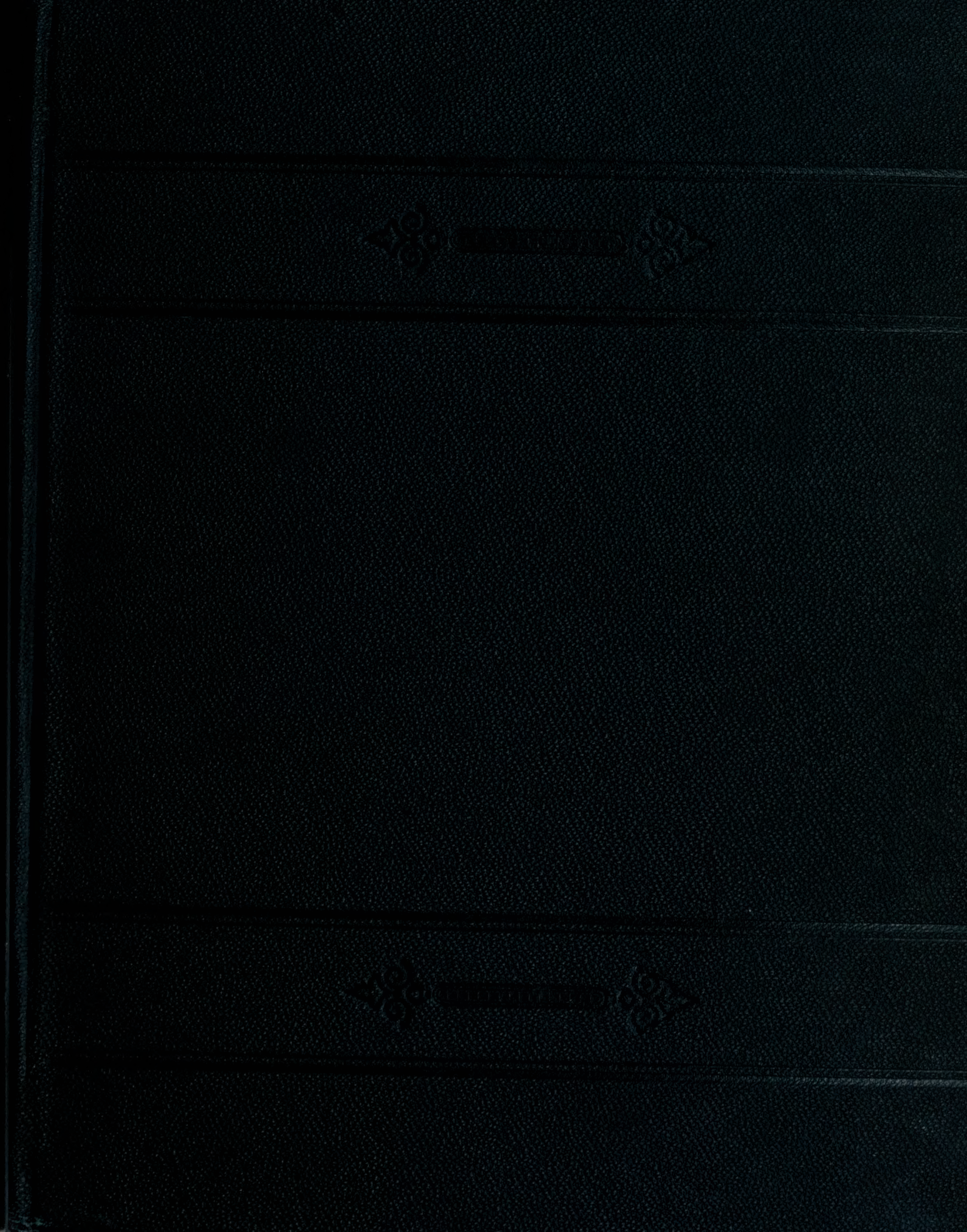

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VOLUME IX.

IN FOUR PARTS, WITH APPENDIX.

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October, 1915.

PREFACE.

The observations contained in Volume IX, Part II, were made and reduced under the immediate supervision of Prof. W. S. Eichelberger, United States Navy. Those who participated in the work of observing and those who were engaged to a large extent upon the reductions are mentioned in the introduction to Volume IX, Part I.

After the preparation of the printer's copy was finished the volume was referred to the executive committee of the council for approval. The first type proof has been read from the original records. All proofs beyond the first have been read only to insure insertion of the corrections desired, except that in the plate proof the final results have been read entire.

J. A. HOOGEWERFF,
Captain, U. S. N., Superintendent.

OCTOBER, 1915.

OBSERVATIONS

MADE WITH THE

NINE-INCH TRANSIT CIRCLE,

1903-1908,

UNDER THE DIRECTION OF

W. S. EICHELBERGER.

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OBSERVATIONS AND REDUCTIONS.......... B 1

INTRODUCTION.

From September 3, 1903, to April 11, 1911, the 9-inch transit circle was devoted to the observation of the stars contained in GILL's Zodiacal Catalogue of 2,798 Stars,[1] in HEDRICK's Catalogue of Zodiacal Stars,[2] and in NEWCOMB's Suggested List of Fundamental Stars,[3] and to the observation of the Sun, Moon, planets, and a few miscellaneous stars.

The observations from September 3, 1903, to September 30, 1908, which were made under the direction of Prof. W. S. EICHELBERGER, United States Navy, are given in the following pages, forming Volume IX, Part II, Publications of the United States Naval Observatory, Second Series; those from October 1, 1908, to April 11, 1911, which were made under the direction of Prof. F. B. LITTELL, United States Navy, will be given in Volume IX, Part III.

The reductions were all made under the direction of Professor EICHELBERGER, and the various steps of the routine reductions, as far as through the apparent right ascension and declination, are given with the observations.

The right ascensions, as given here, depend upon clock and azimuth stars whose positions were taken from NEWCOMB's Catalogue of Fundamental Stars.[3] In the derivation of the observed clock corrections, however, the following corrections are applied to NEWCOMB's right ascensions to allow for the effect of the screens used in observing:

	s
For stars whose magnitudes lie between 6.0 and 4.1	+0. 02
For stars whose magnitudes lie between 4.0 and 1.6	+0. 03
For stars whose magnitudes are brighter than 1.5	+0. 05

and in forming the adopted clock correction for the night, in order to eliminate the effect of the relative personal equations of the various observers, the observed corrections are first reduced to one of the observers adopted as a standard for one or more years at a time.

The zenith distances similarly are obtained from nadir observations and are reduced with the Pulkowa refraction tables as given in Publications of the United States Naval Observatory, Volume IV, Appendix II. The declinations are obtained by assuming the latitude of the transit circle to be $+38° 55' 14''.1$. No corrections have been applied for division error, flexure, or variation of latitude.

---

[1] Catalogue of 2,798 Zodiacal Stars for the Epoch 1900, arranged for differential observations of the planets.

[2] Astronomical Papers Prepared for the Use of the American Ephemeris and Nautical Almanac, Volume VIII, Part III.

[3] Astronomical Papers Prepared for the Use of the American Ephemeris and Nautical Almanac, Volume VIII, Part II.

In Volume IX, Part I, will be found a description of the instrument and accessories and of the methods of observation and reduction, the various instrumental investigations and discussions of the observations with the resulting corrections, the various reduction tables, and the definitive results both for the individual observations and in catalogue form.

EXPLANATION OF THE PRINTED OBSERVATIONS AND REDUCTIONS (PP. B 1–B 759).

The first column gives the number on the page for convenience of reference.

The second column gives the astronomical date, the designation of the observer, and the name of the object observed. The day is assumed to commence with the transit of the Sun. Where an assistant was employed throughout the observer's tour his designation is given with that of the observer. The observers are designated as follows:

Bs. =B. Boss.
Br. =W. M. Brown.
Ei. =W. S. Eichelberger.
Fk. =C. W. Frederick.
Hl. =A. Hall.
L. =F. B. Littell.
M. =H. R. Morgan.
P. =J. Pawling.
R. =H. L. Rice.
S. =A. N. Skinner.
T. =A. B. Turner.
Y. =E. I. Yowell.

The names of the stars contained in Newcomb's Suggested List of Fundamental Stars are taken from that list except when only the constellation name is given there; in that case the catalogue name and number suggested by Newcomb in the column "Remarks" is used. For the other stars the Bonner Durchmusterung numbers are used as far as they are available, and the numbers of the Cape Photographic Durchmusterung for the remainder.

The third column gives the number of threads over which transits were taken.

The fourth column gives the mean of the times of transit over the threads observed reduced to mean thread, the hour being omitted. From September 3 to October 2, 1903, the standard mean thread was the mean of the seven threads b_1, b_3, b_4, b_5, b_6, b_7, and b_9, and for the remaining period the mean of the nine threads b_1 to b_9. In connection with the unsymmetrical observations of the Sun, Moon, and planets, the correction for motion is included.

The fifth column gives the value of $m+n \tan \delta+c \sec \delta$ in Bessel's formula for reducing transit observations. In the case of the Moon this column includes also the correction for the motion of the Moon while passing from the mean thread to the true meridian.

The sixth column gives the clock correction. Those corrections printed in heavy-face type are the observed corrections, and the remaining ones are the adopted corrections used in reducing the right ascensions. Quantities inclosed in brackets were not used in deriving the adopted clock correction.

From September 3, 1903, to April 23, 1908, the quantities in the fifth and sixth columns are affected by corrections for irregularity of pivots, see Part I. In consideration of the results of subsequent and more extended pivot investigation, however, these corrections have been eliminated from the collected results as published in Part I.

The seventh column gives the circle reading, the seconds being the mean of the readings of the four microscopes, except in the comparatively few cases indicated by notes when it gives either the mean of two opposite microscopes or the mean of two independent readings of the four.

The eighth column gives the mean of the readings of the zenith distance micrometer for the bisections made at Threads II and VI, unless otherwise specified at the bottom of the page.

The ninth column gives the zenith point correction obtained from the nadir observations as explained in the Introduction to Volume IX, Part I.

The tenth column gives the correction for refraction computed from the Pulkowa refraction tables.

The eleventh column gives the apparent right ascension, i. e., the sum of the quantities in the fourth, fifth, and sixth columns, substituting in the sixth column the adopted clock correction where an observed one is given.

The twelfth column gives, for the Sun, Moon, and planets where the center was not observed, the correction necessary to reduce the observed apparent right ascension to the apparent right ascension of the center and, for each non-ephemeris star, the correction necessary to reduce the apparent right ascension to the mean right ascension for the beginning of the year.

The thirteenth column gives the apparent declination, derived by combining the assumed latitude with the following six quantities: the three contained in the seventh, ninth, and tenth columns, that in the eighth transferred into arc, the reduction to meridian, and the correction for inclination and distance of the zenith distance threads. In connection with the unsymmetrical observations of the Sun, Moon, and planets the correction for motion is included.

The fourteenth column gives, for each non-ephemeris star, the correction necessary to reduce the apparent declination to the mean declination for the beginning of the year.

At the bottom of each page, in the left-hand corner, are found the meteorological data; in the right-hand corner, the details of the correction in declination for parallax, semidiameter, and defective illumination for the observations of the Sun, Moon, and planets to reduce the observed apparent declination to the apparent geocentric declination of the center; and in the center of the page, various notes referred to the proper star by the reference number.

NINE-INCH TRANSIT CIRCLE.

OBSERVATIONS AND REDUCTIONS.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	September 3, Ei.-Y.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	51 H. Cephei s. P.	7	55 23.31	− 4.86	− 0.91	53 48	......	.....	. ....	6 55 17.54	....	+87 11	....
2	λ Ursæ Minoris	7	18 58.10	+13.72	− 0.91	50 0	......	.....	. ....	19 19 10.91	....	+89 0	....
3	α^2 Capricorni	7	12 44.86	− 0.05	**− 0.93**	308 11 56.45	43.998	+16.47	−1 10.4	20 12 43.90	....	−12 50 24.1	....
4	β Capricorni	7	15 38.19	− 0.06	**− 0.86**	305 57 56.22	42.838	+16.47	−1 16.3	20 15 37.22	....	−15 4 56.7	....
5	π Capricorni	7	21 50.77	− 0.08	**− 0.94**	302 31 55.45	41.942	+16.47	−1 26.8	20 21 49.78	....	−18 31 28.5	....
6	B. D. −15°5696	7	25 42.86	− 0.06	− 0.91	305 39 50.90	44.245	+16.47	−1 17.2	20 25 41.89	− 3.49	−15 22 30.3	−20.6
7	B. D. −18°5714	7	29 57.67	− 0.08	− 0.91	302 55 55.88	43.342	+16.47	−1 25.5	20 29 56.68	− 3.54	−18 6 54.8	−20.2
8	B. D. −11°5379	7	32 42.07	− 0.04	− 0.91	309 39 55.25	45.200	+16.47	−1 6.8	20 32 41.12	− 3.45	−11 21 54.2	−21.7
9	B. D. −21°5802	7	36 33.45	− 0.10	− 0.91	299 25 56.10	43.905	+16.47	−1 38.0	20 36 32.44	− 3.60	−21 36 54.2	−19.8
10	B. D. −22°5523	7	40 37.29	− 0.10	− 0.91	299 9 55.22	47.190	+16.47	−1 39.0	20 40 36.28	− 3.61	−21 51 41.0	−20.0
11	B. D. −18°5783	7	43 55.07	− 0.08	− 0.91	302 39 55.68	42.378	+16.47	−1 26.4	20 43 54.08	− 3.56	−18 23 17.9	−20.8
12	B. D. −21°5852	7	46 50.63	− 0.10	− 0.91	299 27 55.72	42.652	+16.47	−1 38.0	20 46 49.62	− 3.61	−21 35 23.1	−20.4
13	19 Capricorni	7	49 23.68	− 0.08	− 0.91	302 45 55.58	42.855	+16.47	−1 26.1	20 49 22.69	− 3.56	−18 17 6.8	−21.1
14	B. D. −15°5848	7	53 24.18	− 0.06	− 0.91	306 11 55.68	42.380	+16.47	−1 15.8	20 53 23.21	− 3.53	−14 51 7.2	−21.9
15	B. D. −21°5901	7	56 37.82	− 0.10	− 0.91	299 19 54.00	45.262	+16.47	−1 38.5	20 56 36.81	− 3.62	−21 42 25.7	−20.8
16	C. P. D. −23°7916	7	1 30.60	− 0.12	− 0.91	297 29 55.52	46.708	+16.47	−1 46.2	21 1 29.57	− 3.65	−23 31 58.9	−20.8
17	ν Aquarii	7	4 23.15	− 0.04	**− 0.92**	309 15 56.02	46.280	+16.47	−1 7.9	21 4 22.20	....	−11 45 29.9	....
18	B. D. −20°6159	7	8 31.66	− 0.10	− 0.91	300 33 55.35	43.648	+16.47	−1 33.8	21 8 30.65	− 3.60	−20 28 56.6	−21.6
19	B. D. −13°5891	7	10 45.34	− 0.05	− 0.91	307 25 55.82	45.460	+16.47	−1 12.5	21 10 44.38	− 3.53	−13 35 53.4	−22.7
20	B. D. −14°5997	7	14 33.45	− 0.06	− 0.91	306 37 55.55	42.010	+16.47	−1 14.7	21 14 32.48	− 3.54	−14 25 14.7	−22.7
21	B. D. −21°6007	7	18 44.27	− 0.10	− 0.91	299 45 55.65	47.548	+16.47	−1 36.8	21 18 43.26	− 3.62	−21 15 30.1	−21.9
22	B. D. −13°5941	7	24 11.07	− 0.05	− 0.91	307 51 59.92	41.462	+16.47	−1 11.4	21 24 10.11	− 3.54	−13 11 19.6	−23.2
23	B. D. −15°6005	7	27 25.97	− 0.06	− 0.91	306 7 58.98	46.808	+16.47	−1 16.0	21 27 25.00	− 3.55	−14 53 22.9	−23.1
24	B. D. −10°5714	7	31 47.02	− 0.04	− 0.91	310 25 57.75	44.372	+16.47	−1 5.2	21 31 46.07	− 3.52	−10 36 9.1	−23.7
25	B. D. − 9°5809	7	35 51.51	− 0.03	− 0.91	311 27 59.45	43.145	+16.47	−1 2.9	21 35 50.57	− 3.52	− 9 34 33.1	−23.9
26	B. D. − 8°5719	7	38 21.29	− 0.02	− 0.91	313 12 0.25	42.540	+16.47	− 59.2	21 38 20.36	− 3.51	− 7 50 42.4	−24.1
27	B. D. −12°6088	7	41 32.91	− 0.04	− 0.91	308 53 58.78	44.510	+16.47	−1 8.8	21 41 31.96	− 3.54	−12 8 8.5	−23.8
28	B. D. −12°6104	7	45 3.35	− 0.04	− 0.91	309 13 59.08	46.598	+16.47	−1 8.0	21 45 2.40	− 3.53	−11 47 19.7	−23.9
29	μ Capricorni	7	48 5.07	− 0.06	**− 0.93**	307 1 58.92	44.785	+16.47	−1 13.6	21 48 4.10	....	−14 0 6.8	....
30	B. D. −18°6037	7	51 30.12	− 0.08	− 0.91	302 41 58.68	42.830	+16.47	−1 26.5	21 51 29.13	− 3.58	−18 21 4.6	−23.4
31	B. D. −12°6150	7	56 4.91	− 0.04	− 0.91	309 13 57.98	44.505	+16.47	−1 8.1	21 56 3.96	− 3.53	−11 48 8.7	−24.1
32	B. D. −13°6095	7	58 57.30	− 0.05	− 0.91	307 31 58.42	47.852	+16.47	−1 12.3	21 58 56.34	− 3.54	−13 28 56.0	−24.0
33	B. D. −11°5756	7	2 12.60	− 0.04	− 0.91	310 5 59.88	47.865	+16.47	−1 6.0	22 2 11.65	− 3.53	−10 54 47.9	−24.2
34	B. D. − 8°5818	7	4 27.29	− 0.02	− 0.91	313 2 0.60	43.540	+16.47	− 59.6	22 4 26.36	− 3.52	− 8 0 19.6	−24.5
35	B. D. −18°6084	7	7 19.95	− 0.08	− 0.91	302 31 58.58	45.710	+16.47	−1 27.0	22 7 18.96	− 3.57	−18 29 59.4	−23.7
36	B. D. −16°6046	7	9 27.76	− 0.07	− 0.91	304 45 59.30	42.678	+16.47	−1 20.0	22 9 26.78	− 3.55	−16 17 1.0	−24.0
37	B. D. −18°6096	7	12 19.89	− 0.08	− 0.91	302 23 58.35	44.625	+16.47	−1 27.5	22 12 18.90	− 3.56	−18 38 24.9	−23.8
38	γ Aquarii	7	16 43.20	0.00	**− 0.86**	319 10 0.68	43.478	+16.47	− 48.1	22 16 42.29	....	− 1 52 9.5	....
39	π Aquarii	7	20 23.82	+ 0.02	**− 0.90**	321 55 59.80	42.488	+16.47	− 43.6	22 20 22.93	....	+ 0 53 31.5	....
40	α Pegasi	7	0 0.16	+ 0.10	**− 0.89**	335 42 1.20	46.520	+16.47	− 25.1	22 59 59.35	....	+14 41 23.5	....
41	φ Aquarii	7	9 22.43	0.00	**− 0.98**	314 28 0.60	44.530	+16.47	− 56.8	23 9 21.52	....	− 6 33 54.2	....
42	B. D. −12°6461	7	12 40.66	− 0.03	− 0.91	308 45 58.90	49.725	+16.47	−1 9.3	23 12 39.72	− 3.46	−12 14 9.7	−24.4
43	B. D. − 6°6191	7	15 45.24	0.00	− 0.91	314 35 59.72	44.700	+16.47	− 56.5	23 15 44.33	− 3.47	− 6 25 50.9	−24.2
44	B. D. + 2°4660	7	18 0.37	+ 0.04	− 0.91	323 18 1.40	47.778	+16.47	− 41.5	23 17 59.50	− 3.52	+ 2 17 36.1	−23.7
45	B. D. − 7°6012	7	21 37.81	0.00	− 0.91	313 53 58.48	44.338	+16.47	− 57.9	23 21 36.90	− 3.46	− 7 8 1.8	−24.2
46	B. D. − 8°6118	7	24 0.33	− 0.01	− 0.91	313 6 0.05	45.040	+16.47	− 59.5	23 23 59.41	− 3.45	− 7 55 45.8	−24.2
47	B. D. − 4°5896	7	26 35.29	+ 0.01	− 0.91	316 23 59.28	47.720	+16.47	− 53.0	23 26 34.39	− 3.46	− 4 36 38.8	−23.9
48	B. D. − 3°5661	7	28 46.96	+ 0.02	− 0.91	318 14 0.92	48.240	+16.47	− 49.8	23 28 46.07	− 3.47	− 2 46 22.1	−23.7
49	B. D. + 2°4686	7	31 12.66	+ 0.04	− 0.91	323 39 58.50	41.998	+16.47	− 41.0	23 31 11.79	− 3.51	+ 2 37 21.6	−23.2
50	B. D. − 0°4547	7	35 46.99	+ 0.03	− 0.91	320 53 57.95	46.820	+16.47	− 45.3	23 35 46.11	− 3.48	− 0 6 53.0	−23.3
51	B. D. − 5°6041	7	39 40.06	0.00	− 0.91	315 28 0.02	48.585	+16.47	− 54.8	23 39 39.15	− 3.43	− 5 32 20.1	−23.3
52	B. D. − 3°5707	7	43 1.69	+ 0.01	− 0.91	317 43 59.40	45.012	+16.47	− 50.7	23 43 0.79	− 3.44	− 3 17 38.3	−23.4
53	25 Piscium	7	48 11.04	+ 0.04	− 0.91	322 33 59.45	47.582	+16.47	− 42.7	23 48 10.17	− 3.48	+ 1 33 28.5	−22.8
54	B. D. + 7°5101	7	50 44.38	+ 0.07	− 0.91	328 41 59.88	46.972	+16.47	− 33.9	23 50 43.54	− 3.54	+ 7 41 23.7	−21.9
55	B. D. + 5°5245	7	55 0.52	+ 0.06	− 0.91	326 25 59.12	47.212	+16.47	− 37.0	23 54 59.67	− 3.51	+ 5 25 25.4	−22.0
56	B. D. + 7°5121	7	57 36.58	+ 0.07	− 0.91	328 58 0.35	46.330	+16.47	− 33.6	23 57 35.74	− 3.54	+ 7 57 9.8	−21.6
57	B. D. − 2°6099	7	1 25.01	+ 0.02	− 0.91	319 16 0.10	43.298	+16.47	− 48.1	0 1 24.12	− 3.42	− 1 46 14.2	−22.6
58	B. D. + 4°8	7	5 0.79	+ 0.05	− 0.91	325 19 59.40	43.305	+16.47	− 38.6	0 4 59.93	− 3.48	+ 4 17 54.8	−21.7
59	B. D. + 0°22	7	9 42.48	+ 0.03	− 0.91	321 47 59.60	43.342	+16.47	− 44.0	0 9 41.60	− 3.43	+ 0 45 50.4	−22.0
60	B. D. + 0°28	7	12 53.04	+ 0.04	− 0.91	322 9 59.92	47.240	+16.47	− 43.4	0 12 52.17	− 3.43	+ 1 9 20.4	−21.8
61	B. D. − 4°31	7	16 19.74	+ 0.01	− 0.91	317 9 58.85	47.460	+16.47	− 51.7	0 16 18.84	− 3.36	− 3 50 43.9	−22.3
62	B. D. + 0°54	7	21 18.13	+ 0.03	− 0.91	321 39 58.95	43.770	+16.47	− 44.2	0 21 17.25	− 3.40	+ 0 37 59.4	−21.5
63	B. D. − 3°57	7	24 45.40	+ 0.01	− 0.91	317 37 59.85	48.875	+16.47	− 51.0	0 24 44.50	− 3.35	− 3 22 9.9	−21.9
64	B. D. + 2°67	7	28 59.49	+ 0.04	− 0.92	323 48 0.52	47.435	+16.47	− 40.9	0 28 58.61	− 3.41	+ 2 47 28.0	−20.8
65	B. D. + 8°80	7	31 27.63	+ 0.07	− 0.92	329 22 0.58	45.275	+16.47	− 33.1	0 31 26.78	− 3.48	+ 8 20 46.5	−19.7
66	B. D. + 7°86	7	34 1.03	+ 0.07	− 0.92	328 23 58.32	46.745	+16.47	− 34.3	0 34 0.18	− 3.46	+ 7 23 16.6	−19.8

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
3 20 10	29.995	72.5	71.8	6. Bisection at VII.					
20 38	......	....	71.3						
21 15	30.00	71.3	70.8						
21 54	......	....	70.3						
22 23	30.00	70.5	70.1						
22 57	30.00	70.0	69.4	Note.					
23 33	30.00	69.7	69.0	1–66. Images good at beginning of work; occasionally diffuse and unsteady towards end.					
0 7	......	....	68.1						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 1°124	7	38 22.79	+ 0.04	− 0.92	322 34 0.35	42.828	+16.47	− 42.8	0 38 21.91	− 3.37	+ 1 31 40.6	−20.6
2	B. D.+ 1°142	7	43 18.44	+ 0.04	− 0.92	323 14 0.12	44.540	+16.47	− 41.7	0 43 17.56	− 3.36	+ 2 12 20.6	−20.2
3	B. D.+ 2°118	7	46 22.84	+ 0.04	− 0.02	323 53 59.65	43.300	+16.47	− 39.8	0 46 21.96	− 3.37	+ 2 51 53.3	−19.9
4	B. D.+ 9°101	7	47 48.60	+ 0.07	− 0.92	330 18 0.60	45.738	+16.47	− 31.9	0 47 47.75	− 3.46	+ 9 16 58.3	−18.6
5	B. D.+ 9°110	7	51 47.18	+ 0.07	− 0.92	330 29 59.12	47.890	+16.47	− 31.6	0 51 46.33	− 3.46	+ 9 29 46.3	−18.3
6	B. D.− 1°124	7	54 26.89	+ 0.02	− 0.92	319 49 58.12	45.270	+16.47	− 47.2	0 54 25.99	− 3.28	− 1 11 30.2	−20.2
7	B. D.+ 7°151	7	57 8.37	+ 0.07	− 0.92	328 25 59.90	46.952	+16.47	− 34.3	0 57 7.52	− 3.41	+ 7 25 22.9	−18.4
8	B. D.+ 6°155	7	59 51.45	+ 0.06	− 0.92	327 34 0.18	43.452	+16.47	− 35.5	0 59 50.59	− 3.38	+ 6 32 1.6	−18.4
9	B. D.− 1°144	7	1 31.96	+ 0.02	− 0.92	319 45 59.18	44.662	+16.47	− 47.3	1 1 31.06	− 3.26	− 1 15 43.1	−19.9
10	B. D.+14°175	7	5 7.09	+ 0.10	− 0.92	336 11 59.85	42.252	+16.47	− 24.7	1 5 6.27	− 3.53	+15 9 45.0	−16.1
11	ζ^1 Piscium...............	7	8 43.98	+ 0.06	− **0.89**	328 5 59.20	43.538	+16.47	− 34.8	1 8 43.12	.....	+ 7 4 3.7	....
12	υ Piscium...............	7	14 12.55	+ 0.16	− **0.94**	347 46 1.05	46.218	+16.47	− 12.1	1 14 11.79	.....	+26 45 29.4	....
	September 4, L.												
13	υ^4 Eridani...............	.	.. ..	....	....	287 1 59.95	44.850	+17.10	−2 59.7	4 14	.....	−34 1 49.7	....
14	ι^5 Eridani...............	.	.. ..	....	....	286 49 59.95	43.868	+17.10	−3 2.0	4 20	.....	−34 14 14.5	....
15	80 Tauri...............	.	.. ..	....	....	336 28 1.95	41.758	+17.10	− 24.3	4 24	.....	+15 25 36.9	−0.4
16	α Tauri...............	7	30 24.94	+ 0.13	[− **1.16**]	337 20 1.20	45.098	+17.10	− 23.3	4 30	.....	+16 18 53.8	....
17	μ Eridani...............	7	40 42.45	+ 0.03	[− **1.15**]	317 36 1.05	44.502	+17.10	− 51.0	4 40	.....	− 3 25 48.0	....
18	π^5 Orionis...............	7	49 15.29	+ 0.06	[− **1.16**]	323 18 2.15	46.155	+17.10	− 41.5	4 49	.....	+ 2 17 0.4	....
19	10 Camelopardalis.........	7	54 51.84	+ 0.51	....	21 18 4.20	45.380	+17.10	+ 21.9	4 54	.....	+60 17 47.9	....
20	μ Leporis...............	7	8 37.47	− 0.04	....	304 43 59.58	42.538	+17.10	−1 20.4	5 8	.....	−16 19 3.3	−7.5
21	τ Orionis...............	7	12 56.91	+ 0.01	[− **1.16**]	314 5 59.65	42.145	+17.10	− 57.6	5 12	.....	− 6 56 49.8	....
22	γ Orionis...............	7	19 58.96	+ 0.08	[− **1.17**]	327 18 1.45	42.650	+17.10	− 35.8	5 19	.....	+ 6 15 45.3	....
23	β Leporis...............	7	24 8.23	− 0.07	....	300 11 59.75	45.832	+17.10	−1 35.5	5 24	.....	−20 50 2.9	−7.5
24	α Leporis...............	7	28 29.94	− 0.06	[− **1.08**]	303 7 59.88	47.200	+17.10	−1 25.2	5 28	.....	−17 53 21.7	....
25	ζ Tauri...............	7	31 54.21	+ 0.15	[− **1.13**]	342 6 2.85	44.973	+17.10	− 18.0	5 31	.....	+21 4 57.7	....
26	ν Aurigæ...............	7	44 49.57	+ 0.26	....	0 8 3.38	44.378	+17.10	+ 0.2	5 44	.....	+39 7 2.6	....
27	μ Geminorum............	7	17 8.69	+ 0.16	[− **1.16**]	343 36 1.58	41.648	+17.10	− 16.4	6 17	.....	+22 33 41.9	....
	September 5, L.												
28	Sun I, N...............	7	52 20.70	+ 0.10	− 1.20	328 21 58.10	45.717	+18.82	− 33.3	10 52 19.60	+64.26	+ 7 20 55.6	....
29	Sun II, S...............	7	54 29.21	+ 0.10	− 1.20	327 49 59.45	46.255	+18.82	− 34.0	10 54 28.11	−64.25	+ 6 49 9.9	....
30	Venus I, N............	7	47 43.73	+ 0.02	− 1.20	313 42 1.10	43.441	+19.03	− 56.4	11 47 42.55	+ 1.87	− 7 20 15.6	....
31	Mercury C, C..........	7	29 1.29	+ 0.02	− 1.20	315 30 0.40	43.531	+19.18	− 52.9	12 29 0.11	+ 0.07	− 5 32 10.6	....
32	α Ophiuchi...............	3	30 29.41	+ 0.07	[− **1.25**]	333 40 0.15	43.340	+17.39	− 27.1	17 30 28.24	.....	+12 38 8.7	....
33	ι Herculis...............	7	36 46.19	+ 0.26	− 1.24	7 4 2.30	46.420	+17.39	+ 6.9	17 36 45.21	.....	+46 3 55.1	....
34	μ Herculis...............	7	42 42.90	+ 0.14	[− **1.22**]	348 48 2.92	44.878	+17.39	− 10.8	17 42 41.80	.....	+27 47 2.9	....
35	89 Herculis...............	3	51 33.69	+ 0.13	[− **1.18**]	347 6 1.40	43.088	+17.39	− 12.6	17 51 32.58	.....	+26 4 18.7	....
36	χ Draconis...............	7	22 49.94	+ 0.77	− 1.24	33 42 2.08	45.215	+17.39	+ 36.8	18 22 49.47	.....	+72 41 56.9	....
37	3 H. Scuti...............	7	30 0.00	− 0.02	− **1.27**	312 43 58.12	43.262	+17.39	− 59.5	18 29 58.74	.....	− 8 18 27.4	....
38	156 H^1. Draconis..........	7	34 27.62	+ 1.09	− 1.24	38 28 2.12	47.122	+17.39	+ 44.0	18 34 27.47	− 0.98	+77 28 48.0	−28.9
39	110 Herculis...............	6	41 33.01	+ 0.11	− **1.29**	341 27 59.38	46.920	+17.39	− 18.4	18 41 31.88	.....	+20 27 38.1	....
40	51 H. Cephei s. P.	4	55 23.20	− 4.79	− 1.24	53 48 2.95	44.545	+17.39	+1 15.6	6 55 17.17	.....	+87 11 37.1	....
41	λ Aquilæ...............	4	1 10.38	0.00	− **1.21**	315 59 56.88	45.872	+17.39	− 53.2	19 1 9.14	.....	− 5 1 22.7	....
42	19 Lyræ...............	7	8 6.52	+ 0.17	− 1.24	352 8 0.95	46.715	+17.39	− 7.6	19 8 5.45	− 2.67	+31 7 46.4	−27.2
43	λ Ursæ Minoris..........	4	18 57.82	+13.49	− 1.24	50 0 2.55	44.300	+17.39	+1 6.1	19 19 10.07	.....	+89 0 5.7	....
	September 5, Ei.-Y.												
44	β Capricorni............	7	15 38.34	− 0.05	− **1.04**	305 55 57.38	47.992	+17.39	−1 16.1	20 15 37.25	.....	−15 4 56.7	....
45	π Capricorni............	7	21 50.86	− 0.06	− **1.07**	302 31 56.78	41.835	+17.39	−1 26.7	20 21 49.76	.....	−18 31 28.6	....
46	B. D.−15°5696	7	25 42.80	− 0.04	− 1.04	305 39 56.15	44.008	+17.39	−1 17.0	20 25 41.72	− 3.48	−15 22 29.8	−20.5
47	B. D.−18°5714	7	29 57.79	− 0.06	− 1.04	302 55 57.12	43.265	+17.39	−1 25.3	20 29 56.69	− 3.52	−18 6 54.5	−20.1
48	B. D.−11°5379	7	32 42.14	− 0.02	− 1.04	309 39 55.78	45.120	+17.39	−1 6.7	20 32 41.08	− 3.44	−11 21 54.5	−21.6
49	B. D.−22°5523	4	40 37.42	− 0.16	− 1.04	299 9 56.62	47.058	+17.39	−1 38.8	20 40 36.22	− 3.59	−21 51 41.5	−19.9
50	B. D.−18°5783	6	43 55.18	− 0.06	− 1.04	302 39 54.65	42.358	+17.39	−1 26.3	20 43 54.08	− 3.55	−18 23 17.9	−20.7
51	19 Capricorni............	7	49 23.62	− 0.06	− 1.04	302 45 55.08	42.812	+17.39	−1 25.9	20 49 22.52	− 3.55	−18 17 7.1	−21.0
52	B. D.−15°5848	7	53 24.21	− 0.04	− 1.04	306 11 56.35	42.282	+17.39	−1 15.6	20 53 23.13	− 3.52	−14 51 7.7	−21.8
53	B. D.−21°5901	7	56 37.86	− 0.08	− 1.04	299 19 55.75	45.155	+17.39	−1 38.3	20 56 36.74	− 3.61	−21 42 25.3	−20.7
54	C. P. D.−23°7916	7	1 30.57	− 0.09	− 1.04	297 29 55.35	46.672	+17.39	−1 46.0	21 1 29.44	− 3.64	−23 31 58.7	−20.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 0 40	29.99	68.5	67.8
1 16	29.98	68.2	67.2
4 4 14	29.84	67.2	65.9
5 9	......	....	66.0
5 32	29.84	67.4	66.7
6 17	29.84	68.8	68.1
5 10 54	29.815	81.3	80.9
11 48	......	....	82.2
12 29	29.78	84.1	83.1
17 42	29.75	75.1	73.8
19 30	29.80	71.7	69.6
20 10	29.785	70.8	69.1
20 38	......	....	68.7

Micrometer bisections are made at II, VI, except as noted below.

3, 8.	Bisections at I, II.
16, 20, 23, 29, 50.	Bisections at VI, VII.
18.	Bisections at II, VII.
25.	Bisections at II, VI, VII.
28.	Bisections at I, II, III.
30, 31.	Bisections at I, II, VI, VIII.
38.	Bisections at III, V.
39, 47.	Bisection at II.
40.	Bisection at V.
42.	Bisection at VI.
43.	Bisections at b_3, b_7.

Notes.

1–12.	Images occasionally diffuse and unsteady.
8.	Revolutions of micrometer reading assumed.
16.	Degrees and minutes of circle reading assumed.
32–43.	Clouds; seeing bad.
35.	Circle reading increased 2′.
39.	Circle reading decreased 1′.
44.	Circle reading decreased 2′.
44-54.	Images diffuse.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
28	+ 4.5	−15 52.8	...	−15 48.3
29	+ 4.6	+15 52.8	...	+15 57.4
30	+ 20.6	− 27.9	...	− 7.3
31	+ 6.3	.. ....	−0.6	+ 5.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ν Aquarii	7	4 23.17	− 0.02	− **0.97**	309 15 56.55	46.182	+17.39	−1 7.7	21 4 22.11	.....	−11 45 30.5	....
2	B. D.−20°6159	7	8 31.68	− 0.07	− 1.04	300 33 56.88	43.512	+17.39	−1 33.7	21 8 30.57	− 3.60	−20 28 57.1	−21.4
3	B. D.−13°5891	7	10 45.41	− 0.03	− 1.04	307 25 57.22	45.275	+17.39	−1 12.4	21 10 44.34	− 3.52	−13 35 55.2	−22.7
4	B. D.−14°5997	7	14 33.49	− 0.03	− 1.04	306 37 57.40	41.880	+17.39	−1 14.6	21 14 32.42	− 3.53	−14 25 14.8	−22.6
5	B. D.−21°6007	7	18 44.31	− 0.07	− 1.04	299 45 57.58	47.415	+17.39	−1 36.7	21 18 43.20	− 3.61	−21 15 30.2	−21.7
6	B. D.−11°5598	7	21 16.90	− 0.01	− 1.04	309 41 57.02	45.312	+17.39	−1 6.8	21 21 15.85	− 3.51	−11 19 49.0	−23.3
7	B. D.−13°5941	7	24 11.09	− 0.02	− 1.04	307 51 56.95	41.552	+17.39	−1 11.4	21 24 10.03	− 3.53	−13 11 19.5	−23.1
8	B. D.−15°6005	7	27 26.06	− 0.03	− 1.04	306 7 57.35	46.802	+17.39	−1 15.9	21 27 24.99	− 3.55	−14 53 23.7	−23.0
9	B. D.−10°5714	7	31 47.18	− 0.01	− 1.04	310 25 56.80	44.335	+17.39	−1 5.1	21 31 46.13	− 3.52	−10 36 9.8	−23.7
10	B. D.− 9°5809	7	35 51.59	0.00	− 1.04	311 27 56.50	43.212	+17.39	−1 2.8	21 35 50.55	− 3.52	− 9 34 33.5	−23.9
11	B. D.− 8°5719	7	38 21.43	+ 0.01	− 1.04	313 11 57.50	42.575	+17.39	− 59.2	21 38 20.40	− 3.51	− 7 50 43.5	−24.1
12	B. D.−12°6088	7	41 32.96	− 0.02	− 1.04	308 53 56.40	44.528	+17.39	−1 8.8	21 41 31.90	− 3.53	−12 8 9.5	−23.7
13	B. D.−12°6104	7	45 3.45	− 0.01	− 1.04	309 13 56.90	46.650	+17.39	−1 8.0	21 45 2.40	− 3.53	−11 47 19.7	−23.8
14	μ Capricorni	7	48 5.22	− 0.02	− **1.11**	307 1 56.42	44.835	+17.39	−1 13.6	21 48 4.16	.....	−14 0 7.3	....
15	B. D.−18°6037	7	51 30.14	− 0.05	− 1.04	302 41 56.12	42.890	+17.39	−1 26.4	21 51 29.05	− 3.58	−18 21 4.8	−23.2
16	B. D.−12°6150	7	56 4.93	− 0.01	− 1.04	309 13 57.12	44.485	+17.39	−1 8.1	21 56 3.88	− 3.54	−11 48 9.1	−24.0
17	B. D.−13°6095	7	58 57.33	− 0.02	− 1.04	307 31 57.58	47.812	+17.39	−1 12.3	21 58 56.27	− 3.54	−13 28 56.8	−23.9
18	B. D.−11°5756	7	2 12.65	0.00	− 1.04	310 5 57.80	47.858	+17.39	−1 5.9	22 2 11.61	− 3.53	−10 54 49.1	−24.2
19	B. D.− 8°5818	7	4 27.34	+ 0.01	− 1.04	313 1 57.70	43.625	+17.39	− 59.6	22 4 26.31	− 3.52	− 8 0 19.7	−24.4
20	B. D.−18°6084	7	7 20.04	− 0.04	− 1.04	302 31 57.62	45.718	+17.39	−1 27.0	22 7 18.96	− 3.57	−18 29 59.3	−23.6
21	B. D.−16°6046	7	9 27.75	− 0.03	− 1.04	304 45 57.25	42.720	+17.39	−1 20.0	22 9 26.68	− 3.56	−16 17 1.2	−23.9
22	B. D.−18°6096	7	12 19.99	− 0.05	− 1.04	302 23 57.15	44.638	+17.39	−1 27.4	22 12 18.90	− 3.57	−18 38 24.8	−23.7
23	Moon I, N	7	15 14.40	+ 0.01	− 1.04	312 59 58.00	42.920	+17.39	− 59.6	22 15 13.37	+62.05	− 8 2 33.3	....
24	Moon S	.	.. ..	....	....	312 29 56.38	43.190	+17.39	−1 0.7	.. ..	.....	− 8 32 35.1	....
25	π Aquarii	6	20 23.95	+ 0.06	− **1.06**	321 55 58.15	42.510	+17.39	− 43.6	22 20 22.97	.....	+ 0 53 31.4	....
26	σ Aquarii	7	25 35.43	0.00	− **0.98**	309 51 57.52	44.615	+17.39	−1 6.5	22 25 34.39	.....	−11 10 4.1	....
27	α Pegasi	7	0 0.27	+ 0.13	− **1.02**	335 41 59.45	46.558	+17.39	− 25.1	22 59 59.36	.....	+14 41 23.6	....
28	φ Aquarii	7	9 22.48	+ 0.03	− **1.05**	314 27 58.78	44.580	+17.39	− 56.7	23 9 21.47	.....	− 6 33 53.9	....
29	B. D.−12°6461	7	12 40.76	0.00	− 1.05	308 45 57.65	49.720	+17.39	−1 9.2	23 12 39.71	− 3.47	−12 14 10.0	−24.4
30	B. D.− 6°6191	7	15 45.37	+ 0.03	− 1.05	314 35 58.30	44.748	+17.39	− 56.4	23 15 44.35	− 3.49	− 6 25 50.2	−24.3
31	B. D.+ 2°4660	7	18 0.47	+ 0.07	− 1.05	323 17 59.75	47.825	+17.39	− 41.5	23 17 59.49	− 3.54	+ 2 17 36.4	−23.8
32	B. D.− 7°6012	7	21 37.91	+ 0.03	− 1.05	313 53 58.88	44.280	+17.39	− 57.8	23 21 36.89	− 3.48	− 7 8 1.7	−24.2
33	B. D.− 8°6118	7	24 0.36	+ 0.02	− 1.05	313 5 58.38	45.080	+17.39	− 59.5	23 23 59.33	− 3.47	− 7 55 45.6	−24.2
34	B. D.− 4°5896	7	26 35.41	+ 0.04	− 1.05	316 23 57.98	47.780	+17.39	− 53.0	23 26 34.40	− 3.48	− 4 36 38.2	−24.0
35	B. D.− 3°5661	7	28 47.00	+ 0.05	− 1.05	318 13 59.25	48.285	+17.39	− 49.7	23 28 46.00	− 3.49	− 2 46 21.7	−23.8
36	B. D.+ 2°4686	7	31 12.86	+ 0.07	− 1.05	323 39 58.28	41.950	+17.39	− 40.0	23 31 11.88	− 3.53	+ 2 37 22.2	−23.4
37	B. D.− 0°4547	7	35 47.09	+ 0.06	− 1.05	320 53 57.45	46.795	+17.39	− 45.2	23 35 46.10	− 3.50	− 0 6 53.1	−23.5
38	B. D.− 5°6041	7	39 40.12	+ 0.04	− 1.05	315 27 58.82	48.595	+17.39	− 54.7	23 39 39.11	− 3.45	− 5 32 20.1	−23.7
39	B. D.− 3°5707	7	43 1.82	+ 0.05	− 1.05	317 43 58.28	45.000	+17.39	− 50.6	23 43 0.82	− 3.47	− 3 17 38.7	−23.5
40	B. D.+ 0°22	7	9 42.64	+ 0.06	− 1.05	321 47 52.60	43.610	+17.39	− 43.9	0 9 41.65	− 3.46	+ 0 45 50.6	−22.2
41	B. D.+ 0°28	7	12 53.11	+ 0.07	− 1.05	322 9 57.25	47.288	+17.39	− 43.3	0 12 52.13	− 3.45	+ 1 9 19.9	−22.0
42	B. D.− 4°31	7	16 19.86	+ 0.04	− 1.05	317 9 57.68	47.435	+17.39	− 51.6	0 16 18.85	− 3.39	− 3 50 44.6	−22.4
43	B. D.+ 0°54	7	21 18.26	+ 0.06	− 1.05	321 39 58.75	43.740	+17.39	− 44.1	0 21 17.27	− 3.43	+ 0 37 59.5	−21.7
44	B. D.− 3°57	7	24 45.54	+ 0.04	− 1.05	317 37 57.15	48.932	+17.39	− 50.8	0 24 44.53	− 3.38	− 3 22 10.1	−22.0
45	B. D.+ 2°67	7	28 59.56	+ 0.07	− 1.05	323 47 56.85	47.578	+17.39	− 40.8	0 28 58.58	− 3.44	+ 2 47 28.6	−21.0
46	B. D.+ 8°80	3	31 27.75	+ 0.10	− 1.05	329 21 57.85	45.400	+17.39	− 33.0	0 31 26.80	− 3.51	+ 8 20 47.3	−20.0
	September 6, R.												
47	ξ Aquarii	7	32 39.89	+ 0.03	− **1.06**	312 43 59.32	47.295	+16.59	−1 1.3	21 32 38.83	.....	− 8 16 56.7	....
48	μ Capricorni	7	48 5.19	− 0.01	− **1.09**	307 1 59.32	44.970	+16.55	−1 15.2	21 48 4.09	.....	−14 0 3.7	....
49	α Aquarii	7	0 52.76	+ 0.07	− **1.15**	320 13 59.65	46.395	+16.52	− 47.3	22 0 51.74	.....	− 0 47 3.0	....
50	θ Aquarii	7	11 47.59	+ 0.03	− **1.12**	312 45 59.72	45.700	+16.49	−1 1.4	22 11 46.53	.....	− 8 15 32.9	....
51	σ Aquarii	7	25 35.51	+ 0.01	− **1.07**	309 51 59.45	44.690	+16.46	−1 8.1	22 25 34.43	.....	−11 10 3.0	....
52	ζ Pegasi	7	36 42.01	+ 0.13	− **1.07**	331 21 53.98	43.320	+16.43	− 31.1	22 36 41.05	.....	+10 19 56.6	....
53	52 Pegasi	7	54 25.21	+ 0.14	− 1.09	332 13 53.05	46.152	+16.38	− 30.0	22 54 24.26	− 3.62	+11 13 2.0	−24.3
54	Moon I	7	3 18.61	+ 0.05	− 1.09	316 30	......	.....	. ....	23 3 17.57	+61.91	.. ..	....
55	Moon II	7	5 22.44	+ 0.05	− 1.09	... .	......	.....	. ....	23 5 21.40	−61.92	.. ..	....
56	Jupiter C	.	.. ..	....	....	315 15 52.95	40.070	+16.32	− 56.4	23 21	.....	− 5 46 0.7	....
57	27 Piscium	7	53 46.91	+ 0.05	− 1.09	316 55 53.15	46.420	+16.24	− 53.2	23 53 45.87	.....	− 4 5 14.7	....
58	α Andromedæ	7	3 27.11	+ 0.24	− **1.05**	349 33 55.25	46.772	+16.21	− 10.4	0 3 26.26	.....	+28 33 37.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 21 16	29.785	69.5	68.0
21 53	....	....	66.9
22 28	29.785	68.2	66.7
23 2	29.79	68.0	66.1
23 33	29.78	67.5	66.0
0 7	....	....	65.7
0 39	29.78	66.6	65.3
6 21 35	29.98	61.6	59.9
22 1	....	....	59.2
22 54	....	....	57.9
23 21	29.980	59.4	58.2
0 3	29.98	59.1	58.0

Micrometer bisections are made at II, VI, except as noted below.

23. Bisections at I, II, III.
24. Bisection at VII.
25. Bisections at II, VII.
34. Bisections at I, II.
46. Bisection at II.
52. Bisection at I.
56. Bisections at I, II, VI, VII.
56. Z. D. threads A used.
57. Bisections at VI, VII.

Notes.

1-46. Clouds: images unsteady at beginning of work.
32. Micrometer reading of one bisection decreased 0.1 rev.
34. Micrometer reading increased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+39 39.5	−14 51.1	0.0	+24 48.4
24	+39 59.1	+14 51.1	...	+54 50.2
56	+ 1.5	.. ....	...	+ 1.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	September 6, L.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ξ Persei	7	52 44.56	+ 0.27	− 1.25	356 32 0.45	43.918	+15.60	− 3.4	3 52 43.58	.....	+35 30 44.1	....
2	ν Tauri	7	58 3.62	+ 0.09	− **1.27**	326 43 56.82	47.258	+15.58	− 37.7	3 58 2.46	.....	+ 5 43 22.1	....
3	c Persei	7	1 41.76	+ 0.38	− 1.25	8 28 2.05	44.400	+15.56	+ 8.6	4 1 40.89	.....	+47 27 8.1	....
4	o^1 Eridani	7	7 11.43	+ 0.02	− **1.25**	313 55 56.15	46.688	+15.54	− 59.6	4 7 10.20	.....	− 7 5 13.1	....
5	υ^4 Eridani	7	14 16.54	− 0.19	− 1.25	287 1 56.10	45.365	+15.51	−3 5.3	4 14 15.10	.....	−34 1 49.0	....
6	υ^5 Eridani	.	.. ..	....	....	286 49 55.68	44.375	+15.49	−3 7.5	4 20	.....	−34 14 14.3	....
7	80 Tauri	7	24 40.54	+ 0.14	− 1.25	336 27 58.35	42.062	+15.47	− 25.1	4 24 39.43	− 2.73	+15 25 37.8	− 0.6
8	α Tauri	7	30 25.06	+ 0.15	− **1.24**	337 19 57.15	45.422	+15.45	− 24.0	4 30 23.96	.....	+16 18 54.5	....
9	τ Tauri	7	36 29.17	+ 0.18	[− **1.18**]	343 47 58.30	43.392	+15.42	− 16.7	4 36 28.10	.....	+22 46 16.0	....
10	μ Eridani	7	40 42.53	+ 0.04	[− **1.18**]	317 35 57.42	44.840	+15.41	− 52.5	4 40 41.32	.....	− 3 25 47.5	....
11	9 Camelopardalis	7	44 29.52	+ 0.71	− 1.25	27 12	......	.....	. ....	4 44 28.98	.....	+66 10	....
12	π^5 Orionis	4	49 15.38	+ 0.07	[− **1.20**]	323 17 59.08	46.450	+15.38	− 42.8	4 49 14.20	.....	+ 2 17 1.4	....
13	10 Camelopardalis	7	54 51.99	+ 0.57	− 1.25	21 18 0.35	45.632	+15.36	+ 22.5	4 54 51.31	.....	+60 17 48.1	....
14	11 Orionis	7	59 5.08	+ 0.14	[− **1.14**]	336 17 57.92	43.500	+15.34	− 25.2	4 59 3.97	.....	+15 16 10.0	....
15	19 H. Camelopardalis	7	6 40.76	+ 1.50	− 1.25	40 6 0.82	47.308	+15.31	+ 48.6	5 6 41.01	.....	+79 6 53.5	....
16	τ Orionis	7	12 57.01	+ 0.02	[− **1.21**]	314 3 56.12	47.740	+15.29	− 59.3	5 12 55.78	.....	− 6 56 49.4	....
17	ο Orionis	7	16 51.94	+ 0.05	− 1.25	320 33 57.00	42.460	+15.27	− 47.3	5 16 50.74	− 2.12	− 0 28 37.2	− 2.2
18	γ Orionis	7	19 59.03	+ 0.09	[− **1.19**]	327 17 58.55	42.952	+15.26	− 36.9	5 19 57.87	.....	+ 6 15 46.3	....
19	β Leporis	7	24 8.36	− 0.08	− 1.25	300 11 55.92	46.298	+15.24	−1 38.5	5 24 7.03	− 1.67	−20 50 1.7	− 7.7
20	α Leporis	7	28 30.08	− 0.06	[− **1.16**]	303 7 56.20	47.658	+15.23	−1 27.9	5 28 28.77	.....	−17 53 19.8	....
21	ζ Tauri	7	31 54.36	+ 0.18	[− **1.24**]	342 5 59.82	45.280	+15.21	− 18.6	5 31 53.29	.....	+21 4 59.0	....
22	γ Leporis	7	40 28.09	− 0.09	− 1.25	298 33 55.65	45.025	+15.19	−1 45.3	5 40 26.75	− 1.55	−22 28 37.6	− 6.9
23	ν Aurigæ	7	44 49.65	+ 0.30	− 1.25	0 8 0.15	44.575	+15.17	+ 0.2	5 44 48.70	.....	+39 7 1.9	....
24	1 Geminorum	7	58 16.73	+ 0.19	[− **1.16**]	344 17 59.25	42.700	+15.12	− 16.1	5 58 15.67	.....	+23 16 1.9	....
25	δ Ursæ Minoris S. P.	7	3 32.57	− 4.46	− 1.25	54 22 1.45	45.555	+15.10	+1 20.3	18 3 26.86	.....	+86 37 14.1	....
26	μ Geminorum	7	17 8.78	+ 0.18	[− **1.21**]	343 35 57.80	41.950	+15.04	− 16.9	6 17 7.70	.....	+22 33 42.4	....
	September 7, L.												
27	Sun I, S.	7	59 33.86	+ 0.10	− 1.26	327 6 0.45	44.940	+15.74	− 36.0	10 59 32.70	+64.20	+ 6 4 34.5	....
28	Sun II, N.	7	1 42.25	+ 0.10	− 1.26	327 38 1.92	44.252	+15.74	− 35.3	11 1 41.09	−64.19	+ 6 36 22.1	....
29	Venus I, N.	7	44 29.06	+ 0.02	− 1.26	313 45 55.68	46.090	+15.95	− 58.0	11 44 27.82	+ 1.91	− 7 15 25.1	....
30	Mercury I, C.	7	35 56.05	+ 0.02	− 1.27	314 25 56.50	46.084	+16.19	− 56.5	12 35 54.80	+ 0.24	− 6 35 22.8	....
31	σ Ophiuchi	7	21 45.67	+ 0.03	[− **1.22**]	325 13 56.62	48.268	+15.63	− 38.8	17 21 44.43	.....	+ 4 13 44.4	....
32	51 Ophiuchi	7	25 34.16	− 0.15	− 1.27	297 9 55.00	43.775	+15.63	−1 48.5	17 25 32.74	− 2.96	−23 53 9.5	− 6.0
33	ν^1 Draconis	7	30 17.84	+ 0.41	− 1.27	16 16 0.98	45.045	+15.63	+ 16.4	17 30 16.98	− 1.13	+55 15 30.1	−26.4
34	ο Serpentis	7	36 1.88	− 0.07	− 1.27	308 11 55.75	47.195	+15.63	−1 11.0	17 36 0.54	− 2.77	−12 49 13.6	−10.6
35	μ Herculis	.	.. ..	....	....	348 47 59.52	45.130	+15.63	− 11.1	17 42	.....	+27 47 3.2	....
36	89 Herculis	7	51 33.65	+ 0.15	[− **1.20**]	347 3 58.00	48.600	+15.63	− 12.8	17 51 32.53	.....	+26 4 19.3	....
37	67 Ophiuchi	7	55 51.05	+ 0.02	− 1.27	323 57 57.88	44.950	+15.63	− 40.8	17 55 49.80	.....	+ 2 56 28.1	....
38	δ Ursæ Minoris	7	3 22.73	+ 4.43	− 1.27	47 36 1.15	47.760	+15.63	+1 1.8	18 3 25.89	.....	+86 37 17.8	....
39	η Serpentis	7	16 21.49	− 0.01	− **1.28**	318 5 59.00	46.360	+15.63	− 50.4	18 16 20.21	.....	− 2 55 8.4	....
40	χ Draconis	7	22 49.73	+ 0.87	− 1.27	33 41 59.95	45.380	+15.63	+ 37.7	18 22 49.33	.....	+72 41 57.7	....
41	3 H. Scuti	7	29 59.96	− 0.04	− **1.24**	312 43 56.48	43.522	+15.63	−1 0.8	18 29 58.64	.....	− 8 18 26.2	....
42	156 H^1. Draconis	6	34 27.20	+ 1.22	− 1.28	38 28 0.18	47.262	+15.63	+ 44.9	18 34 27.14	− 0.79	+77 28 48.4	−29.1
43	ε^1 Lyræ (*south*)	7	41 10.92	+ 0.24	− 1.28	0 33 58.90	48.750	+15.63	+ 0.6	18 41 9.88	− 2.31	+39 34 36.9	−27.9
44	24 H. Camelopardalis S. P.	7	46 1.56	− 1.10	− 1.28	63 52 2.22	48.178	+15.63	+1 54.8	6 45 59.18	− 3.31	+77 5 37.8	+25.9
45	ξ Sagittarii	7	52 1.29	− 0.13	− 1.28	299 47 55.70	46.812	+15.63	−1 37.8	18 51 59.88	− 3.28	−21 13 48.7	−13.2
46	ζ Sagittarii	7	56 31.46	− 0.20	− 1.28	291 1 55.25	45.915	+15.63	−2 24.9	18 56 29.98	.....	−30 0 56.8	....
47	λ Aquilæ	7	1 10.46	− 0.02	− **1.30**	315 59 56.00	46.092	+15.63	− 54.2	19 1 9.16	.....	− 5 1 21.4	....
48	19 Lyræ	5	8 6.53	+ 0.18	− 1.28	352 7 59.38	46.920	+15.63	− 7.7	19 8 5.43	− 2.64	+31 7 47.0	−27.4
49	τ Draconis	7	17 28.08	+ 0.90	− 1.28	34 10 0.92	48.175	+15.63	+ 38.4	19 17 27.70	.....	+73 11 3.6	....
50	6 Vulpeculæ	7	24 44.14	+ 0.14	− 1.28	345 29 58.80	44.030	+15.63	− 14.5	19 24 43.00	.....	+24 28 33.9	....
51	μ Aquilæ	7	29 25.38	+ 0.04	− **1.32**	328 11 56.92	45.558	+15.63	− 34.9	19 29 24.14	.....	+ 7 10 46.7	....
52	θ Cygni	7	33 54.14	+ 0.34	− 1.28	11 0 0.00	47.440	+15.63	+ 11.0	19 33 53.20	.....	+50 0 18.5	....
53	10 Vulpeculæ	7	39 45.00	+ 0.14	− 1.28	346 33 58.70	44.765	+15.63	− 13.4	19 39 43.86	− 2.90	+25 32 51.7	−27.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 3 53	29.98	55.1	53.7
4 14	.....	....	53.3
4 49	.....	....	53.9
4 55	29.99	55.0	54.8
5 20	.....	....	53.8
5 32	30.01	55.3	53.3
5 51	.....	....	54.2
6 17	30.02	57.7	56.1
7 11 0	30.03	71.0	70.1
13 0	30.00	73.8	72.2
17 22	30.00	69.8	67.8
17 52	.....	....	66.0
18 16	30.00	66.8	65.2
18 41	.....	....	64.7
19 1	.....	....	64.9
19 25	.....	....	64.8

Micrometer bisections are made at II, VI, except as noted below.

2, 3, 9, 10, 13, 16, 17, 19, 20, 34.	Bisections at I, II.
12.	Bisections at VI, VII.
15, 42, 49.	Bisections at III, V.
25, 38.	Bisections at b_3, b_5, b_7.
27.	Bisections at I, II, III.
28.	Bisections at V, VI, VII.
29.	Bisections at I, VI, VII.
30.	Bisections at I, II, VI, VII.
37.	Bisection at VI.
48.	Bisection at II.
51.	Bisections at II, VII.

Notes.

1, 2, 3.	Degrees and minutes of circle reading assumed.
8.	Circle reading increased 20′.
25.	Faint and unsteady.
38.	Circle reading increased 30′.
43.	Assumed that south star was observed as directed on the observing list.
43, 44.	Micrometer reading increased 5 rev.
46–53.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
27	+ 4.7	+15 53.8	...	+15 58.5
28	+ 4.6	−15 53.7	...	−15 49.1
29	+ 21.1	− 28.5	...	− 7.4
30	+ 6.5	.. ...	− 0.6	+ 5.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Sagittæ	7	43 7.90	+ 0.10	− **1.24**	339 17 58.12	48.490	+15.63	− 21.2	19 43 6.72	.....	+18 18 8.9	....
2	η Aquilæ	7	47 36.33	+ 0.01	− 1.28	321 47 56.75	43.385	+15.63	− 44.3	19 47 35.06	− 3.15	+ 0 45 47.4	−22.5
3	φ Aquilæ	7	51 42.96	+ 0.06	− 1.28	332 11 56.85	44.355	+15.63	− 29.7	19 51 41.74	− 3.07	+11 10 24.3	−24.9
	September 10, L.												
4	Sun I, N	4	10 21.99	+ 0.06	− 1.38	326 30 4.00	45.265	+16.77	− 37.0	11 10 20.67	+64.17	+ 5 28 45.5	....
5	Sun II, S	6	12 30.34	+ 0.06	− 1.38	325 58 7.00	45.582	+16.77	− 36.8	11 12 29.02	−64.18	+ 4 56 57.1	....
6	Venus I, N	7	38 51.93	0.00	− 1.38	314 3 54.95	44.889	+16.77	− 56.2	11 38 50.55	+ 1.96	− 6 57 50.7	....
7	Mercury C, C	7	45 6.06	0.00	− 1.38	313 1 54.38	43.143	+16.77	− 58.1	12 45 4.68	+ 0.09	− 8 0 32.8	....
8	*u* Herculis	7	13 47.44	+ 0.16	− 1.38	354 13 58.12	43.870	+17.07	− 5.5	17 13 46.22	− 1.65	+33 12 40.0	−22.5
9	*w* Herculis	7	17 4.71	+ 0.15	− 1.38	353 35 58.98	47.185	+17.07	− 6.0	17 17 3.48	.....	+32 35 56.1	....
10	σ Ophiuchi	7	21 45.77	+ 0.04	[− **1.38**]	325 13 55.02	48.248	+17.07	− 37.8	17 21 44.43	.....	+ 4 13 44.7	....
11	ν^1 Draconis	7	30 18.02	+ 0.32	− 1.38	16 15 59.22	45.065	+17.07	+ 16.0	17 30 16.96	− 1.02	+55 15 30.0	−26.6
12	β Ophiuchi	7	38 44.58	+ 0.04	[− **1.36**]	325 37 54.78	45.638	+17.07	− 37.3	17 38 43.24	.....	+ 4 36 45.0	....
13	μ Herculis	7	42 42.94	+ 0.13	[− **1.35**]	348 47 56.40	45.188	+17.07	− 10.8	17 42 41.69	.....	+27 47 3.1	....
14	*z* Herculis	7	47 33.71	+ 0.25	− 1.38	0 25 57.88	45.915	+17.07	+ 9.2	17 47 32.58	− 1.50	+48 25 41.1	−27.0
15	89 Herculis	7	51 33.75	+ 0.12	[− **1.34**]	347 3 55.90	48.625	+17.07	− 12.5	17 51 32.49	.....	+26 4 19.5	....
16	67 Ophiuchi	7	55 51.11	+ 0.04	− 1.38	323 57 55.38	44.955	+17.07	− 39.7	17 55 49.77	.....	+ 2 56 28.0	....
17	72 Ophiuchi	7	2 48.86	+ 0.06	− **1.40**	330 33 55.12	46.852	+17.07	− 30.8	18 2 47.54	.....	+ 9 33 19.9	....
18	40 Draconis	6	7 17.52	+ 1.14	− 1.38	40 59 58.18	44.505	+17.07	+ 47.7	18 7 17.28	+ 1.24	+79 59 47.6	−28.4
19	η Serpentis	7	16 21.58	+ 0.01	− **1.45**	318 5 56.18	46.318	+17.07	− 49.0	18 16 20.21	.....	− 2 55 9.4	....
20	χ Draconis	7	22 50.04	+ 0.65	− 1.38	33 41 57.95	45.422	+17.07	+ 36.7	18 22 49.31	.....	+72 41 57.1	....
21	3 H. Scuti	7	30 0.07	− 0.01	− **1.43**	312 43 54.75	43.420	+17.07	− 59.2	18 29 58.68	.....	− 8 18 27.2	....
22	156 H^1. Draconis	6	34 27.31	+ 0.91	− 1.38	38 27 58.82	47.335	+17.07	+ 43.7	18 34 26.84	− 0.50	+77 28 48.5	−29.5
23	ε^1 Lyræ (*south*)	7	41 11.09	+ 0.19	− 1.38	0 33 56.55	48.790	+17.07	+ 0.6	18 41 9.90	− 2.25	+39 34 36.9	−28.3
24	24 H. Camelopardalis S. P.	6	46 1.44	− 0.81	− 1.38	63 51 59.58	48.375	+17.07	+1 51.9	6 45 59.25	− 3.61	+77 5 37.9	+26.3
25	51 H. Cephei S. P.	7	55 24.51	− 3.88	− 1.38	53 47 59.02	44.818	+17.07	+1 15.2	6 55 19.25	.....	+87 11 36.1	....
26	λ Aquilæ	7	1 10.50	0.00	− **1.40**	315 59 54.10	45.990	+17.07	− 53.0	19 1 9.12	.....	− 5 1 22.5	....
27	19 Lyræ	7	8 6.64	+ 0.15	− 1.38	352 7 57.50	46.915	+17.07	− 7.5	19 8 5.41	− 2.58	+31 7 47.0	−27.8
28	λ Ursæ Minoris	5	18 56.72	+10.98	− 1.39	49 59 58.45	44.550	+17.07	+1 5.7	19 19 6.31	.....	+89 0 6.8	....
29	μ Aquilæ	7	29 25.33	+ 0.05	− **1.32**	328 11 53.80	45.575	+17.07	− 34.1	19 29 23.99	.....	+ 7 10 46.2	....
30	θ Cygni	7	33 54.25	+ 0.26	− 1.39	10 59 58.32	47.452	+17.07	+ 10.8	19 33 53.12	.....	+50 0 18.3	....
	September 10, Ei.-Y.												
31	ρ Capricorni	7	23 24.43	− 0.05	− **1.16**	302 53 52.88	46.470	+16.94	−1 25.0	20 23 23.20	.....	−18 7 45.3	....
32	ε Delphini	7	28 39.11	+ 0.07	− **1.20**	331 59 54.38	45.498	+16.94	− 29.3	20 28 38.00	.....	+10 58 49.6	....
33	B. D.−21°5802	7	36 33.58	− 0.07	− 1.18	299 25 51.20	43.950	+17.65	−1 37.4	20 36 32.33	− 3.54	−21 36 56.2	−19.4
34	ε Aquarii	7	42 30.20	− 0.01	− **1.20**	311 11 52.02	43.032	+16.94	−1 3.0	20 42 29.01	.....	− 9 50 42.7	....
35	B. D.−21°5852	7	46 50.76	− 0.07	− 1.18	299 27 54.35	42.622	+16.94	−1 37.3	20 46 49.51	− 3.55	−21 35 24.0	−19.9
36	B. D.−15°5833	7	49 36.52	− 0.04	− 1.18	305 23 53.28	43.505	+16.94	−1 17.5	20 49 35.30	− 3.48	−15 38 45.2	−21.3
37	B. D.−11°5484	7	54 2.89	− 0.01	− 1.18	309 55 53.58	47.560	+16.94	−1 5.7	20 54 1.70	− 3.44	−11 5 0.4	−22.4
38	B. D.−16°5769	7	57 15.29	− 0.04	− 1.18	305 11 52.80	43.170	+16.94	−1 18.0	20 57 14.07	− 3.49	−15 50 53.8	−21.5
39	B. D.−19°6024	7	2 4.89	− 0.05	− 1.18	301 33 53.05	45.342	+16.94	−1 29.5	21 2 3.66	− 3.54	−19 28 15.4	−21.0
40	B. D.−17°6196	7	5 1.79	− 0.04	− 1.18	303 41 53.10	43.680	+16.94	−1 22.5	21 5 0.57	− 3.52	−17 20 46.3	−21.5
41	B. D.−13°5881	7	8 54.45	− 0.02	− 1.18	308 9 52.88	46.090	+16.94	−1 10.1	21 8 53.25	− 3.48	−12 51 39.1	−22.5
42	B. D.−18°5903	7	12 35.73	− 0.04	− 1.18	302 39 52.02	42.888	+16.94	−1 25.9	21 12 34.51	− 3.54	−18 23 8.9	−21.7
43	B. D.−20°6192	7	15 59.72	− 0.05	− 1.18	301 5 53.38	46.005	+16.94	−1 31.2	21 15 58.49	− 3.56	−19 56 1.6	−21.5
44	B. D.−17°6262	7	19 52.72	− 0.04	− 1.18	304 13 53.68	43.500	+16.94	−1 21.0	21 19 51.50	− 3.53	−16 48 48.8	−22.2
45	B. D.−21°6020	7	21 49.79	− 0.06	− 1.18	299 25 52.72	44.802	+16.94	−1 37.4	21 21 48.55	− 3.59	−21 36 35.9	−21.4
46	B. D.−19°6107	7	24 37.81	− 0.05	− 1.18	301 27 52.65	46.265	+16.94	−1 29.9	21 24 36.58	− 3.57	−19 33 55.1	−21.9
47	B. D.−20°6237	7	29 29.11	− 0.05	− 1.18	300 31 52.95	44.480	+16.94	−1 33.3	21 29 27.88	− 3.58	−20 30 39.0	−21.9
48	ξ Aquarii	7	32 40.02	0.00	− **1.17**	312 43 53.85	47.398	+16.94	− 59.7	21 32 38.84	.....	− 8 16 57.8	....
49	B. D.−12°6065	7	36 50.54	− 0.01	− 1.18	308 19 52.88	47.455	+16.94	−1 9.7	21 36 49.35	− 3.52	−12 41 7.5	−23.4
50	B. D.−16°5933	7	39 3.97	− 0.03	− 1.18	304 37 53.88	44.190	+16.94	−1 19.8	21 39 2.76	− 3.55	−16 24 31.2	−22.9
51	B. D.−18°6013	7	42 27.28	− 0.04	− 1.18	302 21 52.18	47.585	+16.94	−1 26.9	21 42 26.06	− 3.57	−18 39 22.4	−22.6
52	B. D.− 9°5854	7	45 30.14	0.00	− 1.18	311 35 52.25	45.672	+16.94	−1 2.1	21 45 28.96	− 3.51	− 9 25 41.3	−24.0
53	B. D.−10°5785	7	48 29.61	0.00	− 1.18	310 15 52.68	45.698	+16.94	−1 5.1	21 48 28.43	− 3.52	−10 45 43.3	−23.9
54	B. D.−15°6103	7	52 35.53	− 0.02	− 1.18	305 27 53.55	43.655	+16.94	−1 17.4	21 52 34.33	− 3.55	−15 34 41.4	−23.3
55	B. D.−16°5998	7	56 20.64	− 0.02	− 1.19	304 57 54.35	44.660	+16.94	−1 18.8	21 56 19.43	− 3.55	−16 4 19.0	−23.4
56	B. D.− 9°5908	7	59 27.96	+ 0.01	− 1.19	311 49 51.52	48.115	+16.94	−1 1.6	21 59 26.78	− 3.52	− 9 10 45.7	−24.2
57	B. D.−18°6075	7	3 0.58	− 0.04	− 1.19	302 43 52.68	45.700	+16.94	−1 25.7	22 2 59.35	− 3.57	−18 18 3.8	−23.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 19 52	30.01	65.2	64.7
10 11 12	29.98	79.0	79.5
11 39	......	....	81.9
12 45	29.95	82.2	82.4
17 14	29.92	80.8	80.1
17 52	29.93	79.2	79.0
18 30	......	....	77.2
19 1	29.93	76.9	76.0
19 34	29.93	76.1	75.1
20 25	29.93	74.8	73.6
20 59	......	....	73.6
21 26	29.93	74.0	73.0

Micrometer bisections are made at II, VI, except as noted below.

1, 22, 26.	Bisections at VI, VII.
4.	Bisections at I, II, III.
5.	Bisections at V, VI, VII.
6.	Bisections at I, II, VI, VII.
7.	Bisections at II, VI, VII.
11.	Bisections at III, VI.
12, 44.	Bisections at I, II.
18, 24.	Bisections at III, V.
25.	Bisections at b_5, b_7, b_9.
28.	Bisections at b_3, b_5, b_7.

Notes.

1-3.	Clouds.
9.	Circle reading increased 30′.
23.	Assumed that south star was observed as directed on observing list.
24, 28.	Poor.
33.	Faint; two microscopes used.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 4.8	−15 54.1	...	−15 49.3
5	+ 4.9	+15 54.2	...	+15 59.1
6	+ 21.5	− 29.3	...	− 7.8
7	+ 7.1	.. ....	− 0.7	+ 6.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 4°5623	7	5 23.09	+ 0.03	− 1.19	316 39 52.92	44.998	+16.94	− 52.1	22 5 21.93	− 3.51	− 4 21 46.0	−24.8
2	B. D.− 7°5727	7	7 41.61	+ 0.02	− 1.19	314 3 53.72	48.482	+16.94	− 57.0	22 7 40.44	− 3.52	− 6 56 30.5	−24.4
3	B. B.−12°6227	7	11 39.51	0.00	− 1.19	308 53 52.85	46.380	+16.94	−1 8.4	22 11 38.32	− 3.53	−12 7 30.8	−24.1
4	B. D.−14°6255	7	13 53.18	− 0.01	− 1.19	307 15 54.35	42.458	+16.94	−1 12.6	22 13 51.98	− 3.54	−13 47 3.1	−23.9
5	B. D.− 4°5663	7	17 40.26	+ 0.03	− 1.19	316 47 53.35	46.585	+16.94	− 51.9	22 17 39.10	− 3.52	− 4 13 9.1	−24.8
6	B. D.− 3°5443	7	21 18.35	+ 0.04	− 1.19	317 43 54.42	48.505	+16.94	− 50.2	22 21 17.20	− 3.53	− 3 16 22.5	−24.9
7	B. D.−10°5929	7	24 16.04	+ 0.01	− 1.19	310 51 52.02	47.228	+16.94	−1 3.8	22 24 14.86	− 3.53	−10 9 7.6	−24.4
8	B. D.− 3°5460	7	26 22.23	+ 0.04	− 1.19	317 37 53.82	44.105	+16.94	− 50.4	22 26 21.08	− 3.53	− 3 24 3.8	−24.9
9	B. D.−12°6315	7	32 2.27	0.00	− 1.19	308 47 53.68	46.095	+16.94	−1 8.7	22 32 1.08	− 3.53	−12 13 36.8	−24.2
10	B. D.− 4°5728	7	35 51.53	+ 0.04	− 1.19	316 57 53.42	46.620	+16.94	− 51.6	22 35 50.38	− 3.54	− 4 3 8.0	−24.8
11	η Pegasi	7	38 32.09	+ 0.16	− **1.13**	350 43 56.28	45.670	+16.94	− 9.0	22 38 31.06	.....	+29 43 15.7	....
12	λ Pegasi	7	41 56.28	+ 0.14	− **1.18**	344 3 55.78	47.220	+16.94	− 15.8	22 41 55.23	.....	+23 3 43.8	....
13	Jupiter I, C	5	19 55.05	+ 0.04	− 1.19	315 1 54.30	43.306	+16.94	− 55.3	23 19 53.90	+ 1.65	− 5 58 43.6	....
14	Jupiter II	5	19 58.35	+ 0.04	− 1.19	... .	......	.....	. ....	23 19 57.20	− 1.65	.. ..	....
15	ι Piscium	7	35 2.38	+ 0.08	− **1.19**	326 7 54.22	44.800	+16.94	− 37.2	23 35 1.27	.....	+ 5 6 25.6	....
16	i¹ Aquarii	7	39 14.95	− 0.02	− **1.17**	302 13 52.80	44.582	+16.94	−1 27.7	23 39 13.74	.....	−18 48 31.2	....
17	B. D.+ 1°4773	7	43 56.08	+ 0.07	− 1.19	322 41 55.05	46.405	+16.94	− 42.2	23 43 54.96	− 3.55	+ 1 40 58.1	−23.3
18	B. D.+ 4°5066	7	49 12.08	+ 0.08	− 1.19	325 21 54.50	44.590	+16.94	− 38.3	23 49 10.97	− 3.57	+ 4 20 20.0	−22.9
19	B. D.+ 2°4736	7	52 12.74	+ 0.07	− 1.19	323 33 55.02	44.572	+16.94	− 40.9	23 52 11.62	− 3.55	+ 2 32 17.5	−23.0
20	B. D.− 0°4603	7	55 45.36	+ 0.06	− 1.19	320 41 53.02	47.655	+16.94	− 45.3	23 55 44.23	− 3.52	− 0 18 38.4	−23.0
21	B. D.+ 3°4926	7	58 46.80	+ 0.08	− 1.19	324 21 54.48	50.138	+16.94	− 39.7	23 58 45.69	− 3.56	+ 3 22 25.4	−22.6
22	B. D.+ 6°5242	7	2 10.68	+ 0.09	− 1.19	327 21 54.68	45.040	+16.94	− 35.5	0 2 9.58	− 3.59	+ 6 20 33.3	−22.2
23	B. D.+ 1°12	7	5 47.24	+ 0.07	− 1.19	322 31 54.78	47.315	+16.94	− 42.5	0 5 46.12	− 3.53	+ 1 31 18.4	−22.5
24	35 Piscium	7	10 3.77	+ 0.10	− 1.19	329 17 55.30	46.918	+16.94	− 32.9	0 10 2.68	− 3.61	+ 8 17 19.4	−21.6
25	B. D.− 2°34	7	13 25.16	+ 0.05	− 1.19	318 27 55.55	47.250	+16.94	− 49.1	0 13 24.02	− 3.47	− 2 32 48.9	−22.5
26	B. D.− 5°49	7	17 21.88	+ 0.04	− 1.19	315 17 53.85	46.118	+16.94	− 54.8	0 17 20.73	− 3.43	− 5 43 22.2	−22.7
27	B. D.+ 5°52	7	21 23.76	+ 0.08	− 1.19	326 35 53.68	43.180	+16.94	− 36.6	0 21 22.65	− 3.56	+ 5 33 48.7	−21.3
28	B. D.− 1°52	7	25 1.20	+ 0.06	− 1.19	319 21 54.08	47.485	+16.94	− 47.6	0 25 0.07	− 3.46	− 1 38 43.5	−22.0
29	B. D.− 3°67	7	29 22.95	+ 0.05	− 1.19	318 5 55.82	45.702	+16.94	− 49.8	0 29 21.81	− 3.44	− 2 55 24.7	−22.0
30	B. D.− 4°64	7	32 4.47	+ 0.05	− 1.19	317 5 54.42	45.140	+16.94	− 51.5	0 32 3.33	− 3.42	− 3 55 40.7	−21.9
31	B. D.− 2°87	7	35 39.86	+ 0.05	− 1.19	318 43 53.95	44.868	+16.94	− 48.7	0 35 38.72	− 3.43	− 2 17 44.6	−21.6
32	B. D.− 0°109	7	40 15.74	+ 0.06	− 1.19	320 45 53.92	43.458	+16.94	− 45.3	0 40 14.61	− 3.44	− 0 16 13.4	−21.1
33	B. D.+ 6°105	7	43 20.09	+ 0.09	− 1.19	327 47 54.42	45.050	+16.94	− 35.0	0 43 18.99	− 3.54	+ 6 46 33.7	−19.9
34	B. D.+10°105	7	48 51.40	+ 0.10	− 1.19	331 37 55.00	43.625	+16.94	− 30.0	0 48 50.31	− 3.59	+10 36 6.7	−19.0
35	B. D.+11°120	7	52 21.54	+ 0.11	− 1.19	332 55 55.22	44.932	+16.94	− 28.4	0 52 20.46	− 3.61	+11 54 38.4	−18.6
36	B. D.+ 5°131	7	54 52.58	+ 0.09	− 1.19	326 59 55.00	43.445	+16.94	− 36.1	0 54 51.48	− 3.50	+ 5 57 56.5	−19.4
37	B. D.+ 8°159	7	57 43.49	+ 0.10	− 1.19	329 37 54.95	46.220	+16.94	− 32.5	0 57 42.40	− 3.54	+ 8 37 3.5	−18.8
38	72 Piscium	7	0 2.79	+ 0.12	− 1.19	335 25 54.60	47.855	+16.94	− 25.4	1 0 1.72	− 3.65	+14 25 47.2	−17.6
39	B. D.+ 7°167	7	1 39.39	+ 0.09	− 1.19	328 51 53.40	45.772	+16.94	− 33.6	1 1 38.29	− 3.52	+ 7 50 50.6	−18.6
40	B. D.+ 1°221	7	5 38.65	+ 0.07	− 1.19	322 57 54.55	44.198	+16.94	− 41.9	1 5 37.53	− 3.41	+ 1 56 7.1	−19.4
41	B. D.+ 1°223	7	7 36.72	+ 0.07	− 1.19	322 59 53.98	43.602	+16.94	− 41.9	1 7 35.60	− 3.41	+ 1 57 53.3	−19.3
42	B. D.+16°129	7	11 5.41	+ 0.13	− 1.19	338 7 56.02	47.225	+16.94	− 22.3	1 11 4.35	− 3.68	+17 7 37.7	−16.2
43	B. D.+14°204	7	15 35.40	+ 0.12	− 1.19	336 13 54.30	41.882	+16.94	− 24.5	1 15 34.33	− 3.63	+15 11 31.7	−16.3
44	B. D.+10°171	7	17 51.15	+ 0.10	− 1.19	331 53 54.52	43.138	+16.94	− 29.7	1 17 50.06	− 3.54	+10 51 55.4	−17.0
45	B. D.+10°185	7	21 58.66	+ 0.10	− 1.19	331 53 54.50	43.702	+16.94	− 29.7	1 21 57.57	− 3.53	+10 52 8.3	−16.7
46	μ Piscium	7	25 10.64	+ 0.08	− 1.19	326 39 53.48	46.118	+16.94	− 36.6	1 25 9.53	− 3.42	+ 5 38 55.6	−17.6
47	B. D.+ 3°215	7	28 48.45	+ 0.08	− 1.19	324 17 55.30	45.778	+16.94	− 39.9	1 28 47.34	− 3.37	+ 3 16 46.4	−17.8
48	π Piscium	7	32 1.90	+ 0.11	− **1.19**	332 39 53.50	45.975	+16.94	− 28.7	1 32 0.82	.....	+11 39 0.2	....
49	ν Piscium	7	36 27.46	+ 0.08	− **1.20**	326 1 54.95	43.962	+16.94	− 37.5	1 36 26.35	.....	+ 5 0 6.9	....
	September 10, R.												
50	Moon II, N	7	25 9.22	+ 0.11	− 1.25	332 17 55.65	46.894	+16.94	− 29.2	2 25 8.08	−65.52	+11 17 22.9	....
	September 11, R.												
51	Sun I, N	7	13 57.77	+ 0.08	− 1.25	326 7 56.00	43.533	+17.65	− 36.6	11 13 56.60	+63.97	+ 5 5 59.2	....
52	Sun II, S	7	16 5.71	+ 0.08	− 1.25	325 35 55.55	44.072	+17.65	− 37.3	11 16 4.54	−63.97	+ 4 34 11.5	....
53	β Draconis	7	28 16.53	+ 0.24	− 1.26	13 23 54.45	43.690	+17.03	+ 13.1	17 28 15.51	.....	+52 22 51.0	....
54	β Ophiuchi	7	38 44.39	+ 0.05	[− **1.20**]	325 37 51.72	45.748	+17.03	− 37.4	17 38 43.18	.....	+ 4 36 44.7	....
55	87 Herculis	7	44 56.31	+ 0.11	− 1.26	346 39 52.68	47.092	+17.03	− 12.9	17 44 55.16	− 2.03	+25 39 40.8	−23.0
56	ξ Draconis	7	51 53.11	+ 0.28	− 1.26	17 53 55.05	45.875	+17.03	+ 17.8	17 51 52.13	.....	+56 53 45.9	....
57	70 Ophiuchi (*brighter*)	7	0 36.93	+ 0.04	− 1.26	323 33 52.10	42.930	+17.03	− 40.5	18 0 35.71	.....	+ 2 31 37.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 22 10	......	....	72.4
22 43	29.935	72.5	71.8
23 22	29.94	72.0	71.2
23 54	......	....	70.8
0 27	29.94	70.8	70.3
1 4	......	....	69.8
1 38	29.94	69.8	69.1
2 29	29.94	69.4	68.5
11 11 16	30.04	81.5	81.0
17 28	30.03	79.7	79.1
18 1	......	....	78.0

Micrometer bisections are made at II, VI, except as noted below.

13. Z. D. threads A used.
13. Bisections at I, II, VI, VII.
38, 40. Bisections at I, II.
50. Bisections at II, III, IV, V, VI.
51. Bisections at I, II, III.
52. Bisections at V, VI, VII.
53. Bisections at VI, VII.
54. Bisections at I, VII.

Note.

57. Assumed that brighter was observed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
13	+ 1.5	.. ....	...	+ 1.5
50	+26 6.2	−15 28.9	...	+10 37.3
51	+ 4.8	−15 53.8	...	−15 49.0
52	+ 4.9	+15 53.8	...	+15 58.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Serpentis	7	16 21.33	+ 0.02	− **1.22**	318 5 52.68	46.465	+17.03	− 49.3	18 16 20.09	....	− 2 55 9.8	....
2	3 H. Scuti	7	29 59.85	0.00	− **1.23**	312 43 51.25	43.590	+17.03	− 59.5	18 29 58.59	....	− 8 18 27.2	....
3	φ Sagittarii	7	39 40.40	− 0.07	− 1.26	293 57 49.60	44.288	+17.03	−2 3.0	18 39 39.07	....	−27 5 16.3	....
4	β Lyræ	6	46 33.38	+ 0.14	− 1.26	354 15 53.88	46.148	+17.03	− 5.5	18 46 32.26	....	+33 15 28.2	....
5	51 H. Cephei s. p.	6	55 23.60	− 3.08	− 1.26	53 47 55.02	44.930	+17.03	+1 15.4	6 55 19.26	....	+87 11 36.1	....
6	λ Ursæ Minoris	5	18 54.48	+ 8.75	− 1.26	49 59 54.95	44.770	+17.03	+1 5.8	19 19 1.97	....	+89 0 7.6	....
7	10 Vulpeculæ	7	39 44.94	+ 0.11	− 1.26	346 33 52.38	44.932	+17.03	− 13.1	19 39 43.79	− 2.84	+25 32 50.9	−27.8
8	α Aquilæ	4	46 7.32	+ 0.06	− **1.25**	329 37 52.48	46.535	+17.03	− 32.2	19 46 6.12	....	+ 8 37 9.1	....
	September 11, Ei.-Y.												
9	ε Aquarii	7	42 30.26	− 0.01	− **1.27**	311 11 49.65	43.140	+17.08	−1 3.1	20 42 29.04	....	− 9 50 42.6	....
10	μ Aquarii	7	47 30.00	0.00	− **1.21**	311 41 47.88	43.742	+17.08	−1 2.0	20 47 28.79	....	− 9 20 29.5	....
11	B. D.−15°5833	7	49 36.46	− 0.03	− 1.21	305 23 44.50	43.922	+17.08	−1 17.6	20 49 35.22	− 3.47	−15 38 44.4	−21.3
12	B. D.−11°5484	7	54 2.85	− 0.01	− 1.21	309 55 53.20	47.590	+17.08	−1 5.9	20 54 1.63	− 3.43	−11 5 0.2	−22.4
13	B. D.−16°5769	7	57 15.30	− 0.03	− 1.21	305 11 55.10	43.085	+17.08	−1 18.2	20 57 14.06	− 3.49	−15 50 53.5	−21.5
14	B. D.−19°6024	7	2 4.94	− 0.05	− 1.21	301 33 54.15	45.322	+17.08	−1 29.7	21 2 3.68	− 3.54	−19 28 14.8	−21.0
15	B. D.−17°6196	7	5 1.81	− 0.04	− 1.21	303 41 54.40	43.632	+17.08	−1 22.7	21 5 0.56	− 3.52	−17 20 46.2	−21.5
16	B. D.−13°5881	7	8 54.41	− 0.02	− 1.21	308 9 54.05	46.060	+17.08	−1 10.2	21 8 53.18	− 3.48	−12 51 38.6	−22.6
17	B. D.−18°5903	7	12 35.77	− 0.04	− 1.21	302 39 53.98	42.802	+17.08	−1 26.1	21 12 34.52	− 3.54	−18 23 9.0	−21.6
18	B. D.−20°6192	7	15 59.76	− 0.05	− 1.21	301 5 55.55	45.925	+17.08	−1 31.4	21 15 58.50	− 3.56	−19 56 1.3	−21.4
19	B. D.−17°6262	7	19 52.78	− 0.03	− 1.21	304 13 55.22	43.440	+17.08	−1 21.1	21 19 51.54	− 3.53	−16 48 48.5	−22.2
20	B. D.−21°6020	7	21 49.78	− 0.06	− 1.21	299 25 55.25	44.678	+17.08	−1 37.6	21 21 48.51	− 3.58	−21 36 36.3	−21.4
21	B. D.−19°6107	7	24 37.89	− 0.05	− 1.21	301 27 56.62	46.080	+17.08	−1 30.1	21 24 36.63	− 3.56	−19 33 55.4	−21.8
22	B. D.−20°6237	7	29 29.14	− 0.05	− 1.21	300 31 54.02	44.395	+17.08	−1 33.5	21 29 27.88	− 3.57	−20 30 39.9	−21.8
23	ξ Aquarii	7	32 40.04	0.00	− **1.20**	312 43 55.48	47.318	+17.08	− 59.8	21 32 38.83	....	− 8 16 58.0	....
24	B. D.−12°6065	7	36 50.50	− 0.02	− 1.21	308 19 54.20	47.398	+17.08	−1 9.8	21 36 49.27	− 3.51	−12 41 7.4	−23.4
25	B. D.−16°5933	7	39 3.99	− 0.03	− 1.21	304 37 54.80	44.138	+17.08	−1 19.9	21 39 2.75	− 3.54	−16 24 31.4	−22.8
26	B. D.−18°6013	7	42 27.27	− 0.04	− 1.21	302 21 54.28	47.472	+17.08	−1 27.0	21 42 26.02	− 3.56	−18 39 22.9	−22.6
27	B. D.− 9°5854	7	45 30.16	0.00	− 1.21	311 35 53.78	45.610	+17.08	−1 2.2	21 45 28.95	− 3.50	− 9 25 41.1	−24.0
28	B. D.−10°5785	7	48 29.64	− 0.01	− 1.21	310 15 55.15	45.578	+17.08	−1 5.2	21 48 28.42	− 3.51	−10 45 43.5	−23.9
29	B. D.−15°6103	7	52 35.54	− 0.03	− 1.22	305 27 55.35	43.565	+17.08	−1 17.6	21 52 34.29	− 3.54	−15 34 41.7	−23.3
30	B. D.−16°5998	7	56 20.67	− 0.03	− 1.22	304 57 56.30	44.570	+17.08	−1 19.0	21 56 19.42	− 3.55	−16 4 19.2	−23.3
31	B. D.− 9°5908	7	59 27.95	0.00	− 1.22	311 49 54.60	48.005	+17.08	−1 1.7	21 59 26.73	− 3.52	− 9 10 45.1	−24.2
32	B. D.−18°6075	7	3 0.61	− 0.04	− 1.22	302 43 53.90	45.648	+17.08	−1 25.9	22 2 59.35	− 3.56	−18 18 3.8	−23.2
33	B. D.− 4°5623	7	5 23.16	+ 0.01	− 1.22	316 39 54.85	44.915	+17.08	− 52.2	22 5 21.95	− 3.51	− 4 21 45.9	−24.8
34	B. D.− 7°5727	7	7 41.65	0.00	− 1.22	314 3 55.00	48.425	+17.08	− 57.1	22 7 40.43	− 3.52	− 6 56 30.5	−24.6
35	B. D.−12°6227	7	11 39.57	− 0.01	− 1.22	308 53 53.58	46.358	+17.08	−1 8.5	22 11 38.34	− 3.53	−12 7 30.5	−24.1
36	B. D.−14°6255	7	13 53.16	− 0.02	− 1.22	307 15 54.62	42.468	+17.08	−1 12.7	22 13 51.92	− 3.54	−13 47 2.6	−23.9
37	B. D.− 4°5663	7	17 40.29	+ 0.01	− 1.22	316 47 56.62	46.435	+17.08	− 51.9	22 17 39.08	− 3.52	− 4 13 9.2	−24.9
38	B. D.− 3°5443	7	21 18.44	+ 0.02	− 1.22	317 43 57.38	48.330	+17.08	− 50.3	22 21 17.24	− 3.53	− 3 16 23.1	−24.9
39	B. D.−10°5929	7	24 16.09	− 0.01	− 1.22	310 51 55.45	47.062	+17.08	−1 3.9	22 24 14.86	− 3.53	−10 9 8.0	−24.4
40	B. D.− 3°5460	7	26 22.29	+ 0.02	− 1.22	317 37 55.28	44.018	+17.08	− 50.5	22 26 21.09	− 3.53	− 3 24 4.3	−24.9
41	B. D.−12°6315	7	32 2.31	− 0.02	− 1.22	308 47 54.80	46.022	+17.08	−1 8.7	22 32 1.07	− 3.53	−12 13 37.2	−24.3
42	B. D.− 4°5728	7	35 51.56	+ 0.01	− 1.22	316 57 56.05	46.492	+17.08	− 51.6	22 35 50.35	− 3.54	− 4 3 8.1	−24.8
43	η Pegasi	7	38 32.18	+ 0.12	− **1.18**	350 43 57.70	45.630	+17.08	− 9.0	22 38 31.08	....	+29 43 16.3	....
44	λ Pegasi	7	41 56.33	+ 0.10	− **1.19**	344 3 56.00	47.190	+17.08	− 15.8	22 41 55.21	....	+23 3 43.5	....
45	Jupiter I, C	5	19 25.69	+ 0.01	− 1.22	314 59 55.15	40.214	+17.08	− 55.3	23 19 24.48	+ 1.66	− 6 1 53.3	....
46	Jupiter II	5	19 29.00	+ 0.01	− 1.22	... .	......	.....	. ....	23 19 27.79	− 1.65	.. ..	....
47	ι Piscium	7	35 2.48	+ 0.05	− **1.25**	326 7 54.90	44.760	+17.08	− 37.1	23 35 1.31	....	+ 5 6 25.6	....
48	ι¹ Aquarii	7	39 14.98	− 0.04	− **1.18**	302 13 54.00	44.525	+17.08	−1 27.6	23 39 13.72	....	−18 48 31.1	....
49	B. D.+ 1°4773	7	43 56.20	+ 0.04	− 1.22	322 41 56.15	46.355	+17.08	− 42.2	23 43 55.02	− 3.56	+ 1 40 58.2	−23.4
50	B. D.+ 4°5066	7	49 12.17	+ 0.05	− 1.22	325 21 55.95	44.498	+17.08	− 38.3	23 49 11.00	− 3.58	+ 4 20 19.5	−23.0
51	B. D.+ 2°4736	7	52 12.81	+ 0.05	− 1.22	323 33 57.68	44.442	+17.08	− 40.9	23 52 11.64	− 3.56	+ 2 32 17.4	−23.0
52	B. D.− 0°4603	7	55 45.49	+ 0.04	− 1.22	320 41 55.55	47.515	+17.08	− 45.3	23 55 44.31	− 3.53	− 0 18 39.0	−23.1
53	B. D.+ 3°4926	7	58 46.81	+ 0.05	− 1.22	324 23 56.50	44.780	+17.08	− 39.7	23 58 45.64	− 3.56	+ 3 22 25.1	−22.7
54	B. D.+ 6°5242	7	2 10.69	+ 0.06	− 1.22	327 21 56.08	44.972	+17.08	− 35.5	0 2 9.53	− 3.60	+ 6 20 33.2	−22.3
55	B. D.+ 1°12	7	5 47.27	+ 0.04	− 1.22	322 31 58.15	47.115	+17.08	− 42.4	0 5 46.09	− 3.54	+ 1 31 17.8	−22.6
56	35 Piscium	7	10 3.80	+ 0.07	− 1.22	329 17 57.35	46.790	+17.08	− 32.9	0 10 2.65	− 3.62	+ 8 17 18.7	−21.7
57	B. D.− 2°34	7	13 25.21	+ 0.03	− 1.22	318 27 56.68	47.178	+17.08	− 49.0	0 13 24.02	− 3.48	− 2 32 49.2	−22.6
58	B. D.− 5°49	7	17 21.95	+ 0.02	− 1.22	315 17 56.28	45.952	+17.08	− 54.8	0 17 20.75	− 3.44	− 5 43 23.4	−22.7
59	B. D.+ 5°52	7	21 23.79	+ 0.06	− 1.22	326 35 55.92	43.092	+17.08	− 36.5	0 21 22.63	− 3.57	+ 5 33 49.1	−21.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 18 30	30.04	77.1	76.6
19 28	......	....	76.3
19 53	30.05	76.1	76.1
20 39	30.055	75.2	75.0
20 59	......	....	74.4
21 26	30.065	74.8	74.5
22 10	......	....	73.8
22 43	[illegible]	74.0	73.9
23 37	[illegible]	73.5	73.8
23 54	......	....	73.3

Micrometer bisections are made at II, VI, except as noted below.

4, 38, 55. Bisections at VI, VII.
5. Bisections at II, III.
6. Bisections at IV, V.
8. Bisection at VII.
19. Bisections at I, II.
45. Z. D. threads A used.
45. Bisections at I, II, VI, VII.

Notes.

4, 44, 59. Through clouds.
48. Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
45	+ 1.5	.. ....	...	+ 1.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 1°52	7	25 1.31	+ 0.04	− 1.22	319 21 55.88	47.362	+17.08	− 47.5	0 25 0.13	− 3.47	− 1 38 44.3	−22.0
2	B. D.− 3°67	7	29 23.02	+ 0.04	− 1.22	318 5 57.82	45.620	+17.08	− 49.7	0 29 21.84	− 3.45	− 2 55 24.4	−22.0
3	B. D.− 4°64	7	32 4.55	+ 0.03	− 1.22	317 5 54.80	45.102	+17.08	− 51.5	0 32 3.36	− 3.43	− 3 55 41.0	−22.0
4	B. D.− 2°87	7	35 39.92	+ 0.04	− 1.22	318 43 56.75	44.758	+17.08	− 48.6	0 35 38.74	− 3.44	− 2 17 44.1	−21.6
5	B. D.− 0°109	7	40 15.79	+ 0.04	− 1.22	320 45 54.98	43.420	+17.08	− 45.3	0 40 14.61	− 3.46	− 0 16 13.0	−21.2
6	B. D.+ 6°105	7	43 20.05	+ 0.07	− 1.22	327 47 55.60	45.022	+17.08	− 34.9	0 43 18.90	− 3.55	+ 6 46 34.5	−20.0
7	B. D.+ 1°151	7	46 33.80	+ 0.05	− 1.22	322 53 54.08	44.525	+17.08	− 41.9	0 46 32.63	− 3.47	+ 1 52 14.7	−20.6
8	B. D.+10°105	7	48 51.46	+ 0.08	− 1.22	331 37 56.12	43.558	+17.08	− 29.9	0 48 50.32	− 3.61	+10 36 6.6	−19.1
9	B. D.+11°120	7	52 21.63	+ 0.09	− 1.22	332 55 56.48	44.882	+17.08	− 28.3	0 52 20.50	− 3.62	+11 54 38.8	−18.7
10	B. D.+ 5°131	7	54 52.64	+ 0.07	− 1.22	326 59 56.58	43.365	+17.08	− 36.0	0 54 51.49	− 3.52	+ 5 57 56.5	−19.5
11	B. D.+ 8°159	7	57 43.62	+ 0.08	− 1.22	329 37 56.35	46.138	+17.08	− 32.5	0 57 42.48	− 3.56	+ 8 37 3.2	−18.9
12	72 Piscium	7	0 2.83	+ 0.10	− 1.22	335 25 56.18	47.780	+17.08	− 25.3	1 0 1.71	− 3.66	+14 25 47.7	−17.7
13	B. D.+ 1°221	7	5 38.66	+ 0.06	− 1.22	322 57 56.45	44.102	+17.08	− 41.8	1 5 37.50	− 3.43	+ 1 56 7.1	−19.5
14	B. D.+ 1°223	7	7 36.74	+ 0.06	− 1.22	322 59 57.12	43.450	+17.08	− 41.8	1 7 35.58	− 3.42	+ 1 57 53.2	−19.4
15	B. D.+16°129	7	11 5.43	+ 0.11	− 1.22	338 7 56.70	47.202	+17.08	− 22.2	1 11 4.32	− 3.70	+17 7 38.1	−16.4
16	B. D.+14°204	7	15 35.45	+ 0.10	− 1.22	336 13 56.35	41.750	+17.08	− 24.4	1 15 34.33	− 3.65	+15 11 31.0	−16.4
17	B. D.+10°171	7	17 51.15	+ 0.09	− 1.22	331 53 54.25	43.135	+17.08	− 29.6	1 17 50.02	− 3.55	+10 51 55.3	−17.1
18	B. D.+10°185	7	21 58.66	+ 0.09	− 1.22	331 53 53.80	43.705	+17.08	− 29.6	1 21 57.53	− 3.54	+10 52 7.9	−16.8
19	μ Piscium	7	25 10.69	+ 0.07	− 1.22	326 39 55.30	46.068	+17.08	− 36.5	1 25 9.54	− 3.44	+ 5 38 56.5	−17.6
20	B. D.+ 3°215	7	28 48.53	+ 0.07	− 1.22	324 17 55.72	45.725	+17.08	− 39.9	1 28 47.38	− 3.39	+ 3 16 45.7	−17.9
21	π Piscium	7	32 1.98	+ 0.10	− **1.25**	332 39 54.98	45.900	+17.08	− 28.7	1 32 0.86	.....	+11 39 0.2	....
22	ν Piscium	7	36 27.50	+ 0.07	− **1.22**	326 1 54.78	43.952	+17.08	− 37.4	1 36 26.35	.....	+ 5 0 6.8	....
	September 11, L.												
23	1 H^1. Camelopardalis	6	11 34.12	+ 0.42	− 1.43	26 17 56.18	45.375	+16.82	+ 27.7	3 11 33.11	− 6.24	+65 17 45.6	+ 8.0
24	Moon II, N	7	19 36.13	+ 0.11	− 1.43	335 21 52.45	44.938	+16.82	− 25.5	3 19 34.81	−67.13	+14 20 38.6	....
25	*f* Tauri	7	25 35.53	+ 0.10	− **1.50**	333 37 51.40	44.400	+16.82	− 27.6	3 25 34.20	.....	+12 36 23.1	....
26	τ^5 Eridani	7	29 34.11	− 0.02	− 1.43	299 5 50.22	43.445	+16.82	−1 39.8	3 29 32.66	.....	−21 57 12.0	....
27	δ Persei	7	36 6.44	+ 0.24	− 1.43	8 29 55.45	43.235	+16.82	+ 8.4	3 36 5.25	.....	+47 28 35.9	....
28	5 H. Camelopardalis	7	40 14.57	+ 0.53	− 1.43	32 1 55.10	45.280	+17.42	+ 35.1	3 40 13.67	.....	+71 1 49.8	....
29	ζ Ursæ Minoris s. p.	7	47 27.61	− 0.66	− 1.43	62 53 56.85	42.740	+16.82	+1 49.0	15 47 25.52	.....	+78 5 52.5	....
30	ξ Persei	7	52 45.03	+ 0.18	− 1.43	356 31 54.78	44.085	+16.82	− 3.3	3 52 43.78	.....	+35 30 43.5	....
31	ν Tauri	7	58 3.97	+ 0.08	− **1.48**	326 43 51.22	47.365	+16.82	− 36.6	3 58 2.62	.....	+ 5 43 21.3	....
32	*c* Persei	7	1 42.27	+ 0.24	− 1.43	8 27 56.52	44.565	+16.82	+ 8.4	4 1 41.08	.....	+47 27 7.9	....
33	o^1 Eridani	7	7 11.71	+ 0.04	− **1.42**	313 55 52.18	46.695	+16.82	− 57.8	4 7 10.32	.....	− 7 5 14.2	....
34	υ^4 Eridani	7	14 16.89	− 0.08	− 1.43	287 1 50.95	45.308	+16.82	−2 59.7	4 14 15.38	.....	−34 1 48.5	....
35	υ^5 Eridani	7	20 27.02	− 0.08	− 1.43	286 49 51.50	44.245	+16.82	−3 2.0	4 20 25.51	.....	−34 14 14.6	....
36	80 Tauri	7	24 40.94	+ 0.11	− 1.43	336 25 53.38	47.420	+16.82	− 24.3	4 24 39.62	− 2.87	+15 25 37.4	− 0.8
37	α Tauri	7	30 25.44	+ 0.12	− **1.45**	337 19 52.32	45.530	+16.82	− 23.3	4 30 24.13	.....	+16 18 54.2	....
38	τ Tauri	7	36 29.58	+ 0.14	− **1.40**	343 47 53.10	43.478	+16.82	− 16.2	4 36 28.29	.....	+22 46 15.1	....
39	μ Eridani	7	40 42.94	+ 0.05	[− **1.46**]	317 33 52.58	50.115	+16.82	− 51.0	4 40 41.56	.....	− 3 25 48.4	....
40	9 Camelopardalis	7	44 30.34	+ 0.43	− 1.43	27 11 56.88	41.868	+16.82	+ 28.8	4 44 29.34	.....	+66 10 26.8	....
41	π^5 Orionis	7	49 15.76	+ 0.07	[− **1.44**]	323 17 52.92	46.590	+16.82	− 41.6	4 49 14.40	.....	+ 2 17 0.7	....
42	10 Camelopardalis	7	54 52.74	+ 0.36	− 1.43	21 17 55.28	45.775	+16.82	+ 21.9	4 54 51.67	.....	+60 17 47.7	....
43	γ Orionis	7	19 59.47	+ 0.08	[− **1.48**]	327 17 53.60	43.018	+16.82	− 35.9	5 19 58.11	.....	+ 6 15 45.5	....
44	β Leporis	7	24 8.62	− 0.02	− 1.44	300 11 51.28	46.240	+16.82	−1 35.8	5 24 7.16	− 1.81	−20 50 2.7	− 7.9
45	α Leporis	7	28 30.46	0.00	[− **1.46**]	303 7 51.52	47.620	+16.82	−1 25.4	5 28 29.02	.....	−17 53 20.9	....
46	ζ Tauri	7	31 54.76	+ 0.13	[− **1.44**]	342 5 54.30	45.360	+16.82	− 18.0	5 31 53.45	.....	+21 4 57.5	....
47	ν Aurigæ	7	44 50.17	+ 0.20	− 1.44	0 7 55.60	44.715	+16.82	+ 0.2	5 44 48.93	.....	+39 7 2.2	....
48	δ Aurigæ	7	51 36.84	+ 0.30	− 1.44	15 17 56.28	42.275	+16.82	+ 15.4	5 51 35.70	.....	+54 16 22.4	....
49	1 Geminorum	7	58 17.21	+ 0.14	[− **1.44**]	344 17 54.58	42.778	+16.82	− 15.7	5 58 15.91	.....	+23 16 1.1	....
	September 12, L.												
50	Sun I, S	7	17 33.54	+ 0.09	− 1.46	325 11 53.20	47.370	+17.62	− 38.0	11 17 32.17	+64.05	+ 4 11 22.6	....
51	Sun II, N	7	19 41.63	+ 0.09	− 1.46	325 43 50.62	46.857	+17.62	− 37.3	11 19 40.26	−64.04	+ 4 43 10.2	....
52	*o* Serpentis	7	36 2.03	0.00	− 1.50	308 11 51.78	47.232	+17.12	−1 10.0	17 36 0.53	− 2.68	−12 49 13.8	−10.8
53	μ Herculis	7	42 43.04	+ 0.14	[− **1.51**]	348 47 56.48	45.210	+17.12	− 10.9	17 42 41.68	.....	+27 47 4.0	....
54	*z* Herculis	7	47 33.81	+ 0.24	− 1.50	9 25 56.15	46.150	+17.12	+ 9.3	17 47 32.55	− 1.44	+48 25 44.4	−27.2
55	67 Ophiuchi	7	55 51.16	+ 0.06	− 1.50	323 57 53.65	45.095	+17.12	− 40.2	17 55 49.72	.....	+ 2 56 29.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 0 26	30.05	73.2	73.0
1 4	......	....	72.4
1 38	30.05	72.1	71.8
3 12	30.05	71.2	70.2
4 7	30.06	70.9	69.7
4 30	......	....	69.1
4 55	30.08	70.2	69.0
5 45	......	....	68.9
5 58	30.09	70.2	69.0
12 11 20	30.125	81.1	80.1
17 36	30.08	77.6	75.8

Micrometer bisections are made at II, VI, except as noted below.

5.	Bisections at II, VII.
13, 27, 31, 33, 54.	Bisections at I, II.
23.	Bisections at IV, V.
24.	Bisections at II, III, IV, V, VI.
29.	Bisections at III, V.
44, 53.	Bisection at VI.
48.	Bisections at III, VI.
50.	Bisections at I, II, II.
51.	Bisections at V, VI, VII.

Notes.

28. Two microscopes used.

41–49. Clouds and haze.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
24	+23 37.8	−15 38.6	...	+ 7 59.2
50	+ 5.0	+15 53.8	...	+15 58.8
51	+ 4.9	−15 53.7	...	−15 48.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	72 Ophiuchi	7	2 48.96	+ 0.08	− **1.55**	330 33 53.10	46.995	+17.12	− 31.2	18 2 47.54	....	+ 9 33 20.8	....
2	40 Draconis	7	7 17.47	+ 1.00	− 1.50	40 59 54.52	44.658	+17.12	+ 48.3	18 7 16.97	+ 1.52	+79 59 48.1	−28.6
3	η Serpentis	7	16 21.67	+ 0.04	− **1.59**	318 5 53.15	46.515	+17.12	− 49.6	18 16 20.21	....	− 2 55 8.5	....
4	χ Draconis	7	22 50.06	+ 0.59	− 1.50	33 41 56.95	45.472	+17.12	+ 37.1	18 22 49.15	....	+72 41 58.1	....
5	3 H. Scuti	7	30 0.11	+ 0.02	− **1.53**	312 43 51.52	43.592	+17.12	− 59.9	18 29 58.63	....	− 8 18 27.2	....
6	156 H¹. Draconis	7	34 27.41	+ 0.81	− 1.50	38 27 56.60	47.385	+17.12	+ 44.2	18 34 26.72	− 0.29	+77 28 48.5	−29.8
7	ε¹ Lyræ (*south*)	7	41 11.14	+ 0.19	− 1.50	0 33 54.70	48.875	+17.12	+ 0.6	18 41 9.83	− 2.20	+39 34 37.1	−28.6
8	24 H. Camelopardalis s. P.	7	46 1.58	− 0.67	− 1.50	63 51 57.60	48.418	+17.12	+1 53.0	6 45 59.41	− 3.83	+77 5 37.7	+26.6
9	ξ Sagittarii	7	52 1.42	− 0.04	− 1.50	299 47 51.25	46.820	+17.12	−1 36.2	18 51 59.88	− 3.20	−21 13 49.9	−13.2
10	ζ Sagittarii	7	56 31.54	− 0.08	− 1.50	291 1 52.02	45.844	+17.12	−2 22.6	18 56 29.96	....	−30 0 57.8	....
11	λ Aquilæ	7	1 10.56	+ 0.03	− **1.52**	315 59 51.85	46.122	+17.12	− 53.4	19 1 9.09	....	− 5 1 22.5	....
12	19 Lyræ	7	8 6.75	+ 0.15	− 1.50	352 7 55.18	47.028	+17.12	− 7.6	19 8 5.40	− 2.54	+31 7 47.2	−28.1
13	ω Aquilæ	7	13 20.06	+ 0.08	− **1.51**	332 25 51.60	47.710	+17.12	− 28.9	19 13 18.64	....	+11 25 37.5	....
14	τ Draconis	7	17 28.33	+ 0.60	− 1.50	34 9 56.65	48.360	+17.12	+ 37.8	19 17 27.43	....	+73 11 4.5	....
15	6 Vulpeculæ	7	24 44.31	+ 0.13	− 1.50	345 29 53.88	44.172	+17.12	− 14.3	19 24 42.94	....	+24 28 34.0	....
16	μ Aquilæ	7	29 25.44	+ 0.07	− **1.48**	328 11 52.05	45.675	+17.12	− 34.3	19 29 24.01	....	+ 7 10 46.5	....
17	θ Cygni	7	33 54.34	+ 0.25	− 1.50	10 59 56.08	47.555	+17.12	+ 10.9	19 33 53.09	....	+50 0 18.6	....
18	10 Vulpeculæ	7	39 45.18	+ 0.06	− 1.50	346 33 53.75	44.910	+17.12	− 13.2	19 39 43.74	− 2.82	+25 32 51.3	−28.0
19	δ Sagittæ	7	43 8.14	+ 0.11	− **1.57**	339 17 54.52	48.595	+17.12	− 20.9	19 43 6.75	....	+18 18 9.1	....
20	η Aquilæ	7	47 36.51	+ 0.05	− 1.50	321 47 53.32	43.425	+17.12	− 43.6	19 47 35.06	− 3.08	+ 0 45 47.1	−22.8
21	φ Aquilæ	7	51 43.12	+ 0.08	− 1.50	332 11 52.55	44.438	+17.12	− 29.2	19 51 41.70	− 3.00	+11 10 23.8	−25.4
22	63 Sagittarii	7	56 37.45	0.00	− 1.50	307 7 51.58	45.290	+17.12	−1 13.1	19 56 35.95	− 3.30	−13 54 1.5	−19.3
23	3 H. Ursæ Majoris s. P.	7	3 13.19	− 0.38	− 1.50	72 11 57.32	47.087	+17.12	+2 52.0	8 3 11.31	....	+68 45 9.5	....
24	66 Aquilæ	7	8 18.10	+ 0.04	− 1.50	319 43 52.85	45.170	+17.12	− 46.9	20 8 16.64	− 3.19	− 1 17 36.8	−23.0
25	α² Capricorni	7	12 45.31	0.00	− **1.52**	308 11 51.72	44.202	+17.12	−1 10.4	20 12 43.81	....	−12 50 23.5	....
	September 12, Ei.-Y.												
26	α Equulei	7	11 3.22	+ 0.06	− **1.37**	325 51 53.35	46.960	+16.92	− 37.6	21 11 1.98	....	+ 4 51 13.7	....
27	1 Pegasi	7	17 40.59	+ 0.11	− **1.25**	340 23 53.95	47.720	+16.92	− 19.7	21 17 39.40	....	+19 23 49.5	....
28	B. D. −11°5598	7	21 17.05	+ 0.01	− 1.30	309 41 50.38	45.610	+16.92	−1 6.7	21 21 15.76	− 3.48	−11 19 49.2	−23.2
29	B. D. −14°6039	7	24 26.39	− 0.01	− 1.30	306 35 52.08	43.832	+16.92	−1 14.6	21 24 25.08	− 3.50	−14 26 36.0	−22.8
30	B. D. −16°5885	7	28 23.57	− 0.02	− 1.30	304 23 51.65	47.525	+16.92	−1 20.8	21 28 22.25	− 3.53	−16 37 18.2	−22.5
31	B. D. −12°6044	7	32 10.79	0.00	− 1.30	309 7 53.02	46.765	+16.92	−1 8.1	21 32 9.49	− 3.50	−11 53 21.6	−23.4
32	B. D. −14°6102	7	36 21.34	− 0.01	− 1.30	306 33 51.40	44.292	+16.92	−1 14.7	21 36 20.03	− 3.52	−14 28 26.3	−23.1
33	B. D. −15°6052	7	38 48.09	− 0.01	− 1.30	305 51 51.85	42.192	+16.92	−1 16.6	21 38 46.78	− 3.53	−15 11 15.7	−23.0
34	δ Capricorni	7	41 46.19	− 0.02	− **1.30**	304 27 53.12	46.472	+16.92	−1 20.6	21 41 44.87	....	−16 33 40.6	....
35	B. D. −21°6102	7	45 30.66	− 0.04	− 1.30	300 1 52.15	48.218	+16.92	−1 35.6	21 45 29.32	− 3.58	−20 59 16.7	−22.3
36	B. D. −14°6150	7	48 10.51	− 0.01	− 1.30	306 23 50.78	44.460	+16.92	−1 15.2	21 48 9.20	− 3.53	−14 38 23.5	−23.3
37	B. D. −19°6190	7	51 47.59	− 0.03	− 1.30	301 23 50.55	44.320	+16.92	−1 30.7	21 51 46.26	− 3.57	−19 38 42.5	−22.7
38	B. D. −15°6119	7	56 16.73	− 0.01	− 1.30	306 13 51.22	47.735	+16.92	−1 15.6	21 56 15.42	− 3.54	−14 47 8.7	−23.5
39	B. D. −16°6012	7	59 0.09	− 0.02	− 1.30	304 23 51.42	46.902	+16.92	−1 20.9	21 58 58.77	− 3.55	−16 37 32.8	−23.3
40	B. D. − 6°5912	7	2 41.40	+ 0.02	− 1.30	314 43 51.25	45.335	+16.92	− 56.0	22 2 40.12	− 3.51	− 6 17 44.3	−24.7
41	B. D. −15°6152	7	4 38.63	− 0.01	− 1.30	305 25 50.90	46.928	+16.92	−1 17.8	22 4 37.32	− 3.54	−15 35 29.6	−23.5
42	B. D. −11°5778	7	7 33.86	+ 0.01	− 1.30	310 7 51.00	45.285	+16.92	−1 5.8	22 7 32.57	− 3.52	−10 53 55.1	−24.2
43	B. D. −17°6478	7	11 4.95	− 0.02	− 1.30	303 21 50.78	43.495	+16.92	−1 24.1	22 11 3.63	− 3.56	−17 40 54.9	−23.4
44	B. D. −10°5879	7	12 46.21	+ 0.01	− 1.30	310 47 50.05	47.260	+16.92	−1 4.2	22 12 44.92	− 3.52	−10 13 9.3	−24.3
45	B. D. −11°5817	7	17 7.75	0.00	− 1.30	309 41 51.40	45.590	+16.92	−1 6.8	22 17 6.45	− 3.53	−11 19 48.7	−24.2
46	B. D. − 5°5790	7	21 8.27	+ 0.03	− 1.30	315 21 52.20	44.980	+16.92	− 54.8	22 21 7.00	− 3.52	− 5 39 49.9	−24.8
47	B. D. −16°6092	7	23 44.91	− 0.02	− 1.30	304 23 51.48	44.522	+16.92	−1 21.0	22 23 43.59	− 3.55	−16 38 27.2	−23.8
48	B. D. − 7°5797	7	26 17.89	+ 0.02	− 1.30	313 57 53.00	48.325	+16.92	− 57.5	22 26 16.61	− 3.53	− 7 2 35.3	−24.7
49	B. D. −17°6554	7	30 58.83	− 0.02	− 1.30	304 9 52.95	43.085	+16.92	−1 21.7	22 30 57.51	− 3.55	−16 52 59.3	−23.8
50	B. D. −10°5963	7	34 14.65	+ 0.01	− 1.30	310 29 51.10	46.178	+16.92	−1 5.0	22 34 13.36	− 3.53	−10 31 33.8	−24.4
51	67 Aquarii	7	38 15.17	+ 0.02	− 1.30	313 33 54.25	45.048	+16.92	− 58.4	22 38 13.89	− 3.53	− 7 27 49.9	−24.6
52	B. D. − 2°5826	7	42 34.93	+ 0.04	− 1.30	318 43 54.32	45.320	+16.92	− 48.7	22 42 33.67	− 3.54	− 2 17 33.9	−24.9
53	B. D. −13°6283	7	45 31.29	0.00	− 1.30	307 49 51.00	45.692	+16.92	−1 11.5	22 45 29.99	− 3.53	−13 11 51.5	−24.2
54	B. D. −12°6374	7	49 5.09	0.00	− 1.30	308 19 50.00	45.475	+16.92	−1 10.2	22 49 3.79	− 3.53	−12 41 56.1	−24.3
55	B. D. − 4°5793	7	52 11.10	+ 0.03	− 1.30	317 15 54.05	45.835	+16.92	− 51.3	22 52 9.83	− 3.54	− 3 45 25.0	−24.7
56	B. D. − 9°6100	7	55 20.76	+ 0.01	− 1.30	311 37 50.32	45.978	+16.92	−1 2.5	22 55 19.47	− 3.53	− 9 23 36.6	−24.5
57	B. D. − 7°5913	7	57 35.24	+ 0.02	− 1.30	313 55 52.85	46.520	+16.92	− 57.6	22 57 33.96	− 3.53	− 7 5 16.8	−24.5
58	B. D. − 8°6021	7	0 54.53	+ 0.02	− 1.30	312 33 52.22	46.865	+16.92	−1 0.4	23 0 53.25	− 3.53	− 8 27 12.4	−24.5
59	*A* Piscium	7	3 47.64	+ 0.05	− 1.30	322 37 52.15	45.078	+16.92	− 42.4	23 3 46.39	− 3.57	+ 1 36 24.7	−24.7
60	B. D. − 1°4401	7	6 47.44	+ 0.04	− 1.30	319 21 52.92	46.120	+16.92	− 47.7	23 6 46.18	− 3.55	− 1 39 16.0	−24.6

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
12 18 7	.....	....	74.8	2, 4, 6, 8, 14. Bisections at III, V.					
18 30	.....	....	74.3	10. Bisections at I, II, VI, VII.					
18 52	30.07	75.2	74.1	13, 18, 40, 43. Bisections at I, II.					
19 25	.....	....	73.9	23. Bisections at III, IV, V.					
20 13	30.10	74.3	73.3						
21 7	30.09	74.0	73.1						
21 41	.....	....	73.0						
22 9	30.08	73.2	72.6	Notes.					
22 36	.....	....	72.2	7. Assumed that south star was observed as directed on observing list.					
23 8	30.08	72.5	71.8	8, 10, 23. Unsteady.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Piscium	7	12 13.11	+ 0.05	– **1.32**	323 45 52.48	47.982	+16.92	– 40.7	23 12 11.86	.....	+ 2 45 33.1	....
2	τ Pegasi	7	15 55.10	+ 0.12	– **1.30**	344 13 53.95	45.288	+16.92	– 15.7	23 15 53.92	.....	+23 12 57.9	....
3	Jupiter I, C	5	18 56.40	+ 0.02	– 1.30	314 55 51.80	42.609	+16.92	– 55.7	23 18 55.12	+ 1.64	– 6 5 2.5	....
4	Jupiter II	5	18 59.68	+ 0.02	– 1.30	... .	......	.....	. ....	23 18 58.40	– 1.64	.. ..	....
5	B. D.+ 5°5245	7	55 0.94	+ 0.08	– 1.30	326 25 52.98	47.460	+16.92	– 36.9	23 54 59.72	– 3.60	+ 5 25 25.5	–22.8
6	B. D.+ 7°5121	7	57 36.97	+ 0.09	– 1.30	328 57 52.72	46.690	+16.92	– 33.5	23 57 35.76	– 3.63	+ 7 57 11.0	–22.5
7	B. D.– 2°6099	7	1 25.43	+ 0.05	– 1.30	319 15 53.92	43.555	+16.92	– 47.9	0 1 24.18	– 3.52	– 1 46 13.8	–23.0
8	B. D.+ 4°8	7	5 1.23	+ 0.08	– 1.30	325 19 52.85	43.600	+16.92	– 38.5	0 5 0.01	– 3.58	+ 4 17 55.5	–22.4
9	γ Pegasi	7	8 19.29	+ 0.11	– **1.26**	335 39 52.95	45.875	+16.92	– 25.2	0 8 18.10	.....	+14 39 0.9	....
10	ι Ceti	7	14 33.86	+ 0.03	– **1.28**	311 39 50.92	46.695	+16.92	–1 2.5	0 14 32.58	.....	– 9 21 19.6	....
11	44 Piscium	7	20 30.50	+ 0.07	– **1.23**	322 25 53.55	45.372	+16.92	– 42.8	0 20 29.26	.....	+ 1 24 32.4	....
12	B. D.– 1°51	7	24 57.50	+ 0.06	– 1.31	320 9 51.70	46.552	+16.92	– 46.4	0 24 56.25	– 3.49	– 0 51 6.1	–22.0
13	B. D.+ 9°62	7	29 13.89	+ 0.09	– 1.31	330 47 52.45	44.700	+16.92	– 31.1	0 29 12.67	– 3.63	+ 9 46 27.6	–20.6
14	B. D.+ 4°80	7	32 1.68	+ 0.08	– 1.31	325 53 52.02	46.562	+16.92	– 37.7	0 32 0.45	– 3.55	+ 4 53 3.2	–21.0
15	B. D.+10°70	7	34 42.17	+ 0.10	– 1.31	332 1 53.05	44.222	+16.92	– 29.6	0 34 40.96	– 3.65	+11 0 18.8	–20.1
16	B. D.+ 5°96	7	38 35.40	+ 0.08	– 1.31	326 39 51.68	43.088	+16.92	– 36.6	0 38 34.17	– 3.56	+ 5 37 44.5	–20.6
17	B. D.+ 9°90	7	43 19.46	+ 0.09	– 1.31	330 45 53.05	43.780	+16.92	– 31.2	0 43 18.24	– 3.61	+ 9 44 7.1	–19.7
18	B. D.+ 0°130	7	46 32.03	+ 0.06	– 1.31	321 25 52.65	42.322	+16.92	– 44.4	0 46 30.78	– 3.46	+ 0 23 20.2	–20.8
19	20 Ceti	7	48 7.72	+ 0.05	– **1.34**	319 21 51.98	44.528	+16.92	– 47.8	0 48 6.46	.....	– 1 39 53.4	....
20	B. D.– 0°146	7	52 19.55	+ 0.06	– 1.31	320 49 50.15	47.898	+16.92	– 45.3	0 52 18.30	– 3.44	– 0 10 35.8	–20.6
21	B. D.+13°143	7	54 42.72	+ 0.11	– 1.31	335 5 53.82	47.190	+16.92	– 25.8	0 54 41.52	– 3.68	+14 5 30.8	–18.3
22	B. D.+13°150	7	57 32.46	+ 0.11	– 1.31	334 45 52.95	43.638	+16.92	– 26.2	0 57 31.26	– 3.67	+13 44 8.7	–18.2
23	B. D.+ 4°172	7	59 55.72	+ 0.08	– 1.31	326 9 52.92	45.110	+16.92	– 37.3	0 59 54.49	– 3.51	+ 5 8 30.9	–19.4
24	B. D.+13°165	7	1 34.26	+ 0.11	– 1.31	334 23 53.48	44.042	+16.92	– 26.7	1 1 33.06	– 3.65	+13 22 18.0	–17.9
25	B. D.+ 5°150	7	5 36.73	+ 0.08	– 1.31	327 15 53.20	44.745	+16.92	– 35.8	1 5 35.50	– 3.51	+ 6 14 24.7	–18.9
26	B. D.+11°158	7	7 18.04	+ 0.10	– 1.31	332 47 53.30	44.345	+16.92	– 28.6	1 7 16.83	– 3.61	+11 46 22.9	–17.8
27	B. D.+ 9°142	7	10 47.06	+ 0.09	– 1.31	330 17 53.42	44.990	+16.92	– 31.8	1 10 45.84	– 3.56	+ 9 16 34.5	–18.0
28	B. D.+11°167	7	14 40.28	+ 0.10	– 1.31	332 39 51.65	44.618	+16.92	– 28.8	1 14 39.07	– 3.59	+11 38 27.3	–17.3
29	B. D.+ 3°190	7	17 46.67	+ 0.08	– 1.31	325 15 52.48	44.372	+16.92	– 38.6	1 17 45.44	– 3.45	+ 4 14 12.7	–18.4
30	B. D.+ 2°211	7	21 57.39	+ 0.07	– 1.31	324 3 53.12	44.528	+16.92	– 40.4	1 21 56.15	– 3.42	+ 3 2 15.1	–18.4
31	B. D.+13°222	7	24 48.21	+ 0.11	– 1.31	334 43 53.08	45.358	+16.92	– 26.3	1 24 47.01	– 3.61	+13 42 48.1	–16.2
32	B. D.+ 7°229	7	28 17.74	+ 0.09	– 1.31	328 43 51.22	46.228	+16.92	– 33.8	1 28 16.52	– 3.48	+ 7 42 58.6	–17.1
33	B. D.+16°176	7	30 44.60	+ 0.12	– 1.31	337 57 53.42	44.402	+16.92	– 22.5	1 30 43.41	– 3.67	+16 56 30.4	–15.0
34	B. D.+ 1°293	7	33 24.08	+ 0.07	– 1.31	323 7 53.05	43.582	+16.92	– 41.8	1 33 22.84	– 3.37	+ 2 5 52.0	–17.9
35	B. D.+ 3°230	7	36 58.37	+ 0.07	– 1.31	325 11 52.60	47.115	+16.92	– 38.7	1 36 57.13	– 3.40	+ 4 11 15.4	–17.2
36	B. D.+14°270	7	40 44.10	+ 0.11	– 1.31	335 31 52.40	46.748	+16.92	– 25.3	1 40 42.90	– 3.59	+14 31 20.2	–14.8
37	B. D.+ 6°275	7	43 39.45	+ 0.08	– 1.31	328 13 52.10	44.592	+16.92	– 34.5	1 43 38.22	– 3.43	+ 7 12 21.4	–16.1
38	γ Arietis (*south*)	7	48 17.21	+ 0.12	– 1.31	339 49 53.55	46.475	+16.92	– 20.4	1 48 16.02	– 3.68	+18 49 20.0	–13.1
39	B. D.+16°217	7	50 19.18	+ 0.12	– 1.31	337 45 53.32	40.615	+16.92	– 22.8	1 50 17.99	– 3.62	+16 43 3.4	–13.5
40	B. D.+ 3°273	7	55 23.57	+ 0.07	– 1.31	324 57 53.58	42.290	+16.92	– 39.1	1 55 22.33	– 3.33	+ 3 55 25.7	–16.0
41	B. D.+17°307	7	58 28.15	+ 0.12	– 1.31	338 47 53.60	46.862	+16.92	– 21.6	1 58 26.96	– 3.62	+17 47 27.7	–12.5
42	α Arietis	7	1 47.14	+ 0.14	– **1.31**	344 1 54.62	43.868	+16.92	– 15.9	2 1 45.97	.....	+23 0 25.9	....
43	ξ^1 Ceti	7	7 55.99	+ 0.09	– **1.24**	329 25 52.72	42.950	+16.92	– 32.9	2 7 54.77	.....	+ 8 23 46.1	....
	September 12, R.												
44	Moon II, N	7	16 32.45	+ 0.16	– 1.37	337 37 54.12	47.348	+16.91	– 23.0	4 16 31.24	–68.71	+16 37 37.9	....
45	μ Eridani	7	40 42.79	+ 0.08	– **1.31**	317 35 53.05	44.822	+16.91	– 51.1	4 40 41.50	.....	– 3 25 48.9	....
46	π^5 Orionis	7	49 15.60	+ 0.10	– **1.28**	323 17 53.95	46.542	+16.91	– 41.7	4 49 14.33	.....	+ 2 17 0.7	....
47	11 Orionis	7	59 5.46	+ 0.15	[– **1.36**]	336 17 54.15	43.540	+16.91	– 24.6	4 59 4.24	.....	+15 16 9.3	....
48	19 H. Camelopardalis	6	6 42.33	+ 1.08	– 1.37	40 5 57.45	47.468	+16.91	+ 47.4	5 6 42.04	.....	+79 6 54.2	....
49	β Leporis	7	24 8.56	+ 0.01	– 1.37	300 11 52.12	46.192	+16.91	–1 35.8	5 24 7.20	– 1.84	–20 50 3.2	– 7.9
50	ζ Tauri	7	31 54.66	+ 0.17	[– **1.35**]	342 5 54.98	45.302	+16.91	– 18.0	5 31 53.46	.....	+21 4 57.0	....
51	ν Aurigæ	7	44 50.04	+ 0.25	– 1.37	0 7 55.75	44.672	+16.91	+ 0.2	5 44 48.92	.....	+39 7 1.5	....
52	δ Aurigæ	7	51 36.79	+ 0.36	– 1.37	15 17 57.52	42.265	+16.91	+ 15.4	5 51 35.78	.....	+54 16 23.4	....
53	1 Geminorum	7	58 17.09	+ 0.18	[– **1.33**]	344 17 55.30	42.722	+16.91	– 15.7	5 58 15.90	.....	+23 16 0.6	....
54	22 H. Camelopardalis	7	8 14.44	+ 0.60	– 1.37	30 21 56.45	42.938	+16.91	+ 32.9	6 8 13.67	.....	+69 20 55.0	....
55	γ Geminorum	7	32 9.91	+ 0.16	[– **1.37**]	337 29 53.28	45.262	+16.91	– 23.1	6 32 8.70	.....	+16 28 49.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 23 53	......	....	71.1
0 10	30.065	72.0	71.0
0 41	......	....	70.8
1 4	30.06	71.0	70.5
1 39	......	....	70.2
2 10	30.06	70.7	70.0
4 17	30.07	70.1	68.8
4 54	......	....	68.5
5 12	30.07	69.3	68.4
5 55	......	....	68.8
6 12	30.08	70.0	69.2
6 37	30.09	70.8	70.1

Micrometer bisections are made at II, VI; except as noted below.

3. Z. D. threads A used.
3. Bisections at I, II, VI, VII.
21. Bisection at II.
23. Bisections at I. II.
44. Bisections at II, III, IV, V, VI.
46. Bisections at II, VII.
48. Bisections at III, V.

Note.

49. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+ 1.5	.. ....	...	+ 1.5
44	+21 46.2	–15 48.7	...	+ 5 57.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	September 13, L.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	υ⁴ Eridani	7	14 17.06	− 0.10	− 1.58	287 1 53.15	45.150	+17.90	−3 0.0	4 14 15.38	.....	−34 1 49.2	....
2	υ⁵ Eridani	7	20 27.23	− 0.10	− 1.58	286 49 52.35	44.175	+17.90	−3 2.4	4 20 25.55	.....	−34 14 14.6	....
3	80 Tauri	7	24 41.11	+ 0.13	− 1.58	336 25 54.32	47.350	+17.90	− 24.4	4 24 39.66	− 2.93	+15 25 37.7	− 0.9
4	α Tauri	7	30 25.64	+ 0.13	− **1.60**	337 19 52.70	45.440	+17.90	− 23.4	4 30 24.19	.....	+16 18 53.5	....
5	τ Tauri	7	36 29.80	+ 0.15	− **1.57**	343 47 54.62	43.415	+17.90	− 16.2	4 36 28.37	.....	+22 46 16.3	....
6	μ Eridani	7	40 43.09	+ 0.06	− **1.57**	317 35 53.42	44.828	+17.90	− 51.1	4 40 41.57	.....	− 3 25 47.4	....
7	9 Camelopardalis	7	44 30.65	+ 0.50	− 1.58	27 11 58.15	41.808	+17.90	+ 28.9	4 44 29.57	.....	+66 10 27.9	....
8	10 Camelopardalis	7	54 52.85	+ 0.41	− 1.58	21 17 56.20	45.685	+17.90	+ 22.0	4 54 51.68	.....	+60 17 47.7	....
9	11 Orionis	7	59 5.74	+ 0.13	[− **1.59**]	336 17 54.22	43.505	+17.90	− 24.6	4 59 4.29	.....	+15 16 9.6	....
10	19 H. Camelopardalis	7	6 42.79	+ 1.02	− 1.58	40 7 57.65	42.135	+17.90	+ 47.4	5 6 42.23	.....	+79 6 53.5	....
11	Moon II, N	7	15 51.68	+ 0.14	− 1.58	338 55 54.05	46.590	+17.90	− 21.6	5 15 50.24	−70.06	+17 55 22.9	....
12	γ Orionis	7	19 59.64	+ 0.09	[− **1.60**]	327 17 53.90	42.980	+17.90	− 36.0	5 19 58.15	.....	+ 6 15 45.9	....
13	β Leporis	7	24 8.91	− 0.02	− 1.58	300 11 51.05	46.234	+17.90	−1 35.9	5 24 7.31	− 1.87	−20 50 2.4	− 7.9
14	α Leporis	7	28 30.64	− 0.01	[− **1.57**]	303 7 52.78	47.532	+17.90	−1 25.6	5 28 29.05	.....	−17 53 20.7	....
15	ζ Tauri	7	31 54.96	+ 0.15	[− **1.60**]	342 5 54.90	45.298	+17.90	− 18.1	5 31 53.53	.....	+21 4 57.7	....
16	ο Aurigæ	7	38 27.82	+ 0.30	− 1.58	10 47 56.72	43.565	+17.90	+ 10.8	5 38 26.54	.....	+49 46 48.7	....
17	ν Aurigæ	7	44 50.34	+ 0.23	− 1.58	0 7 56.48	44.595	+17.90	+ 0.2	5 44 48.99	.....	+39 7 1.4	....
18	δ Aurigæ	7	51 37.11	+ 0.34	− 1.58	15 17 57.28	42.198	+17.90	+ 15.4	5 51 35.87	.....	+54 16 22.6	....
19	1 Geminorum	7	58 17.41	+ 0.15	[− **1.59**]	344 17 54.88	42.738	+17.90	− 15.7	5 58 15.98	.....	+23 16 1.6	....
20	δ Ursæ Minoris s. P.	7	3 28.36	− 2.91	− 1.58	54 21 57.98	45.635	+17.90	+1 18.4	18 3 23.87	.....	+86 37 14.8	....
21	2 Lyncis	7	11 8.53	+ 0.39	− 1.58	20 3 55.32	42.270	+17.90	+ 20.6	6 11 7.34	− 3.38	+59 2 27.4	+21.1
22	ν Geminorum	7	23 16.01	+ 0.14	[− **1.62**]	341 17 54.85	43.640	+17.90	− 18.9	6 23 14.57	.....	+20 16 19.0	....
23	13 Monocerotis	7	27 43.10	+ 0.10	− 1.58	328 25 53.18	44.085	+17.90	− 34.3	6 27 41.62	− 2.06	+ 7 24 12.5	+ 4.9
24	γ Geminorum	7	32 10.19	+ 0.13	[− **1.60**]	337 29 53.42	45.238	+17.90	− 23.1	6 32 8.74	.....	+16 28 49.9	....
25	ε Geminorum	7	38 1.63	+ 0.16	[− **1.61**]	346 13 54.78	46.498	+17.90	− 13.6	6 38 0.20	.....	+25 13 29.5	....
26	18 Monocerotis	7	42 51.63	+ 0.08	− 1.59	323 31 53.88	46.650	+17.90	− 41.2	6 42 50.12	.....	+ 2 31 4.5	....
	September 14, L.												
27	Sun I, N	7	24 44.63	+ 0.07	− 1.60	324 57 53.22	47.240	+18.40	− 38.1	11 24 43.10	+64.02	+ 3 57 20.4	....
28	Sun II, S	7	26 52.66	+ 0.07	− 1.60	324 25 46.02	47.997	+18.40	− 38.9	11 26 51.13	−64.01	+ 3 25 30.8	....
29	Mercury I, C	7	54 33.57	+ 0.02	− 1.61	311 29 50.10	46.134	+18.82	−1 1.4	12 54 31.98	+ 0.26	− 9 31 30.3	....
30	z Herculis	7	47 33.80	+ 0.23	− 1.62	9 25 55.42	45.990	+18.20	+ 9.2	17 47 32.41	− 1.37	+48 25 41.5	−27.3
31	89 Herculis	7	51 33.89	+ 0.11	[− **1.56**]	347 3 54.25	48.752	+18.20	− 12.5	17 51 32.38	.....	+26 4 22.2	....
32	67 Ophiuchi	7	55 51.26	+ 0.02	− 1.62	323 57 53.25	45.015	+18.20	− 39.9	17 55 49.66	.....	+ 2 56 28.1	....
33	δ Ursæ Minoris	7	3 22.14	+ 3.18	− 1.62	47 35 58.12	47.893	+18.20	+1 0.3	18 3 23.70	.....	+86 37 18.8	....
34	5 B. Lyræ	7	12 41.00	+ 0.19	− 1.62	3 7 55.75	47.152	+18.20	+ 3.1	18 12 39.57	− 1.82	+42 8 2.3	−27.9
35	η Serpentis	7	16 21.70	0.00	− **1.62**	318 5 53.32	46.415	+18.20	− 49.2	18 16 20.07	.....	− 2 55 9.1	....
36	χ Draconis	7	22 49.98	+ 0.63	− 1.63	33 41 55.42	45.510	+18.20	+ 36.8	18 22 48.98	.....	+72 41 58.2	....
37	3 H. Scuti	7	30 0.21	− 0.02	− **1.63**	312 43 52.65	43.488	+18.20	− 59.4	18 29 58.46	.....	− 8 18 26.8	....
38	156 H¹. Draconis	7	34 27.19	+ 0.88	− 1.63	38 27 56.98	47.350	+18.20	+ 43.9	18 34 26.44	− 0.07	+77 28 49.0	−30.1
39	ε¹ Lyræ (*south*)	7	41 11.15	+ 0.18	− 1.63	0 33 54.48	48.855	+18.20	+ 0.6	18 41 9.70	− 2.14	+39 34 37.5	−28.8
40	24 H. Camelopardalis s. P.	7	46 2.04	− 0.80	− 1.63	63 51 57.20	48.435	+18.20	+1 52.2	6 45 59.61	− 4.07	+77 5 37.5	+26.9
41	ξ Sagittarii	7	52 1.51	− 0.08	− 1.63	299 47 51.90	46.745	+18.20	−1 35.6	18 51 59.80	− 3.17	−21 13 49.3	−13.1
42	ζ Sagittarii	7	56 31.59	− 0.12	− 1.63	291 1 50.60	45.810	+18.20	−2 21.8	18 56 29.84	.....	−30 0 58.1	....
43	λ Aquilæ	7	1 10.66	0.00	− **1.63**	315 59 52.52	46.045	+18.20	− 53.1	19 1 9.03	.....	− 5 1 22.2	....
44	19 Lyræ	7	8 6.84	+ 0.13	− 1.63	352 7 54.95	46.995	+18.20	− 7.6	19 8 5.34	− 2.50	+31 7 47.3	−28.4
45	ω Aquilæ	7	13 20.17	+ 0.06	− **1.64**	332 25 51.25	47.665	+18.20	− 28.7	19 13 18.60	.....	+11 25 37.9	....
46	τ Draconis	7	17 28.29	+ 0.64	− 1.63	34 9 55.90	48.388	+18.20	+ 37.6	19 17 27.30	.....	+73 11 5.2	....
47	6 Vulpeculæ	7	24 44.39	+ 0.11	− 1.63	345 29 54.78	44.118	+18.20	− 14.2	19 24 42.87	.....	+24 28 34.8	....
48	μ Aquilæ	7	29 25.58	+ 0.04	− **1.62**	328 11 52.25	45.628	+18.20	− 34.2	19 29 23.99	.....	+ 7 10 46.8	....
49	θ Cygni	7	33 54.40	+ 0.25	− 1.63	10 59 55.98	47.525	+18.20	+ 10.8	19 33 53.02	.....	+50 0 19.1	....
50	10 Vulpeculæ	7	39 45.31	+ 0.11	− 1.63	346 33 54.82	44.818	+18.20	− 13.1	19 39 43.79	− 2.79	+25 32 52.0	−28.2
51	δ Sagittæ	7	43 8.17	+ 0.08	− **1.60**	339 17 52.82	48.620	+18.20	− 20.8	19 43 6.62	.....	+18 18 9.1	....
52	η Aquilæ	7	47 36.61	+ 0.02	− 1.63	321 47 52.85	43.380	+18.20	− 43.4	19 47 35.00	− 3.06	+ 0 45 46.9	−22.9
53	φ Aquilæ	7	51 43.19	+ 0.06	− 1.63	332 11 52.30	44.420	+18.20	− 29.1	19 51 41.62	− 2.98	+11 10 24.4	−25.6
54	63 Sagittarii	7	56 37.56	− 0.04	− 1.63	307 7 51.60	45.245	+18.20	−1 12.8	19 56 35.89	− 3.27	−13 54 1.1	−19.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 4 14	30.01	69.4	67.7
4 55	.....	....	67.3
5 16	30.02	68.9	67.1
5 24	.....	....	67.1
5 45	.....	....	67.2
5 58	30.03	68.7	67.3
6 38	30.04	70.0	68.9
6 43	.....	....	69.2
14 11 27	30.03	82.0	82.0
12 55	30.02	83.4	82.3
17 48	29.99	79.3	77.7
18 23	.....	....	76.4
18 32	29.99	76.7	75.8
19 17	.....	....	75.2
19 48	.....	....	74.4

Micrometer bisections are made at II, VI, except as noted below.

2, 13, 14, 29. Bisections at I, II, VI, VII.
10, 36, 46. Bisections at III, V.
11. Bisections at II, III, IV, V, VI.
20, 33. Bisections at b_3, b_5, b_7.
23, 31, 49. Bisections at VI, VII.
27. Bisections at I, II, III.
28. Bisections at V, VI, VII.
38. Bisection at V.
40. Bisections at III, IV, V.

Notes.

1, 2, 13, 14. Unsteady.
36. Circle reading increased 10′.
39. Assumed that south star was observed as directed on observing list.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+20 46.7	−15 59.2	...	+ 4 47.5
27	+ 5.0	−15 54.8	...	−15 49.8
28	+ 5.0	+15 54.8	...	+15 59.8
29	+ 7.8	.. ....	− 0.9	+ 6.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	3 H. Ursæ Majoris s. p.	7	3 13.57	− 0.47	− 1.63	72 11 56.78	47.092	+18.20	+2 51.2	8 8 11.47	....	+68 45 9.5	....
2	66 Aquilæ	7	8 18.16	+ 0.01	− 1.63	319 43 51.85	45.165	+18.20	− 46.7	20 8 16.54	− 3.16	− 1 17 36.6	−23.2
3	α^2 Capricorni	7	12 45.46	− 0.04	− **1.66**	308 11 51.32	44.148	+18.20	−1 10.1	20 12 43.79	....	−12 50 23.8	....
4	176 B. Cygni	7	16 48.80	+ 0.17	− 1.63	0 5 55.45	48.120	+18.20	+ 0.2	20 16 47.34	− 3.03	+39 6 21.3	−30.6
	September 14, Ei.-Y.												
5	ζ Cygni	7	8 53.11	+ 0.13	− **1.38**	350 51 54.22	43.025	+17.92	− 8.9	21 8 51.81	....	+29 50 14.3	....
6	α Equulei	7	11 3.28	+ 0.04	− **1.43**	325 51 52.65	46.955	+17.92	− 37.5	21 11 1.89	....	+ 4 51 14.0	....
7	1 Pegasi	7	17 40.72	+ 0.09	− **1.38**	340 23 53.50	47.722	+17.92	− 19.7	21 17 39.38	....	+19 23 50.1	....
8	B. D.−14°6039	7	24 26.54	− 0.04	− 1.43	306 35 51.10	43.880	+17.92	−1 14.5	21 24 25.07	− 3.49	−14 26 34.8	−22.8
9	B. D.−16°5885	7	28 23.73	− 0.04	− 1.43	304 23 51.52	47.515	+17.92	−1 20.7	21 28 22.26	− 3.52	−16 37 17.5	−22.5
10	B. D.−12°6044	7	32 10.95	− 0.02	− 1.43	309 7 51.02	46.815	+17.92	−1 8.0	21 32 9.50	− 3.48	−11 53 21.3	−23.4
11	B. D.−14°6102	7	36 21.48	− 0.04	− 1.43	306 33 50.98	44.238	+17.92	−1 14.6	21 36 20.01	− 3.51	−14 28 26.8	−23.1
12	B. D.−15°6052	7	38 48.26	− 0.04	− 1.43	305 51 51.60	42.180	+17.92	−1 16.6	21 38 46.79	− 3.52	−15 11 15.2	−23.0
13	δ Capricorni	7	41 46.29	− 0.04	− **1.39**	304 27 51.38	46.515	+17.92	−1 20.6	21 41 44.82	....	−16 33 40.4	....
14	B. D.−21°6102	7	45 30.83	− 0.07	− 1.43	300 1 51.88	48.202	+17.92	−1 35.5	21 45 29.33	− 3.57	−20 59 16.2	−22.2
15	B. D.−14°6150	7	48 10.69	− 0.04	− 1.43	306 23 51.02	44.425	+17.92	−1 15.1	21 48 9.22	− 3.52	−14 38 23.0	−23.4
16	B. D.−19°6190	7	51 47.75	− 0.06	− 1.43	301 23 50.22	44.325	+17.92	−1 30.6	21 51 46.26	− 3.56	−19 38 41.6	−22.6
17	B. D.−15°6119	7	56 16.85	− 0.04	− 1.43	306 13 51.38	47.708	+17.92	−1 15.5	21 56 15.38	− 3.53	−14 47 8.0	−23.5
18	B. D.−16°6012	7	59 0.26	− 0.04	− 1.43	304 23 51.42	46.880	+17.92	−1 20.8	21 58 58.79	− 3.54	−16 37 32.2	−23.3
19	B. D.− 6°5912	7	2 41.65	0.00	− 1.43	314 43 52.05	45.280	+17.92	− 56.0	22 2 40.22	− 3.50	− 6 17 43.8	−24.8
20	B. D.−15°6152	7	4 38.77	− 0.04	− 1.43	305 25 50.92	46.892	+17.92	−1 17.8	22 4 37.30	− 3.54	−15 35 29.4	−23.5
21	B. D.−11°5778	7	7 33.99	− 0.02	− 1.43	310 7 51.55	45.238	+17.92	−1 5.7	22 7 32.54	− 3.52	−10 53 54.5	−24.2
22	B. D.−17°6478	7	11 5.09	− 0.05	− 1.43	303 21 51.35	43.420	+17.92	−1 24.1	22 11 3.61	− 3.55	−17 40 54.6	−23.4
23	B. D.−10°5879	7	12 46.39	− 0.02	− 1.43	310 47 50.80	47.200	+17.92	−1 4.2	22 12 44.94	− 3.52	−10 13 8.9	−24.4
24	B. D.−11°5817	7	17 7.89	− 0.02	− 1.43	309 41 51.35	45.565	+17.92	−1 6.8	22 17 6.44	− 3.53	−11 19 48.3	−24.3
25	B. D.− 5°5790	7	21 8.46	0.00	− 1.43	315 21 52.82	44.928	+17.92	− 54.8	22 21 7.03	− 3.52	− 5 39 49.4	−24.9
26	B. D.−16°6092	7	23 45.03	− 0.04	− 1.43	304 23 51.35	44.498	+17.92	−1 20.9	22 23 43.56	− 3.55	−16 38 26.8	−23.7
27	B. D.− 7°5797	7	26 18.14	0.00	− 1.43	313 57 50.78	48.390	+17.92	− 57.5	22 26 16.71	− 3.53	− 7 2 35.1	−24.8
28	B. D.−17°6554	7	30 59.01	− 0.05	− 1.43	304 9 49.50	43.235	+17.92	−1 21.7	22 30 57.53	− 3.55	−16 52 58.3	−23.8
29	B. D.−10°5963	7	34 14.84	− 0.02	− 1.43	310 29 48.65	46.245	+17.92	−1 4.9	22 34 13.39	− 3.53	−10 31 33.6	−24.4
30	67 Aquarii	7	38 15.36	0.00	− 1.43	313 33 51.20	45.155	+17.92	− 58.3	22 38 13.93	− 3.53	− 7 27 49.4	−24.7
31	B. D.−13°6283	7	45 31.42	− 0.03	− 1.43	307 49 50.40	45.672	+17.92	−1 11.4	22 45 29.96	− 3.53	−13 11 51.4	−24.3
32	B. D.−12°6374	7	49 5.21	− 0.03	− 1.43	308 19 51.02	45.395	+17.92	−1 10.2	22 49 3.75	− 3.53	−12 41 55.9	−24.3
33	B. D.− 4°5793	7	52 11.29	+ 0.01	− 1.43	317 15 51.55	45.920	+17.92	− 51.3	22 52 9.87	− 3.55	− 3 45 24.5	−24.9
34	B. D.− 9°6100	7	55 21.02	− 0.01	− 1.43	311 37 50.80	45.928	+17.92	−1 2.4	22 55 19.58	− 3.53	− 9 23 36.2	−24.5
35	B. D.− 7°5913	7	57 35.45	0.00	− 1.43	313 55 51.70	46.558	+17.92	− 57.6	22 57 34.02	− 3.54	− 7 5 16.1	−24.6
36	B. D.− 8°6021	7	0 54.75	− 0.01	− 1.43	312 33 51.18	46.855	+17.92	−1 0.4	23 0 53.31	− 3.53	− 8 27 12.6	−24.6
37	*A* Piscium	7	3 47.89	+ 0.03	− 1.43	322 37 52.38	45.032	+17.92	− 42.4	23 3 46.49	− 3.58	+ 1 36 24.9	−24.9
38	B. D.− 1°4401	7	6 47.64	+ 0.02	− 1.43	319 21 52.70	46.112	+17.92	− 47.7	23 6 46.23	− 3.56	− 1 39 15.4	−24.7
39	γ Piscium	7	12 13.26	+ 0.03	− **1.44**	323 45 52.55	47.955	+17.92	− 40.7	23 12 11.86	....	+ 2 45 33.5	....
40	τ Pegasi	7	15 55.24	+ 0.11	− **1.42**	344 13 52.08	45.360	+17.92	− 15.7	23 15 53.92	....	+23 12 58.7	....
41	Jupiter I, C	5	17 57.92	0.00	− 1.43	314 49 51.55	41.818	+17.92	− 55.8	23 17 56.49	+ 1.67	− 6 11 19.9	....
42	Jupiter II	5	18 1.25	0.00	− 1.43	... .	......	.....	. ....	23 17 59.82	− 1.66	.. ..	....
43	25 Piscium	7	48 11.58	+ 0.05	− 1.44	322 33 52.62	47.810	+17.92	− 42.5	23 48 10.19	− 3.58	+ 1 33 29.0	−23.5
44	B. D.+ 7°5101	7	50 45.01	+ 0.08	− 1.44	328 41 52.68	47.278	+17.92	− 33.8	23 50 43.65	− 3.64	+ 7 41 25.1	−23.1
45	γ Pegasi	7	8 19.50	+ 0.10	− **1.44**	335 39 51.95	45.888	+17.92	− 25.1	0 8 18.16	....	+14 39 1.6	....
46	ι Ceti	7	14 34.06	+ 0.01	− **1.44**	311 39 51.42	46.662	+17.92	−1 2.4	0 14 32.63	....	− 9 21 18.8	....
47	44 Piscium	7	20 30.77	+ 0.05	− **1.46**	322 25 51.60	45.445	+17.92	− 42.8	0 20 29.38	....	+ 1 24 33.1	....
48	B. D.− 1°51	7	24 57.66	+ 0.04	− 1.44	320 9 51.40	46.552	+17.92	− 46.4	0 24 56.26	− 3.51	− 0 51 5.4	−22.2
49	B. D.+ 9°62	7	29 14.16	+ 0.08	− 1.44	330 47 53.08	44.622	+17.92	− 31.1	0 29 12.80	− 3.66	+ 9 46 27.5	−20.8
50	B. D.+ 4°80	7	32 1.88	+ 0.06	− 1.44	325 53 51.05	46.595	+17.92	− 37.6	0 32 0.50	− 3.58	+ 4 53 4.1	−21.3
51	B. D.+10°70	7	34 42.42	+ 0.09	− 1.44	332 1 51.45	44.278	+17.92	− 29.5	0 34 41.07	− 3.67	+11 0 19.6	−20.4
52	B. D.+ 5°96	7	38 35.64	+ 0.07	− 1.44	326 39 51.98	43.045	+17.92	− 36.6	0 38 34.27	− 3.58	+ 5 37 44.9	−20.8
53	B. D.+ 9°90	5	43 19.66	+ 0.08	− 1.44	330 45 50.68	43.882	+17.92	− 31.1	0 43 18.30	− 3.64	+ 9 44 8.2	−20.0
54	B. D.+ 0°130	7	46 32.22	+ 0.05	− 1.44	321 25 51.72	42.332	+17.92	− 44.4	0 46 30.83	− 3.49	+ 0 23 20.5	−21.0
55	20 Ceti	7	48 7.91	+ 0.04	− **1.50**	319 21 51.10	44.518	+17.92	− 47.7	0 48 6.51	....	− 1 39 53.4	....
56	B. D.− 0°146	7	52 19.76	+ 0.05	− 1.44	320 49 49.65	47.870	+17.92	− 45.3	0 52 18.37	− 3.47	− 0 10 35.9	−20.8
57	B. D.+13°143	7	54 43.03	+ 0.10	− 1.44	335 5 53.12	47.182	+17.92	− 25.8	0 54 41.69	− 3.71	+14 5 31.3	−18.6
58	B. D.+13°150	7	57 32.73	+ 0.10	− 1.44	334 45 52.38	43.645	+17.92	− 26.2	0 57 31.39	− 3.70	+13 44 9.3	−18.5
59	B. D.+ 4°172	7	59 55.96	+ 0.07	− 1.44	326 9 51.80	45.158	+17.92	− 37.3	0 59 54.59	− 3.54	+ 5 8 31.8	−19.6
60	B. D.+13°165	7	1 34.45	+ 0.10	− 1.44	334 23 53.32	44.032	+17.92	− 26.6	1 1 33.11	− 3.68	+13 22 18.7	−18.2
61	B. D.+ 5°150	6	5 36.94	+ 0.07	− 1.44	327 15 53.32	44.730	+17.92	− 35.8	1 5 35.57	− 3.54	+ 6 14 25.1	−19.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 20 17	29.99	74.5	73.8
21 7	29.995	73.9	72.9
21 41	......	....	71.9
22 9	30.00	72.4	71.7
22 37	......	....	71.2
23 8	30.00	71.7	70.8
0 3	29.995	71.4	70.5
0 41	......	....	70.2

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at II, III, V, VI.
19, 59, 61. Bisections at I, II.
41. Z. D. threads A used.
41. Bisections at I, II, VI, VII.
43. Bisection at VII.
45. Bisections at VI, VII.

Notes.

1. Very unsteady.
53, 61. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
41	+ 1.6	.. ....	...	+ 1.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+11°158.	7	7 18.37	+ 0.09	− 1.44	332 47 50.90	44.378	+18.39	− 28.6	1 7 17.02	− 3.64	+11 46 22.7	−18.1
2	B. D.+ 9°142.	7	10 47.31	+ 0.08	− 1.44	330 17 53.70	44.945	+17.92	− 31.7	1 10 45.95	− 3.59	+ 9 16 34.9	−18.3
3	B. D.+11°167.	7	14 40.49	+ 0.09	− 1.44	332 39 52.05	44.590	+17.92	− 28.7	1 14 39.14	− 3.62	+11 38 28.1	−17.6
4	B. D.+ 3°190.	7	17 46.98	+ 0.06	− 1.44	325 15 52.10	44.345	+17.92	− 38.6	1 17 45.60	− 3.48	+ 4 14 12.7	−18.6
5	B. D.+ 2°211.	7	21 57.56	+ 0.06	− 1.44	324 3 52.42	44.528	+17.92	− 40.3	1 21 56.18	− 3.45	+ 3 2 15.5	−18.6
6	B. D.+ 7°229.	7	28 18.01	+ 0.08	− 1.44	328 43 51.08	46.188	+17.92	− 33.8	1 28 16.65	− 3.52	+ 7 42 59.0	−17.3
7	B. D.+16°176.	7	30 44.84	+ 0.11	− 1.44	337 57 53.92	44.358	+17.92	− 22.5	1 30 43.51	− 3.71	+16 56 31.3	−15.3
8	B. D.+ 1°293.	5	33 24.35	+ 0.06	− 1.44	323 7 53.08	43.560	+17.92	− 41.7	1 33 22.97	− 3.40	+ 2 5 52.7	−18.1
9	α Trianguli.	7	47 38.27	+ 0.15	− **1.40**	350 7 52.80	44.060	+17.92	− 9.6	1 47 36.98	.....	+29 6 36.1	....
10	β Arietis.	7	49 21.94	+ 0.12	− **1.53**	341 21 53.22	43.628	+17.92	− 18.7	1 49 20.62	.....	+20 20 17.3	....
	September 15, R.												
11	Sun I, S.	7	28 20.00	+ 0.07	− 1.51	324 3 56.22	44.850	+18.46	− 39.5	11 28 18.56	+63.94	+ 3 2 27.4	....
12	Sun II, N.	7	30 27.89	+ 0.07	− 1.51	324 35 53.35	44.470	+18.46	− 38.7	11 30 26.45	−63.95	+ 3 34 18.0	....
13	Mercury I, C.	7	56 19.74	+ 0.02	− 1.52	311 11 48.10	46.845	+18.46	−1 2.0	12 56 18.24	+ 0.27	− 9 49 17.6	....
14	η Serpentis.	7	16 21.60	− 0.01	− **1.52**	318 5 51.72	46.472	+18.30	− 49.2	18 16 20.06	.....	− 2 55 9.3	....
15	3 H. Scuti.	7	30 0.10	− 0.03	− **1.53**	312 43 50.00	43.572	+18.26	− 59.3	18 29 58.54	.....	− 8 18 27.4	....
16	156 H¹. Draconis.	4	34 26.85	+ 0.81	− 1.53	38 27 54.52	47.520	+18.25	+ 43.8	18 34 26.13	+ 0.05	+77 28 49.7	−30.2
17	24 H. Camelopardalis s. P.	7	46 2.02	− 0.75	− 1.53	63 51 55.38	48.492	+18.22	+1 52.2	6 45 59.74	− 4.19	+77 5 36.7	+27.0
18	51 H. Cephei s. P.	6	55 26.63	− 3.53	− 1.53	53 47 54.52	45.012	+18.19	+1 15.3	6 55 21.57	.....	+87 11 35.4	....
19	λ Ursæ Minoris.	7	18 50.43	+ 9.92	− 1.53	49 59 53.88	44.739	+18.13	+1 5.8	19 18 58.82	.....	+89 0 7.5	....
20	10 Vulpeculæ.	7	39 45.20	+ 0.09	− 1.53	346 33 51.42	44.918	+18.07	− 13.1	19 39 43.76	− 2.77	+25 32 51.1	−28.4
21	η Aquilæ.	6	47 36.52	0.00	− 1.53	321 47 50.55	43.455	+18.05	− 43.3	19 47 34.99	− 3.04	+ 0 45 46.2	−22.9
22	63 Sagittarii.	7	56 37.51	− 0.05	− 1.53	307 7 49.38	45.275	+18.02	−1 12.7	19 56 35.93	− 3.26	−13 54 2.7	−19.3
23	3 H. Ursæ Majoris s. P.	7	3 13.52	− 0.44	− 1.53	72 11 55.20	47.208	+18.00	+2 50.9	8 3 11.55	.....	+68 45 9.0	....
24	α¹ Capricorni.	7	12 21.23	− 0.05	− 1.53	308 11 49.72	50.092	+17.98	−1 9.9	20 12 19.65	.....	−12 48 9.5	....
25	π Capricorni.	7	21 51.23	− 0.07	− **1.53**	302 31 49.65	42.100	+17.95	−1 26.3	20 21 49.63	.....	−18 31 28.6	....
26	ε Delphini.	7	28 39.38	+ 0.04	− **1.50**	331 59 50.50	45.652	+17.93	− 29.3	20 28 37.89	.....	+10 58 50.6	....
27	α Delphini.	7	35 12.62	+ 0.06	− **1.52**	336 35 51.75	44.892	+17.91	− 23.9	20 35 11.15	.....	+15 34 39.5	....
28	γ Delphini (*fol.*).	7	42 14.19	+ 0.06	− 1.53	336 47 51.10	45.655	+17.89	− 23.7	20 42 12.72	− 3.20	+15 46 56.5	−27.6
	September 15, Ei.-Y.												
29	ξ Aquarii.	7	32 40.37	− 0.02	− **1.53**	312 43 51.18	47.468	+17.87	− 59.8	21 32 38.87	.....	− 8 16 57.7	....
30	γ Capricorni.	7	34 48.14	− 0.06	− **1.43**	303 55 51.42	46.660	+17.87	−1 22.1	21 34 46.60	.....	−17 5 38.6	....
31	κ Capricorni.	7	37 19.73	− 0.08	− 1.48	301 43 50.10	45.730	+17.87	−1 29.3	21 37 18.17	− 3.54	−19 18 8.3	−22.2
32	B. D.−10°5755.	7	39 45.81	− 0.03	− 1.49	310 21 48.68	47.412	+17.87	−1 5.1	21 39 44.29	− 3.48	−10 39 7.2	−23.8
33	B. D.− 6°5827.	7	42 36.97	− 0.02	− 1.49	314 39 51.32	45.728	+17.87	− 56.0	21 42 35.46	− 3.47	− 6 21 33.9	−24.6
34	B. D.− 8°5753.	7	45 59.72	− 0.02	− 1.49	312 39 50.58	46.690	+17.87	−1 0.0	21 45 58.21	− 3.48	− 8 21 16.7	−24.3
35	B. D.− 4°5568.	7	49 11.48	− 0.01	− 1.49	316 17 51.18	45.920	+17.87	− 52.9	21 49 9.98	− 3.48	− 4 43 26.6	−24.9
36	B. D.− 9°5876.	7	52 35.78	− 0.03	− 1.49	311 59 49.65	47.088	+17.87	−1 1.5	21 52 34.26	− 3.49	− 9 1 10.0	−24.3
37	B. D.−10°5812.	7	56 45.62	− 0.03	− 1.49	310 41 49.28	44.760	+17.87	−1 4.4	21 56 44.10	− 3.50	−10 20 6.5	−24.2
38	B. D.− 5°5697.	7	59 36.09	− 0.01	− 1.49	315 43 51.70	44.018	+17.87	− 54.0	21 59 34.59	− 3.49	− 5 18 10.6	−24.9
39	B. D.−17°6451.	7	3 14.29	− 0.06	− 1.49	304 1 51.40	43.972	+17.87	−1 22.0	22 3 12.74	− 3.54	−17 0 39.9	−23.3
40	B. D.−11°5770.	7	5 26.49	− 0.04	− 1.49	309 43 51.05	46.448	+17.87	−1 6.7	22 5 24.96	− 3.52	−11 17 27.4	−24.2
41	B. D.− 5°5732.	7	7 45.85	− 0.01	− 1.49	315 49 51.18	45.752	+17.87	− 53.8	22 7 44.35	− 3.50	− 5 11 31.3	−25.0
42	B. D.−17°6491.	7	14 23.96	− 0.06	− 1.49	303 51 51.12	43.350	+17.87	−1 22.5	22 14 22.41	− 3.55	−17 10 54.9	−23.5
43	B. D.− 4°5683.	7	24 26.65	− 0.01	− 1.49	316 19 51.42	48.040	+17.87	− 52.9	22 24 25.15	− 3.52	− 4 40 37.9	−25.0
44	B. D.−11°5855.	7	26 37.85	− 0.04	− 1.49	309 37 48.98	45.838	+17.87	−1 7.0	22 26 36.32	− 3.53	−11 23 44.7	−24.4
45	B. D.− 6°6034.	7	32 19.78	− 0.02	− 1.49	314 27 52.02	45.208	+17.87	− 56.5	22 32 18.27	− 3.53	− 6 33 45.6	−24.9
46	B. D.−12°6327.	7	36 22.46	− 0.04	− 1.49	308 17 51.90	45.810	+17.87	−1 10.2	22 36 20.93	− 3.54	−12 43 45.6	−24.3
47	B. D.−15°6265.	7	39 16.73	− 0.05	− 1.49	305 51 51.45	43.670	+17.87	−1 16.7	22 39 15.19	− 3.54	−15 10 41.5	−24.0
48	B. D.− 4°5757 (*mean*).	7	42 55.06	− 0.01	− 1.49	316 17 51.28	45.742	+17.87	− 53.1	22 42 53.56	− 3.54	− 4 43 30.7	−25.0
49	B. D.−10°6002.	7	46 12.46	− 0.03	− 1.49	311 11 49.90	45.190	+17.87	−1 3.4	22 46 10.94	− 3.54	− 9 49 55.0	−24.6
50	B. D.− 7°5886.	7	49 36.17	− 0.02	− 1.49	313 17 52.40	47.840	+17.87	− 58.9	22 49 34.66	− 3.54	− 7 42 47.5	−24.7
51	B. D.−11°5961.	7	53 6.66	− 0.04	− 1.49	309 23 51.25	43.465	+17.87	−1 7.6	22 53 5.13	− 3.53	−11 38 37.3	−24.4
52	B. D.−10°6038.	7	56 8.99	− 0.03	− 1.49	310 57 50.48	45.118	+17.87	−1 4.0	22 56 7.47	− 3.53	−10 3 56.7	−24.5
53	B. D.− 5°5917.	7	58 59.21	− 0.01	− 1.49	315 41 52.30	47.930	+17.87	− 54.2	22 58 57.71	− 3.54	− 5 18 40.8	−24.8
54	B. D.−13°6344.	7	1 58.68	− 0.04	− 1.49	307 47 50.85	43.472	+17.87	−1 11.6	23 1 57.15	− 3.53	−13 14 41.5	−24.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 1 9	29.995	71.0	70.1
1 38	......	....	70.3
1 52	29.995	71.1	70.5
15 11 30	30.02	82.0	81.5
12 56	30.00	83.0	82.0
18 16	29.94	77.7	76.6
19 0	......	....	75.5
19 33	29.96	75.7	75.0
20 15	29.95	74.8	73.9
20 45	29.945	74.0	73.2
21 28	29.915	73.0	71.9
21 54	......	....	70.9
22 15	29.93	71.2	70.3
22 45	......	....	69.5

Micrometer bisections are made at II, VI, except as noted below.

6, 7, 12, 16, 17, 20, 26, 29.	Bisections at VI, VII.
8.	Bisections at II, VII.
9.	Bisection at VI.
11.	Bisections at I, II, III.
13, 23.	Bisections at I, II.
18.	Bisections at b_4, b_6.
19.	Bisections at b_2, b_4, b_5, b_6, b_8.
25.	Bisections at I, VII.

Notes.

1.	Two microscopes used.
1, 6, 7, 8.	Through clouds.
18.	Poor.
28.	Circle reading increased 40′.
37, 46.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 5.1	+15 55.3	...	+16 0.4
12	+ 5.0	−15 55.2	...	−15 50.2
13	+ 8.0	.. ....	− 1.0	+ 7.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 1°4687	7	4 30.26	+ 0.01	− 1.49	322 37 53.00	47.955	+17.87	− 42.4	23 4 28.78	− 3.58	+ 1 37 32.3	−24.9
2	B. D.−10°6082	7	8 0.38	− 0.03	− 1.49	310 55 50.35	46.372	+17.87	−1 4.0	23 7 58.86	− 3.53	−10 5 28.1	−24.4
3	B. D.+ 0°4982	7	10 46.39	+ 0.01	− 1.49	321 47 52.68	47.275	+17.87	− 43.7	23 10 44.91	− 3.58	+ 0 47 15.1	−24.7
4	B. D.− 0°4498	7	13 27.33	0.00	− 1.49	321 1 52.00	44.302	+17.87	− 45.0	23 13 25.84	− 3.57	+ 0 0 5.2	−24.7
5	B. D.− 9°6173	7	16 14.88	− 0.03	− 1.49	311 49 50.30	45.058	+17.87	−1 2.1	23 16 13.36	− 3.53	− 9 11 56.3	−24.4
6	B. D.−10°6105	7	18 20.54	− 0.03	− 1.49	311 5 51.02	48.542	+17.87	−1 3.6	23 18 19.02	− 3.52	− 9 54 37.5	−24.3
7	B. D.− 6°6213	7	21 43.80	− 0.02	− 1.49	315 15 51.70	45.702	+17.87	− 55.1	23 21 42.29	− 3.54	− 5 45 33.2	−24.4
8	B. D.− 2°5973	7	24 33.38	0.00	− 1.49	318 41 52.82	46.602	+17.87	− 48.8	23 24 31.89	− 3.56	− 2 19 5.3	−24.4
9	B. D.− 1°4450	7	27 4.05	0.00	− 1.49	319 23 54.18	47.040	+17.87	− 47.6	23 27 2.56	− 3.56	− 1 36 52.7	−24.3
10	B. D.+ 4°5029	7	29 32.84	+ 0.02	− 1.49	325 57 53.68	44.932	+17.87	− 37.6	23 29 31.37	− 3.62	+ 4 56 28.6	−24.2
11	B. D.− 4°5917	7	33 16.51	− 0.01	− 1.49	316 43 52.35	46.022	+17.87	− 52.3	23 33 15.01	− 3.54	− 4 17 22.5	−24.2
12	B. D.+ 2°4701	7	35 58.56	+ 0.02	− 1.49	324 5 53.00	48.522	+17.87	− 40.2	23 35 57.09	− 3.60	+ 3 5 47.4	−24.0
13	ι^1 Aquarii	7	39 15.22	− 0.07	− **1.36**	302 13 51.98	44.570	+17.87	−1 28.0	23 39 13.66	....	−18 48 31.7	....
14	φ Pegasi	5	47 38.40	+ 0.07	− **1.53**	339 35 52.20	46.335	+17.87	− 20.7	23 47 36.98	....	+18 35 16.5	....
15	B. D.+ 7°86	7	34 1.71	+ 0.06	− 1.49	328 23 51.95	46.998	+17.87	− 34.2	0 34 0.28	− 3.62	+ 7 23 17.5	−21.0
16	β Ceti	7	38 48.10	− 0.04	− **1.42**	302 31 51.35	43.965	+17.87	−1 27.0	0 38 46.57	....	−18 30 45.1	....
17	ζ Andromedæ	7	42 17.02	+ 0.12	− **1.46**	344 45 55.32	44.445	+17.87	− 15.1	0 42 15.65	....	+23 44 41.6	....
18	B. D.+ 5°120	7	49 2.11	+ 0.05	− 1.49	326 17 53.08	47.058	+17.87	− 37.1	0 49 0.67	− 3.57	+ 5 17 17.5	−20.4
19	B. D.+ 0°149	7	52 45.56	+ 0.04	− 1.49	322 15 52.80	49.230	+17.87	− 43.0	0 52 44.11	− 3.51	+ 1 16 0.6	−20.7
20	B. D.+ 1°185	7	55 11.29	+ 0.04	− 1.49	323 7 55.52	46.300	+17.87	− 41.7	0 55 9.84	− 3.51	+ 2 6 57.6	−20.4
21	ε Piscium	7	57 59.46	+ 0.06	− **1.43**	328 23 52.85	44.668	+17.87	− 34.2	0 57 58.03	....	+ 7 22 25.2	....
22	B. D.+ 4°175	7	0 53.05	+ 0.05	− 1.49	325 25 52.60	43.395	+17.87	− 38.3	1 0 51.61	− 3.54	+ 4 23 51.3	−19.8
23	B. D.+10°128	7	2 3.29	+ 0.07	− 1.49	332 3 51.38	44.250	+17.87	− 29.5	1 2 1.87	− 3.65	+11 2 18.8	−18.7
24	B. D.+15°123	7	5 59.95	+ 0.09	− 1.49	337 17 54.88	43.015	+17.87	− 23.3	1 5 58.55	− 3.75	+16 16 0.3	−17.6
25	B. D.+15°175	7	7 45.56	+ 0.09	− 1.49	337 15 53.82	46.425	+17.87	− 23.3	1 7 44.16	− 3.75	+16 15 17.2	−17.4
26	B. D.+ 1°238	7	11 40.56	+ 0.04	− 1.49	323 13 52.28	48.518	+17.87	− 41.5	1 11 39.11	− 3.48	+ 2 13 45.3	−19.5
27	B. D.+10°168	7	16 17.11	+ 0.07	− 1.49	332 3 53.05	43.355	+17.87	− 29.5	1 16 15.69	− 3.63	+11 2 0.1	−17.7
28	B. D.+ 6°211	7	17 57.38	+ 0.06	− 1.49	327 55 51.72	45.435	+17.87	− 34.8	1 17 55.95	− 3.55	+ 6 54 41.0	−18.3
29	B. D.+ 4°251	7	22 42.64	+ 0.05	− 1.49	325 51 51.95	47.695	+17.87	− 37.7	1 22 41.20	− 3.50	+ 4 51 29.9	−18.4
30	B. D.+16°196	7	41 24.40	+ 0.09	− 1.49	337 57 53.42	42.748	+17.87	− 22.5	1 41 23.00	− 3.70	+16 55 53.5	−14.6
31	B. D.+13°286	7	44 57.67	+ 0.08	− 1.49	334 53 53.12	44.065	+17.87	− 26.0	1 44 56.26	− 3.62	+13 52 19.8	−15.0
32	B. D.+ 6°296	7	48 37.24	+ 0.06	− 1.49	328 9 52.05	47.960	+17.87	− 34.5	1 48 35.81	− 3.47	+ 7 9 39.3	−16.2
33	B. D.+17°289	7	52 8.06	+ 0.10	− 1.49	338 22	......	.....	....	1 52 6.67	− 3.69	+17 20	....
34	B. D.+15°292	7	55 58.24	+ 0.09	− 1.49	337 7 54.20	43.130	+17.87	− 23.4	1 55 56.84	− 3.65	+16 6 2.1	−13.6
35	B. D.+16°237	7	0 29.85	+ 0.10	− 1.50	338 11 52.62	46.800	+17.87	− 22.2	2 0 28.45	− 3.66	+17 11 25.6	−13.0
36	B. D.+ 5°285	7	2 47.10	+ 0.05	− 1.50	326 33 51.98	42.980	+17.87	− 36.7	2 2 45.65	− 3.40	+ 5 31 43.6	−15.5
37	B. D.+12°292	7	4 37.81	+ 0.08	− 1.50	333 43 52.58	46.542	+17.87	− 27.4	2 4 36.39	− 3.54	+12 43 14.5	−13.7
38	B. D.+14°357	7	7 50.70	+ 0.09	− 1.50	335 51 52.85	42.532	+17.87	− 24.9	2 7 49.29	− 3.58	+14 49 45.6	−12.9
39	B. D.+ 9°296	7	11 46.85	+ 0.06	− 1.50	330 21 51.55	44.662	+17.87	− 31.6	2 11 45.41	− 3.45	+ 9 20 26.3	−13.9
40	B. D.+13°371	7	15 1.99	+ 0.08	− 1.50	334 53 52.68	41.585	+17.87	− 26.0	2 15 0.57	− 3.54	+13 51 22.7	−12.6
41	B. D.+17°353	7	17 22.44	+ 0.10	− 1.50	338 59 54.38	43.342	+17.87	− 21.3	2 17 21.04	− 3.63	+17 58 9.2	−11.3
42	B. D.+11°335	7	20 25.71	+ 0.08	− 1.50	332 33 52.38	45.042	+17.87	− 28.8	2 20 24.29	− 3.47	+11 32 38.6	−12.7
43	ξ^2 Ceti	7	23 4.88	+ 0.06	− **1.52**	329 3 52.30	42.955	+17.87	− 33.3	2 23 3.44	....	+ 8 1 46.4	....
44	27 Arietis	7	25 36.45	+ 0.10	− 1.50	338 17 53.85	44.835	+17.87	− 22.1	2 25 35.05	− 3.59	+17 16 42.1	−10.8
45	B. D.+ 6°392	7	30 0.65	+ 0.06	− 1.50	328 3 51.80	46.760	+17.87	− 34.6	2 29 59.21	− 3.34	+ 7 3 11.5	−13.0
46	B. D.+17°414	7	35 12.64	+ 0.10	− 1.50	339 11 52.50	45.910	+17.87	− 21.1	2 35 11.24	− 3.58	+18 11 6.3	− 9.7
47	B. D.+17°426	7	38 59.09	+ 0.10	− 1.50	338 21 54.48	46.630	+17.87	− 22.0	2 38 57.69	− 3.54	+17 21 23.8	− 9.6
48	B. D.+22°392	7	41 46.79	+ 0.11	− 1.50	343 33 52.08	46.518	+17.87	− 16.4	2 41 45.40	− 3.67	+22 33 24.4	− 7.9
49	B. D.+12°392	7	44 41.16	+ 0.08	− 1.50	333 17 51.40	41.882	+17.87	− 28.0	2 44 39.74	− 3.40	+12 15 26.2	−10.5
50	B. D.+ 8°443	7	48 38.28	+ 0.06	− 1.50	329 57 53.40	45.068	+17.87	− 32.1	2 48 36.84	− 3.30	+ 8 56 36.9	−11.1
51	B. D.+14°492	7	50 24.09	+ 0.08	− 1.50	335 19 53.85	45.785	+17.87	− 25.5	2 50 22.67	− 3.42	+14 19 0.4	− 9.4
52	ε Arietis (*mean*)	7	53 44.84	+ 0.11	− **1.56**	341 57 55.05	46.215	+17.87	− 18.1	2 53 43.45	....	+20 57 18.8	....
53	α Ceti	7	57 17.12	+ 0.04	− **1.51**	324 43 51.78	45.892	+17.87	− 39.3	2 57 15.66	....	+ 3 42 47.0	....
	September 15, L.												
54	ν Tauri	7	58 4.31	+ 0.08	− **1.71**	326 43 51.70	47.280	+17.77	− 36.4	3 58 2.69	....	+ 5 43 21.4	....
55	c Persei	7	1 42.75	+ 0.27	− 1.70	8 27 56.60	44.538	+17.77	+ 8.3	4 1 41.32	....	+47 27 8.2	....
56	o^1 Eridani	7	7 12.16	+ 0.03	− **1.76**	313 55 51.82	46.650	+17.77	− 57.5	4 7 10.49	....	− 7 5 13.9	....
57	υ^4 Eridani	7	14 17.34	− 0.11	− 1.71	287 1 51.25	45.110	+17.77	−2 58.6	4 14 15.52	....	−34 1 50.7	....
58	υ^5 Eridani	7	20 27.46	− 0.11	− 1.71	286 49 50.15	44.162	+17.77	−3 0.9	4 20 25.64	....	−34 14 15.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 23 6	29.92	70.5	69.3
23 31	......	....	68.8
23 50	29.91	70.0	68.7
0 32	29.88	70.0	68.6
0 51	......	....	68.3
1 20	29.875	69.9	68.5
1 47	......	....	68.7
2 9	29.865	69.8	68.4
2 37	......	....	68.1
2 59	29.855	69.4	68.2
4 2	29.84	69.7	69.0
4 14	......	....	69.0

Micrometer bisections are made at II, VI, except as noted below.

14, 18, 36.	Bisections at VI, VII.
22.	Bisections at I, II.
46.	Bisections at II, VII.
50.	Bisections at I, VI.
57, 58.	Bisections at I, II, VI, VII.

Notes.

27, 28, 46, 47, 53, 54.	Through clouds.
29, 46.	Very faint.
57.	Very unsteady; through clouds.
58.	Very unsteady; woolly.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	80 Tauri	7	24 41.29	+ 0.12	− 1.71	336 25 52.48	47.410	+17.77	− 24.2	4 24 39.70	− 2.99	+15 25 37.3	− 1.1
2	α Tauri	7	30 25.82	+ 0.12	− **1.71**	337 19 52.15	45.472	+17.77	− 23.2	4 30 24.23	.....	+16 18 53.7	....
3	τ Tauri	7	36 30.04	+ 0.14	− **1.74**	343 47 53.25	43.425	+17.77	− 16.1	4 36 28.47	.....	+22 46 15.1	....
4	μ Eridani	7	40 43.34	+ 0.04	− **1.75**	317 35 51.88	44.830	+17.77	− 50.7	4 40 41.67	.....	− 3 25 48.7	....
5	9 Camelopardalis	7	44 30.93	+ 0.50	− 1.71	27 11 55.35	41.890	+17.77	+ 28.6	4 44 29.72	.....	+66 10 26.5	....
6	π⁵ Orionis	7	49 16.17	+ 0.06	− **1.73**	323 17 52.48	46.550	+17.77	− 41.3	4 49 14.52	.....	+ 2 17 0.6	....
7	10 Camelopardalis	7	54 53.29	+ 0.41	− 1.71	21 17 54.35	45.770	+17.77	+ 21.8	4 54 51.99	.....	+60 17 47.5	....
8	11 Orionis	7	59 5.99	+ 0.12	− **1.77**	336 17 53.20	43.520	+17.77	− 24.4	4 59 4.40	.....	+15 16 8.9	....
9	δ Orionis	5	27 7.19	+ 0.05	[− **1.86**]	320 39 50.00	43.622	+17.77	− 45.5	5 27 5.53	.....	− 0 22 13.0	....
10	ζ Tauri	7	31 55.20	+ 0.14	[− **1.77**]	342 5 53.78	45.338	+17.77	− 17.9	5 31 53.63	.....	+21 4 57.6	....
11	ο Aurigæ	7	38 28.02	+ 0.29	− 1.71	10 47 54.95	43.632	+17.77	+ 10.7	5 38 26.60	.....	+49 46 48.5	....
12	ν Aurigæ	7	44 50.62	+ 0.22	− 1.71	0 7 54.88	44.650	+17.77	+ 0.2	5 44 49.13	.....	+39 7 1.0	....
13	δ Aurigæ	7	51 37.42	+ 0.34	− 1.71	15 17 56.68	42.218	+17.77	+ 15.3	5 51 36.05	.....	+54 16 22.2	....
14	η Geminorum	7	9 5.44	+ 0.14	[− **1.69**]	343 33 52.18	42.805	+17.77	− 16.4	6 9 3.87	.....	+22 31 59.6	....
15	μ Geminorum	7	17 9.63	+ 0.14	[− **1.75**]	343 33 52.75	47.228	+17.77	− 16.4	6 17 8.06	.....	+22 33 41.2	....
16	ν Geminorum	7	23 16.20	+ 0.13	[− **1.74**]	341 17 53.30	43.708	+17.77	− 18.8	6 23 14.62	.....	+20 16 19.2	....
17	γ Geminorum	7	32 10.41	+ 0.12	[− **1.75**]	337 29 51.52	45.328	+17.77	− 23.1	6 32 8.82	.....	+16 28 49.9	....
18	ε Geminorum	7	38 1.82	+ 0.15	[− **1.73**]	346 13 53.88	46.542	+17.77	− 13.6	6 38 0.26	.....	+25 13 29.5	....
19	α Canis Majoris	7	40 55.81	− 0.01	− 1.71	304 27 51.02	43.290	+17.77	−1 21.0	6 40 54.09	.....	−16 34 55.0	....
20	θ Geminorum	7	46 27.73	+ 0.19	− 1.71	355 5 52.82	43.570	+17.77	− 4.7	6 46 26.21	.....	+34 4 29.4	....
21	63 Aurigæ	7	5 2.96	+ 0.22	− 1.71	0 29 53.52	43.288	+17.77	+ 0.5	7 5 1.47	.....	+39 28 28.8	....
22	λ Geminorum	7	12 34.77	+ 0.12	[− **1.73**]	337 43 52.88	45.155	+17.77	− 22.7	7 12 33.18	.....	+16 42 47.7	....
23	Moon II, S	7	19 9.56	+ 0.12	− **1.74**	337 23 52.78	46.172	+17.77	− 23.1	7 19 7.94	−71.18	+16 23 10.5	....
	September 16, L.												
24	Sun I, S	7	31 55.55	+ 0.02	− 1.75	323 39 51.95	47.423	+18.28	− 40.0	11 31 53.82	+63.97	+ 2 39 21.2	....
25	Sun II, N	7	34 3.49	+ 0.02	− 1.75	324 11 51.85	46.970	+18.28	− 39.2	11 34 1.76	−63.97	+ 3 11 12.8	....
26	Mercury I, C	7	57 49.67	− 0.03	− 1.76	310 57 51.28	42.925	+18.28	−1 2.4	12 57 47.88	+ 0.28	−10 4 44.0	....
27	67 Ophiuchi	7	55 51.42	0.00	− **1.79**	323 57 52.10	45.070	+18.04	− 39.6	17 55 49.63	.....	+ 2 56 28.4	....
28	72 Ophiuchi	7	2 49.15	+ 0.03	[− **1.77**]	330 33 52.02	46.958	+18.04	− 30.7	18 2 47.38	.....	+ 9 33 20.3	....
29	40 Draconis	7	7 17.02	+ 1.21	− 1.80	40 59 54.62	44.652	+18.04	+ 47.6	18 7 16.43	+ 2.12	+79 59 48.3	−28.9
30	5 B. Lyræ	7	12 41.16	+ 0.19	− 1.80	3 7 54.32	47.250	+18.04	+ 3.1	18 12 39.55	− 1.76	+42 8 3.0	−28.0
31	η Serpentis	7	16 21.84	− 0.02	− **1.77**	318 5 53.90	46.410	+18.04	− 48.9	18 16 20.02	.....	− 2 55 8.5	....
32	χ Draconis	7	22 49.93	+ 0.68	− 1.80	33 41 55.75	45.535	+18.04	+ 36.6	18 22 48.81	.....	+72 41 58.7	....
33	3 H. Scuti	7	30 0.34	− 0.04	− **1.77**	312 43 49.50	43.605	+18.04	− 59.1	18 29 58.50	.....	− 8 18 27.2	....
34	156 H¹. Draconis	7	34 27.09	+ 0.96	− 1.80	38 27 54.98	47.490	+18.04	+ 43.6	18 34 26.25	+ 0.17	+77 28 49.6	−30.3
35	ε¹ Lyræ (*south*)	7	41 11.34	+ 0.17	− 1.80	0 34	......	.....	. ....	18 41 9.71	− 2.09	+39 34	....
36	24 H. Camelopardalis s.p.	7	46 2.39	− 0.92	− 1.80	63 52	......	.....	. ....	6 45 59.67	− 4.31	+77 6	....
37	ξ Sagittarii	7	52 1.68	− 0.11	− 1.80	299 47 50.88	46.752	+18.04	−1 35.1	18 51 59.77	− 3.13	−21 13 49.7	−13.1
38	ζ Sagittarii	7	56 31.76	− 0.16	− 1.80	291 1 49.80	45.796	+18.04	−2 20.9	18 56 29.80	.....	−30 0 58.5	....
39	λ Aquilæ	7	1 10.83	− 0.03	− **1.80**	315 59 50.00	46.122	+18.04	− 52.8	19 1 9.00	.....	− 5 1 22.9	....
40	19 Lyræ	7	8 6.95	+ 0.13	− 1.80	352 7 53.62	47.060	+18.04	− 7.5	19 8 5.28	− 2.46	+31 7 47.4	−28.5
41	ω Aquilæ	7	13 20.35	+ 0.04	− **1.83**	332 25 50.40	47.712	+18.04	− 28.5	19 13 18.59	.....	+11 25 38.1	....
42	τ Draconis	7	17 28.31	+ 0.70	− 1.80	34 9 55.28	48.430	+18.04	+ 37.4	19 17 27.21	.....	+73 11 5.2	....
43	6 Vulpeculæ	7	24 44.47	+ 0.10	− 1.80	345 29 51.88	44.240	+18.04	− 14.1	19 24 42.77	.....	+24 28 34.6	....
44	μ Aquilæ	7	29 25.76	+ 0.02	− **1.81**	328 11 50.05	45.710	+18.04	− 33.9	19 29 23.98	.....	+ 7 10 46.6	....
45	θ Cygni	7	33 54.46	+ 0.26	− 1.80	10 59 53.40	47.665	+18.04	+ 10.7	19 33 52.92	.....	+50 0 19.1	....
46	10 Vulpeculæ	7	39 45.37	+ 0.10	− 1.80	346 33 53.12	44.875	+18.04	− 13.0	19 39 43.67	− 2.75	+25 32 51.9	−28.4
47	δ Sagittæ	5	43 8.36	+ 0.07	− **1.81**	339 17 53.15	48.578	+18.04	− 20.6	19 43 6.63	.....	+18 18 8.9	....
48	η Aquilæ	7	47 36.79	0.00	− 1.80	321 47 51.00	43.478	+18.04	− 43.1	19 47 34.99	− 3.03	+ 0 45 47.4	−23.0
49	φ Aquilæ	7	51 43.39	+ 0.04	− 1.80	332 11 50.40	44.518	+18.04	− 28.9	19 51 41.63	− 2.95	+11 10 24.3	−25.7
	September 18, Ei.-Y.												
50	ξ Aquarii	7	32 40.71	− 0.09	− **1.82**	312 44 1.32	47.638	+ 6.58	−1 2.2	21 32 38.89	.....	− 8 16 57.6	....
51	γ Capricorni	7	34 48.44	− 0.14	− **1.67**	303 56 2.02	46.808	+ 6.58	−1 25.3	21 34 46.57	.....	−17 5 38.8	....
52	κ Capricorni	7	37 20.04	− 0.16	− 1.73	301 44 5.98	45.663	+ 6.58	−1 32.8	21 37 18.15	− 3.53	−19 18 8.7	−22.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 4 30	......	....	69.0
4 59	29.85	69.9	68.9
5 38	......	....	68.1
5 52	......	....	68.0
6 9	29.85	69.3	67.5
6 32	......	....	67.1
6 41	......	....	67.3
7 19	29.86	70.4	69.2
16 11 34	29.895	80.1	79.9
12 58	29.89	82.7	81.7
17 56	29.85	79.7	78.2
18 30	......	....	77.1
19 8	29.85	77.5	76.1
19 52	29.85	76.7	75.7
18 21 32	......	....	54.8

Micrometer bisections are made at II, VI, except as noted below.

11, 46, 47, 51.	Bisections at VI, VII.
16.	Bisections at V, VI.
23.	Bisections at II, III, IV, V, VI.
24.	Bisections at I, II, III.
25.	Bisections at V, VI, VII.
26, 38.	Bisections at I, II, VI, VII.
29, 32, 34, 42.	Bisections at III, V.
37, 50, 52.	Bisections at II, VI, VII.
49.	Bisections at I, II.

Notes.

9, 18, 19, 38, 46–49.	Cloudy.
17, 23, 36, 37, 38.	Unsteady.
21.	Very faint; observed head north.
35.	Assumed that south star was observed as directed on observing list.
36.	Poor.
50–52.	Conditions poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+22 41.2	+16 18.5	...	+38 59.7
24	+ 5.1	+15 55.8	...	+16 0.9
25	+ 5.1	−15 55.8	...	−15 50.7
26	+ 8.2	.. ....	− 1.0	+ 7.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. –10°5755	7	39 46.03	– 0.10	– 1.73	310 21 58.85	47.525	+ 6.58	–1 7.6	21 39 44.20	– 3.46	–10 39 7.9	–23.7
2	B. D. – 6°5827	7	42 37.15	– 0.07	– 1.73	314 40 0.35	45.935	+ 6.58	– 58.2	21 42 35.35	– 3.45	– 6 21 33.7	–24.6
3	B. D. – 8°5753	7	45 59.92	– 0.09	– 1.73	312 39 58.60	46.912	+ 6.58	–1 2.4	21 45 58.10	– 3.46	– 8 21 17.3	–24.3
4	B. D. – 4°5568	7	49 11.71	– 0.07	– 1.73	316 17 58.42	46.170	+ 6.58	– 55.0	21 49 9.91	– 3.46	– 4 43 27.1	–24.9
5	B. D. – 9°5876	7	52 36.04	– 0.09	– 1.73	311 59 56.35	47.366	+ 6.58	–1 3.9	21 52 34.22	– 3.48	– 9 1 10.6	–24.3
6	B. D. –10°5812	7	56 45.94	– 0.10	– 1.73	310 41 56.18	45.043	+ 6.58	–1 6.9	21 56 44.11	– 3.49	–10 20 7.0	–24.1
7	B. D. – 5°5697	7	59 36.46	– 0.07	– 1.73	315 43 56.88	44.380	+ 6.58	– 56.2	21 59 34.66	– 3.48	– 5 18 10.6	–24.9
8	B. D. –17°6451	7	3 14.50	– 0.14	– 1.73	304 1 57.72	44.300	+ 6.58	–1 25.2	22 3 12.63	– 3.53	–17 0 40.5	–23.1
9	B. D. –11°5770	7	5 26.74	– 0.10	– 1.73	309 43 56.25	46.837	+ 6.58	–1 9.3	22 5 24.91	– 3.51	–11 17 28.3	–24.1
10	B. D. – 5°5732	7	7 46.11	– 0.07	– 1.73	315 49 56.50	46.120	+ 6.58	– 56.0	22 7 44.31	– 3.50	– 5 11 31.1	–25.0
11	B. D. –13°6148	7	11 41.85	– 0.12	– 1.73	307 43 56.65	44.318	+ 6.58	–1 14.4	22 11 40.00	– 3.53	–13 18 30.5	–23.9
12	B. D. –17°6491	7	14 24.24	– 0.14	– 1.73	303 51 54.10	43.850	+ 6.58	–1 25.8	22 14 22.37	– 3.54	–17 10 55.2	–23.3
13	B. D. –15°6208	7	18 13.25	– 0.13	– 1.73	305 35 56.38	46.442	+ 6.58	–1 20.4	22 18 11.39	– 3.53	–15 25 48.3	–23.6
14	B. D. –17°6520	7	21 23.64	– 0.14	– 1.73	303 47 57.62	47.022	+ 6.58	–1 26.0	22 21 21.77	– 3.55	–17 13 39.3	–23.4
15	B. D. – 4°5683	7	24 26.91	– 0.07	– 1.73	316 19 55.68	48.449	+ 6.58	– 55.0	22 24 25.11	– 3.52	– 4 40 37.7	–25.1
16	B. D. –11°5855	7	26 38.19	– 0.10	– 1.73	309 37 52.98	46.254	+ 6.58	–1 9.6	22 26 36.36	– 3.54	–11 23 45.1	–24.3
17	B. D. – 6°6034	7	32 20.11	– 0.08	– 1.73	314 27 58.20	45.532	+ 6.58	– 58.8	22 32 18.30	– 3.53	– 6 33 45.7	–24.9
18	B. D. –12°6327	7	36 22.89	– 0.11	– 1.73	308 17 56.35	46.242	+ 6.58	–1 13.0	22 36 21.05	– 3.53	–12 43 45.5	–24.2
19	B. D. –15°6265	7	39 17.00	– 0.13	– 1.73	305 51 54.78	44.132	+ 6.58	–1 19.7	22 39 15.14	– 3.54	–15 10 41.9	–23.9
20	B. D. – 4°5757(*mean*)	7	42 55.34	– 0.07	– 1.73	316 17 56.15	46.107	+ 6.58	– 55.2	22 42 53.54	– 3.54	– 4 43 31.0	–25.0
21	B. D. –10°6002	7	46 12.77	– 0.09	– 1.73	311 11 53.50	45.612	+ 6.58	–1 5.9	22 46 10.95	– 3.53	– 9 49 55.5	–24.5
22	B. D. – 7°5886	7	49 36.38	– 0.08	– 1.73	313 17 57.52	48.231	+ 6.58	–1 1.2	22 49 34.57	– 3.54	– 7 42 47.0	–24.7
23	B. D. –11°5961	7	53 6.95	– 0.10	– 1.73	309 23 56.18	43.852	+ 6.58	–1 10.3	22 53 5.12	– 3.54	–11 38 37.5	–24.4
24	B. D. –10°6038	7	56 9.21	– 0.10	– 1.73	310 57 55.28	45.544	+ 6.58	–1 6.5	22 56 7.38	– 3.54	–10 3 55.9	–24.5
25	B. D. – 5°5917	7	58 59.61	– 0.07	– 1.73	315 41 56.82	48.330	+ 6.58	– 56.3	22 58 57.81	– 3.55	– 5 18 40.6	–24.8
26	B. D. –13°6344	7	1 58.99	– 0.12	– 1.73	307 47 55.98	43.872	+ 6.58	–1 14.4	23 1 57.14	– 3.54	–13 14 41.4	–24.2
27	B. D.+ 1°4687	7	4 30.55	– 0.03	– 1.73	322 37 58.50	48.291	+ 6.58	– 44.1	23 4 28.79	– 3.58	+ 1 37 32.4	–25.1
28	B. D. –10°6082	7	8 0.75	– 0.10	– 1.73	310 55 56.72	46.709	+ 6.58	–1 6.6	23 7 58.92	– 3.54	–10 5 27.9	–24.4
29	B. D.+ 0°4982	7	10 46.62	– 0.04	– 1.73	321 47 58.12	47.620	+ 6.58	– 45.4	23 10 44.85	– 3.58	+ 0 47 15.4	–24.9
30	B. D. – 0°4498	7	13 27.64	– 0.04	– 1.73	321 1 54.85	44.782	+ 6.58	– 46.8	23 13 25.87	– 3.58	+ 0 0 5.9	–24.8
31	B. D. – 9°6173	7	16 15.23	– 0.09	– 1.73	311 49 52.95	45.550	+ 6.58	–1 4.5	23 16 13.41	– 3.54	– 9 11 56.1	–24.4
32	B. D. –10°6105	7	18 20.72	– 0.10	– 1.73	311 5 54.80	48.975	+ 6.58	–1 6.1	23 18 18.89	– 3.54	– 9 54 37.3	–24.3
33	B. D. – 6°6213	7	21 44.14	– 0.07	– 1.73	315 15 57.58	46.065	+ 6.58	– 57.2	23 21 42.34	– 3.55	– 5 45 32.4	–24.4
34	B. D. – 2°5973	7	24 33.67	– 0.05	– 1.73	318 41 56.98	47.028	+ 6.58	– 50.8	23 24 31.89	– 3.57	– 2 19 4.6	–24.5
35	B. D. – 1°4450	7	27 4.30	– 0.05	– 1.73	319 23 56.68	47.539	+ 6.58	– 49.5	23 27 2.52	– 3.58	– 1 36 52.0	–24.5
36	B. D.+ 4°5029	7	29 33.12	– 0.02	– 1.73	325 57 57.48	45.374	+ 6.58	– 39.0	23 29 31.37	– 3.63	+ 4 56 29.8	–24.5
37	B. D. – 4°5917	7	33 16.79	– 0.06	– 1.73	316 43 55.95	46.508	+ 6.58	– 54.4	23 33 15.00	– 3.56	– 4 17 21.1	–24.3
38	B. D.+ 2°4701	7	35 58.93	– 0.02	– 1.73	324 5 58.02	48.904	+ 6.58	– 41.8	23 35 57.18	– 3.62	+ 3 5 48.3	–24.2
39	ι^1 Aquarii	7	39 15.68	– 0.16	– **1.72**	302 13 54.12	45.149	+ 6.58	–1 31.5	23 39 13.79	....	–18 48 31.1	....
40	φ Pegasi	7	47 38.61	+ 0.05	– **1.70**	339 35 58.42	46.691	+ 6.58	– 21.5	23 47 36.93	....	+18 35 18.3	....
41	β Ceti	7	38 48.59	– 0.14	– **1.78**	302 31 54.30	44.465	+ 6.58	–1 30.7	0 38 46.71	....	–18 30 45.7	....
42	ζ Andromedæ	7	42 17.30	+ 0.09	– **1.68**	344 45 58.75	44.844	+ 6.58	– 15.8	0 42 15.65	....	+23 44 42.1	....
43	B. D.+11°106	7	46 35.59	+ 0.04	– 1.74	333 18 17.58	42.215	+ 6.58	– 29.2	0 46 33.89	– 3.73	+12 15 47.5	–20.0
44	B. D.+ 5°120	7	49 2.49	0.00	– 1.74	326 17 58.80	47.420	+ 6.58	– 38.7	0 49 0.75	– 3.61	+ 5 17 18.5	–20.7
45	B. D.+ 0°149	7	52 46.01	– 0.02	– 1.74	322 17 55.65	44.415	+ 6.58	– 44.8	0 52 44.25	– 3.54	+ 1 16 0.3	–20.9
46	B. D.+ 1°185	7	55 11.59	– 0.01	– 1.74	323 7 58.92	46.719	+ 6.58	– 43.5	0 55 9.84	– 3.55	+ 2 6 57.5	–20.7
47	ε Piscium	7	57 59.78	+ 0.02	– **1.67**	328 23 57.70	45.055	+ 6.58	– 35.7	0 57 58.06	....	+ 7 22 26.1	....
48	B. D.+ 4°175	7	0 53.45	0.00	– 1.74	325 25 56.38	43.818	+ 6.58	– 40.0	1 0 51.71	– 3.58	+ 4 23 52.1	–20.1
49	B. D.+10°128	7	2 3.61	+ 0.03	– 1.74	332 4 19.88	43.568	+ 6.58	– 30.8	1 2 1.90	– 3.69	+11 2 19.1	–19.1
50	B. D.+15°123	7	6 0.24	+ 0.06	– 1.74	337 17 59.45	43.383	+ 6.58	– 24.3	1 5 58.56	– 3.79	+16 16 0.9	–18.0
51	B. D.+15°175	7	7 45.91	+ 0.06	– 1.74	337 15 58.60	46.772	+ 6.58	– 24.3	1 7 44.23	– 3.79	+16 15 17.4	–17.9
52	B. D.+ 1°238	7	11 41.00	– 0.01	– 1.74	323 13 54.28	48.994	+ 6.58	– 43.3	1 11 39.25	– 3.52	+ 2 13 45.1	–19.7
53	B. D.+10°168	7	16 17.41	+ 0.04	– 1.74	332 3 58.15	43.695	+ 6.58	– 30.8	1 16 15.71	– 3.67	+11 2 0.2	–18.1
54	B. D.+ 6°211	7	17 57.73	+ 0.02	– 1.74	327 55 56.45	45.815	+ 6.58	– 36.4	1 17 56.01	– 3.60	+ 6 54 41.4	–18.6
55	B. D.+ 4°251	7	22 42.85	+ 0.01	– 1.74	325 51 54.62	48.141	+ 6.58	– 39.3	1 22 41.12	– 3.54	+ 4 51 29.9	–18.6
56	B. D.+ 1°269	7	25 59.89	– 0.01	– 1.74	322 45 55.45	43.322	+ 6.58	– 44.1	1 25 58.14	– 3.48	+ 1 43 35.8	–18.9
57	B. D.+ 8°245	7	28 54.88	+ 0.02	– 1.74	329 31 57.30	44.059	+ 6.58	– 34.2	1 28 53.16	– 3.60	+ 8 30 4.4	–17.7
58	B. D.+ 3°218	7	31 20.29	0.00	– 1.74	324 49 55.80	48.000	+ 6.58	– 40.9	1 31 18.55	– 3.50	+ 3 49 26.3	–18.3
59	B. D.+13°255	7	34 8.89	+ 0.05	– 1.74	334 49 55.05	43.401	+ 6.58	– 27.3	1 34 7.20	– 3.70	+13 47 54.0	–16.3
60	B. D.+ 9°206	7	37 33.57	+ 0.03	– 1.74	330 47 52.38	43.040	+ 6.58	– 32.5	1 37 31.86	– 3.60	+ 9 45 37.9	–16.8
61	B. D.+16°196	7	41 24.76	+ 0.07	– 1.74	337 57 54.15	43.280	+ 6.58	– 23.5	1 41 23.09	– 3.76	+16 55 54.1	–15.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 21 44	30.09	56.0	....
21 55	......	....	54.2
22 15	30.09	55.0	53.8
22 45	......	....	53.2
23 6	30.09	53.8	53.0
23 31	......	....	52.7
23 49	30.095	53.4	52.8
0 38	......	....	51.1
0 44	30.10	52.5	....
0 52	......	....	51.0
1 20	30.105	52.0	50.9

Micrometer bisections are made at II, VI, except as noted below.

1, 32, 44.	Bisections at VI, VII.
2, 3, 4, 6, 9, 11, 12, 13, 17, 18, 25, 26, 48–51, 53, 54.	Bisections at I, II, VI.
5, 7, 10, 14, 15, 16, 19, 21–24, 27–31, 33–43, 45, 46, 47, 52, 55–61.	Bisections at I, II, VI, VII.
8.	Bisections at II, VI, VII.
20.	Bisections at I, II, VII.

Notes.

1–61 Unsteady; poor definition; conditions slowly improving.

56. Faint.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+13°286	7	44 57.97	+ 0.06	− 1.74	334 53 55.25	44.525	+ 6.58	− 27.2	1 44 56.29	− 3.67	+13 52 19.9	−15.4
2	B. D.+ 6°296	7	48 37.58	+ 0.02	− 1.74	328 9 54.82	48.415	+ 6.58	− 36.0	1 48 35.86	− 3.52	+ 7 9 39.5	−16.5
3	B. D.+17°289	7	52 8.39	+ 0.07	− 1.74	338 21 59.08	45.672	+ 6.58	− 23.0	1 52 6.72	− 3.74	+17 20 54.1	−14.1
4	B. D.+15°292	7	55 58.58	+ 0.07	− 1.74	337 7 56.12	43.607	+ 6.58	− 24.5	1 55 56.91	− 3.70	+16 6 2.5	−14.1
5	B. D.+16°237	7	0 30.13	+ 0.07	− 1.74	338 11 58.12	47.132	+ 6.58	− 23.2	2 0 28.46	− 3.72	+17 11 26.3	−13.4
6	B. D.+ 5°285	7	2 47.41	+ 0.02	− 1.74	326 33 53.88	43.480	+ 6.58	− 38.3	2 2 45.69	− 3.45	+ 5 31 43.6	−15.8
7	B. D.+12°292	7	4 38.16	+ 0.05	− 1.74	333 43 51.60	47.178	+ 6.58	− 28.6	2 4 36.47	− 3.60	+12 43 15.4	−14.1
8	B. D.+14°357	7	7 51.07	+ 0.06	− 1.74	335 51 54.60	43.030	+ 6.58	− 26.0	2 7 49.39	− 3.64	+14 49 46.3	−13.3
9	B. D.+ 9°296	7	11 47.22	+ 0.04	− 1.74	330 21 53.62	45.162	+ 6.58	− 33.0	2 11 45.52	− 3.50	+ 9 20 27.0	−14.3
10	B. D.+13°371	7	15 2.41	+ 0.06	− 1.74	334 51 56.48	47.230	+ 6.58	− 27.2	2 15 0.73	− 3.60	+13 51 23.1	−13.0
11	B. D.+17°353	7	17 22.71	+ 0.08	− 1.74	338 59 51.45	44.036	+ 6.58	− 22.3	2 17 21.05	− 3.67	+17 58 9.9	−11.8
12	B. D.+11°335	7	20 26.11	+ 0.05	− 1.74	332 33 55.10	45.500	+ 6.58	− 30.1	2 20 24.42	− 3.53	+11 32 39.1	−13.0
13	ξ² Ceti	7	23 5.24	+ 0.04	− **1.80**	329 3 55.35	43.415	+ 6.58	− 34.8	2 23 3.54	....	+ 8 1 47.1	....
14	27 Arietis	7	25 36.76	+ 0.08	− 1.74	338 17 49.08	45.622	+ 6.58	− 23.1	2 25 35.10	− 3.65	+17 16 42.9	−11.2
15	B. D.+ 6°392	7	30 0.99	+ 0.03	− 1.74	328 3 53.22	47.290	+ 6.58	− 36.2	2 29 59.28	− 3.40	+ 7 3 12.1	−13.3
16	B. D.+24°376	7	31 30.25	+ 0.11	− 1.74	345 15 57.18	42.245	+ 6.58	− 15.3	2 31 28.62	− 3.83	+24 13 41.8	− 8.9
17	B. D.+17°414	7	35 12.96	+ 0.08	− 1.74	339 11 56.12	46.340	+ 6.58	− 22.0	2 35 11.30	− 3.64	+18 11 7.4	−10.2
18	B. D.+17°426	7	38 59.52	+ 0.08	− 1.74	338 21 53.70	47.222	+ 6.58	− 23.0	2 38 57.86	− 3.61	+17 21 24.2	−10.0
19	B. D.+22°392	7	41 47.18	+ 0.10	− 1.74	343 33 54.50	46.962	+ 6.58	− 17.1	2 41 45.54	− 3.74	+22 33 24.9	− 8.4
20	B. D.+12°392	7	44 41.45	+ 0.06	− 1.74	333 15 53.60	47.597	+ 6.58	− 29.2	2 44 39.77	− 3.46	+12 15 26.4	−10.9
21	B. D.+ 8°443	7	48 38.64	+ 0.04	− 1.74	329 57 55.58	45.555	+ 6.58	− 34.3	2 48 36.94	− 3.37	+ 8 56 36.7	−11.4
22	B. D.+14°492	7	50 24.44	+ 0.07	− 1.74	335 19 56.35	46.253	+ 6.58	− 26.6	2 50 22.77	− 3.49	+14 19 1.1	− 9.8
23	ε Arietis (*mean*)	7	53 45.11	+ 0.10	− **1.75**	341 57 53.60	46.839	+ 6.58	− 18.9	2 53 43.47	....	+20 57 19.5	....
24	α Ceti	7	57 17.47	+ 0.02	− **1.77**	324 43 54.55	46.371	+ 6.58	− 41.0	2 57 15.75	....	+ 3 42 47.7	....
	September 18, L.												
25	80 Tauri	7	24 41.69	+ 0.10	−2.02	336 25 55.30	47.870	+ 6.14	− 25.3	4 24 39.77	− 3.07	+15 25 37.9	− 1.4
26	α Tauri	7	30 26.26	+ 0.11	−**2.05**	337 19 55.25	45.955	+ 6.14	− 24.3	4 30 24.35	....	+16 18 55.1	....
27	τ Tauri	7	36 30.40	+ 0.14	−**2.01**	343 47 54.98	43.925	+ 6.14	− 16.9	4 36 28.52	....	+22 46 15.8	....
28	μ Eridani	7	40 43.74	+ 0.01	−**2.03**	317 35 54.38	45.390	+ 6.14	− 53.1	4 40 41.73	....	− 3 25 47.4	....
29	9 Camelopardalis	7	44 31.39	+ 0.48	−2.02	27 11 58.20	42.262	+ 6.14	+ 30.0	4 44 29.85	....	+66 10 27.7	....
30	π⁵ Orionis	7	49 16.55	+ 0.04	−**2.01**	323 17 54.58	47.072	+ 6.14	− 43.3	4 49 14.57	....	+ 2 17 1.0	....
31	10 Camelopardalis	7	54 53.69	+ 0.40	−2.02	21 17 58.05	46.122	+ 6.14	+ 22.8	4 54 52.07	....	+60 17 48.6	....
32	11 Orionis	7	59 6.34	+ 0.11	−**2.02**	336 17 55.45	44.020	+ 6.14	− 25.5	4 59 4.43	....	+15 16 9.9	....
33	19 H. Camelopardalis	7	6 44.01	+ 0.93	−2.02	40 7 59.22	42.490	+ 6.14	+ 49.3	5 6 42.92	....	+79 6 53.4	....
34	τ Orionis	7	12 58.16	0.00	−**2.01**	314 3 53.55	48.265	+ 6.14	−1 0.1	5 12 56.14	....	− 6 56 49.5	....
35	γ Orionis	7	20 0.22	+ 0.07	−**2.01**	327 17 54.52	43.535	+ 6.14	− 37.4	5 19 58.27	....	+ 6 15 46.0	....
36	β Leporis	7	24 9.46	− 0.09	−2.02	300 11 52.80	46.872	+ 6.14	−1 39.8	5 24 7.35	− 2.01	−20 50 1.7	− 8.1
37	α Leporis	7	28 31.31	− 0.07	−**2.04**	303 7 52.78	48.230	+ 6.14	−1 29.0	5 28 29.22	....	−17 53 19.9	....
38	ζ Tauri	7	31 55.54	+ 0.14	−**2.01**	342 5 57.32	45.755	+ 6.14	− 18.8	5 31 53.66	....	+21 4 58.1	....
39	ν Aurigæ	7	44 50.98	+ 0.23	−2.02	0 7 58.00	45.042	+ 6.14	+ 0.2	5 44 49.19	....	+39 7 1.4	....
40	δ Aurigæ	7	51 37.79	+ 0.34	−2.02	15 17 58.12	42.642	+ 6.14	+ 16.0	5 51 36.11	....	+54 16 22.4	....
41	1 Geminorum	7	58 18.01	+ 0.16	[−**2.04**]	344 17 56.28	43.238	+ 6.14	− 16.4	5 58 16.15	....	+23 16 1.9	....
42	δ Ursæ Minoris S. P.	5	3 24.86	− 2.27	−2.02	54 21 59.72	45.942	+ 6.14	+1 21.5	18 3 20.57	....	+86 37 14.6	....
43	η Geminorum	7	9 5.78	+ 0.15	[−**1.95**]	343 33 54.85	43.222	+ 6.14	− 17.2	6 9 3.90	....	+22 31 59.3	....
44	μ Geminorum	7	17 9.94	+ 0.15	[−**1.98**]	343 33 55.70	47.672	+ 6.14	− 17.1	6 17 8.06	....	+22 33 42.0	....
45	ν Geminorum	7	23 16.53	+ 0.14	[−**1.99**]	341 17 56.32	44.125	+ 6.14	− 19.7	6 23 14.64	....	+20 16 19.0	....
46	13 Monocerotis	7	27 43.71	+ 0.08	−2.03	328 25 54.45	44.620	+ 6.14	− 35.8	6 27 41.76	− 2.20	+ 7 24 12.3	+ 4.7
47	γ Geminorum	7	32 10.74	+ 0.13	[−**2.00**]	337 29 54.92	45.752	+ 6.14	− 24.1	6 32 8.84	....	+16 28 50.4	....
48	ε Geminorum	7	38 2.18	+ 0.17	−2.03	346 13 56.95	46.958	+ 6.14	− 14.2	6 38 0.32	....	+25 13 29.8	....
49	α Canis Majoris	7	40 56.26	− 0.05	−2.03	304 27 54.18	43.840	+ 6.14	−1 24.6	6 40 54.18	....	−16 34 54.5	....
50	θ Geminorum	7	46 28.11	+ 0.22	−2.03	355 5 56.55	43.940	+ 6.14	− 4.9	6 46 26.30	....	+34 4 29.7	....
51	θ Canis Majoris	7	49 44.81	− 0.02	−2.03	309 5 54.60	48.280	+ 6.14	−1 11.4	6 49 42.76	....	−11 54 59.2	....
	September 19, L.												
52	δ Ursæ Minoris	4	3 18.48	+ 4.84	− 2.11	47 35 58.98	48.282	+ 5.96	+1 2.9	18 3 21.21	....	+86 37 18.7	....
53	5 B. Lyræ	7	12 41.20	+ 0.34	− 2.11	3 7 56.40	47.678	+ 5.96	+ 3.2	18 12 39.43	− 1.67	+42 8 2.9	−28.0
54	η Serpentis	7	16 22.06	+ 0.04	− **2.11**	318 5 55.00	47.000	+ 5.96	− 51.3	18 16 19.99	....	− 2 55 8.4	....
55	χ Draconis	7	22 49.68	+ 1.00	− 2.11	33 41 58.65	45.862	+ 5.96	+ 38.4	18 22 48.57	....	+72 41 58.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 1 50	......	....	51.0
2 9	30.11	51.8	51.1
2 37	......	....	51.0
2 58	30.12	51.7	51.0
4 25	30.13	52.1	50.4
5 7	30.14	51.4	50.2
5 24	......	....	49.9
5 45	......	....	49.9
6 17	30.165	51.1	50.3
6 50	30.18	52.7	51.2
19 18 3	30.15	60.4	59.0

Micrometer bisections are made at II, VI, except as noted below.

1–9, 12, 14, 15, 17, 19, 20, 21.	Bisections at I, II, VI.
10.	Bisections at I, VI, VII.
11, 23, 24, 36, 37.	Bisections at I, II, VI, VII.
16.	Bisections at II, VI, VII.
18, 22.	Bisections at I, II, VII.
33.	Bisection at V.
42.	Bisections at b_1, b_3 b_5.
51.	Bisections at VI, VII.
52.	Bisections at b_7, b_9.
55.	Bisections at III, V.

Notes.

1–24.	Unsteady; poor definition.
25–51.	Diffuse and unsteady.
35.	Revolutions of micrometer reading assumed.
54.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	3 H. Scuti..............	7	30 0.56	+ 0.01	**− 2.10**	312 43 53.88	44.065	+ 5.96	−1 2.0	18 29 58.46	....	− 8 18 27.3	....
2	156 H¹. Draconis..........	7	34 26.68	+ 1.37	− 2.11	38 27 57.88	47.782	+ 5.96	+ 45.7	18 34 25.94	+ 0.50	+77 28 49.2	−30.4
3	ε¹ Lyræ (*south*)...........	7	41 11.39	+ 0.32	− 2.11	0 33 56.25	49.325	+ 5.96	+ 0.7	18 41 9.60	− 2.01	+39 34 37.9	−29.0
4	24 H. Camelopardalis s. P.	7	46 3.59	− 1.13	− 2.11	63 51 59.30	48.668	+ 5.96	+1 56.9	6 46 0.35	− 4.66	+77 5 37.3	+27.3
5	ξ Sagittarii..............	7	52 1.97	− 0.08	− 2.11	299 47 53.18	47.405	+ 5.96	−1 39.6	18 51 59.78	− 3.08	−21 13 49.1	−12.9
6	19 Lyræ..................	7	8 7.04	+ 0.25	− 2.11	352 7 56.70	47.492	+ 5.96	− 7.9	19 8 5.18	− 2.39	+31 7 47.9	−28.7
	September 19, Ei.-Y.												
7	16 Pegasi................	7	48 44.05	+ 0.22	**− 1.84**	346 29 56.12	44.635	+ 5.20	− 13.8	21 48 42.35	....	+25 28 35.6	....
8	α Aquarii................	7	0 53.51	+ 0.07	**− 1.94**	320 13 54.92	47.110	+ 5.18	− 47.8	22 0 51.66	....	− 0 47 3.0	....
9	ι Pegasi.................	7	2 35.00	+ 0.22	**− 1.88**	345 53 57.02	45.052	+ 5.17	− 14.4	22 2 33.30	....	+24 52 45.2	....
10	B. D.−12°6196........	7	5 31.86	0.00	− 1.92	308 59 52.95	45.366	+ 5.17	−1 11.0	22 5 29.94	− 3.51	−12 2 8.2	−23.9
11	B. D.−13°6130........	7	7 54.09	− 0.01	− 1.92	307 31 52.50	46.287	+ 5.16	−1 14.8	22 7 52.16	− 3.51	−13 29 51.3	−23.7
12	B. D.−15°6180........	7	11 48.19	− 0.02	− 1.92	305 53 53.42	46.015	+ 5.16	−1 19.3	22 11 46.25	− 3.52	−15 8 1.1	−23.5
13	B. D.− 4°5655........	7	14 52.16	+ 0.05	− 1.92	316 27 54.00	48.315	+ 5.15	− 54.6	22 14 50.29	− 3.50	− 4 32 43.3	−25.1
14	B. D.− 7°5765........	7	18 32.33	+ 0.03	− 1.92	313 19 55.68	48.600	+ 5.14	−1 0.9	22 18 30.44	− 3.51	− 7 40 41.6	−24.7
15	B. D.−13°6204........	7	24 55.83	− 0.01	− 1.92	307 37 53.88	45.025	+ 5.13	−1 14.6	22 24 53.90	− 3.52	−13 24 18.7	−23.9
16	B. D.−10°5947........	7	29 5.51	+ 0.01	− 1.92	310 55 52.68	45.192	+ 5.12	−1 6.3	22 29 3.60	− 3.53	−10 6 7.8	−24.4
17	B. D.−14°6317........	7	32 49.43	− 0.01	− 1.92	307 9 53.40	45.795	+ 5.11	−1 15.9	22 32 47.50	− 3.53	−13 52 2.9	−24.0
18	B. D.− 5°5843........	7	37 8.67	+ 0.04	− 1.92	315 25 54.05	44.928	+ 5.11	− 56.7	22 37 6.79	− 3.53	− 5 36 2.9	−24.9
19	B. D.−13°6262........	7	40 24.01	− 0.01	− 1.92	307 29 53.05	49.665	+ 5.10	−1 14.9	22 40 22.08	− 3.54	−13 30 33.9	−24.0
20	λ Aquarii................	7	47 38.75	+ 0.02	**− 1.93**	312 55 54.42	47.030	+ 5.08	−1 1.9	22 47 36.85	....	− 8 5 19.7	....
21	B. D.+ 0°4939........	7	50 7.21	+ 0.08	− 1.92	321 33 54.02	47.975	+ 5.08	− 45.7	22 50 5.37	− 3.56	+ 0 33 17.6	−25.4
22	B. D.− 6°6110........	7	53 12.68	+ 0.04	− 1.92	314 49 53.48	45.452	+ 5.07	− 57.9	22 53 10.80	− 3.54	− 6 11 52.8	−24.8
23	B. D.−15°6325........	7	56 23.03	− 0.02	− 1.92	306 13 53.12	48.465	+ 5.07	−1 18.4	22 56 21.09	− 3.54	−14 47 4.7	−24.0
24	B. D.− 2°5876........	7	59 24.24	+ 0.06	− 1.92	318 35 55.40	47.495	+ 5.06	− 50.8	22 59 22.38	− 3.56	− 2 24 57.1	−25.0
25	B. D.− 8°6025........	7	2 14.58	+ 0.02	− 1.92	312 47 53.88	48.858	+ 5.06	−1 2.2	23 2 12.68	− 3.54	− 8 12 38.8	−24.6
26	B. D.− 4°5833........	7	4 41.90	+ 0.05	− 1.92	316 31 53.70	47.988	+ 5.05	− 54.6	23 4 40.03	− 3.55	− 4 28 51.3	−24.8
27	B. D.− 0°4483........	7	8 7.49	+ 0.07	− 1.92	320 31 53.92	46.268	+ 5.04	− 47.5	23 8 5.64	− 3.58	− 0 29 23.3	−25.0
28	B. D.−13°6372........	7	10 53.16	− 0.01	− 1.92	307 17 54.38	50.215	+ 5.04	−1 15.5	23 10 51.23	− 3.53	−13 42 20.6	−24.1
29	B. D.− 2°5925........	7	13 33.37	+ 0.06	− 1.92	318 35 55.80	46.965	+ 5.03	− 50.8	23 13 31.51	− 3.57	− 2 25 8.8	−24.8
30	B. D.+ 1°4714........	7	16 19.46	+ 0.08	− 1.92	322 39 55.68	50.775	+ 5.03	− 43.9	23 16 17.62	− 3.60	+ 1 40 25.1	−24.8
31	B. D.− 4°5879........	7	18 29.01	+ 0.05	− 1.92	317 15 56.12	49.000	+ 5.02	− 53.2	23 18 27.14	− 3.56	− 3 44 24.4	−24.6
32	B. D.+ 1°4724........	7	21 51.76	+ 0.08	− 1.92	322 57 55.78	47.260	+ 5.02	− 43.5	23 21 49.92	− 3.60	+ 1 57 5.2	−24.7
33	B. D.− 5°5999........	7	24 36.66	+ 0.04	− 1.92	315 57 54.55	46.975	+ 5.01	− 55.8	23 24 34.78	− 3.56	− 5 3 14.9	−24.4
34	B. D.−12°6510........	7	27 16.38	0.00	− 1.92	308 55 53.52	49.985	+ 5.01	−1 11.3	23 27 14.46	− 3.53	−12 4 22.6	−24.1
35	B. D.−11°6110........	7	30 31.97	+ 0.01	− 1.93	309 55 54.42	48.000	+ 5.00	−1 8.8	23 30 30.05	− 3.53	−11 5 4.5	−24.1
36	B. D.− 9°6224........	7	33 17.38	+ 0.02	− 1.93	311 51 53.42	46.822	+ 4.99	−1 4.4	23 33 15.47	− 3.54	− 9 9 27.8	−24.1
37	B. D.− 7°6070........	7	36 16.01	+ 0.03	− 1.93	313 59 54.92	49.098	+ 4.98	− 59.7	23 36 14.11	− 3.54	− 7 0 29.9	−24.1
38	B. D.− 1°4485........	7	40 7.16	+ 0.07	− 1.93	319 49 54.58	45.890	+ 4.97	− 48.7	23 40 5.30	− 3.58	− 1 11 32.6	−24.1
39	B. D.+ 0°5054........	7	44 34.93	+ 0.08	− 1.93	321 33 54.60	46.285	+ 4.96	− 45.8	23 44 33.08	− 3.60	+ 0 32 39.4	−24.0
40	B. D.+ 2°4728........	7	49 26.71	+ 0.09	− 1.93	324 9 54.58	46.410	+ 4.95	− 41.7	23 49 24.87	− 3.62	+ 3 8 46.3	−23.8
41	27 Piscium...............	7	53 47.89	+ 0.05	− 1.93	316 55 55.02	46.912	+ 4.94	− 54.0	23 53 46.01	....	− 4 5 14.1	....
42	B. D.− 5°6097........	7	56 6.83	+ 0.04	− 1.93	315 33 54.30	45.875	+ 4.94	− 56.6	23 56 4.94	− 3.54	− 5 27 41.1	−23.6
43	B. D.+ 0°5084........	7	59 53.67	+ 0.08	− 1.93	322 1 53.98	45.180	+ 4.93	− 45.1	23 59 51.82	− 3.60	+ 1 0 14.2	−23.4
44	B. D.− 3°2...........	7	2 51.41	+ 0.06	− 1.93	317 55 56.12	47.630	+ 4.92	− 52.1	0 2 49.54	− 3.56	− 3 4 54.7	−23.4
45	B. D.− 4°7...........	7	6 17.05	+ 0.05	− 1.93	317 9 53.58	46.900	+ 4.92	− 53.5	0 6 15.17	− 3.55	− 3 51 15.6	−23.3
46	γ Pegasi.................	7	8 20.00	+ 0.16	**− 1.96**	335 39 55.45	46.408	+ 4.91	− 26.1	0 8 18.23	....	+14 39 2.6	....
47	ι Ceti...................	7	14 34.56	+ 0.02	**− 1.91**	311 39 52.72	47.270	+ 4.90	−1 4.9	0 14 32.65	....	− 9 21 19.1	....
48	B. D.+ 9°101.........	7	47 49.74	+ 0.14	− 1.93	330 17 55.72	46.625	+ 4.85	− 33.0	0 47 47.95	− 3.68	+ 9 17 0.9	−20.4
49	B. D.+ 9°110.........	7	51 48.43	+ 0.14	− 1.93	330 29 54.80	48.722	+ 4.84	− 32.7	0 51 46.64	− 3.68	+ 9 29 48.2	−20.1
50	B. D.− 1°124.........	7	54 28.02	+ 0.08	− 1.93	319 49 54.00	46.095	+ 4.84	− 48.8	0 54 26.17	− 3.52	− 1 11 28.7	−21.1
51	B. D.+ 7°151.........	7	57 9.57	+ 0.13	− 1.93	328 25 54.85	47.818	+ 4.83	− 35.5	0 57 7.77	− 3.64	+ 7 25 24.8	−20.0
52	B. D.+ 6°155.........	7	59 52.66	+ 0.13	− 1.93	327 33 55.28	44.305	+ 4.83	− 36.7	0 59 50.86	− 3.62	+ 6 32 3.5	−20.0
53	B. D.− 1°144.........	7	1 33.11	+ 0.08	− 1.93	319 45 55.22	45.435	+ 4.83	− 48.9	1 1 31.26	− 3.50	− 1 15 42.7	−20.7
54	B. D.+14°175.........	7	5 8.33	+ 0.18	− 1.93	336 11 55.65	43.090	+ 4.82	− 25.5	1 5 6.58	− 3.78	+15 9 47.8	−18.4
55	ζ¹ Piscium...............	7	8 45.21	+ 0.13	**− 1.93**	328 5 55.58	44.352	+ 4.82	− 36.0	1 8 43.41	....	+ 7 4 5.8	....
56	υ Piscium................	7	14 13.74	+ 0.25	**− 1.93**	347 45 47.08	47.482	+ 4.81	− 12.5	1 14 12.06	....	+26 45 32.3	....
57	B. D.+11°172.........	7	16 55.79	+ 0.16	− 1.93	333 8 0.62	43.772	+ 4.81	− 29.3	1 16 54.02	− 3.70	+12 6 4.5	−18.0
58	B. D.+ 8°218.........	7	18 6.83	+ 0.14	− 1.93	329 41 55.78	47.222	+ 4.81	− 33.7	1 18 5.04	− 3.64	+ 8 41 14.2	−18.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 18 30	......	....	58.1
19 8	30.14	59.1	58.0
21 48	......	....	56.2
21 51	30.15	57.0	....
22 14	......	....	56.0
22 34	30.15	56.4	55.5
23 6	......	....	54.9
23 28	30.14	55.5	54.1
23 58	......	....	53.8
0 27	30.13	54.5	53.5
0 50	......	....	53.3
1 20	30.12	53.9	53.5

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at III, V.
4.	Bisections at II, III, V, VI.
5, 11.	Bisections at II, VI, VII.
7, 36, 54, 57, 58.	Bisections at VI, VII.
8, 45, 52.	Bisections at I, II.
10.	Bisections at I, II, VI, VII
12, 13.	Bisections at I, II, VI.
30.	Bisections at II, VII.

Notes.

3. Assumed that south star was observed as directed on observing list.

20, 21. Through clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+16°154.	7	23 16.64	+ 0.19	− 1.93	337 35 55.58	46.052	+ 4.80	− 23.8	1 23 14.90	− 3.79	+16 34 56.8	−16.8
2	η Piscium	7	26 22.99	+ 0.18	− **1.93**	335 51 55.42	46.450	+ 4.79	− 25.9	1 26 21.24	.....	+14 51 3.6	....
3	B. D.+17°224.	7	29 39.55	+ 0.20	− 1.93	338 59 55.38	44.010	+ 4.79	− 22.2	1 29 37.82	− 3.82	+17 58 11.8	−16.0
4	B. D.+ 5°218.	7	31 42.73	+ 0.13	− 1.93	327 13 54.68	48.730	+ 4.79	− 37.2	1 31 40.93	− 3.56	+ 6 13 43.7	−17.9
5	B. D.+15°245.	7	34 32.22	+ 0.19	− 1.93	336 55 56.45	46.500	+ 4.78	− 24.6	1 34 30.48	− 3.76	+15 55 7.1	−16.0
6	B. D.+10°225.	7	37 46.68	+ 0.16	− 1.93	331 37 55.22	44.228	+ 4.77	− 31.2	1 37 44.91	− 3.64	+10 36 7.4	−16.7
7	B. D.+10°241.	7	42 5.68	+ 0.16	− 1.93	331 23 55.22	43.570	+ 4.77	− 31.5	1 42 3.91	− 3.62	+10 21 52.0	−16.4
8	54 Ceti	7	45 48.51	+ 0.16	− 1.93	331 35 55.60	44.092	+ 4.76	− 31.3	1 45 46.74	− 3.62	+10 34 4.5	−16.1
9	ξ Piscium	7	48 37.30	+ 0.11	− **1.96**	323 43 55.52	46.592	+ 4.76	− 42.4	1 48 35.48	.....	+ 2 42 50.5	....
10	B. D.+15°286.	7	53 28.31	+ 0.19	− 1.94	336 29 55.88	42.902	+ 4.75	− 25.1	1 53 26.56	− 3.71	+15 27 43.8	−14.5
11	B. D.+14°326.	7	56 40.61	+ 0.19	− 1.94	335 37 55.55	44.112	+ 4.74	− 26.2	1 56 38.86	− 3.68	+14 36 10.0	−14.4
12	B. D.+12°280.	7	0 34.12	+ 0.18	− 1.94	333 37 54.70	48.660	+ 4.74	− 28.6	2 0 32.36	− 3.63	+12 37 50.7	−14.5
13	B. D.+15°305.	7	2 52.29	+ 0.19	− 1.94	336 21 55.52	45.972	+ 4.74	− 25.3	2 2 50.54	− 3.68	+15 20 53.4	−13.7
14	15 Arietis	7	5 20.38	+ 0.21	− 1.94	340 3 56.00	45.570	+ 4.73	− 21.0	2 5 18.65	− 3.77	+19 2 49.0	−12.8
15	ξ¹ Ceti	7	7 56.75	+ 0.15	− **1.92**	329 25 56.25	43.430	+ 4.73	− 34.2	2 7 54.96	.....	+ 8 23 47.1	....
16	B. D.+16°266.	7	11 49.19	+ 0.20	− 1.94	337 53 55.90	44.122	+ 4.72	− 23.5	2 11 47.45	− 3.70	+16 52 13.5	−12.7
17	B. D.+13°371.	7	15 2.44	+ 0.19	− 1.94	334 53 55.10	42.140	+ 4.72	− 27.1	2 15 0.69	− 3.62	+13 51 23.6	−13.1
18	B. D.+10°318.	7	18 7.38	+ 0.17	− 1.94	331 25 54.90	43.772	+ 4.71	− 31.5	2 18 5.61	− 3.53	+10 23 56.3	−13.6
19	B. D.+18°305.	7	20 55.28	+ 0.22	− 1.94	339 29 55.65	44.320	+ 4.71	− 21.6	2 20 53.56	− 3.71	+18 28 19.4	−11.5
20	B. D.+13°395.	7	23 22.08	+ 0.19	− 1.94	334 27 57.10	45.908	+ 4.71	− 27.6	2 23 20.33	− 3.58	+13 26 51.2	−12.5
21	B. D.+21°349.	7	26 58.13	+ 0.24	− 1.94	342 55 56.58	44.578	+ 4.70	− 17.8	2 26 56.43	− 3.79	+21 54 30.0	−10.1
22	B. D.+15°354.	7	30 24.39	+ 0.20	− 1.94	337 11 56.05	47.472	+ 4.70	− 24.3	2 30 22.65	− 3.63	+16 11 28.8	−11.2
23	B. D.+ 7°402.	7	31 31.91	+ 0.15	− 1.94	328 19 54.62	46.022	+ 4.70	− 35.7	2 31 30.12	− 3.42	+ 7 18 43.2	−13.2
24	B. D.+12°370.	7	35 14.73	+ 0.19	− 1.94	334 7 55.48	46.015	+ 4.69	− 28.0	2 35 12.98	− 3.54	+13 6 51.6	−11.6
25	B. D.+14°457.	7	39 17.43	+ 0.20	− 1.94	335 55 56.22	44.392	+ 4.68	− 25.8	2 39 15.69	− 3.56	+14 54 17.4	−10.7
26	B. D.+20°462.	7	42 2.21	+ 0.24	− 1.94	341 57 56.75	44.648	+ 4.68	− 18.8	2 42 0.51	− 3.72	+20 56 30.8	− 8.9
27	B. D.+13°456.	7	44 59.01	+ 0.19	− 1.94	334 19 56.40	45.580	+ 4.67	− 27.8	2 44 57.26	− 3.51	+13 18 42.7	−10.7
28	B. D.+19°432.	7	48 52.11	+ 0.23	− 1.94	341 11 55.25	44.448	+ 4.67	− 19.7	2 48 50.40	− 3.67	+20 10 23.5	− 8.5
29	B. D.+17°457.	7	50 26.65	+ 0.22	− 1.94	338 57 56.20	44.798	+ 4.66	− 22.3	2 50 24.93	− 3.60	+17 56 30.2	− 8.9
30	B. D.+19°440.	7	53 44.83	+ 0.23	− 1.94	340 35 56.35	49.495	+ 4.66	− 20.3	2 53 43.12	− 3.64	+19 36 19.6	− 8.2
31	B. D.+18°391.	7	55 46.42	+ 0.23	− 1.94	340 1 56.58	46.835	+ 4.66	− 21.0	2 55 44.71	− 3.61	+19 1 18.4	− 8.2
32	B. D.+11°434.	7	1 5.21	+ 0.18	− 1.94	332 19 55.25	42.682	+ 4.65	− 30.4	3 1 3.45	− 3.40	+11 17 32.7	− 9.8
33	B. D.+21°416.	7	5 9.61	+ 0.24	− 1.94	342 33 57.10	42.485	+ 4.64	− 18.2	3 5 7.90	− 3.65	+21 31 42.0	− 6.6
34	δ Arietis	7	6 10.23	+ 0.23	− **2.01**	340 23 56.65	42.700	+ 4.64	− 20.6	3 6 8.52	.....	+19 21 44.6	....
35	ζ Arietis	7	9 24.76	+ 0.24	− **1.95**	341 41 57.05	46.592	+ 4.64	− 19.1	3 9 23.06	.....	+20 41 15.2	....
	September 20, R.												
36	ν Aurigæ	7	44 50.94	+ 0.34	....	0 7 57.52	45.115	+ 4.79	+ 0.2	5 44	.....	+39 7 1.3	....
37	δ Aurigæ	7	51 37.81	+ 0.52	....	15 17 58.85	42.678	+ 4.82	+ 15.9	5 51	.....	+54 16 22.5	....
38	1 Geminorum	7	58 18.09	+ 0.23	[− **2.13**]	344 17 56.50	43.198	+ 4.85	− 16.2	5 58	.....	+23 16 0.2	....
39	22 H. Camelopardalis	7	8 15.50	+ 0.88	....	30 21 58.18	43.335	+ 4.90	+ 34.0	6 8	.....	+69 20 54.4	....
40	ζ Canis Majoris	7	16 39.16	− 0.12	....	291 1 52.72	46.220	+ 4.93	−2 29.0	6 16	.....	−30 1 7.1	....
41	13 Monocerotis	7	27 43.73	+ 0.13	....	328 25 54.12	44.620	+ 4.98	− 35.5	6 27	.....	+ 7 24 11.1	+ 4.7
42	γ Geminorum	7	32 10.85	+ 0.19	[− **2.11**]	337 29 54.40	45.740	+ 5.00	− 23.9	6 32	.....	+16 28 48.6	....
43	θ Geminorum	7	46 28.15	+ 0.30	....	355 5 55.48	43.975	+ 5.07	− 4.9	6 46	.....	+34 4 28.4	....
44	ε Canis Majoris	7	54 52.38	− 0.11	....	292 11 52.60	47.850	+ 5.11	−2 20.0	6 54	.....	−28 50 20.8	....
45	δ Canis Majoris	7	4 30.49	− 0.09	....	294 47 53.48	47.220	+ 5.15	−2 3.8	7 4	.....	−26 14 17.8	....
46	λ Geminorum	7	12 35.17	+ 0.19	[− **2.06**]	337 43 54.95	45.628	+ 5.19	− 23.5	7 12	.....	+16 42 47.2	....
47	β Canis Minoris	7	21 57.36	+ 0.14	[− **2.04**]	329 29 54.02	46.630	+ 5.23	− 33.8	7 21	.....	+ 8 28 58.9	....
	September 21, R.												
48	Sun I, S.	7	49 52.71	+ 0.10	− 2.15	321 43 53.15	47.285	+ 5.82	− 44.1	11 49 50.66	+64.04	+ 0 43 2.8	....
49	Sun II, N.	7	52 0.79	+ 0.10	− 2.15	322 15 52.18	47.183	+ 5.82	− 43.2	11 51 58.74	−64.04	+ 1 15 1.4	....
50	Mercury C, C.	7	0 29.62	+ 0.01	− 2.16	310 21 52.00	45.362	+ 5.82	−1 5.5	13 0 27.47	+ 0.15	−10 40 3.1	....
51	23 H. Camelopardalis s. p.	6	29 51.19	− 1.34	− 2.21	61 19 56.90	43.842	+ 5.52	+1 42.7	6 29 47.64	.....	+79 39 44.9	....
52	β Lyræ	7	46 34.06	+ 0.18	− 2.21	354 15 54.28	46.675	+ 5.52	− 5.6	18 46 32.03	.....	+33 15 28.6	....
53	51 H. Cephei s. p.	7	55 32.94	− 5.12	− 2.21	53 47 57.42	45.378	+ 5.52	+1 16.9	6 55 25.61	.....	+87 11 34.8	....
54	λ Ursæ Minoris	7	18 36.93	+14.49	− 2.21	49 59 57.12	45.155	+ 5.52	+1 7.1	19 18 49.21	.....	+89 0 8.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 1 52	.....	....	53.1
2 9	30.11	53.5	53.0
2 44	.....	....	52.4
3 11	30.11	52.8	52.2
20 5 45	[illegible]	52.6	51.4
6 8	.....	....	52.0
6 37	30.04	54.0	52.9
7 16	.....	....	55.0
7 30	30.06	56.7	55.8
21 11 52	30.05	67.8	68.5
13 0	30.03	69.7	69.9
18 32	30.01	[illegible]	66.2
19 1	.....	....	65.9
19 29	30.01	65.1	65.9

Micrometer bisections are made at II, VI, except as noted below.

3. Bisection at VI.
16, 34, 45. Bisections at VI, VII.
22, 28, 33, 39. Bisections at I, II.
48. Bisections at I, II, III.
49. Bisections at V, VI, VII.
50. Bisections at I, II, VI, VII.
51. Bisections at III, V.
53, 54. Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

40. Very faint and hazy.
42. Circle reading increased 30′.
45. Bisections poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	″	′ ″	″	′ ″
48	+ 5.4	+15 59.2	...	+16 4.6
49	+ 5.3	−15 59.3	...	−15 54.0
50	+ 9.0	.. ....	− 1.4	+ 7.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Aquilæ	7	41 43.85	+ 0.05	− **2.17**	331 23 53.32	46.628	+ 5.52	− 30.6	19 41 41.69	....	+10 23 1.7	....
2	α Aquilæ	7	46 8.10	+ 0.04	− **2.16**	329 37 53.92	47.025	+ 5.52	− 32.9	19 46 5.93	....	+ 8 37 9.0	....
3	63 Sagittarii	7	56 38.03	− 0.09	− 2.22	307 7 51.58	45.768	+ 5.52	−1 14.1	19 56 35.72	− 3.18	−13 54 3.2	−19.0
4	b^2 Cygni	7	5 54.26	+ 0.20	− 2.22	357 33 56.28	47.232	+ 5.52	− 2.3	20 5 52.24	− 2.79	+36 33 46.6	−31.2
5	α^2 Capricorni	7	12 45.96	− 0.08	− **2.22**	308 11 50.82	44.735	+ 5.52	−1 11.4	20 12 43.66	....	−12 50 24.8	....
6	π Capricorni	7	21 51.91	− 0.12	− **2.24**	302 31 53.95	42.525	+ 5.52	−1 28.0	20 21 49.57	....	−18 31 28.8	....
7	ε Delphini	7	28 39.99	+ 0.05	− **2.19**	331 59 52.82	46.140	+ 5.52	− 29.9	20 28 37.82	....	+10 58 50.7	....
8	29 Vulpeculæ	7	34 16.54	+ 0.11	− 2.22	341 53 54.05	43.730	+ 5.52	− 18.4	20 34 14.43	− 3.06	+20 52 8.3	−29.0
9	μ Aquarii	7	47 30.93	− 0.06	− **2.18**	311 41 52.42	44.098	+ 5.52	−1 3.1	20 47 28.65	....	− 9 20 29.5	....
	September 21, Ei.-Y.												
10	16 Pegasi	7	48 44.44	+ 0.13	− **2.15**	346 29 57.40	44.598	+ 5.40	− 13.5	21 48 42.40	....	+25 28 36.3	....
11	α Aquarii	7	0 53.82	− 0.02	− **2.17**	320 13 53.68	47.128	+ 5.35	+ 47.0	22 0 51.63	....	− 0 47 3.4	....
12	ι Pegasi	7	2 35.31	+ 0.12	− **2.10**	345 53 55.48	45.115	+ 5.34	− 14.2	22 2 33.26	....	+24 52 45.4	....
13	B. D.−12°6196	7	5 32.11	− 0.09	− 2.17	308 59 51.82	45.322	+ 5.33	−1 9.6	22 5 29.85	− 3.50	−12 2 8.8	−23.8
14	B. D.−13°6130	7	7 54.49	− 0.10	− 2.17	307 31 53.08	46.185	+ 5.32	−1 13.4	22 7 52.22	− 3.50	−13 29 51.6	−23.6
15	B. D.−15°6180	7	11 48.52	− 0.11	− 2.17	305 53 52.82	45.940	+ 5.30	−1 17.8	22 11 46.24	− 3.51	−15 8 1.9	−23.4
16	B. D.− 4°5655	7	14 52.56	− 0.04	− 2.17	316 27 53.90	48.228	+ 5.29	− 53.6	22 14 50.35	− 3.49	− 4 32 44.4	−25.1
17	B. D.− 7°5765	7	18 32.66	− 0.06	− 2.17	313 19 53.22	48.638	+ 5.27	− 59.8	22 18 30.43	− 3.50	− 7 40 41.9	−24.6
18	B. D.−17°6521	7	21 24.45	− 0.12	− 2.17	303 47 54.22	46.892	+ 5.26	−1 24.2	22 21 22.16	− 3.53	−17 13 45.2	−23.2
19	B. D.−13°6204	7	24 56.12	− 0.10	− 2.17	307 37 53.12	44.975	+ 5.24	−1 13.2	22 24 53.85	− 3.52	−13 24 19.1	−23.8
20	B. D.−10°5947	7	29 5.89	− 0.07	− 2.18	310 55 53.22	45.080	+ 5.22	−1 5.2	22 29 3.64	− 3.52	−10 6 8.7	−24.3
21	B. D.−14°6317	7	32 49.65	− 0.10	− 2.18	307 9 51.62	45.788	+ 5.21	−1 14.5	22 32 47.37	− 3.53	−13 52 3.4	−23.8
22	B. D.− 5°5843	7	37 9.01	− 0.05	− 2.18	315 25 53.68	44.882	+ 5.18	− 55.7	22 37 6.78	− 3.53	− 5 36 3.3	−24.9
23	B. D.−13°6262	7	40 24.40	− 0.10	− 2.18	307 31 53.10	44.348	+ 5.17	−1 13.6	22 40 22.12	− 3.53	−13 30 33.9	−23.9
24	B. D.− 6°6074	7	43 21.04	− 0.05	− 2.18	314 45 53.05	44.185	+ 5.16	− 57.0	22 43 18.81	− 3.53	− 6 16 21.1	−24.8
25	λ Aquarii	7	47 39.09	− 0.06	− **2.20**	312 55 54.12	46.975	+ 5.14	−1 0.8	22 47 36.85	....	− 8 5 20.1	....
26	B. D.+ 0°4939	7	50 7.50	− 0.01	− 2.18	321 33 53.42	47.960	+ 5.13	− 44.9	22 50 5.31	− 3.56	+ 0 33 17.5	−25.4
27	B. D.− 6°6110	7	53 12.96	− 0.05	− 2.18	314 49 53.80	45.392	+ 5.11	− 56.9	22 53 10.73	− 3.54	− 6 11 52.8	−24.7
28	B. D.−15°6325	7	56 23.41	− 0.11	− 2.18	306 13 51.62	48.428	+ 5.10	−1 17.1	22 56 21.12	− 3.54	−14 47 5.8	−23.8
29	B. D.− 2°5876	7	59 24.49	− 0.03	− 2.18	318 35 55.62	47.440	+ 5.09	− 49.9	22 59 22.28	− 3.56	− 2 24 57.2	−25.0
30	B. D.− 8°6025	7	2 14.90	− 0.06	− 2.18	312 47 53.88	48.798	+ 5.08	−1 1.1	23 2 12.66	− 3.54	− 8 12 39.1	−24.5
31	B. D.− 4°5833	7	4 42.31	− 0.04	− 2.18	316 31 53.15	47.945	+ 5.06	− 53.6	23 4 40.09	− 3.56	− 4 28 51.8	−24.8
32	B. D.− 0°4483	7	8 7.79	− 0.02	− 2.18	320 31 53.00	46.260	+ 5.05	− 46.6	23 8 5.59	− 3.58	− 0 29 23.5	−25.0
33	B. D.−13°6372	7	10 53.44	− 0.10	− 2.18	307 19 52.50	44.972	+ 5.04	−1 14.2	23 10 51.16	− 3.54	−13 42 21.0	−23.9
34	B. D.− 2°5925	7	13 33.74	− 0.03	− 2.18	318 35 54.15	47.015	+ 5.03	− 49.9	23 13 31.53	− 3.57	− 2 25 8.4	−24.7
35	B. D.+ 1°4714	7	16 19.77	− 0.01	− 2.18	322 41 55.18	45.535	+ 5.01	− 43.2	23 16 17.58	− 3.60	+ 1 40 25.5	−24.9
36	B. D.− 4°5879	7	18 29.31	− 0.04	− 2.18	317 15 53.65	49.060	+ 5.00	− 52.3	23 18 27.09	− 3.57	− 3 44 24.6	−24.6
37	B. D.+ 1°4724	7	21 52.11	0.00	− 2.18	322 57 54.42	47.340	+ 4.99	− 42.8	23 21 49.93	− 3.61	+ 1 57 6.3	−24.8
38	B. D.− 5°5999	7	24 37.00	− 0.04	− 2.18	315 57 54.45	46.910	+ 4.98	− 54.8	23 24 34.78	− 3.56	− 5 3 15.5	−24.4
39	B. D.−12°6510	7	27 16.68	− 0.09	− 2.18	308 57 53.80	44.640	+ 4.97	−1 10.1	23 27 14.41	− 3.53	−12 4 23.3	−23.9
40	B. D.−11°6110	7	30 32.34	− 0.08	− 2.18	309 55 53.40	48.002	+ 4.95	−1 7.7	23 30 30.08	− 3.54	−11 5 4.5	−24.0
41	B. D.− 9°6224	7	33 17.74	− 0.07	− 2.18	311 51 52.98	46.828	+ 4.94	−1 3.3	23 33 15.49	− 3.54	− 9 9 27.3	−24.0
42	B. D.− 7°6070	7	36 16.30	− 0.06	− 2.18	314 1 53.00	43.898	+ 4.92	− 58.7	23 36 14.06	− 3.55	− 7 0 29.7	−24.1
43	B. D.− 1°4485	7	40 7.57	− 0.02	− 2.18	319 49 53.52	45.912	+ 4.91	− 47.9	23 40 5.37	− 3.59	− 1 11 32.4	−24.1
44	B. D.+ 0°5054	7	44 35.32	− 0.01	− 2.18	321 33 54.05	46.282	+ 4.89	− 45.0	23 44 33.13	− 3.61	+ 0 32 39.5	−24.0
45	B. D + 2°4728	7	49 26.97	0.00	− 2.18	324 9 53.25	46.440	+ 4.87	− 41.0	23 49 24.79	− 3.63	+ 3 8 46.3	−23.8
46	27 Piscium	7	53 48.21	− 0.04	− 2.18	316 55 53.80	46.905	+ 4.85	− 53.0	23 53 45.99	....	− 4 5 14.6	....
47	B. D.− 5°6097	7	56 7.11	− 0.05	− 2.18	315 33 52.88	45.900	+ 4.84	− 55.6	23 56 4.88	− 3.56	− 5 27 41.0	−23.6
48	B. D.+ 0°5084	7	59 54.02	− 0.01	− 2.18	322 1 54.32	45.158	+ 4.82	− 44.3	23 59 51.83	− 3.61	+ 1 0 14.7	−23.4
49	B. D.− 3°2	7	2 51.72	− 0.03	− 2.18	317 55 54.92	47.645	+ 4.81	− 51.2	0 2 49.51	− 3.57	− 3 4 54.8	−23.4
50	B. D.− 4°7	7	6 17.36	− 0.04	− 2.18	317 9 52.08	46.912	+ 4.79	− 52.6	0 6 15.14	− 3.56	− 3 51 15.8	−23.3
51	γ Pegasi	7	8 20.31	+ 0.07	− **2.16**	335 39 54.98	46.415	+ 4.78	− 25.7	0 8 18.20	....	+14 39 2.6	....
52	ι Ceti	7	14 34.89	− 0.07	− **2.13**	311 39 52.48	47.230	+ 4.76	−1 3.8	0 14 32.64	....	− 9 21 19.3	....
53	B. D.+ 1°124	7	38 24.24	+ 0.01	− 2.19	322 33 55.48	43.635	+ 4.69	− 43.5	0 38 22.06	− 3.60	+ 1 31 41.7	−21.7
54	B. D.+ 1°142	7	43 19.99	+ 0.01	− 2.19	323 13 55.05	45.388	+ 4.68	− 42.5	0 43 17.81	− 3.60	+ 2 12 22.4	−21.4
55	B. D.+ 2°118	7	46 24.41	+ 0.02	− 2.19	323 53 53.92	44.135	+ 4.67	− 41.5	0 46 22.24	− 3.61	+ 2 51 53.6	−21.2
56	B. D.+ 7°167	7	1 40.59	+ 0.05	− 2.19	328 51 54.28	46.332	+ 4.64	− 34.3	1 1 38.45	− 3.67	+ 7 50 51.3	−19.8
57	ζ^1 Piscium	7	8 45.55	+ 0.04	− **2.16**	328 5 53.95	44.370	+ 4.63	− 35.4	1 8 43.40	....	+ 7 4 5.0	....
58	υ Piscium	7	14 14.11	+ 0.17	− **2.19**	347 45 56.32	47.085	+ 4.61	− 12.3	1 14 12.09	....	+26 45 32.4	....
59	B. D.+11°172	7	16 56.11	+ 0.08	− 2.19	333 7 54.35	44.050	+ 4.61	− 28.8	1 16 54.00	− 3.73	+12 6 4.7	−18.3

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
21 20 16	30.01	64.4	65.1	11. Bisections at I, II.					
20 55	30.01	63.8	64.8	25. Bisections at II, VII.					
21 47	......	....	63.0						
21 53	30.01	62.7	....						
22 13	......	....	63.0						
22 34	30.00	62.0	62.1						
23 6	......	....	61.2						
23 29	29.995	61.0	60.3						
23 58	......	....	59.8						
0 29	29.99	60.0	59.3	Note.					
0 47	......	....	59.0	10–59. Conditions generally poor.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 8°218	7	18 7.16	+ 0.05	− 2.19	329 41 55.75	47.180	+ 4.61	− 33.2	1 18 5.02	− 3.66	+ 8 41 13.2	−18.6
2	B. D.+16°154	7	23 16.98	+ 0.10	− 2.19	337 35 53.48	46.128	+ 4.60	− 23.4	1 23 14.89	− 3.82	+16 34 56.7	−17.0
3	η Piscium	7	26 23.36	+ 0.09	− **2.18**	335 51 54.50	46.455	+ 4.59	− 25.5	1 26 21.26	....	+14 51 3.0	....
4	B. D.+17°224	7	29 39.95	+ 0.11	− 2.19	338 59 54.22	44.062	+ 4.58	− 21.8	1 29 37.87	− 3.85	+17 58 11.7	−16.2
5	B. D.+ 5°218	7	31 43.06	+ 0.04	− 2.19	327 13 53.28	48.752	+ 4.58	− 36.6	1 31 40.91	− 3.59	+ 6 13 43.2	−18.0
6	B. D.+15°245	7	34 32.59	+ 0.10	− 2.19	336 55 55.25	46.535	+ 4.57	− 24.2	1 34 30.50	− 3.79	+15 55 6.9	−16.2
7	B. D.+10°225	7	37 47.02	+ 0.07	− 2.19	331 37 54.72	44.250	+ 4.57	− 30.7	1 37 44.90	− 3.67	+10 36 7.7	−16.8
8	B. D.+10°241	7	42 6.01	+ 0.06	− 2.19	331 23 53.10	43.628	+ 4.56	− 31.0	1 42 3.88	− 3.65	+10 21 51.5	−16.5
9	54 Ceti	7	45 48.88	+ 0.07	− 2.19	331 35 54.42	44.152	+ 4.55	− 30.8	1 45 46.76	− 3.65	+10 34 5.0	−16.2
10	ξ Piscium	7	48 37.67	+ 0.02	− **2.21**	323 43 54.40	46.590	+ 4.54	− 41.7	1 48 35.50	....	+ 2 42 50.1	....
11	B. D.+15°286	7	53 28.57	+ 0.10	− 2.19	336 29 54.58	42.922	+ 4.53	− 24.7	1 53 26.48	− 3.74	+15 27 43.1	−14.7
12	B. D.+14°326	7	56 40.99	+ 0.09	− 2.19	335 37 54.22	44.167	+ 4.53	− 25.8	1 56 38.89	− 3.72	+14 36 10.2	−14.6
13	B. D.+12°280	7	0 34.51	+ 0.08	− 2.19	333 37 54.88	48.605	+ 4.52	− 28.2	2 0 32.40	− 3.66	+12 37 49.8	−14.7
14	B. D.+15°305	5	2 52.54	+ 0.10	− 2.19	336 21 55.10	45.945	+ 4.51	− 24.9	2 2 50.45	− 3.72	+15 20 52.8	−13.9
15	15 Arietis	7	5 20.76	+ 0.12	− 2.19	340 3 55.78	45.548	+ 4.51	− 20.6	2 5 18.69	− 3.81	+19 2 48.4	−12.9
16	ξ¹ Ceti	7	7 57.16	+ 0.05	− **2.20**	329 25 54.32	43.470	+ 4.50	− 33.6	2 7 55.02	....	+ 8 23 46.5	....
17	B. D.+16°266	7	11 49.59	+ 0.11	− 2.19	337 53 54.25	44.185	+ 4.50	− 23.1	2 11 47.51	− 3.74	+16 52 13.2	−12.8
18	B. D.+13°371	7	15 2.81	+ 0.09	− 2.19	334 53 54.35	42.148	+ 4.49	− 26.7	2 15 0.71	− 3.65	+13 51 23.2	−13.2
19	B. D.+10°318	7	18 7.71	+ 0.06	− 2.19	331 25 54.10	43.760	+ 4.48	− 31.0	2 18 5.58	− 3.57	+10 23 55.5	−13.7
20	B. D.+18°305	7	20 55.66	+ 0.12	− 2.19	339 29 55.10	44.308	+ 4.48	− 21.3	2 20 53.59	− 3.75	+18 28 18.7	−11.7
21	B. D.+13°395	7	23 22.44	+ 0.08	− 2.19	334 27 55.05	45.945	+ 4.47	− 27.2	2 23 20.33	− 3.62	+13 26 50.1	−12.6
22	B. D.+21°349	7	26 58.54	+ 0.14	− 2.19	342 55 55.40	44.582	+ 4.46	− 17.5	2 26 56.49	− 3.83	+21 54 29.0	−10.3
23	B. D.+15°354	7	30 24.69	+ 0.10	− 2.19	337 11 54.70	47.525	+ 4.46	− 23.9	2 30 22.60	− 3.67	+16 11 28.9	−11.4
24	B. D.+ 7°402	5	31 32.30	+ 0.04	− 2.19	328 19 52.72	46.008	+ 4.45	− 35.1	2 31 30.15	− 3.46	+ 7 18 41.3	−13.3
25	B. D.+12°370	6	35 15.20	+ 0.08	− 2.19	334 7 55.40	45.970	+ 4.45	− 27.6	2 35 13.09	− 3.58	+13 6 50.6	−11.7
26	B. D.+14°457	7	39 17.92	+ 0.09	− 2.19	335 55 53.82	44.470	+ 4.44	− 25.5	2 39 15.82	− 3.61	+14 54 16.9	−10.9
27	B. D.+20°462	7	42 2.57	+ 0.13	− 2.19	341 57 56.20	44.672	+ 4.43	− 18.5	2 42 0.51	− 3.76	+20 56 30.8	− 9.1
28	B. D.+13°456	7	44 59.31	+ 0.08	− 2.19	334 19 54.10	45.675	+ 4.43	− 27.4	2 44 57.20	− 3.55	+13 18 42.8	−10.8
29	B. D.+19°432	7	48 52.51	+ 0.12	− 2.20	341 11 55.08	44.420	+ 4.42	− 19.4	2 48 50.43	− 3.72	+20 10 23.3	− 8.7
30	B. D.+17°457	7	50 27.07	+ 0.11	− 2.20	338 57 56.08	44.745	+ 4.41	− 21.9	2 50 24.98	− 3.65	+17 56 29.0	− 9.1
31	B. D.+19°440	7	53 45.17	+ 0.12	− 2.20	340 37 55.45	44.235	+ 4.41	− 20.0	2 53 43.09	− 3.68	+19 36 18.6	− 8.4
32	B. D.+18°391	7	55 46.77	+ 0.12	− 2.20	340 1 54.85	46.870	+ 4.40	− 20.7	2 55 44.69	− 3.66	+19 1 17.5	− 8.4
33	B. D.+11°434	7	1 5.54	+ 0.07	− 2.20	332 19 53.60	42.730	+ 4.39	− 29.9	3 1 3.41	− 3.44	+11 17 32.7	−10.0
34	B. D.+21°416	7	5 9.99	+ 0.13	− 2.20	342 33 55.50	42.548	+ 4.38	− 17.9	3 5 7.92	− 3.69	+21 31 41.8	− 6.8
35	δ Arietis	7	6 10.48	+ 0.12	− **2.10**	340 23 56.60	42.715	+ 4.38	− 20.3	3 6 8.40	....	+19 21 44.4	....
36	ζ Arietis	7	9 25.19	+ 0.13	− **2.22**	341 41 55.88	46.655	+ 4.38	− 18.8	3 9 23.12	....	+20 41 15.5	....
	September 21, L.												
37	α Tauri	7	30 26.74	+ 0.13	− **2.47**	337 19 55.12	45.950	+ 4.52	− 23.8	4 30 24.46	....	+16 18 53.8	....
38	τ Tauri	7	36 30.88	+ 0.17	− **2.43**	343 47 55.52	43.935	+ 4.54	− 16.6	4 36 28.64	....	+22 46 15.3	....
39	μ Eridani	7	40 44.28	+ 0.01	− **2.49**	317 35 54.50	45.358	+ 4.55	− 52.1	4 40 41.88	....	− 3 25 48.6	....
40	9 Camelopardalis	7	44 31.77	+ 0.74	− 2.41	27 11 58.92	42.295	+ 4.57	+ 29.5	4 44 30.10	....	+66 10 27.2	....
41	π⁵ Orionis	7	49 17.05	+ 0.04	− **2.43**	323 17 55.25	47.080	+ 4.59	− 42.5	4 49 14.68	....	+ 2 17 1.1	....
42	10 Camelopardalis	7	54 54.14	+ 0.59	− 2.41	21 17 57.48	46.238	+ 4.61	+ 22.4	4 54 52.32	....	+60 17 48.7	....
43	11 Orionis	7	59 6.77	+ 0.12	− **2.38**	336 17 55.95	44.018	+ 4.62	− 25.0	4 59 4.48	....	+15 16 9.3	....
44	19 H. Camelopardalis	7	6 44.17	+ 1.61	− 2.41	40 7 59.05	42.630	+ 4.65	+ 48.3	5 6 43.37	....	+79 6 53.9	....
45	τ Orionis	7	12 58.74	− 0.02	− **2.48**	314 3 54.00	48.180	+ 4.67	− 58.9	5 12 56.31	....	− 6 56 51.3	....
46	γ Orionis	7	20 0.82	+ 0.07	− **2.53**	327 17 55.60	43.438	+ 4.70	− 36.6	5 19 58.48	....	+ 6 15 44.5	....
47	β Leporis	7	24 10.04	− 0.12	− 2.41	300 11 52.25	46.763	+ 4.71	−1 37.7	5 24 7.51	− 2.10	−20 50 4.0	− 8.1
48	α Leporis	7	28 31.85	− 0.09	− **2.48**	303 7 53.95	48.074	+ 4.73	−1 27.2	5 28 29.35	....	−17 53 21.9	....
49	ζ Tauri	7	31 55.99	+ 0.16	− **2.39**	342 5 56.75	45.770	+ 4.74	− 18.4	5 31 53.74	....	+21 4 57.1	....
50	o Aurigæ	7	38 28.99	+ 0.41	− 2.41	10 47 57.88	44.082	+ 4.76	+ 11.0	5 38 26.99	....	+49 46 48.7	....
51	ν Aurigæ	7	44 51.49	+ 0.29	− 2.41	0 7 57.55	45.110	+ 4.79	+ 0.2	5 44 49.37	....	+39 7 1.2	....
52	δ Aurigæ	7	51 38.25	+ 0.47	− 2.41	15 17 58.28	42.682	+ 4.81	+ 15.7	5 51 36.31	....	+54 16 21.8	....
53	1 Geminorium	7	58 18.41	+ 0.17	[− **2.36**]	344 17 56.12	43.228	+ 4.83	− 16.0	5 58 16.17	....	+23 16 0.6	....
54	δ Ursæ Minoris s. P.	5	3 27.16	− 4.93	− 2.42	54 21 59.68	46.030	+ 4.85	+1 20.0	18 3 19.81	....	+86 37 15.6	....
55	2 Lyncis	7	11 9.75	+ 0.56	− 2.42	20 3 57.48	42.698	+ 4.88	+ 21.0	6 11 7.89	− 3.81	+59 2 26.9	+21.2
56	μ Geminorum	7	17 10.39	+ 0.17	[− **2.36**]	343 33 55.25	47.678	+ 4.90	− 16.8	6 17 8.14	....	+22 33 40.7	....
57	13 Monocerotis	7	27 44.16	+ 0.07	− 2.42	328 25 53.52	44.648	+ 4.94	− 35.1	6 27 41.81	− 2.28	+ 7 24 11.6	+ 4.7
58	γ Geminorum	7	32 11.21	+ 0.13	[− **2.38**]	337 29 53.65	45.792	+ 4.96	− 23.6	6 32 8.92	....	+16 28 49.3	....
59	ε Geminorum	7	38 2.69	+ 0.18	[− **2.45**]	346 13 55.85	47.005	+ 4.98	− 13.9	6 38 0.45	....	+25 13 28.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 1 20	29.975	59.5	59.0
1 50	......	....	58.9
2 9	29.975	59.3	58.7
2 44	......	....	57.6
3 11	29.975	58.5	57.7
4 30	29.98	58.2	57.0
5 7	......	....	57.3
5 38	29.98	57.6	56.9
6 11	......	....	57.0
6 28	......	....	57.3

Micrometer bisections are made at II, VI, except as noted below.

10, 29, 33, 46, 49, 55.	Bisections at VI, VII.
12, 47, 57.	Bisections at II, VI, VII.
14.	Bisection at VII.
23, 34, 35.	Bisections at I, II.
26, 30.	Bisections at II, VII.
40,	Bisections at III, VI.
44.	Bisections at III, V.
48, 56, 58.	Bisections at I, II, VI, VII.
54.	Bisections b_3, b_5, b_7.

Notes.

1–36. Conditions generally poor.

37–59. Conditions very bad; images diffuse and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	θ Geminorum	7	46 28.60	+ 0.25	− 2.42	355 5 55.95	43.988	+ 5.01	− 4.8	6 46 26.43	....	+34 4 29.2	....
	September 22, L.												
2	δ Ursæ Minoris	7	3 19.00	+ 4.33	− 2.49	47 35 56.62	48.450	+ 6.51	+1 0.7	18 3 20.84	....	+86 37 18.8	....
3	c Serpentis	7	24 43.17	− 0.05	− 2.50	318 59 50.22	43.245	+ 6.51	− 48.0	18 24 40.62	− 2.55	− 2 2 35.1	−17.7
4	23 H. Camelopardalis s. p.	7	29 51.69	− 1.42	− 2.50	61 19 52.75	44.047	+ 6.51	+1 41.2	6 29 47.77	....	+79 39 44.5	....
5	4 H. Scuti	7	37 3.04	− 0.08	− **2.40**	311 53 47.32	44.280	+ 6.51	−1 1.6	18 37 0.46	....	− 9 8 27.9	....
6	ε^2 Lyræ (*mean*)	7	41 14.20	+ 0.19	− 2.50	0 31 53.82	45.552	+ 6.51	+ 0.6	18 41 11.89	− 1.94	+39 31 9.7	−29.2
7	β Lyræ	7	46 34.39	+ 0.15	− 2.50	354 15 52.08	46.758	+ 6.51	− 5.5	18 46 32.04	....	+33 15 29.4	....
8	ξ Sagittarii	7	52 2.32	− 0.16	− 2.50	299 47 55.82	47.117	+ 6.51	−1 36.3	18 51 59.66	− 3.02	−21 13 49.2	−12.8
9	ζ Sagittarii	7	56 32.49	− 0.22	− 2.50	291 1 55.55	46.126	+ 6.51	−2 22.8	18 56 29.77	....	−30 0 58.6	....
10	ζ Aquilæ	7	1 2.11	+ 0.04	− **2.50**	334 43 49.45	47.980	+ 6.51	− 26.1	19 0 59.65	....	+13 43 34.2	....
11	21 Aquilæ	7	8 54.52	− 0.02	− 2.50	323 9 54.78	44.535	+ 6.51	− 41.5	19 8 52.00	− 2.72	+ 2 8 5.4	−21.6
12	ω Aquilæ	7	13 20.91	+ 0.02	− **2.47**	332 25 50.48	48.260	+ 6.51	− 28.9	19 13 18.43	....	+11 25 38.5	....
13	τ Draconis	7	17 28.29	+ 0.84	− 2.50	34 9 53.95	49.010	+ 6.51	+ 37.9	19 17 26.63	....	+73 11 6.1	....
14	6 Vulpeculæ	7	24 45.06	+ 0.09	− 2.50	345 29 51.78	44.795	+ 6.51	− 14.3	19 24 42.65	....	+24 28 35.5	....
15	κ Aquilæ	7	31 45.98	− 0.07	− **2.50**	313 47 50.98	44.520	+ 6.51	− 57.9	19 31 43.41	....	− 7 14 15.1	....
16	β Sagittæ	7	36 46.73	+ 0.06	− **2.53**	338 15 54.20	47.540	+ 6.51	− 22.1	19 36 44.29	....	+17 15 32.8	....
17	γ Aquilæ	7	41 44.27	+ 0.02	− **2.58**	331 23 51.60	46.688	+ 6.51	− 30.3	19 41 41.79	....	+10 23 2.6	....
18	α Aquilæ	7	46 8.44	+ 0.01	− **2.49**	329 37 51.28	47.120	+ 6.51	− 32.5	19 46 5.95	....	+ 8 37 10.0	....
19	φ Aquilæ	7	51 43.99	+ 0.02	− 2.50	332 11 48.62	45.098	+ 6.51	− 29.3	19 51 41.51	− 2.85	+11 10 24.3	−26.0
20	63 Sagittarii	7	56 38.48	− 0.11	− 2.50	307 7 49.28	45.840	+ 6.51	−1 13.3	19 56 35.87	− 3.16	−13 54 2.0	−19.0
21	3 H. Ursæ Majoris s. p.	7	3 15.24	− 0.68	− 2.50	72 11 56.50	47.646	+ 6.51	+2 52.5	8 3 12.06	....	+68 45 7.5	....
22	66 Aquilæ	7	8 18.99	− 0.04	− 2.50	319 43 48.50	45.825	+ 6.51	− 47.1	20 8 16.45	− 3.06	− 1 17 37.0	−23.2
23	α^2 Capricorni	7	12 46.30	− 0.10	− **2.55**	308 11 48.95	44.782	+ 6.51	−1 10.6	20 12 43.70	....	−12 50 23.8	....
24	176 B. Cygni	7	16 49.53	+ 0.19	− 2.50	0 5 52.92	48.770	+ 6.51	+ 0.2	20 16 47.22	− 2.87	+39 6 21.9	−31.7
25	π Capricorni	7	21 52.22	− 0.14	− **2.55**	302 31 48.78	42.678	+ 6.51	−1 27.0	20 21 49.58	....	−18 31 28.4	....
26	ε Delphini	7	28 40.31	+ 0.02	− **2.50**	331 59 49.30	46.278	+ 6.51	− 29.6	20 28 37.82	....	+10 58 51.6	....
27	29 Vulpeculæ	7	34 16.86	+ 0.08	− 2.51	341 53 54.02	43.678	+ 6.51	− 18.2	20 34 14.43	− 3.05	+20 52 8.3	−29.0
28	δ Delphini	7	39 1.41	+ 0.04	− 2.51	335 45 49.55	43.985	+ 6.51	− 25.0	20 38 58.94	− 3.09	+14 44 4.1	−27.9
	September 22, Ei.-Y.												
29	β Aquarii	7	26 33.01	− 0.07	− **2.33**	315 1 51.10	46.485	+ 5.99	− 55.6	21 26 30.64	....	− 5 59 28.3	....
30	ξ Aquarii	7	32 41.21	− 0.08	− **2.36**	312 43 52.75	47.938	+ 5.99	−1 0.2	21 32 38.82	....	− 8 16 58.0	....
31	γ Capricorni	7	34 49.04	− 0.13	− **2.31**	303 55 53.82	47.058	+ 5.99	−1 22.6	21 34 46.60	....	−17 5 39.5	....
32	κ Capricorni	7	37 20.55	− 0.15	− 2.31	301 43 52.28	46.112	+ 5.99	−1 29.9	21 37 18.09	− 3.49	−19 18 9.9	−21.7
33	B. D. −10°5755	7	39 46.58	− 0.09	− 2.31	310 21 51.08	47.795	+ 5.99	−1 5.5	21 39 44.18	− 3.43	−10 39 8.3	−23.6
34	B. D. − 6°5827	7	42 37.70	− 0.07	− 2.31	314 39 52.92	46.158	+ 5.99	− 56.4	21 42 35.32	− 3.42	− 6 21 34.8	−24.5
35	B. D. − 8°5753	7	46 0.51	− 0.08	− 2.31	312 39 52.52	47.115	+ 5.99	−1 0.4	21 45 58.12	− 3.44	− 8 21 17.2	−24.1
36	B. D. − 4°5568	7	49 12.27	− 0.06	− 2.31	316 17 53.60	46.300	+ 5.99	− 53.2	21 49 9.90	− 3.43	− 4 43 27.6	−24.9
37	B. D. − 9°5876	7	52 36.64	− 0.08	− 2.31	311 59 52.10	47.450	+ 5.99	−1 1.9	21 52 34.25	− 3.45	− 9 1 11.5	−24.1
38	B. D. −10°5812	7	56 46.50	− 0.09	− 2.31	310 41 51.60	45.130	+ 5.99	−1 4.8	21 56 44.10	− 3.46	−10 20 8.0	−23.9
39	B. D. − 5°5697	7	59 37.08	− 0.06	− 2.31	315 43 54.10	44.395	+ 5.99	− 54.4	21 59 34.71	− 3.46	− 5 18 11.9	−24.9
40	B. D. −17°6451	7	3 15.16	− 0.13	− 2.31	304 1 52.95	44.402	+ 5.99	−1 22.5	22 3 12.72	− 3.51	−17 0 41.2	−22.8
41	B. D. −11°5770	7	5 27.32	− 0.10	− 2.31	309 43 52.30	46.885	+ 5.99	−1 7.1	22 5 24.91	− 3.48	−11 17 29.4	−23.9
42	B. D. − 5°5732	7	7 46.64	− 0.06	− 2.31	315 49 53.52	46.155	+ 5.99	− 54.2	22 7 44.27	− 3.47	− 5 11 32.0	−24.9
43	B. D. −13°6148	7	11 42.48	− 0.11	− 2.31	307 43 52.75	44.355	+ 5.99	−1 12.1	22 11 40.06	− 3.50	−13 18 31.8	−23.6
44	B. D. −17°6491	7	14 24.80	− 0.13	− 2.31	303 51 52.92	43.755	+ 5.99	−1 23.0	22 14 22.36	− 3.52	−17 10 56.2	−23.0
45	B. D. −15°6208	7	18 13.79	− 0.12	− 2.31	305 35 52.32	46.480	+ 5.99	−1 17.8	22 18 11.36	− 3.52	−15 25 49.4	−23.4
46	B. D. −17°6520	7	21 24.19	− 0.13	− 2.31	303 47 53.42	47.075	+ 5.99	−1 23.2	22 21 21.75	− 3.53	−17 13 40.1	−23.1
47	B. D. − 4°5683	7	24 27.49	− 0.06	− 2.31	316 19 53.05	48.482	+ 5.99	− 53.3	22 24 25.12	− 3.50	− 4 40 38.4	−25.0
48	B. D. −11°5855	7	26 38.77	− 0.10	− 2.31	309 37 53.40	46.122	+ 5.99	−1 7.4	22 26 36.36	− 3.51	−11 23 46.1	−24.1
49	B. D. −15°6265	7	39 17.55	− 0.12	− 2.31	305 51 52.22	44.130	+ 5.99	−1 17.3	22 39 15.12	− 3.53	−15 10 42.7	−23.6
50	B. D. − 4°5757 (*mean*)	7	42 55.95	− 0.06	− 2.31	316 17 53.60	46.148	+ 5.99	− 53.5	22 42 53.58	− 3.53	− 4 43 31.4	−25.0
51	B. D. −10°6002	7	46 13.31	− 0.09	− 2.31	311 11 52.62	45.560	+ 5.99	−1 3.9	22 46 10.91	− 3.53	− 9 49 56.2	−24.4
52	B. D. − 7°5886	7	49 37.01	− 0.08	− 2.31	313 17 54.32	48.255	+ 5.99	− 59.3	22 49 34.62	− 3.54	− 7 42 48.4	−24.6
53	B. D. −11°5961	7	53 7.55	− 0.10	− 2.31	309 23 52.38	43.875	+ 5.99	−1 8.1	22 53 5.14	− 3.53	−11 38 39.2	−24.1
54	B. D. −10°6038	7	56 9.93	− 0.09	− 2.31	310 57 52.72	45.545	+ 5.99	−1 4.5	22 56 7.53	− 3.54	−10 3 57.0	−24.3
55	B. D. − 5°5917	7	59 0.17	− 0.06	− 2.31	315 41 54.12	48.365	+ 5.99	− 54.6	22 58 57.80	− 3.55	− 5 18 41.3	−24.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 6 46	30.00	58.1	58.1
22 18 3	29.99	74.8	74.3
18 47	......	....	72.9
19 1	30.00	72.4	72.2
19 32	30.00	71.4	71.1
20 3	......	....	70.3
20 39	29.99	70.5	70.1
21 26	29.985	69.2	69.4
21 54	......	....	68.6
22 15	29.98	68.0	68.2
22 44	......	....	66.7

Micrometer bisections are made at II, VI, except as noted below.

2. Bisections at b_3, b_5, b_7.
4. Bisections at II, IV, VI.
8. Bisections at II, VI, VII.
9, 20, 25. Bisections at I, II, VI, VII.
12, 40. Bisections at I, II.
13. Bisections at III, V.
21. Bisections at II, III, V, VI.
35. Bisections at II, VII.

Notes.

1. Very diffuse and unsteady.
6. Assumed that mean was observed.
9, 21. Unsteady.
29–55. Images unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−13°6344	7	1 59.65	− 0.11	− 2.31	307 47 53.30	43.870	+ 5.99	−1 12.2	23 1 57.23	− 3.53	−13 14 42.5	−23.9
2	B. D.+ 1°4687	7	4 31.19	− 0.03	− 2.31	322 37 54.62	48.425	+ 5.99	− 42.8	23 4 28.85	− 3.59	+ 1 37 32.3	−25.2
3	B. D.−10°6082	7	8 1.27	− 0.09	− 2.31	310 55 52.20	46.872	+ 5.99	−1 4.6	23 7 58.87	− 3.54	−10 5 27.3	−24.2
4	B. D.+ 0°4982	7	10 47.27	− 0.03	− 2.31	321 47 53.80	47.782	+ 5.99	− 44.1	23 10 44.93	− 3.59	+ 0 47 15.5	−25.0
5	B. D.− 0°4498	7	13 28.17	− 0.04	− 2.31	321 1 53.75	44.790	+ 5.99	− 45.3	23 13 25.82	− 3.58	+ 0 0 5.9	−24.9
6	B. D.− 9°6173	7	16 15.80	− 0.09	− 2.31	311 49 51.10	45.555	+ 5.99	−1 2.6	23 16 13.40	− 3.54	− 9 11 56.5	−24.2
7	B. D.−10°6105	7	18 21.39	− 0.09	− 2.31	311 5 51.38	49.095	+ 5.99	−1 4.2	23 18 18.99	− 3.54	− 9 54 37.0	−24.1
8	B. D.− 6°6213	7	21 44.74	− 0.07	− 2.31	315 15 52.65	46.225	+ 5.99	− 55.6	23 21 42.36	− 3.56	− 5 45 32.7	−24.4
9	B. D.− 2°5973	7	24 34.26	− 0.05	− 2.31	318 41 54.75	47.095	+ 5.99	− 49.3	23 24 31.90	− 3.58	− 2 19 4.4	−24.5
10	B. D.− 1°4450	7	27 4.90	− 0.05	− 2.31	319 23 53.82	47.625	+ 5.99	− 48.1	23 27 2.54	− 3.59	− 1 36 52.0	−24.5
11	B. D.+ 4°5029	7	29 33.76	− 0.01	− 2.31	325 57 53.58	45.508	+ 5.99	− 37.9	23 29 31.44	− 3.64	+ 4 56 29.5	−24.6
12	B. D.− 4°5917	7	33 17.41	− 0.06	− 2.31	316 43 53.28	46.570	+ 5.99	− 52.8	23 33 15.04	− 3.57	− 4 17 21.4	−24.2
13	B. D.+ 2°4701	7	35 59.51	− 0.02	− 2.32	324 5 55.18	49.028	+ 5.99	− 40.6	23 35 57.17	− 3.63	+ 3 5 48.9	−24.4
14	i^1 Aquarii	7	39 16.26	− 0.15	− **2.29**	302 13 51.32	45.175	+ 5.99	−1 28.8	23 39 13.79	....	−18 48 31.2	....
15	φ Pegasi	7	47 39.30	+ 0.06	− **2.38**	339 35 55.05	46.850	+ 5.99	− 20.8	23 47 37.04	....	+18 35 18.7	....
16	β Ceti	7	38 49.11	− 0.12	− **2.28**	302 31 53.70	44.390	+ 5.99	−1 27.8	0 38 46.67	....	−18 30 45.7	....
17	ζ Andromedæ	7	42 17.91	+ 0.11	− **2.26**	344 45 55.88	45.002	+ 5.99	− 15.3	0 42 15.70	....	+23 44 42.8	....
18	B. D.+11°106	7	46 36.13	+ 0.06	− 2.32	333 17 54.52	43.238	+ 5.99	− 28.2	0 46 33.87	− 3.77	+12 15 48.3	−20.3
19	B. D.+ 5°120	7	49 3.08	+ 0.02	− 2.32	326 17 55.12	47.580	+ 5.99	− 37.4	0 49 0.78	− 3.65	+ 5 17 18.9	−20.9
20	B. D.+ 0°149	7	52 46.56	0.00	− 2.32	322 17 55.22	44.420	+ 5.99	− 43.4	0 52 44.24	− 3.59	+ 1 16 0.8	−21.0
21	B. D.+ 1°185	7	55 12.26	0.00	− 2.32	323 7 55.90	46.825	+ 5.99	− 42.1	0 55 9.94	− 3.60	+ 2 6 57.8	−20.8
22	ε Piscium	7	58 0.47	+ 0.03	− **2.33**	328 23 53.30	45.198	+ 5.99	− 34.5	0 57 58.18	....	+ 7 22 25.6	....
23	B. D.+ 4°175	7	0 54.05	+ 0.01	− 2.32	325 25 53.58	43.905	+ 5.99	− 38.7	1 0 51.74	− 3.62	+ 4 23 52.1	−20.2
24	B. D.+10°128	7	2 4.29	+ 0.05	− 2.32	332 3 54.65	44.675	+ 5.99	− 29.8	1 2 2.02	− 3.74	+11 2 19.6	−19.4
25	B. D.+15°123	7	6 0.88	+ 0.08	− 2.32	337 17 55.12	43.570	+ 5.99	− 23.5	1 5 58.64	− 3.84	+16 16 1.2	−18.5
26	B. D.+15°175	7	7 46.46	+ 0.08	− 2.32	337 15 54.88	46.935	+ 5.99	− 23.5	1 7 44.22	− 3.84	+16 15 17.8	−18.4
27	B. D.+ 1°238	7	11 41.59	0.00	− 2.32	323 13 54.05	48.965	+ 5.99	− 41.9	1 11 39.27	− 3.57	+ 2 13 45.0	−19.8
28	B. D.+10°168	7	16 18.01	+ 0.05	− 2.32	332 3 53.15	43.900	+ 5.99	− 29.8	1 16 15.74	− 3.72	+11 2 0.4	−18.4
29	B. D.+ 6°211	7	17 58.40	+ 0.03	− 2.32	327 55 53.68	45.895	+ 5.99	− 35.2	1 17 56.11	− 3.64	+ 6 54 41.2	−18.8
30	B. D.+ 4°251	7	22 43.53	+ 0.02	− 2.32	325 51 53.75	48.160	+ 5.99	− 38.1	1 22 41.23	− 3.60	+ 4 51 30.1	−18.8
31	B. D.+ 1°269	7	26 0.48	0.00	− 2.32	322 45 53.62	43.355	+ 5.99	− 42.7	1 25 58.16	− 3.54	+ 1 43 35.6	−19.0
32	B. D.+ 8°245	7	28 55.57	+ 0.03	− 2.32	329 31 53.72	44.190	+ 5.99	− 33.1	1 28 53.28	− 3.65	+ 8 30 4.4	−17.9
33	B. D.+ 3°218	7	31 20.89	+ 0.01	− 2.32	324 49 54.22	48.022	+ 5.99	− 39.5	1 31 18.58	− 3.56	+ 3 49 26.0	−18.4
34	B. D.+13°255	7	34 9.51	+ 0.06	− 2.32	334 49 54.58	43.405	+ 5.99	− 26.4	1 34 7.25	− 3.76	+13 47 53.9	−16.6
35	B. D.+ 9°206	7	37 34.16	+ 0.04	− 2.32	330 47 55.02	42.910	+ 5.99	− 31.4	1 37 31.88	− 3.66	+ 9 45 38.1	−17.1
36	B. D.+16°196	7	41 25.42	+ 0.08	− 2.33	337 57 55.68	43.220	+ 5.99	− 22.7	1 41 23.17	− 3.82	+16 55 54.5	−15.5
37	B. D.+13°286	7	44 58.66	+ 0.06	− 2.33	334 53 53.15	44.605	+ 5.99	− 26.3	1 44 56.39	− 3.74	+13 52 20.0	−15.8
38	B. D.+ 6°296	7	48 38.16	+ 0.03	− 2.33	328 9 52.70	48.488	+ 5.99	− 34.8	1 48 35.86	− 3.59	+ 7 9 39.8	−16.7
39	B. D.+17°289	7	52 9.14	+ 0.08	− 2.33	338 21 54.45	45.875	+ 5.99	− 22.3	1 52 6.89	− 3.81	+17 20 54.3	−14.5
40	B. D.+15°292	7	55 59.22	+ 0.08	− 2.33	337 7 55.98	43.605	+ 5.99	− 23.7	1 55 56.97	− 3.77	+16 6 2.6	−14.4
41	B. D.+16°237	7	0 30.76	+ 0.08	− 2.33	338 11 54.88	47.280	+ 5.99	− 22.4	2 0 28.51	− 3.79	+17 11 26.8	−13.8
42	B. D.+ 5°285	7	2 48.06	+ 0.02	− 2.33	326 33 52.35	43.500	+ 5.99	− 37.1	2 2 45.75	− 3.52	+ 5 31 43.2	−15.9
43	B. D.+12°292	7	4 38.74	+ 0.06	− 2.33	333 43 55.45	46.980	+ 5.99	− 27.7	2 4 36.47	− 3.67	+12 43 15.2	−14.4
44	B. D.+14°357	.	.. ..	....	....	335 51 52.40	43.075	+ 5.99	− 25.2	2 7	....	+14 49 45.4	−13.7
45	B. D.+ 9°296	7	11 47.96	+ 0.04	− 2.33	330 21 55.08	45.048	+ 5.99	− 32.0	2 11 45.67	− 3.58	+ 9 20 26.4	−14.5
46	B. D.+13°371	6	15 2.95	+ 0.06	− 2.33	334 51 53.35	47.378	+ 5.99	− 26.3	2 15 0.68	− 3.67	+13 51 23.6	−13.3
47	B. D.+17°353	7	17 23.36	+ 0.08	− 2.33	338 59 55.58	43.855	+ 5.99	− 21.6	2 17 21.11	− 3.77	+17 58 10.0	−12.2
48	B. D.+11°335	7	20 26.69	+ 0.05	− 2.33	332 33 53.38	45.570	+ 5.99	− 29.1	2 20 24.41	− 3.60	+11 32 39.5	−13.3
49	ξ^2 Ceti	7	23 5.82	+ 0.03	− **2.29**	329 3 53.42	43.432	+ 5.99	− 33.7	2 23 3.52	....	+ 8 1 46.1	....
50	27 Arietis	7	25 37.36	+ 0.08	− 2.33	338 17 55.65	45.308	+ 5.99	− 22.3	2 25 35.11	− 3.73	+17 16 42.6	−11.6
51	B. D.+ 6°392	7	30 1.62	+ 0.03	− 2.33	328 3 53.15	47.238	+ 5.99	− 35.0	2 29 59.32	− 3.48	+ 7 3 11.5	−13.5
52	B. D.+24°376	7	31 30.84	+ 0.12	− 2.33	345 15 55.40	42.325	+ 5.99	− 14.8	2 31 28.63	− 3.91	+24 13 41.6	− 9.4
53	B. D.+17°414	7	35 13.67	+ 0.08	− 2.33	339 11 54.48	46.380	+ 5.99	− 21.3	2 35 11.42	− 3.72	+18 11 6.9	−10.5
54	B. D.+17°426	7	39 0.15	+ 0.08	− 2.33	338 21 53.42	47.225	+ 5.99	− 22.2	2 38 57.90	− 3.69	+17 21 24.3	−10.4
55	B. D.+22°392	7	41 47.84	+ 0.11	− 2.33	343 33 53.92	46.995	+ 5.99	− 16.5	2 41 45.62	− 3.83	+22 33 25.2	− 8.8
56	B. D.+12°392	7	44 42.10	+ 0.06	− 2.33	333 15 53.75	47.565	+ 5.99	− 28.3	2 44 39.83	− 3.54	+12 15 26.3	−11.1
57	B. D.+ 8°443	7	48 39.34	+ 0.04	− 2.33	329 57 53.90	45.588	+ 5.99	− 32.5	2 48 37.05	− 3.46	+ 8 56 37.1	−11.6
58	B. D.+14°492	7	50 25.11	+ 0.06	− 2.33	335 19 54.58	46.300	+ 5.99	− 25.8	2 50 22.84	− 3.58	+14 19 0.7	−10.1
59	ε Arietis (*mean*)	7	53 45.76	+ 0.10	− **2.31**	341 57 54.55	46.785	+ 5.99	− 18.3	2 53 43.53	....	+20 57 19.2	....
60	α Ceti	7	57 18.16	+ 0.01	− **2.36**	324 43 54.92	46.295	+ 5.99	− 39.7	2 57 15.84	....	+ 3 42 47.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
22 23 5	29.97	66.0	66.1	32, 50. Bisections at II, VII.					
23 31	......	....	65.0						
23 49	29.95	64.9	65.0						
0 36	29.94	64.5	64.9						
0 50	......	....	64.9						
1 19	29.94	63.8	64.2						
1 47	......	....	64.5						
2 9	29.93	63.6	64.3	Notes.					
2 37	......	....	[illegible]	1-60. Conditions rather poor.					
2 58	[illegible]	63.5	63.9	15. Degrees and minutes of circle reading assumed.					

No.	Date, Observer, and Object.	Thd.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	September 22, R.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Tauri	7	30 26.75	+ 0.11	− 2.43	337 19 54.92	45.868	+ 5.96	− 23.5	4 30 24.47	.....	+16 18 53.4	....
2	τ Tauri	7	36 30.86	+ 0.14	− 2.36	343 47 54.85	43.882	+ 5.98	− 16.4	4 36 28.61	.....	+22 46 15.1	....
3	μ Eridani	7	40 41.18	+ 0.01	− 2.37	317 35 53.82	45.288	+ 5.99	− 51.5	4 40 41.80	.....	− 3 25 48.8	....
4	9 Camelopardalis	5	44 31.82	+ 0.60	− 2.39	27 11 58.12	42.315	+ 6.00	+ 29.1	4 44 30.03	.....	+66 10 27.8	....
5	10 Camelopardalis	7	54 54.10	+ 0.48	− 2.39	21 17 57.12	46.215	+ 6.02	+ 22.2	4 54 52.19	.....	+60 17 49.1	....
6	19 H. Camelopardalis	6	6 44.40	+ 1.31	− 2.39	40 7 58.00	42.665	+ 6.05	+ 47.8	5 6 43.32	.....	+79 6 54.5	....
7	τ Orionis	7	12 58.66	− 0.01	− 2.39	314 3 53.05	48.135	+ 6.06	− 58.3	5 12 56.26	.....	− 6 56 51.3	....
8	γ Orionis	7	20 0.71	+ 0.06	− 2.38	327 17 54.92	43.420	+ 6.08	− 36.3	5 19 58.38	.....	+ 6 15 44.8	....
9	β Leporis	7	24 10.00	− 0.09	− 2.39	300 11 52.78	46.670	+ 6.09	−1 36.7	5 24 7.52	− 2.13	−20 50 3.4	− 8.1
10	α Leporis	7	28 31.75	− 0.07	− 2.37	303 7 53.22	47.990	+ 6.10	−1 26.3	5 28 29.28	.....	−17 53 22.4	....
11	ν Aurigæ	7	44 51.44	+ 0.24	− 2.40	0 7 56.62	45.100	+ 6.14	+ 0.2	5 44 49.28	.....	+39 7 1.4	....
12	δ Aurigæ	7	51 38.30	+ 0.39	− 2.40	15 17 57.85	42.685	+ 6.16	+ 15.6	5 51 36.29	.....	+54 16 22.7	....
13	1 Geminorum	7	58 18.51	+ 0.14	[− 2.40]	344 17 55.12	43.195	+ 6.17	− 15.9	5 58 16.25	.....	+23 16 0.3	....
14	ν Orionis	7	2 6.91	+ 0.10	[− 2.36]	335 47 54.55	45.572	+ 6.18	− 25.4	6 2 4.61	.....	+14 46 44.6	....
15	22 H. Camelopardalis	7	8 16.12	+ 0.69	− 2.40	30 21 57.65	43.302	+ 6.20	+ 33.3	6 8 14.41	.....	+69 20 54.2	....
16	μ Geminorum	.	.. ..	....	....	343 33 55.55	47.580	+ 6.22	− 16.6	6 17	.....	+22 33 40.5	....
17	γ Geminorum	7	32 11.23	+ 0.11	[− 2.35]	337 29 53.80	45.710	+ 6.25	− 23.4	6 32 8.94	.....	+16 28 49.1	....
18	ε Geminorum	7	38 2.69	+ 0.15	[− 2.39]	346 13 55.68	46.928	+ 6.27	− 13.8	6 38 0.44	.....	+25 13 28.4	....
19	24 H. Camelopardalis	6	46 2.03	+ 1.11	− 2.40	38 5 57.92	44.795	+ 6.29	+ 44.5	6 46 0.74	− 5.04	+77 5 40.1	+27.6
20	ζ Geminorum	7	58 25.96	+ 0.13	[− 2.35]	341 43 55.40	44.878	+ 6.32	− 18.6	6 58 23.69	.....	+20 42 36.5	....
21	δ Draconis s. P.	7	12 36.54	− 0.53	− 2.40	73 27 58.40	44.620	+ 6.35	+3 9.0	19 12 33.61	.....	+67 29 58.3	....
22	α Geminorum (*fol.*)	6	28 29.18	+ 0.19	− 2.40	353 7 56.68	42.315	+ 6.39	− 6.8	7 28 26.97	.....	+32 5 51.3	....
23	Venus II	7	11 33.66	+ 0.04	− 2.46	317 16	.....	....	. ....	11 11 31.24	− 2.00	.. ..	....
	September 23, R.												
24	Sun I, N	7	57 4.19	+ 0.06	− 2.46	321 29 47.00	45.408	+ 7.20	− 43.6	11 57 1.79	+63.97	+ 0 28 15.7	....
25	Sun II, S	7	59 12.14	+ 0.06	− 2.46	320 57 36.28	46.120	+ 7.20	− 44.4	11 59 9.74	−63.98	− 0 3 38.5	....
26	β Lyræ	7	46 34.33	+ 0.20	− 2.53	354 15 55.05	46.615	+ 6.81	− 5.5	18 46 32.00	.....	+33 15 29.4	....
27	51 H. Cephei s. P.	5	55 33.86	− 5.82	− 2.53	53 47 57.88	45.410	+ 6.78	+1 15.6	6 55 25.51	.....	+87 11 34.1	....
28	ζ Aquilæ	7	1 2.10	+ 0.09	− 2.56	334 43 53.58	47.778	+ 6.76	− 26.0	19 0 59.66	.....	+13 43 34.0	....
29	21 Aquilæ	7	8 54.51	+ 0.02	− 2.53	323 9 52.92	44.592	+ 6.74	− 41.3	19 8 52.00	− 2.70	+ 2 8 5.3	−21.6
30	λ Ursæ Minoris	6	18 35.30	+16.36	− 2.53	49 59 57.45	45.122	+ 6.71	+1 6.0	19 18 49.13	.....	+89 0 9.0	....
31	ε Delphini	7	28 40.23	+ 0.07	− 2.48	331 59 53.02	46.082	+ 6.48	− 29.4	20 28 37.77	.....	+10 58 51.0	....
32	29 Vulpeculæ	7	34 16.84	+ 0.13	− 2.53	341 53 54.85	43.660	+ 6.46	− 18.1	20 34 14.44	− 3.03	+20 52 8.5	−29.2
33	δ Delphini	7	39 1.39	+ 0.09	− 2.53	335 45 53.95	43.822	+ 6.45	− 24.9	20 38 58.95	− 3.08	+14 44 4.5	−28.0
34	6 H. Cephei	7	43 1.95	+ 0.47	− 2.54	18 13 56.60	48.070	+ 6.44	+ 18.4	20 42 59.88	− 3.26	+57 14 27.6	−32.9
35	32 Vulpeculæ	7	50 31.08	+ 0.16	− 2.53	348 41 56.20	47.772	+ 6.41	− 11.0	20 50 28.70	.....	+27 41 50.8	....
36	f^1 Cygni	7	56 37.06	+ 0.32	− 2.54	8 9 56.55	44.958	+ 6.39	+ 8.0	20 56 34.84	− 3.29	+47 9 5.7	−32.3
37	1 Pegasi	7	17 41.76	+ 0.12	− 2.54	340 23 54.35	48.240	+ 6.33	− 19.7	21 17 39.34	.....	+19 23 51.2	....
38	β Aquarii	7	26 33.13	− 0.02	− 2.52	315 1 53.70	46.355	+ 6.30	− 55.3	21 26 30.57	.....	− 5 59 28.1	....
39	ξ Aquarii	7	32 41.37	− 0.03	− 2.58	312 43 52.38	47.965	+ 6.28	−1 0.0	21 32 38.80	.....	− 8 16 57.3	....
40	ε Pegasi	7	39 31.22	+ 0.06	− 2.56	330 27 53.60	44.625	+ 6.26	− 31.4	21 39 28.74	.....	+ 9 26 16.4	....
41	16 Pegasi	7	48 44.80	+ 0.15	− 2.55	346 29 54.45	44.702	+ 6.23	− 13.3	21 48 42.41	.....	+25 28 36.8	....
42	α Aquarii	7	0 54.17	+ 0.01	− 2.56	320 13 52.58	47.128	+ 6.19	− 46.1	22 0 51.64	.....	− 0 47 2.5	....
43	θ Pegasi	7	5 24.36	+ 0.04	− 2.46	326 45 52.95	43.342	+ 6.17	− 36.4	22 5 21.86	.....	+ 5 43 41.1	....
	September 23, L.												
44	11 Orionis	7	59 7.23	+ 0.11	− 2.77	336 17 56.30	43.955	+ 5.71	− 24.5	4 59 4.61	.....	+15 16 9.8	....
45	19 H. Camelopardalis	7	6 44.88	+ 1.50	− 2.73	40 7 58.98	42.635	+ 5.71	+ 47.2	5 6 43.65	.....	+79 6 53.9	....
46	τ Orionis	7	12 59.04	− 0.01	− 2.74	314 3 54.65	48.092	+ 5.71	− 57.6	5 12 56.30	.....	− 6 56 50.3	....
47	ο Orionis	7	16 53.92	+ 0.02	− 2.73	320 31 54.18	48.162	+ 5.71	− 46.0	5 16 51.21	− 2.59	− 0 28 37.6	− 2.7
48	γ Orionis	7	20 1.09	+ 0.06	− 2.73	327 17 56.40	43.370	+ 5.71	− 35.9	5 19 58.42	.....	+ 6 15 45.2	....
49	β Leporis	7	24 10.39	− 0.10	− 2.73	300 11 58.40	46.672	+ 5.71	−1 35.7	5 24 7.56	− 2.16	−20 50 2.0	− 8.0
50	α Leporis	7	28 32.14	− 0.08	− 2.72	303 7 58.52	48.002	+ 5.71	−1 25.4	5 28 29.33	.....	−17 53 21.2	....
51	ο Aurigæ	7	38 29.31	+ 0.37	− 2.73	10 47 58.10	44.035	+ 5.71	+ 10.8	5 38 26.95	.....	+49 46 48.9	....
52	ν Aurigæ	7	44 51.78	+ 0.27	− 2.73	0 7 57.38	45.080	+ 5.71	+ 0.2	5 44 49.32	.....	+39 7 1.2	....

Time.			Barom.	Att. Ther.	Ext. Ther.
d	h	m	in.	°	°
22	4	29	29.92	62.6	61.9
	5	4	29.91	62.3	61.4
	5	43			61.3
	6	12			61.2
	6	35	29.92	61.8	61.0
	7	31	29.92	62.6	61.2
23	11	59	29.87	75.8	75.2
	18	45	29.70	71.1	70.0
	19	21	29.69	69.7	69.1
	20	26	29.70	68.1	67.9
	21	8	29.68	66.6	68.1
	21	31	.....	.....	68.4
	22	9	29.66	66.0	66.0
	4	59	29.52	62.4	61.2
	5	38			59.0

Micrometer bisections are made at II, VI, except as noted below.

4, 16, 22, 25, 40. Bisections at VI, VII.
6, 19, 45. Bisections at III, V.
24. Bisections at I, II, III.
27, 30. Bisections at b_1, b_5, b_6.
32, 33, 35, 36. Bisections at I, II.
49, 50. Bisections at I, II, VI, VII.
51. Bisections at V, VI.

Notes.

7, 45–51. Thin clouds.
9, 10. Unsteady; poor.

No.	Parallax.	Semi-diameter.	Dei. III. Corr.	Sum.*
	′ ″	′ ″	″	′ ″
24	+ 5.4	−15 57.1	...	−15 51.7
25	+ 5.5	+15 57.0	...	+16 2.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm. Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Aurigæ	7	51 38.64	− 0.44	− 2.73	15 17 59.10	42.625	− 5.71	+ 15.4	5 51 36.35	.....	+54 16 22.0	....
2	1 Geminorum	7	58 18.82	+ 0.16	[− 2.70]	344 17 56.60	43.188	− 5.71	− 15.8	5 58 16.25	.....	+23 16 1.3	....
3	ξ Orionis	7	6 30.68	+ 0.11	− 2.73	335 15 55.20	43.110	+ 5.71	− 25.9	6 6 28.06	− 2.59	+14 13 48.0	+ 5.8
4	2 Lyncis	7	11 10.03	+ 0.52	− 2.74	20 3 58.50	42.652	− 5.71	+ 20.6	6 11 7.81	− 3.91	+59 2 27.1	+21.3
5	ν Geminorum	7	23 17.42	+ 0.14	[− 2.73]	341 17 56.82	44.118	− 5.71	− 19.6	6 23 14.82	.....	+20 16 19.6	....
6	13 **Monocerotis**	7	27 44.54	− 0.07	− 2.74	328 25 55.15	44.550	+ 5.71	− 34.5	6 27 41.57	− 2.34	+ 7 24 12.3	+ 4.8
7	γ **Geminorum**	7	32 11.56	+ 0.12	[− 2.66]	337 29 55.35	45.710	+ 5.71	− 23.2	6 32 8.94	.....	+16 28 50.3	....
8	ε **Geminorum**	7	38 2.82	+ 0.17	[− 2.60]	346 13 56.92	46.975	+ 5.71	− 13.7	6 38 0.35	.....	+25 13 29.9	....
9	α Canis Majoris	7	40 57.09	− 0.07	− 2.74	304 27 54.92	43.730	+ 5.71	−1 21.6	6 40 54.28	.....	−16 34 53.6	....
	September 24. L.												
10	Sun I. N.	7	0 40.08	+ 0.04	− 2.73	321 5 53.72	46.887	+ 5.87	− 45.1	12 0 37.39	+64.07	+ 0 4 53.4	....
11	Sun II. S.	7	2 48.23	+ 0.04	− 2.73	320 33 54.65	47.023	+ 5.87	− 46.0	12 2 45.54	−64.08	− 0 27 2.5	....
12	**Moon I.**	7	3 37.58	− 0.05	− 2.74	306 30	......	....	....	15 3 34.79	+66.66	.. ..	....
13	23 H. Camelopardalis s.p.	7	29 52.14	− 1.39	− 2.72	61 20 0.05	43.685	+ 5.92	+1 43.2	6 29 48.03	.....	+79 39 44.5	....
14	4 H. Scuti	7	37 3.20	− 0.07	− 2.61	311 53 53.30	44.110	+ 5.86	−1 2.8	18 37 0.41	.....	− 9 8 27.7	....
15	ε² Lyræ (*mean*)	7	41 14.33	+ 0.22	− 2.72	0 31 56.92	45.465	+ 5.82	− 0.6	18 41 11.83	− 1.88	+39 31 10.1	−29.4
16	β Lyræ	7	46 34.54	+ 0.18	− 2.72	354 15 57.08	46.562	+ 5.78	− 5.6	18 46 32.00	.....	+33 15 29.1	....
17	ξ Sagittarii	7	52 2.51	− 0.15	− 2.72	299 47 53.92	47.315	+ 5.73	−1 38.2	18 51 59.64	− 2.98	21 13 49.3	−12.9
18	τ Sagittarii	7	56 32.66	− 0.22	− 2.72	291 1 53.48	46.404	+ 5.69	−2 25.6	18 56 29.72	.....	30 0 58.0	....
19	ζ Aquilæ	7	1 2.25	+ 0.07	− 2.71	334 43 56.25	47.765	+ 5.65	− 26.6	19 0 59.60	.....	+13 43 34.7	....
20	21 **Aquilæ**	7	8 54.69	0.00	− 2.72	323 9 54.15	44.645	+ 5.59	− 42.4	19 8 51.97	− 2.69	+ 2 8 5.5	−21.7
21	ω Aquilæ	7	13 21.09	+ 0.06	− 2.73	332 25 54.92	48.155	+ 5.55	− 29.5	19 13 18.43	.....	+11 25 39.0	....
22	τ Draconis	7	17 28.25	+ 0.93	− 2.73	34 9 58.38	48.850	+ 5.51	− 38.6	19 17 26.45	.....	+73 11 6.6	....
23	6 Vulpeculæ	7	24 45.19	+ 0.14	− 2.73	345 29 56.42	44.660	+ 5.45	− 14.6	19 24 42.60	.....	+24 28 35.7	....
24	κ Aquilæ	7	31 46.16	− 0.04	− 2.74	313 47 54.62	44.478	+ 5.39	− 59.1	19 31 43.39	.....	− 7 14 14.7	....
25	β Sagittæ	7	36 46.88	+ 0.10	− 2.77	338 15 57.15	47.480	+ 5.35	− 22.6	19 36 44.25	.....	+17 15 32.8	....
26	γ Aquilæ	7	41 44.31	+ 0.06	− 2.69	331 23 55.55	46.610	+ 5.31	− 30.9	19 41 41.64	.....	+10 23 3.0	....
27	α Aquilæ	7	46 8.66	+ 0.05	− 2.78	329 37 56.80	46.980	+ 5.27	− 33.2	19 46 5.98	.....	+ 8 37 10.3	....
28	φ Aquilæ	7	51 44.16	+ 0.07	− 2.73	332 11 55.25	44.912	+ 5.22	− 29.9	19 51 41.50	− 2.82	+11 10 24.8	−26.1
29	63 Sagittarii	7	56 38.64	− 0.08	− 2.73	307 7 53.68	45.805	+ 5.18	−1 15.0	19 56 35.83	− 3.13	−13 54 1.5	−19.0
30	3 H. Ursæ Majoris s.p.	7	3 15.61	− 0.68	− 2.73	72 11 59.55	47.374	+ 5.13	+2 56.5	8 3 12.20	.....	+68 45 8.1	....
31	66 Aquilæ	7	8 19.21	0.00	− 2.73	319 43 55.48	45.675	+ 5.08	− 48.2	20 8 16.48	− 3.02	− 1 17 36.0	−23.3
32	α² Capricorni	7	12 46.50	− 0.07	− 2.81	308 11 54.55	44.722	+ 5.05	−1 12.3	20 12 43.70	.....	−12 50 22.8	....
33	176 B. Cygni	7	16 49.61	+ 0.27	− 2.73	0 5 57.58	48.680	+ 5.01	+ 0.2	20 16 47.15	− 2.83	+39 6 23.0	−32.0
34	π Capricorni	7	21 52.37	− 0.11	− 2.76	302 31 53.20	42.675	+ 4.97	−1 29.2	20 21 49.53	.....	−18 31 27.9	....
35	ε Delphini	7	28 40.51	+ 0.08	− 2.79	331 59 55.55	46.135	+ 4.91	− 30.3	20 28 37.86	.....	+10 58 52.3	....
36	29 Vulpeculæ	7	34 17.06	+ 0.15	− 2.73	341 53 56.15	43.718	+ 4.86	− 18.6	20 34 14.48	− 3.02	+20 52 9.3	−29.3
37	δ Delphini	7	39 1.56	+ 0.11	− 2.73	335 45 55.40	43.885	+ 4.82	− 25.7	20 38 58.94	− 3.07	+14 44 5.2	−28.1
38	6 H. Cephei	7	43 2.19	+ 0.52	− 2.73	18 13 59.12	48.040	+ 4.79	+ 18.9	20 42 59.98	− 3.23	+57 14 28.3	−33.2
39	32 Vulpeculæ	7	50 31.26	+ 0.20	− 2.77	348 41 58.90	47.785	+ 4.73	− 11.4	20 50 28.73	.....	+27 41 52.0	....
40	θ Capricorni	7	0 36.00	− 0.09	− 2.77	303 25 53.78	44.422	+ 4.64	−1 26.3	21 0 33.18	.....	−17 36 44.8	....
41	γ Equulei	7	5 43.36	+ 0.09	− 2.73	330 45 55.90	46.350	+ 4.60	− 32.0	21 5 40.72	− 3.22	+ 9 44 55.6	−27.4
	September 24, Ei.-Y.												
42	α Aquarii	7	0 54.08	+ 0.04	− 2.51	320 13 55.72	47.150	+ 4.22	− 47.6	22 0 51.59	.....	− 0 47 2.3	....
43	ι Pegasi	7	2 35.60	+ 0.21	− 2.51	345 53 57.48	45.198	+ 4.21	− 14.4	22 2 33.28	.....	+24 52 48.0	....
44	θ **Pegasi**	7	5 24.37	+ 0.08	− 2.52	326 45 55.95	43.385	+ 4.21	− 37.6	22 5 21.92	.....	+ 5 43 41.9	....
45	**B. D. −12°6209**	7	8 21.35	− 0.04	− 2.53	308 37 56.05	45.870	+ 4.20	−1 11.6	22 8 18.78	− 3.48	−12 23 55.2	−23.7
46	θ **Aquarii**	7	11 48.98	− 0.01	− 2.52	312 45 56.60	46.398	+ 4.20	−1 1.9	22 11 46.43	.....	− 8 15 32.9	....
47	**B. D. −12°6243**	7	15 11.57	− 0.04	− 2.54	308 19 54.18	45.508	+ 4.19	−1 12.4	22 15 8.99	− 3.49	−12 42 6.1	23.7
48	**B. D. −10°5904**	7	19 5.84	− 0.03	− 2.54	310 19 53.12	48.555	+ 4.18	−1 7.4	22 19 3.27	− 3.49	−10 40 52.6	−24.1
49	**B. D. −11°5833**	7	21 38.66	− 0.03	− 2.54	309 17 55.75	48.595	+ 4.18	−1 10.0	22 21 36.09	− 3.50	−11 42 51.6	−23.9
50	**B. D. −15°6231**	7	25 11.61	− 0.06	− 2.54	305 57 55.25	44.758	+ 4.17	−1 18.9	22 25 9.01	− 3.51	−15 4 28.7	−23.4
51	**B. D. − 2°5781**	7	29 8.99	+ 0.03	− 2.54	318 57 57.72	44.732	+ 4.16	− 49.9	22 29 6.48	− 3.51	− 2 3 57.9	−25.4
52	κ **Aquarii**	7	32 50.10	+ 0.02	− 2.54	316 17 55.78	46.902	+ 4.16	− 54.8	22 32 47.58	− 3.51	− 4 43 15.1	−25.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 5 58	......	....	57.8
6 11	......	....	58.0
6 23	29.55	60.0	58.5
6 32	......	....	58.7
6 41	29.57	60.2	58.7
24 12 3	29.65	63.2	62.0
18 30	29.72	60.7	59.0
19 1	......	....	57.9
19 52	29.75	57.6	55.7
20 3	......	....	54.9
20 22	......	....	54.1
20 51	......	....	53.9
21 6	29.78	55.8	53.7
21 39	29.79	54.7	52.3
22 27	......	....	51.6

Micrometer bisections are made at II, VI, except as noted below.

8, 21. Bisections at I, II.
9. Bisections at II, VI, VII.
10. Bisections at I, II, III.
11. Bisections at V, VI, VII.
13. Bisections at III, IV, V.
18, 40. Bisections at I, II, VI, VII.
22. Bisections at III, V.
30. Bisections at II, III, V, VI.

Notes.

1–9. Conditions poor.
18, 30, 40. Unsteady.
30, 38. Diffuse.
37. Circle reading decreased 1°.
42–52. Images woolly and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 5.5	−15 57.9	...	−15 52.4
11	+ 5.5	+15 58.0	...	+16 3.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−12°6327	7	36 23.55	− 0.04	− 2.54	308 17 55.72	46.372	+ 4.15	−1 12.6	22 36 20.97	− 3.52	−12 43 45.1	−23.9
2	B. D.− 9°6037	7	38 0.48	− 0.02	− 2.54	311 21 55.75	47.360	+ 4.15	−1 5.1	22 37 57.92	− 3.52	− 9 39 15.0	−24.3
3	B. D.−12°6342	7	41 6.34	− 0.03	− 2.54	308 59 54.60	44.312	+ 4.14	−1 10.8	22 41 3.77	− 3.52	−12 2 31.5	−24.0
4	B. D.− 8°5952	7	43 24.41	− 0.01	− 2.54	312 23 54.92	47.872	+ 4.14	−1 2.8	22 43 21.86	− 3.52	− 8 37 1.8	−24.5
5	B. D.−10°6008	7	47 45.74	− 0.02	− 2.54	310 27 54.48	45.435	+ 4.13	−1 7.2	22 47 43.18	− 3.52	−10 34 2.4	−24.2
6	94 H^1. Aquarii	7	50 15.26	+ 0.02	− 2.54	315 31 56.75	45.390	+ 4.13	− 56.3	22 50 12.74	− 3.54	− 5 29 50.2	−24.8
7	B. D.− 3°5539	7	53 21.85	+ 0.03	− 2.54	318 5 58.22	48.965	+ 4.12	− 51.5	22 53 19.34	− 3.55	− 2 54 22.3	−25.1
8	B. D.− 7°5910	7	56 27.33	0.00	− 2.54	313 25 57.00	49.145	+ 4.11	−1 0.6	22 56 24.79	− 3.54	− 7 34 28.5	−24.5
9	B. D.−12°6413	7	59 31.02	− 0.04	− 2.54	308 19 55.22	46.578	+ 4.11	−1 12.5	22 59 28.44	− 3.53	−12 41 40.8	−23.9
10	B. D.− 9°6123	7	2 20.02	− 0.01	− 2.54	311 41 55.00	45.690	+ 4.10	−1 4.4	23 2 17.47	− 3.54	− 9 19 53.3	−24.3
11	B. D.−14°6413	7	5 21.12	− 0.05	− 2.54	306 51 55.12	46.288	+ 4.10	−1 16.5	23 5 18.53	− 3.53	−14 9 51.6	−23.7
12	B. D.− 3°5592	7	9 13.04	+ 0.03	− 2.54	317 51 57.55	46.565	+ 4.09	− 51.9	23 9 10.53	− 3.56	− 3 9 18.2	−24.8
13	ψ^1 Aquarii	7	10 54.74	− 0.01	− 2.54	311 23 55.50	49.205	+ 4.09	−1 5.0	23 10 52.19	− 3.54	− 9 36 32.9	−24.2
14	ψ^3 Aquarii	7	14 1.05	− 0.02	− 2.54	310 53 54.28	45.420	+ 4.08	−1 6.2	23 13 58.49	− 3.54	−10 8 2.0	−24.1
15	B. D.− 7°5993	7	16 19.66	0.00	− 2.54	313 27 55.25	48.328	+ 4.08	−1 0.5	23 16 17.12	− 3.55	− 7 32 48.8	−24.3
16	B. D.− 0°4509	7	18 39.47	+ 0.05	− 2.54	320 47 56.72	44.458	+ 4.07	− 46.8	23 18 36.98	− 3.59	− 0 14 2.1	−24.8
17	κ Piscium	7	22 3.69	+ 0.06	− **2.52**	321 45 57.12	44.270	+ 4.07	− 45.3	23 22 1.21	....	+ 0 43 55.4	....
18	B. D.− 1°4443	7	24 37.97	+ 0.05	− 2.54	319 27 57.08	45.385	+ 4.06	− 49.1	23 24 35.48	− 3.59	− 1 33 42.9	−24.6
19	B. D.−11°6098	7	27 30.47	− 0.03	− 2.54	309 29 56.05	46.525	+ 4.06	−1 9.6	23 27 27.90	− 3.54	−11 31 38.4	−23.8
20	B. D.+ 0°5018	7	30 37.09	+ 0.06	− 2.54	321 47 56.72	47.348	+ 4.05	− 45.2	23 30 34.61	− 3.61	+ 0 47 5.5	−24.5
21	B. D.− 1°4469	7	34 52.44	+ 0.05	− 2.54	319 43 56.00	49.325	+ 4.04	− 48.6	23 34 49.95	− 3.60	− 1 16 13.4	−24.3
22	B. D.− 3°5688	7	36 20.93	+ 0.04	− 2.54	317 37 56.50	46.532	+ 4.04	− 52.4	23 36 18.43	− 3.58	− 3 23 20.6	−24.2
23	19 Piscium	7	41 32.27	+ 0.08	− 2.54	323 57 56.52	47.920	+ 4.03	− 41.8	23 41 29.81	− 3.64	+ 2 57 21.7	−24.3
24	B. D.+ 5°5224	7	45 22.90	+ 0.10	− 2.54	327 1 56.45	45.505	+ 4.02	− 36.8	23 45 20.46	− 3.67	+ 6 0 31.4	−24.2
25	B. D.− 2°6059	7	49 46.53	+ 0.04	− 2.54	318 31 56.62	48.155	+ 4.02	− 50.7	23 49 44.03	− 3.59	− 2 28 41.7	−23.8
26	ω Piscium	7	54 25.90	+ 0.11	− **2.50**	327 21 56.32	44.135	+ 4.01	− 36.8	23 54 23.47	....	+ 6 20 0.0	....
27	B. D.− 3°5749	7	56 57.23	+ 0.04	− 2.54	317 27 56.82	45.780	+ 4.00	− 52.7	23 56 54.73	− 3.58	− 3 33 37.8	−23.6
28	B. D.− 1°4525	7	0 11.54	+ 0.06	− 2.54	319 59 55.55	44.422	+ 4.00	− 48.3	0 0 9.06	− 3.61	− 1 2 5.7	−23.5
29	5 Ceti	7	3 20.11	+ 0.04	− 2.54	318 1 57.35	47.852	+ 3.99	− 51.7	0 3 17.61	− 3.59	− 2 58 48.9	−23.4
30	B. D.+ 7°13	7	6 23.09	+ 0.12	− 2.55	328 25 55.32	46.592	+ 3.99	− 35.3	0 6 20.66	− 3.71	+ 7 24 56.6	−23.2
31	B. D.+ 3°26	7	11 4.62	+ 0.09	− 2.55	324 43 57.62	47.290	+ 3.98	− 40.7	0 11 2.16	− 3.66	+ 3 43 9.5	−23.0
32	ι Ceti	7	14 35.29	0.00	− **2.58**	311 39 54.42	47.220	+ 3.97	−1 4.6	0 14 32.74	....	− 9 21 19.2	....
33	44 Piscium	7	20 31.97	+ 0.08	− **2.60**	322 25 57.18	45.925	+ 3.96	− 44.3	0 20 29.50	....	+ 1 24 34.2	....
34	υ Piscium	7	14 14.36	+ 0.28	− **2.51**	347 45 57.90	47.140	+ 3.89	− 12.5	1 14 12.09	....	+26 45 34.4	....
35	θ Ceti	7	19 16.46	+ 0.01	− **2.54**	312 21 56.70	43.530	+ 3.89	−1 3.3	1 19 13.92	....	− 8 40 40.0	....
36	B. D.+ 7°213	7	23 23.73	+ 0.13	− 2.55	328 29 57.05	43.705	+ 3.88	− 35.4	1 23 21.31	− 3.67	+ 7 27 52.2	−18.5
37	B. D.+10°197	7	26 41.16	+ 0.16	− 2.55	331 25 58.45	42.962	+ 3.88	− 31.4	1 26 38.77	− 3.72	+10 23 40.6	−17.9
38	B. D.+11°201	7	29 48.50	+ 0.17	− 2.55	333 5 58.28	43.822	+ 3.88	− 29.3	1 29 46.12	− 3.76	+12 4 2.2	−17.4
39	B. D.+ 7°240	7	31 44.59	+ 0.13	− 2.55	328 21 57.28	45.375	+ 3.88	− 35.6	1 31 42.17	− 3.66	+ 7 20 30.4	−17.9
40	B. D.+14°250	7	34 37.41	+ 0.19	− 2.55	335 57 58.48	44.230	+ 3.88	− 25.7	1 34 35.05	− 3.81	+14 56 15.3	−16.6
41	B. D.+11°221	7	37 58.48	+ 0.17	− 2.55	333 5 55.80	46.525	+ 3.87	− 29.3	1 37 56.10	− 3.74	+12 5 1.4	−16.8
42	B. D.+12°232	7	42 31.17	+ 0.17	− 2.55	333 43 56.08	45.565	+ 3.87	− 28.5	1 42 28.79	− 3.75	+12 42 40.6	−16.3
43	B. D.+ 3°249	7	46 4.39	+ 0.11	− 2.55	324 43 57.42	51.625	+ 3.87	− 40.8	1 46 1.95	− 3.56	+ 3 44 48.1	−17.5
44	B. D.+ 9°236	7	49 9.12	+ 0.15	− 2.55	330 29 57.10	46.068	+ 3.87	− 32.7	1 49 6.72	− 3.67	+ 9 28 48.9	−16.4
45	B. D.+11°261	7	54 20.30	+ 0.17	− 2.55	332 51 56.40	43.185	+ 3.86	− 29.6	1 54 17.92	− 3.71	+11 49 45.4	−15.5
46	B. D.+ 7°313	7	56 51.01	+ 0.13	− 2.55	328 25 57.92	44.370	+ 3.86	− 35.5	1 56 48.59	− 3.61	+ 7 24 8.1	−16.1
47	B. D.+19°324	7	0 59.89	+ 0.23	− 2.56	341 9 59.10	43.328	+ 3.86	− 19.7	2 0 57.56	− 3.90	+20 8 1.2	−13.4
48	B. D.+10°293	7	3 2.06	+ 0.16	− 2.56	331 43 56.65	49.208	+ 3.86	− 31.0	2 2 59.66	− 3.67	+10 44 1.9	−15.0
49	B. D.+20°341	7	6 2.73	+ 0.23	− 2.56	341 55 59.55	47.105	+ 3.86	− 18.8	2 6 0.40	− 3.92	+20 55 28.9	−12.8
50	B. D.+18°283	7	8 34.96	+ 0.22	− 2.56	340 11 58.82	43.008	+ 3.85	− 20.8	2 8 32.62	− 3.86	+19 9 52.5	−12.9
51	B. D.+17°339	7	12 29.54	+ 0.21	− 2.56	339 1 57.55	44.948	+ 3.85	− 22.1	2 12 27.19	− 3.82	+18 0 34.3	−12.8
52	B. D.+ 9°306	7	15 47.96	+ 0.15	− 2.56	330 35 56.85	43.918	+ 3.85	− 32.6	2 15 45.55	− 3.61	+ 9 33 59.6	−14.2
53	B. D.+20°388	7	18 26.65	+ 0.23	− 2.56	341 59 57.98	44.940	+ 3.85	− 18.8	2 18 24.32	− 3.89	+20 58 37.8	−11.6
54	B. D.+12°332	7	21 17.72	+ 0.17	− 2.56	333 29 56.92	43.642	+ 3.85	− 28.8	2 21 15.33	− 3.66	+12 27 57.1	−13.2
55	B. D.+14°408	7	23 41.88	+ 0.19	− 2.56	336 11 58.80	44.235	+ 3.84	− 25.5	2 23 39.51	− 3.72	+15 10 15.9	−12.4
56	B. D.+12°346	7	27 1.96	+ 0.17	− 2.56	333 15 58.82	48.195	+ 3.84	− 29.1	2 26 59.57	− 3.64	+12 15 42.8	−12.8
57	B. D.+13°411	7	30 49.69	+ 0.18	− 2.56	334 21 58.62	44.028	+ 3.84	− 27.7	2 30 47.31	− 3.66	+13 20 8.8	−12.2
58	B. D.+22°375	7	32 22.84	+ 0.25	− 2.56	343 43 57.45	45.068	+ 3.84	− 16.8	2 32 20.53	− 3.90	+22 42 42.2	− 9.9
59	B. D.+15°367	7	35 25.18	+ 0.19	− 2.56	336 17 58.98	44.682	+ 3.84	− 25.4	2 35 22.81	− 3.69	+15 16 26.4	−11.4
60	B. D.+11°377	7	39 46.44	+ 0.17	− 2.56	333 3 54.65	45.175	+ 3.83	− 29.4	2 39 44.05	− 3.60	+12 2 29.3	−11.7
61	B. D.+18°347 (*fol.*)	7	42 5.05	+ 0.22	− 2.56	339 59 57.98	44.328	+ 3.83	− 21.0	2 42 2.71	− 3.77	+18 58 21.7	− 9.8
62	B. D.+21°380	7	45 7.14	+ 0.24	− 2.56	342 43 57.88	45.750	+ 3.83	− 17.9	2 45 4.82	− 3.84	+21 42 57.2	− 8.9
63	B. D.+10°388	7	49 11.30	+ 0.16	− 2.56	331 55 55.35	46.722	+ 3.83	− 30.8	2 49 8.90	− 3.54	+10 55 3.9	−11.2
64	B. D.+17°458	7	51 3.63	+ 0.21	− 2.56	338 39 57.60	44.435	+ 3.83	− 22.6	2 51 1.28	− 3.70	+17 38 22.1	− 9.3

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
24 22 51	29.79	53.4	51.0	13, 21. Bisections at II, VI, VII.					
23 20	......	....	51.0	46. Bisections at II, VII.					
23 47	29.80	52.2	51.0						
0 16	......	....	50.1						
1 12	29.81	51.3	48.9						
1 39	29.815	50.8	49.0						
2 10	......	....	48.7						
2 36	29.82	50.0	48.8						

Notes.

1–28. Conditions improving.
24. Circle reading decreased 20′.
29–64. Conditions rather poor.
34. Degrees and minutes of circle reading assumed.
63. Micrometer reading increased 3 rev.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ε Arietis (*mean*)	7	53 45.91	+ 0.23	– **2.54**	341 57 58.12	46.790	+ 3.82	– 18.8	2 53 43.58	.....	+20 57 20.2	....
2	B. D.+16°380	5	57 32.82	+ 0.21	– 2.56	338 11 57.68	46.722	+ 3.82	– 23.1	2 57 30.47	– 3.67	+17 11 14.2	– 8.9
3	B. D.+12°436	7	1 9.90	+ 0.17	– 2.56	333 49 54.95	46.420	+ 3.82	– 28.4	3 1 7.51	– 3.55	+12 48 59.0	– 9.6
4	B. D.+13°519	7	5 30.03	+ 0.18	– 2.56	334 59 58.40	45.530	+ 3.82	– 26.9	3 5 27.65	– 3.56	+13 58 43.6	– 9.0
5	B. D.+15°450	7	8 49.62	+ 0.19	– 2.56	336 15 57.10	43.298	+ 3.81	– 25.4	3 8 47.25	– 3.58	+15 13 52.8	– 8.4
6	B. D.+14°550	7	13 8.68	+ 0.19	– 2.56	335 51 58.10	43.550	+ 3.81	– 25.9	3 13 6.31	– 3.55	+14 49 59.1	– 8.1
7	τ¹ Arietis	7	15 43.53	+ 0.23	– **2.53**	341 49 57.72	43.288	+ 3.81	– 19.0	3 15 41.20	.....	+20 47 59.6	....
8	B. D.+21°447	7	19 2.11	+ 0.24	– 2.56	342 43 57.38	43.125	+ 3.81	– 18.0	3 18 59.79	– 3.72	+21 41 56.5	– 5.6
9	B. D.+20°573	7	23 18.18	+ 0.23	– 2.56	341 17 58.35	47.040	+ 3.80	– 19.5	3 23 15.85	– 3.66	+20 17 25.5	– 5.7
10	*f* Tauri	7	25 36.81	+ 0.17	– **2.53**	333 37 57.08	44.890	+ 3.80	– 28.6	3 25 34.42	.....	+12 36 26.0	....
11	ε Eridani	7	28 27.12	+ 0.01	– **2.59**	311 13 54.55	48.262	+ 3.80	–1 5.8	3 28 24.57	....	– 9 46 56.6	....
	September 24, R.												
12	9 Camelopardalis	7	44 31.86	+ 0.93	– 2.62	27 11 58.92	42.355	+ 3.70	+ 30.0	4 44 30.17	.....	+66 10 28.1	....
13	10 Camelopardalis	7	54 54.24	+ 0.75	– 2.62	21 17 59.68	46.145	+ 3.68	+ 22.8	4 54 52.37	.....	+60 17 48.4	....
14	β Eridani	7	3 10.05	+ 0.06	– **2.62**	315 49 55.55	43.455	+ 3.66	– 56.5	5 3 7.49	.....	– 5 12 36.3	....
15	τ Orionis	7	12 58.86	+ 0.05	– **2.59**	314 3 54.48	48.320	+ 3.63	–1 0.0	5 12 56.29	. ...	– 6 56 49.7	....
16	γ Orionis	7	20 0.93	+ 0.14	– **2.62**	327 17 56.52	43.542	+ 3.61	– 37.3	5 19 58.45	. ...	+ 6 15 45.8	....
17	β Leporis	7	24 10.23	– 0.06	– 2.62	300 11 54.10	46.850	+ 3.60	–1 39.6	5 24 7.55	– 2.18	–20 50 2.9	– 8.0
18	ζ Tauri	7	31 56.24	+ 0.25	– **2.64**	342 5 57.58	45.840	+ 3.58	– 18.8	5 31 53.86	.....	+21 4 57.7	....
19	ω Draconis s. P.	7	37 33.53	– 0.77	– 2.63	72 9 59.12	43.455	+ 3.57	+3 0.0	17 37 30.13	....	+68 48 36.0	....
20	ν Aurigæ	7	44 51.59	+ 0.40	– 2.63	0 7 58.98	45.155	+ 3.55	+ 0.2	5 44 49.36	.....	+39 7 2.4	....
21	δ Aurigæ	7	51 38.40	+ 0.62	– 2.63	15 18 0.02	42.730	+ 3.53	+ 16.0	5 51 36.39	.....	+54 16 23.3	....
22	1 Geminorum	7	58 18.66	+ 0.26	[– **2.61**]	344 17 57.80	43.242	+ 3.52	– 16.4	5 58 16.29	.....	+23 16 0.6	....
23	δ Ursæ Minoris s. P.	4	3 27.42	– 5.74	– 2.63	54 21 58.88	46.095	+ 3.50	+1 21.5	18 3 19.05	.....	+86 37 14.7	....
24	ζ Canis Majoris	7	16 39.84	– 0.15	– 2.63	291 1 54.32	46.340	+ 3.47	–2 30.2	6 16 37.06	.....	–30 1 5.5	....
25	χ Draconis s. P.	7	22 51.61	– 1.00	– 2.63	68 17 58.90	41.510	+ 3.46	+2 26.0	18 22 47.98	.....	+72 41 54.7	....
26	ε Geminorum	7	38 2.83	+ 0.28	[– **2.59**]	346 13 58.20	47.005	+ 3.42	– 14.2	6 38 0.48	.....	+25 13 29.1	....
27	18 Monocerotis	7	42 52.89	+ 0.12	– 2.63	323 31 56.78	47.290	+ 3.41	– 43.0	6 42 50.38	.....	+ 2 31 5.5	....
28	θ Geminorum	7	46 28.84	+ 0.36	– 2.63	355 5 56.75	44.035	+ 3.40	– 4.9	6 46 26.57	.....	+34 4 29.3	....
29	ε Canis Majoris	7	54 53.12	– 0.14	– 2.63	292 11 53.25	48.060	+ 3.38	–2 21.4	6 54 50.35	.....	–28 50 18.5	....
30	22 Monocerotis	7	6 59.23	+ 0.10	– 2.63	320 41 56.52	44.665	+ 3.34	– 47.6	7 6 56.70	.....	– 0 19 58.9	....
31	λ Geminorum	7	12 35.84	+ 0.22	[– **2.65**]	337 43 57.85	45.638	+ 3.33	– 23.8	7 12 33.43	.....	+16 42 48.2	....
32	β Canis Minoris	7	21 57.92	+ 0.16	[– **2.51**]	329 29 56.48	46.662	+ 3.31	– 34.2	7 21 55.45	.....	+ 8 28 59.8	....
33	α Geminorum (*fol.*)	7	28 29.34	+ 0.34	– 2.64	353 7 57.78	42.450	+ 3.29	– 7.0	7 28 27.04	.....	+32 5 52.0	....
34	κ Geminorum	7	38 40.11	+ 0.28	[– **2.63**]	345 37 58.48	47.455	+ 3.26	– 14.8	7 38 37.75	.....	+24 37 39.2	....
35	ξ Argus	7	45 17.07	– 0.10	– 2.64	296 25 53.95	45.222	+ 3.25	–1 56.0	7 45 14.33	.....	–24 36 57.3	....
36	Venus II, N	7	8 5.78	+ 0.08	– 2.65	317 53 57.28	47.749	+ 4.42	– 51.3	11 8 3.21	– 1.98	– 3 6 50.5	....
	September 25, R.												
37	Sun I, S	7	4 15.76	+ 0.10	– 2.66	320 11 53.55	43.575	+ 4.42	– 47.1	12 4 13.20	+64.06	– 0 50 25.9	....
38	Sun II, N	7	6 23.88	+ 0.10	– 2.66	320 43 51.32	43.462	+ 4.42	– 46.2	12 6 21.32	–64.06	– 0 18 28.9	....
39	Moon I, N	7	58 21.32	– 0.08	– 2.68	304 19 56.82	47.513	+ 5.16	–1 21.7	15 58 18.56	+66.39	–16 41 26.0	....
40	ι Ophiuchi	7	49 29.47	+ 0.06	– 2.68	331 19 57.35	48.342	+ 5.12	– 30.6	16 49 26.85	– 1.73	+10 19 44.5	–14.8
41	η Ophiuchi	7	4 54.01	– 0.08	[– **2.73**]	305 25 55.72	45.480	+ 5.09	–1 18.6	17 4 51.25	.....	–15 36 10.5	....
42	α Herculis	7	10 17.79	+ 0.09	[– **2.64**]	335 29 57.00	49.690	+ 5.08	– 25.5	17 10 15.20	.....	+14 30 20.0	....
43	*w* Herculis	7	17 5.57	+ 0.19	– 2.68	353 35 58.75	47.658	+ 5.06	– 6.2	17 17 3.08	.....	+32 35 54.5	....
44	σ Ophiuchi	7	21 46.80	+ 0.03	[– **2.67**]	325 13 56.82	48.680	+ 5.05	– 38.9	17 21 44.15	.....	+ 4 13 43.3	....
45	51 Ophiuchi	7	25 35.23	– 0.15	– 2.68	297 9 54.85	44.202	+ 5.05	–1 48.9	17 25 32.40	– 2.61	–23 53 10.9	– 6.3
46	ν¹ Draconis	7	30 18.52	+ 0.42	– 2.68	16 16 0.90	45.508	+ 5.04	+ 16.5	17 30 16.26	– 0.44	+55 15 30.1	–26.5
47	*o* Serpentis	7	36 2.96	– 0.07	– 2.68	308 11 55.50	47.622	+ 5.02	–1 11.2	17 36 0.21	– 2.44	–12 49 14.5	–10.9
48	89 Herculis	7	51 34.66	+ 0.16	[– **2.62**]	347 3 59.20	48.995	+ 4.99	– 12.9	17 51 32.14	.....	+26 4 18.7	....
49	67 Ophiuchi	7	55 52.10	+ 0.02	– 2.68	323 57 57.58	45.460	+ 4.98	– 40.9	17 55 49.44	.....	+ 2 56 28.4	....
50	δ Ursæ Minoris	7	3 16.21	+ 4.44	– 2.68	47 36 2.70	48.242	+ 4.97	+1 1.9	18 3 17.97	.....	+86 37 19.5	....
51	109 Herculis	7	19 38.49	+ 0.14	– **2.69**	342 43 57.10	48.358	+ 4.93	– 17.5	18 19 35.94	.....	+21 43 57.5	....
52	*c* Serpentis	7	24 43.32	0.00	– 2.69	318 59 56.98	43.062	+ 4.92	– 49.0	18 24 40.63	– 2.50	– 2 2 35.1	–17.8
53	23 H. Camelopardalis s.P.	6	29 52.41	– 1.39	– 2.69	61 20 1.48	43.690	+ 4.91	+1 43.3	6 29 48.33	.....	+79 39 43.8	....
54	63 Sagittarii	7	56 38.56	– 0.08	– 2.69	307 7 55.58	45.722	+ 4.77	–1 14.8	19 56 35.79	– 3.11	–13 54 1.7	–19.0
55	3 H. Ursæ Majoris s. P.	7	3 15.55	– 0.66	– 2.69	72 12 0.68	47.392	+ 4.76	+2 56.1	8 3 12.19	.....	+68 45 6.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 3 3	......	....	48.7
3 30	29.83	50.0	48.8
4 50	29.86	49.2	46.5
5 18	......	....	46.2
6 12	29.875	47.8	45.5
7 16	29.90	49.7	47.1
7 49	29.92	51.1	48.9
11 14	29.95	60.3	58.8
25 12 6	29.935	62.1	61.0
16 2	29.88	66.3	65.7
16 54	29.88	65.7	65.3
17 43	29.88	63.9	63.1
19 43	29.90	59.6	59.0

Micrometer bisections are made at II, VI, except as noted below.

2, 12, 13, 30, 55. Bisections at VI, VII.
17. Bisection at VII.
21, 22, 26, 27. Bisections at I, II.
23. Bisections at b_2, b_4, b_5, b_6, b_8.
35. Bisections at I, VII.
36. Bisections at I, II, VI, VII.
37. Bisections at I, II, III.
38. Bisections at V, VI, VII.
39. Bisections at II, III, IV, V, VI.
50. Bisections at b_1, b_3, b_5, b_7, b_9.
53. Bisections at III, V.

Notes.

1–11. Conditions rather poor.
19, 24. Very diffuse and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
36	+ 20.2	– 29.5	...	– 9.3
37	+ 5.6	+15 58.5	...	+16 4.1
38	+ 5.5	–15 58.4	...	–15 52.9
39	+46 16.1	–15 21.6	...	+30 54.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	66 Aquilæ..................	4	8 19.14	0.00	− 2.70	319 43 56.50	45.572	+ 4.76	− 48.1	20 8 16.44	− 3.01	− 1 17 37.2	−23.3
2	α² Capricorni............	7	12 46.46	− 0.07	− **2.79**	308 11 55.35	44.640	+ 4.75	−1 12.1	20 12 43.69	....	−12 50 23.6	....
3	π Capricorni............	7	21 52.34	− 0.12	− **2.74**	302 31 55.28	42.560	+ 4.74	−1 28.9	20 21 49.52	....	−18 31 28.3	....
4	ε Delphini...............	7	28 40.41	+ 0.08	− **2.70**	331 59 57.05	46.045	+ 4.74	− 30.2	20 28 37.79	....	+10 58 51.7	....
5	29 Vulpeculæ............	7	34 16.92	+ 0.14	− 2.70	341 53 58.00	43.630	+ 4.73	− 18.6	20 34 14.36	− 3.00	+20 52 9.0	−29.4
6	δ Delphni	7	39 1.51	+ 0.10	− 2.70	335 45 56.72	43.802	+ 4.72	− 25.6	20 38 58.91	− 3.05	+14 44 4.7	−28.2
7	λ Cygnii..................	7	43 43.34	+ 0.24	− 2.70	357 9 58.25	44.105	+ 4.72	− 2.8	20 43 40.88	....	+36 8 35.9	....
8	32 Vulpeculæ............	7	50 31.15	+ 0.18	− **2.66**	348 42	......	....	....	20 50 28.63	....	+27 42	....
	September 25, Ei.-Y.												
9	α Aquarii...............	7	0 54.26	+ 0.01	− **2.67**	320 13 54.65	47.185	+ 4.61	− 47.5	22 0 51.62	....	− 0 47 2.1	....
10	ι Pegasi.................	7	2 35.70	+ 0.17	− **2.57**	345 53 55.35	45.240	+ 4.60	− 14.3	22 2 33.22	....	+24 52 47.3	....
11	θ Pegasi.................	7	5 24.50	+ 0.05	− **2.63**	326 45 54.42	43.440	+ 4.60	− 37.4	22 5 21.90	....	+ 5 43 42.2	....
12	B. D.−12°6209.........	7	8 21.48	− 0.06	− 2.65	308 37 54.10	45.895	+ 4.59	−1 11.4	22 8 18.77	− 3.47	−12 23 56.0	−23.7
13	θ Aquarii...............	7	11 49.14	− 0.04	− **2.66**	312 45 53.60	46.470	+ 4.58	−1 1.7	22 11 46.45	....	− 8 15 33.6	....
14	B. D.−12°6243.........	7	15 11.66	− 0.06	− 2.66	308 19 40.88	46.020	+ 4.57	−1 12.2	22 15 8.94	− 3.48	−12 42 7.1	−23.7
15	B. D.−10°5904.........	7	19 6.01	− 0.05	− 2.66	310 19 52.70	48.520	+ 4.56	−1 7.2	22 19 3.30	− 3.48	−10 40 53.2	−24.1
16	B. D.−11°5833.........	7	21 38.81	− 0.06	− 2.66	309 17 53.55	48.640	+ 4.56	−1 9.7	22 21 36.09	− 3.49	−11 42 52.1	−23.9
17	B. D.−15°6231.........	7	25 11.76	− 0.08	− 2.66	305 57 53.58	44.728	+ 4.55	−1 18.7	22 25 9.02	− 3.51	−15 4 30.5	−23.4
18.	B. D.− 2°5781.........	7	29 9.11	0.00	− 2.66	318 57 54.78	44.830	+ 4.54	− 49.8	22 29 6.45	− 3.50	− 2 3 58.1	−25.5
19	κ Aquarii...............	7	32 50.24	− 0.01	− 2.66	316 17 52.98	46.950	+ 4.53	− 54.6	22 32 47.57	− 3.50	− 4 43 16.3	−25.0
20	B. D.− 9°6037.........	7	38 0.61	− 0.04	− 2.66	311 21 51.70	47.440	+ 4.51	−1 4.9	22 37 57.91	− 3.51	− 9 39 16.6	−24.3
21	B. D.−12°6342.........	7	41 6.54	− 0.06	− 2.66	308 59 52.98	44.340	+ 4.51	−1 10.6	22 41 3.82	− 3.52	−12 2 31.9	−24.0
22	B. D.− 8°5952.........	7	43 24.48	− 0.04	− 2.66	312 23 52.25	47.912	+ 4.50	−1 2.6	22 43 21.78	− 3.52	− 8 37 3.0	−24.5
23	B. D.−10°6008.........	7	47 45.85	− 0.05	− 2.66	310 27 55.85	45.322	+ 4.49	−1 7.0	22 47 43.14	− 3.52	−10 34 3.0	−24.2
24	94 H¹. Aquarii	7	50 15.42	− 0.02	− 2.66	315 31 57.42	45.308	+ 4.48	− 56.1	22 50 12.74	− 3.53	− 5 29 50.9	−24.8
25	B. D.− 3°5539.........	7	53 22.01	0.00	− 2.66	318 5 57.95	48.922	+ 4.48	− 51.3	22 53 19.35	− 3.54	− 2 54 23.0	−25.1
26	B. D.− 7°5910.........	7	56 27.47	− 0.03	− 2.66	313 25 55.58	49.155	+ 4.47	−1 0.4	22 56 24.78	− 3.54	− 7 34 29.1	−24.5
27	B. D.−12°6413.........	7	59 31.16	− 0.06	− 2.66	308 19 55.25	46.512	+ 4.46	−1 12.3	22 59 28.44	− 3.53	−12 41 41.8	−23.9
28	B. D.− 9°6123.........	7	2 20.17	− 0.04	− 2.66	311 41 54.82	45.618	+ 4.45	−1 4.2	23 2 17.47	− 3.54	− 9 19 54.5	−24.3
29	B. D.−14°6413.........	7	5 21.24	− 0.07	− 2.66	306 51 56.55	46.152	+ 4.45	−1 16.3	23 5 18.51	− 3.53	−14 9 52.7	−23.7
30	B. D.− 3°5592.........	7	9 13.26	0.00	− 2.66	317 51 58.38	46.482	+ 4.44	− 51.8	23 9 10.60	− 3.56	− 3 9 18.9	−24.8
31	ψ¹ Aquarii...............	7	10 54.86	− 0.04	− 2.66	311 23 55.42	49.145	+ 4.43	−1 4.9	23 10 52.16	− 3.54	− 9 36 34.1	−24.2
32	B. D.− 1°4443.........	7	24 38.10	+ 0.01	− 2.66	319 27 58.50	45.210	+ 4.40	− 49.0	23 24 35.45	− 3.59	− 1 33 45.0	−24.6
33	B. D.−11°6098.........	7	27 30.68	− 0.06	− 2.66	309 29 55.88	46.460	+ 4.39	−1 9.4	23 27 27.96	− 3.54	−11 31 39.5	−23.8
34	B. D.+ 0°5018.........	7	30 37.26	+ 0.02	− 2.66	321 47 59.12	47.165	+ 4.38	− 45.1	23 30 34.62	− 3.61	+ 0 47 4.1	−24.6
35	B. D.− 1°4469.........	7	34 52.56	+ 0.01	− 2.66	319 43 55.78	49.268	+ 4.38	− 48.5	23 34 49.91	− 3.60	− 1 16 14.6	−24.4
36	B. D.− 3°5688.........	7	36 21.05	0.00	− 2.66	317 37 56.90	46.450	+ 4.37	− 52.3	23 36 18.39	− 3.58	− 3 23 21.6	−24.2
37	19 Piscium...............	7	41 32.38	+ 0.04	− 2.66	323 58 0.22	47.700	+ 4.36	− 41.7	23 41 29.76	− 3.64	+ 2 57 20.8	−24.3
38	B. D.+ 5°5224.........	7	45 23.15	+ 0.06	− 2.66	327 1 57.00	45.462	+ 4.35	− 37.2	23 45 20.55	− 3.68	+ 6 0 30.9	−24.3
39	B. D.− 2°6059.........	7	49 46.61	0.00	− 2.66	318 31 59.20	47.972	+ 4.34	− 50.6	23 49 43.95	− 3.60	− 2 28 42.9	−23.9
40	ω Piscium...............	7	54 26.12	+ 0.06	− **2.67**	327 21 59.02	43.975	+ 4.32	− 36.7	23 54 23.52	....	+ 6 19 59.4	....
41	B. D.− 3°5749.........	7	56 57.40	0.00	− 2.66	317 27 56.10	45.798	+ 4.32	− 52.6	23 56 54.74	− 3.59	− 3 33 37.7	−23.6
42	B. D.− 1°4525.........	7	0 11.71	+ 0.01	− 2.66	319 59 56.85	44.340	+ 4.31	− 48.1	0 0 9.06	− 3.61	− 1 2 5.8	−23.5
43	5 Ceti.....................	7	3 20.34	0.00	− 2.66	318 1 57.12	47.788	+ 4.30	− 51.5	0 3 17.68	− 3.59	− 2 58 50.1	−23.4
44	B. D.+ 7°13...........	7	6 23.27	+ 0.06	− 2.67	328 25 56.75	46.475	+ 4.29	− 35.2	0 6 20.66	− 3.71	+ 7 24 55.8	−23.3
45	B. D.+ 3°26...........	7	11 4.84	+ 0.04	− 2.67	324 43 56.80	47.280	+ 4.28	− 40.5	0 11 2.21	− 3.66	+ 3 43 8.9	−23.1
46	ι Celi.....................	7	14 35.39	− 0.04	− **2.64**	311 39 52.18	47.290	+ 4.27	−1 4.4	0 14 32.68	....	− 9 21 19.3	....
47	44 Piscium...............	7	20 32.07	+ 0.03	− **2.65**	322 25 59.85	45.750	+ 4.26	− 44.1	0 20 29.43	....	+ 1 24 33.4	....
48	υ Piscium...............	7	14 14.54	+ 0.18	− **2.58**	347 45 59.45	47.025	+ 4.15	− 12.4	1 14 12.05	....	+26 45 33.7	....
49	θ Ceti.....................	7	19 16.64	− 0.03	− **2.67**	312 21 53.35	43.602	+ 4.14	−1 3.0	1 19 13.94	....	− 8 40 41.2	....
50	B. D.+ 7°213.........	7	23 23.90	+ 0.07	− 2.67	328 29 55.60	43.725	+ 4.14	− 35.2	1 23 21.30	− 3.69	+ 7 27 51.6	−18.6
51	B. D.+10°197.........	7	26 41.33	+ 0.09	− 2.67	331 25 56.20	43.000	+ 4.13	− 31.3	1 26 38.75	− 3.74	+10 23 39.5	−18.0
52	B. D.+11°201.........	7	29 48.66	+ 0.10	− 2.67	333 5 59.42	43.720	+ 4.13	− 29.1	1 29 46.09	− 3.77	+12 4 1.4	−17.5
53	B. D.+ 7°240.........	7	31 44.73	+ 0.07	− 2.67	328 21 56.78	45.325	+ 4.12	− 35.3	1 31 42.13	− 3.77	+ 7 20 29.2	−18.0
54	B. D.+14°250.........	7	34 37.64	+ 0.12	− 2.67	335 58 0.98	44.058	+ 4.12	− 25.6	1 34 35.09	− 3.83	+14 56 14.2	−16.7
55	B. D.+11°221.........	7	37 58.68	+ 0.10	− 2.67	333 5 58.25	46.368	+ 4.11	− 29.1	1 37 56.11	− 3.76	+12 5 0.7	−16.9
56	B. D.+12°232.........	7	42 31.39	+ 0.10	− 2.67	333 43 57.28	45.468	+ 4.11	− 28.3	1 42 28.82	− 3.77	+12 42 40.0	−16.4
57	B. D.+ 3°249.........	7	46 4.54	+ 0.05	− 2.67	324 45 56.90	46.335	+ 4.10	− 40.6	1 46 1.92	− 3.58	+ 3 44 47.1	−17.5
58	B. D.+ 9°236.........	7	49 9.34	+ 0.08	− 2.67	330 29 56.70	46.028	+ 4.10	− 32.5	1 49 6.75	− 3.68	+ 9 28 48.0	−16.4

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
25 20 26	29.90	58.8	58.1	1, 2. Bisections at VI, VII.					
20 54	29.91	58.3	57.2						
22 0	.....	....	56.0						
22 6	29.92	57.0	....						
22 27	.....	....	55.2						
22 51	29.92	56.0	54.9						
23 23	.....	....	54.1						
23 46	29.92	55.2	54.0						
0 19	.....	....	53.5						
0 57	29.92	55.0	53.2						
1 13	.....	....	53.2						
1 39	29.92	54.5	53.0						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+11°261........	7	54 20.48	+ 0.10	− 2.67	332 51 56.82	43.100	+ 4.09	− 29.5	1 54 17.91	− 3.73	+11 49 44.2	−15.6
2	B. D.+ 7°313........	7	56 51.15	+ 0.08	− 2.68	328 25 58.88	44.250	+ 4.09	− 35.3	1 56 48.55	− 3.63	+ 7 24 6.8	−16.2
3	B. D.+19°324........	7	1 0.13	+ 0.15	− 2.68	341 9 57.88	43.315	+ 4.08	− 19.6	2 0 57.60	− 3.92	+20 8 0.0	−13.5
4	B. D.+10°293........	7	3 2.21	+ 0.10	− 2.68	331 43 56.85	49.135	+ 4.08	− 30.9	2 2 59.63	− 3.68	+10 44 0.7	−15.1
5	B. D.+20°341........	7	6 2.90	+ 0.16	− 2.68	341 55 58.65	47.102	+ 4.07	− 18.7	2 6 0.38	− 3.94	+20 55 28.2	−12.9
6	B. D.+18°283........	7	8 35.11	+ 0.15	− 2.68	340 11 58.82	42.938	+ 4.07	− 20.7	2 8 32.58	− 3.88	+19 9 51.3	−13.0
7	B. D.+17°339........	7	12 29.72	+ 0.14	− 2.68	339 1 59.00	44.832	+ 4.06	− 22.0	2 12 27.18	− 3.84	+18 0 33.4	−12.9
8	B. D.+ 9°306........	7	15 48.15	+ 0.09	− 2.68	330 35 55.95	43.920	+ 4.06	− 32.4	2 15 45.56	− 3.63	+ 9 33 59.1	−14.3
9	B. D.+20°388........	7	18 26.89	+ 0.16	− 2.68	341 59 58.45	44.875	+ 4.05	− 18.7	2 18 24.37	− 3.91	+20 58 37.1	−11.7
10	B. D.+12°332........	7	21 17.91	+ 0.11	− 2.68	333 29 57.18	43.582	+ 4.05	− 28.7	2 21 15.34	− 3.68	+12 27 56.3	−13.3
11	B. D.+14°408........	7	23 41.99	+ 0.13	− 2.68	336 11 57.62	44.238	+ 4.05	− 25.4	2 23 39.44	− 3.74	+15 10 15.1	−12.5
12	B. D.+12°346........	7	27 2.24	+ 0.11	− 2.68	333 15 56.90	48.245	+ 4.04	− 28.9	2 26 59.67	− 3.66	+12 15 42.4	−12.8
13	B. D.+13°411........	7	30 49.89	+ 0.12	− 2.68	334 21 59.22	43.938	+ 4.03	− 27.6	2 30 47.33	− 3.68	+13 20 7.6	−12.3
14	B. D.+22°375........	7	32 23.11	+ 0.17	− 2.68	343 43 58.70	44.965	+ 4.03	− 16.8	2 32 20.60	− 3.93	+22 42 41.3	−10.0
15	B. D.+15°367........	7	35 25.33	+ 0.13	− 2.68	336 17 57.78	44.690	+ 4.03	− 25.3	2 35 22.78	− 3.71	+15 16 25.6	−11.4
16	B. D.+11°377........	7	39 46.60	+ 0.11	− 2.68	333 3 56.90	45.030	+ 4.02	− 29.2	2 39 44.03	− 3.62	+12 2 28.6	−11.8
17	B. D.+18°347 (*fol.*)....	7	42 5.21	+ 0.15	− 2.68	339 59 58.75	44.268	+ 4.02	− 20.9	2 42 2.68	− 3.79	+18 58 21.3	− 9.9
18	B. D.+21°380........	7	45 7.35	+ 0.17	− 2.68	342 43 59.58	45.635	+ 4.01	− 17.9	2 45 4.84	− 3.86	+21 42 56.4	− 9.0
19	B. D.+10°388........	7	49 11.44	+ 0.11	− 2.68	331 55 56.18	46.668	+ 4.01	− 30.7	2 49 8.87	− 3.56	+10 55 3.8	−11.2
20	B. D.+17°458........	7	51 3.81	+ 0.15	− 2.68	338 39 57.58	44.382	+ 4.00	− 22.5	2 51 1.28	− 3.73	+17 38 21.2	− 9.4
21	ε Arietis (*mean*)........	7	53 46.14	+ 0.17	− **2.69**	341 57 58.60	46.725	+ 4.00	− 18.7	2 53 43.63	....	+20 57 19.5	....
22	B. D.+16°380........	7	57 32.99	+ 0.15	− 2.68	338 11 56.70	46.735	+ 3.99	− 23.0	2 57 30.46	− 3.69	+17 11 13.5	− 9.0
23	B. D.+12°436........	7	1 10.29	+ 0.12	− 2.68	333 49 56.05	46.320	+ 3.99	− 28.3	3 1 7.73	− 3.57	+12 48 58.1	− 9.7
24	B. D.+13°519........	7	5 30.16	+ 0.13	− 2.68	334 59 58.50	45.490	+ 3.98	− 26.8	3 5 27.61	− 3.58	+13 58 43.1	− 9.1
25	B. D.+15°450........	7	8 49.78	+ 0.14	− 2.68	336 15 59.32	43.138	+ 3.98	− 25.3	3 8 47.24	− 3.60	+15 13 51.6	− 8.4
26	B. D.+14°550........	7	13 8.91	+ 0.14	− 2.68	335 51 55.98	43.618	+ 3.97	− 25.8	3 13 6.37	− 3.58	+14 49 58.8	− 8.1
27	τ¹ Arietis................	7	15 43.70	+ 0.17	− **2.62**	341 49 56.45	43.320	+ 3.97	− 18.9	3 15 41.19	....	+20 47 59.3	....
28	B. D.+21°447........	7	19 2.34	+ 0.18	− 2.68	342 43 58.15	43.012	+ 3.96	− 17.9	3 18 59.84	− 3.74	+21 41 55.0	− 5.7
29	B. D.+20°573........	7	23 18.40	+ 0.17	− 2.68	341 17 59.10	46.965	+ 3.95	− 19.5	3 23 15.89	− 3.68	+20 17 24.6	− 5.7
30	*f* Tauri................	7	25 37.04	+ 0.12	− **2.68**	333 37 57.25	44.840	+ 3.95	− 28.5	3 25 34.48	....	+12 36 25.3	....
31	ε Eridani..............	7	28 27.29	− 0.01	− **2.72**	311 13 56.22	48.132	+ 3.95	−1 5.6	3 28 24.60	....	− 9 46 57.6	....
	September 25, L.												
32	μ Eridani..............	7	40 44.79	+ 0.05	− **2.93**	317 35 54.22	45.442	+ 4.08	− 52.6	4 40 41.94	....	− 3 25 47.9	....
33	9 Camelopardalis.......	7	44 32.51	+ 0.74	− 2.90	27 11 57.20	42.440	+ 4.08	+ 29.8	4 44 30.35	....	+66 10 28.5	....
34	π⁵ Orionis..............	7	49 17.61	+ 0.09	− **2.93**	323 17 54.60	47.148	+ 4.08	− 43.0	4 49 14.80	....	+ 2 17 1.0	....
35	10 Camelopardalis.......	7	54 54.71	+ 0.60	− 2.90	21 17 57.28	46.265	+ 4.08	+ 22.6	4 54 52.41	....	+60 17 48.8	....
36	11 Orionis..............	7	59 7.37	+ 0.16	− **2.90**	336 17 55.60	44.108	+ 4.08	− 25.3	4 59 4.63	....	+15 16 10.2	....
37	19 H. Camelopardalis....	7	6 45.10	+ 1.56	− 2.90	40 7 58.65	42.652	+ 4.08	+ 48.8	5 6 43.76	....	+79 6 53.9	....
38	τ Orionis..............	7	12 59.25	+ 0.03	− **2.94**	314 3 53.12	48.328	+ 4.08	− 59.5	5 12 56.38	....	− 6 56 50.0	....
39	o Orionis..............	7	16 54.11	+ 0.07	− 2.90	320 31 53.10	48.362	+ 4.08	− 47.5	5 16 51.28	− 2.64	− 0 28 37.5	− 2.6
40	γ Orionis..............	7	20 1.31	+ 0.11	− **2.95**	327 17 54.85	43.598	+ 4.08	− 37.0	5 19 58.52	....	+ 6 15 46.1	....
41	β Leporis..............	7	24 10.59	− 0.06	− 2.90	300 11 53.00	46.915	+ 4.08	−1 38.8	5 24 7.63	− 2.21	−20 50 1.7	− 8.0
42	α Leporis..............	7	28 32.31	− 0.04	− **2.88**	303 7 53.38	48.228	+ 4.08	−1 28.1	5 28 29.37	....	−17 53 20.8	....
43	ζ Tauri................	7	31 56.59	+ 0.20	− **2.91**	342 5 56.32	45.872	+ 4.08	− 18.6	5 31 53.89	....	+21 4 57.9	....
44	ω Draconis S. P.........	7	37 33.64	− 0.60	− 2.90	72 9 58.10	43.496	+ 4.08	+2 58.5	17 37 30.14	....	+68 48 37.2	....
45	ν Aurigæ................	7	44 52.03	+ 0.32	− 2.90	0 7 57.68	45.135	+ 4.08	+ 0.2	5 44 49.45	....	+39 7 1.2	....
46	δ Aurigæ................	7	51 38.86	+ 0.50	− 2.90	15 17 57.48	42.742	+ 4.08	+ 15.9	5 51 36.46	....	+54 16 22.0	....
47	1 Geminorum............	7	58 19.01	+ 0.21	− **2.88**	344 17 56.32	43.308	+ 4.08	− 16.2	5 58 16.32	....	+23 16 1.7	....
48	ν Orionis..............	7	2 7.43	+ 0.16	[− **2.85**]	335 47 53.55	45.785	+ 4.08	− 25.9	6 2 4.69	....	+14 46 45.9	....
49	22 H. Camelopardalis....	7	8 16.64	+ 0.85	− 2.90	30 21 57.10	43.355	+ 4.08	+ 34.0	6 8 14.59	....	+69 20 53.9	....
50	ζ Canis Majoris.........	7	16 40.13	− 0.14	− 2.90	291 1 52.20	46.355	+ 4.08	−2 28.9	6 16 37.09	....	−30 1 5.3	....
51	χ Draconis S. P.	7	22 51.59	− 0.78	− 2.90	68 17 57.85	41.531	+ 4.08	+2 24.8	18 22 47.91	....	+72 41 56.0	....
52	13 Monocerotis..........	7	27 44.67	+ 0.12	− 2.91	328 25 51.52	44.822	+ 4.08	− 35.5	6 27 41.88	− 2.40	+ 7 24 12.3	+ 4.9
53	γ Geminorum............	7	32 11.75	+ 0.17	[− **2.84**]	337 29 53.75	45.868	+ 4.08	− 23.9	6 32 9.01	....	+16 28 50.2	....
54	ε Geminorum............	7	38 3.19	+ 0.22	[− **2.86**]	346 13 56.60	47.045	+ 4.08	− 14.1	6 38 0.50	....	+25 13 29.5	....
55	θ Geminorum............	7	46 29.17	+ 0.28	− 2.91	255 5 57.15	44.002	+ 4.08	− 4.9	6 46 26.54	....	+34 4 29.4	....
56	ε Canis Majoris.........	7	54 53.47	− 0.13	− 2.91	292 11 51.18	48.074	+ 4.08	−2 20.3	6 54 50.43	....	−28 50 18.4	....
57	ζ Geminorum............	7	58 26.51	+ 0.20	[− **2.88**]	341 43 54.75	45.070	+ 4.08	− 19.0	6 58 23.80	....	+20 42 37.6	....
58	δ Canis Majoris.........	7	4 31.53	− 0.11	− 2.91	294 47 53.45	47.369	+ 4.08	−2 4.1	7 4 28.51	....	−26 14 16.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 2 11	......	....	52.8
2 37	29.93	54.0	52.4
3 3	......	....	52.1
3 30	29.935	53.5	52.0
4 41	29.95	53.6	51.7
5 7	......	....	51.7
5 45	29.96	52.8	51.2
6 8	......	....	51.0
6 17	......	....	51.2
6 38	29.97	52.8	51.2
6 58	......	....	51.7

Micrometer bisections are made at II, VI, except as noted below.

2, 6, 34. Bisections at II, VII.
37. Bisections at III, V.
39, 42, 55. Bisections at I, II.
44, 51. Bisections at II, III, V, VI.
46. Bisections at III, VI.
49. Bisection at V.
50, 56, 58. Bisections at I, II, VI, VII.
53. Bisections at VI, VII.

Notes.

10. Micrometer reading increased 10 rev.
43, 49. Clouds.
44. Unsteady.
51. Very unsteady; clouds.
56. Through clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Geminorum	7	12 36.11	+ 0.17	[– **2.84**]	337 43 53.72	45.755	+ 4.08	– 23.6	7 12 33.37	.....	+16 42 47.7	....
2	ι Geminorum	7	19 47.19	+ 0.24	[– **2.86**]	348 59 55.98	46.328	+ 4.08	– 11.2	7 19 44.52	.....	+27 59 15.4	....
3	α Geminorum (*fol.*)	7	28 29.73	+ 0.27	– 2.91	353 7 57.05	42.462	+ 4.08	– 6.9	7 28 27.09	.....	+32 5 52.4	....
4	α Canis Minoris	7	34 18.32	+ 0.11	– 2.91	326 29 53.70	45.090	+ 4.08	– 38.1	7 34 15.52	.....	+ 5 28 18.0	....
5	β Geminorum	7	39 27.75	+ 0.24	[– **2.87**]	349 15 57.82	46.678	+ 4.08	– 10.9	7 39 25.08	.....	+28 15 25.5	....
6	Venus II	7	6 32.20	+ 0.06	– 2.91	318 14	......	....	. ....	11 6 29.35	– 1.96	.. ..	....
	September 26, L.												
7	Sun I, S.	7	7 51.96	+ 0.07	– 2.92	319 47 54.95	45.058	+ 4.77	– 47.0	12 7 49.11	+64.15	– 1 13 50.2	....
8	Sun II, N.	7	10 0.27	+ 0.07	– 2.92	320 19 53.52	44.863	+ 4.77	– 46.1	12 9 57.42	–64.16	– 0 41 54.2	....
9	Moon I, N.	7	52 28.66	– 0.16	– 2.92	302 51 50.98	44.534	+ 6.06	–1 25.4	16 52 25.58	+65.99	–18 10 42.7	....
10	4 H. Scuti	7	37 3.44	– 0.10	– **2.86**	311 53 50.50	44.188	+ 6.06	–1 2.1	18 37 0.41	.....	– 9 8 27.8	....
11	ε^2 Lyræ (*mean*)	7	41 14.53	+ 0.17	– 2.93	0 31 54.85	45.532	+ 6.06	+ 0.6	18 41 11.77	– 1.83	+39 31 9.8	–29.5
12	β Lyræ	7	46 34.78	+ 0.12	– 2.93	354 15 55.55	46.655	+ 6.06	– 5.5	18 46 31.97	.....	+33 15 30.1	....
13	51 H. Cephei s. p.	7	55 36.59	– 4.77	– 2.93	53 47 58.00	45.405	+ 6.06	+1 16.5	6 55 28.89	.....	+87 11 33.8	....
14	ζ Aquilæ	7	1 2.52	+ 0.02	– **2.97**	334 43 53.25	47.860	+ 6.06	– 26.3	19 0 59.61	.....	+13 43 34.6	....
15	21 Aquilæ	7	8 54.83	– 0.04	– 2.94	323 9 51.88	44.725	+ 6.06	– 41.8	19 8 51.85	– 2.65	+ 2 8 5.8	–21.7
16	d Sagittarii	7	12 3.76	– 0.16	– **2.98**	301 53 49.78	48.512	+ 6.06	–1 29.5	19 12 0.66	.....	–19 7 17.3	....
17	λ Ursæ Minoris	6	18 28.87	+13.36	– 2.94	49 59 56.90	45.150	+ 6.06	+1 6.9	19 18 39.29	.....	+89 0 9.1	....
18	κ Aquilæ	7	31 46.38	– 0.09	– **2.94**	313 47 52.15	44.505	+ 6.06	– 58.4	19 31 43.35	.....	– 7 14 15.2	....
19	β Sagittæ	7	36 47.07	+ 0.04	– **2.93**	338 15 54.45	47.562	+ 6.06	– 22.3	19 36 44.17	.....	+17 15 33.0	....
20	γ Aquilæ	7	41 44.59	0.00	– **2.94**	331 23 52.55	46.670	+ 6.06	– 30.5	19 41 41.65	.....	+10 23 2.5	....
21	α Aquilæ	7	46 8.82	– 0.01	– **2.91**	329 37 53.90	47.062	+ 6.06	– 32.8	19 46 5.87	.....	+ 8 37 10.5	....
22	φ Aquilæ	7	51 44.40	+ 0.01	– 2.94	332 11 52.40	44.992	+ 6.06	– 29.6	19 51 41.47	– 2.79	+11 10 24.9	–26.2
23	63 Sagittarii	7	56 38.82	– 0.13	– 2.94	307 7 51.38	45.812	+ 6.06	–1 14.0	19 56 35.75	– 3.10	–13 54 1.7	–19.0
24	3 H. Ursæ Majoris s. p.	7	3 15.99	– 0.61	– 2.94	72 11 57.20	47.650	+ 6.06	+2 54.0	8 3 12.44	.....	+68 45 5.7	....
25	66 Aquilæ	7	8 19.41	– 0.06	– 2.94	319 43 53.30	45.685	+ 6.06	– 47.5	20 8 16.41	– 3.00	– 1 17 36.2	–23.4
26	α^2 Capricorni	7	12 46.72	– 0.12	– **3.01**	308 11 51.72	44.720	+ 6.06	–1 11.3	20 12 43.66	.....	–12 50 23.6	....
27	176 B. Cygni	7	16 49.85	+ 0.16	– 2.94	0 5 54.68	48.752	+ 6.06	+ 0.2	20 16 47.07	– 2.78	+39 6 22.8	–32.4
28	π Capricorni	7	21 52.58	– 0.16	– **2.95**	302 31 50.25	42.680	+ 6.06	–1 27.9	20 21 49.48	.....	–18 31 28.3	....
29	ε Delphini	7	28 40.68	0.00	– **2.91**	331 59 50.75	46.272	+ 6.06	– 29.9	20 28 37.74	.....	+10 58 52.2	....
30	29 Vulpeculæ	6	34 17.27	+ 0.06	– 2.94	341 53 53.48	43.775	+ 6.06	– 18.4	20 34 14.39	– 2.98	+20 52 9.3	–29.5
31	δ Delphini	.	.. ..	....	....	335 45 52.28	43.950	+ 6.06	– 25.3	20 38	.....	+14 44 5.0	–28.3
32	μ Aquarii	7	47 31.68	– 0.10	– **2.96**	311 41 50.68	44.215	+ 6.06	–1 3.0	20 47 28.64	.....	– 9 20 28.2	....
33	32 Vulpeculæ	7	50 31.44	+ 0.09	– **2.87**	348 41 55.00	47.890	+ 6.06	– 11.2	20 50 28.59	.....	+27 41 52.1	....
34	f^1 Cygni	7	56 37.55	+ 0.23	– 2.94	8 9 54.45	45.090	+ 6.06	+ 8.2	20 56 34.84	– 3.22	+47 9 6.5	–33.0
35	θ Capricorni	7	0 36.24	– 0.15	– **2.98**	303 25 49.82	44.470	+ 6.06	–1 25.0	21 0 33.14	.....	–17 36 44.9	....
36	γ Equulei	7	5 43.72	0.00	– 2.95	330 45 52.40	46.415	+ 6.06	– 31.5	21 5 40.77	– 3.20	+ 9 44 55.5	–27.6
37	α Equulei	7	11 4.75	– 0.03	– **2.95**	325 51 51.98	47.592	+ 6.06	– 38.1	21 11 1.77	.....	+ 4 51 15.4	....
	September 27, L.												
38	ο Orionis	7	16 54.39	+ 0.03	– 3.17	320 31 51.68	48.298	+ 6.32	– 47.3	5 16 51.25	– 2.70	– 0 28 37.5	– 2.6
39	γ Orionis	7	20 1.60	+ 0.07	– **3.14**	327 17 52.58	43.588	+ 6.31	– 36.9	5 19 58.50	.....	+ 6 15 46.2	....
40	β Leporis	7	24 10.93	– 0.10	– 3.17	300 11 49.58	46.953	+ 6.29	–1 38.5	5 24 7.66	– 2.27	–20 50 1.6	– 7.9
41	α Leporis	7	28 32.76	– 0.08	– **3.23**	303 7 50.45	48.272	+ 6.28	–1 27.9	5 28 29.51	.....	–17 53 20.2	....
42	ζ Tauri	7	31 56.91	+ 0.16	– **3.13**	342 5 53.60	45.920	+ 6.26	– 18.6	5 31 53.90	.....	+21 4 58.5	....
43	ω Draconis s. p.	7	37 33.81	– 0.62	– 3.17	72 9 55.12	43.575	+ 6.24	+2 58.1	17 37 30.02	.....	+68 48 36.6	....
44	ν Aurigæ	7	44 52.39	+ 0.28	– 3.17	0 7 53.88	45.260	+ 6.21	+ 0.2	5 44 49.50	.....	+39 7 2.3	....
45	δ Aurigæ	7	51 39.25	+ 0.45	– 3.17	15 17 55.70	42.735	+ 6.19	+ 15.9	5 51 36.53	.....	+54 16 22.1	....
46	1 Geminorum	7	58 19.42	+ 0.17	– **3.18**	344 17 53.40	43.310	+ 6.16	– 16.2	5 58 16.42	.....	+23 16 0.9	....
47	δ Ursæ Minoris s. p.	7	3 25.00	– 4.46	– 3.17	54 21 56.70	46.093	+ 6.14	+1 20.7	18 3 17.37	.....	+86 37 15.1	....
48	2 Lyncis	7	11 10.69	+ 0.53	– 3.17	20 3 54.75	42.725	+ 6.11	+ 21.2	6 11 8.05	– 4.14	+59 2 26.1	+21.4
49	ζ Canis Majoris	7	16 40.54	– 0.18	– 3.17	291 1 50.70	46.349	+ 6.09	–2 28.8	6 16 37.19	.....	–30 1 4.8	....
50	λ Draconis s. p.	7	22 51.80	– 0.80	– 3.17	68 17 57.22	41.515	+ 6.07	+2 24.8	18 22 47.83	.....	+72 41 55.0	....
51	13 Monocerotis	7	27 45.06	+ 0.08	– 3.18	328 25 50.92	44.770	+ 6.05	– 35.5	6 27 41.96	– 2.45	+ 7 24 12.4	+ 4.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 7 28	......	....	52.7
7 39	29.98	53.8	53.2
26 12 10	29.98	69.0	70.4
16 52	29.91	72.4	72.1
18 37	29.90	68.9	67.7
19 1	......	....	66.8
19 32	29.92	66.2	65.7
19 52	......	....	65.0
20 8	......	....	64.3
20 29	29.91	65.0	64.0
20 48	......	....	63.9
21 11	29.905	64.1	63.2
27 5 17	29.95	55.0	53.1
5 45	......	....	51.7
6 11	29.975	53.6	51.8

Micrometer bisections are made at II, VI, except as noted below.

7. Bisections at I, II, III.
8. Bisections at V, VI, VII.
9. Bisections at II, III, IV, V, VI.
13, 17, 47. Bisections at b_3, b_5, b_7.
15, 16, 32, 34. Bisections at I, II.
24, 43, 50. Bisections at II, III, V, VI.
31. Bisection at II.
38. Bisections at V, VI.
39. Bisections at VI, VII.
40. Bisections at II, VI, VII.
41. Bisections at I, II, VI.
49. Bisections at I, II, VI, VII.

Notes.

4, 5, 30. Through clouds.
11. Assumed that mean was observed.
24. Very unsteady.
35. Very faint.
38–51. Images diffuse and unsteady.
41. Micrometer reading increased 1 rev.
44. Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr:	Sum.
	′ ″	′ ″	″	′ ″
7	+ 5.6	+15 58.0	...	+16 3.6
8	+ 5.6	–15 58.0	...	–15 52.4
9	+46 27.4	–15 9.3	...	+31 18.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Geminorum	7	32 12.10	+ 0.13	[− **3.09**]	337 29 50.42	45.922	+ 6.03	− 23.9	6 32 9.05	.....	+16 28 49.8	....
2	ε Geminorum	7	38 3.56	+ 0.18	[− **3.13**]	346 13 53.32	47.080	+ 6.01	− 14.1	6 38 0.56	.....	+25 13 29.2	....
3	18 Monocerotis	7	42 53.56	+ 0.05	− 3.18	323 31 52.08	47.348	+ 5.99	− 42.7	6 42 50.43	.....	+ 2 31 5.2	....
4	θ Geminorum	7	46 29.54	+ 0.24	− 3.18	355 5 52.70	44.132	+ 5.97	− 4.9	6 46 26.60	.....	+34 4 30.1	....
5	θ Canis Majoris	7	49 46.20	− 0.04	[− **3.11**]	309 5 50.62	48.428	+ 5.96	−1 11.0	6 49 42.98	.....	−11 54 59.5	....
6	ε Canis Majoris	7	54 53.85	− 0.17	− 3.18	292 11 50.92	48.046	+ 5.94	−2 20.5	6 54 50.50	.....	−28 50 17.7	....
7	ζ Geminorum	7	58 26.89	+ 0.15	[− **3.15**]	341 43 53.12	45.060	+ 5.93	− 19.1	6 58 23.86	.....	+20 42 37.5	....
8	δ Canis Majoris	7	4 31.79	− 0.15	− 3.18	294 47 51.28	47.481	+ 5.91	−2 4.2	7 4 28.46	.....	−26 14 13.9	....
9	λ Geminorum	7	12 36.47	+ 0.13	[− **3.10**]	337 43 53.28	45.718	+ 5.87	− 23.6	7 12 33.42	.....	+16 42 48.2	....
10	β Canis Minoris	7	21 58.66	+ 0.08	[− **3.09**]	329 29 52.28	46.730	+ 5.84	− 34.0	7 21 55.56	.....	+ 8 28 59.9	....
11	α Geminorum (*fol.*)	7	28 30.04	+ 0.22	− 3.18	353 7 54.25	42.492	+ 5.81	− 6.9	7 28 27.08	.....	+32 5 52.0	....
12	α Canis Minoris	7	34 18.61	+ 0.06	− 3.18	326 29 51.70	45.100	+ 5.79	− 38.2	7 34 15.49	.....	+ 5 28 17.8	....
13	κ Geminorum	7	38 40.71	+ 0.18	[− **3.04**]	345 37 55.02	47.518	+ 5.77	− 14.7	7 38 37.71	.....	+24 37 39.8	....
14	Venus II	7	3 47.24	+ 0.06	− 3.16	318 52	......	....	. ....	11 3 44.14	− 1.93	.. ..	....
	September 28, L.												
15	Sun I, N	7	15 4.48	+ 0.07	− 3.17	319 31 53.98	48.150	+ 6.57	− 48.4	12 15 1.38	+64.24	− 1 28 40.1	....
16	Sun II, S	7	17 12.96	+ 0.07	− 3.17	318 59 53.95	48.192	+ 6.57	− 49.3	12 17 9.86	−64.24	− 2 0 39.1	....
17	δ Ursæ Minoris	7	3 16.14	+ 4.90	− 3.17	47 35 56.62	48.380	+ 5.57	+1 2.8	18 3 17.87	.....	+86 37 18.3	....
18	Moon I, S	7	38 5.76	− 0.11	− 3.17	302 9 49.82	47.444	+ 5.42	−1 30.8	18 38 2.48	+64.75	−18 51 43.4	....
19	β Lyræ	7	46 34.84	+ 0.22	− 3.17	354 15 54.75	46.700	+ 5.39	− 5.7	18 46 31.89	.....	+33 15 29.4	....
20	ξ Sagittarii	7	52 2.88	− 0.13	− 3.17	299 47 51.10	47.533	+ 5.37	−1 39.6	18 51 59.58	− 2.91	−21 13 49.0	−12.8
21	ζ Sagittarii	7	56 33.00	− 0.20	− 3.17	291 1 50.88	46.599	+ 5.35	−2 27.7	18 56 29.63	.....	−30 0 58.6	....
22	ζ Aquilæ	7	1 2.67	+ 0.10	− **3.24**	334 43 53.35	47.920	+ 5.33	− 27.0	19 0 59.60	.....	+13 43 34.6	....
23	21 Aquilæ	7	8 55.06	+ 0.02	− 3.17	323 9 52.70	44.775	+ 5.30	− 42.9	19 8 51.91	− 2.62	+ 2 8 6.2	−21.8
24	ω Aquilæ	7	13 21.41	+ 0.08	− **3.14**	332 25 51.88	48.295	+ 5.28	− 29.9	19 13 18.32	.....	+11 25 38.4	....
25	τ Draconis	7	17 28.36	+ 1.00	− 3.17	34 9 56.72	48.918	+ 5.26	+ 39.1	19 17 26.19	.....	+73 11 6.7	....
26	21 B. Vulpeculæ	7	21 30.30	+ 0.16	− 3.17	345 45 55.08	45.130	+ 5.25	− 14.5	19 21 27.29	− 2.39	+24 44 45.0	−28.6
27	6 Vulpeculæ	7	24 45.59	+ 0.16	− 3.17	345 29 53.95	44.780	+ 5.23	− 14.8	19 24 42.58	.....	+24 28 35.5	....
28	8 Cygni	7	28 15.25	+ 0.23	− 3.17	355 15 52.55	46.305	+ 5.22	− 4.7	19 28 12.31	− 2.32	+34 15 19.0	−30.8
29	κ Aquilæ	7	31 46.54	− 0.03	− **3.20**	313 47 51.98	44.625	+ 5.20	− 59.8	19 31 43.34	.....	− 7 14 14.9	....
30	β Sagittæ	7	36 47.17	+ 0.12	− **3.15**	338 15 53.82	47.660	+ 5.18	− 22.9	19 36 44.12	.....	+17 15 33.1	....
31	γ Aquilæ	7	41 44.71	+ 0.08	− **3.18**	331 23 52.60	46.758	+ 5.16	− 31.3	19 41 41.62	.....	+10 23 2.8	....
32	α Aquilæ	7	46 8.98	+ 0.06	− **3.18**	329 37 53.45	47.168	+ 5.14	− 33.7	19 46 5.87	.....	+ 8 37 10.6	....
33	φ Aquilæ	7	51 44.49	+ 0.08	− 3.17	332 11 52.38	45.060	+ 5.12	− 30.3	19 51 41.40	− 2.75	+11 10 24.8	−26.3
34	63 Sagittarii	7	56 38.97	− 0.08	− 3.18	307 7 51.35	45.948	+ 5.10	−1 15.9	19 56 35.71	− 3.06	−13 54 1.5	−19.0
35	3 H. Ursæ Majoris S. P.	7	3 16.10	− 0.68	− 3.18	72 11 56.50	47.500	+ 5.07	+2 58.8	8 3 12.24	.....	+68 45 6.0	....
36	66 Aquilæ	7	8 19.52	0.00	− 3.18	319 43 52.00	45.840	+ 5.05	− 48.8	20 8 16.34	− 2.96	− 1 17 36.3	−23.4
37	α^2 Capricorni	7	12 46.82	− 0.07	− **3.20**	308 11 51.30	44.875	+ 5.04	−1 13.2	20 12 43.57	.....	−12 50 23.4	....
38	176 B. Cygni	7	16 49.99	+ 0.27	− 3.18	0 5 55.08	48.772	+ 5.02	+ 0.2	20 16 47.08	− 2.73	+39 6 22.6	−32.7
39	π Capricorni	7	21 52.73	− 0.11	− **3.19**	302 31 50.25	42.812	+ 5.00	−1 30.3	20 21 49.44	.....	−18 31 28.8	....
40	42 Cygni	7	25 44.13	+ 0.24	− 3.18	357 9 54.80	43.750	+ 4.98	− 2.8	20 25 41.19	− 2.83	+36 8 24.6	−32.3
41	ε Delphini	7	28 40.83	+ 0.08	− **3.17**	331 59 51.92	46.275	+ 4.97	− 30.7	20 28 37.73	.....	+10 58 51.5	....
42	29 Vulpeculæ	7	34 17.32	+ 0.14	− 3.18	341 53 52.80	43.875	+ 4.95	− 18.9	20 34 14.28	− 2.95	+20 52 9.3	−29.7
43	δ Delphini	7	39 1.97	+ 0.10	− 3.18	335 45 52.65	43.982	+ 4.93	− 26.0	20 38 58.89	− 3.00	+14 44 4.5	−28.5
44	[illegible] H. Cephei	7	43 2.41	+ 0.50	− 3.18	18 13 54.58	48.232	+ 4.91	+ 19.2	20 42 59.73	− 3.10	+57 14 28.5	−34.0
45	μ Aquarii	7	47 31.87	− 0.04	− **3.23**	311 41 50.65	44.322	+ 4.89	−1 4.8	20 47 28.65	.....	− 9 20 28.5	....
	September 28, Ei.-Y.												
46	B. D.−13°6148	7	11 42.99	− 0.07	− 2.98	307 43 51.02	44.660	+ 4.48	−1 14.7	22 11 39.94	− 3.46	−13 18 30.7	−23.4
47	B. D.−17°6520	7	21 24.75	− 0.10	− 2.98	303 47 52.68	47.318	+ 4.42	−1 26.2	22 21 21.67	− 3.49	−17 13 39.8	−22.8
48	σ Aquarii	7	25 37.47	− 0.05	− **3.02**	309 51 54.68	45.452	+ 4.39	−1 9.2	22 25 34.44	.....	−11 10 3.5	....
49	η Aquarii	7	30 28.85	+ 0.02	− **3.02**	320 25 54.25	43.060	+ 4.36	− 47.8	22 30 25.88	.....	− 0 36 37.5	....
50	B. D.− 6°6034	7	32 21.25	− 0.02	− 2.99	314 27 54.70	45.792	+ 4.35	− 58.9	22 32 18.24	− 3.49	− 6 33 45.7	−24.8
51	B. D.− 8°5912	7	33 23.39	− 0.03	− 2.99	312 37 55.62	46.132	+ 4.34	−1 2.8	22 33 20.37	− 3.49	− 8 23 40.7	−24.5

Time.			Barom.	Att. Ther.	Ext. Ther.
d	h	m	in.	°	°
27	6	32	......	....	51.1
	6	43	......	....	51.2
	6	55	......	....	51.1
	6	58	29.99	53.1	51.2
	7	5	......	....	51.8
	7	29	......	....	52.0
	7	39	30.005	54.3	52.5
28	12	17	30.04	61.8	60.5
	18	6	30.045	59.8	58.1
	18	38	......	....	56.5
	19	9	30.045	57.5	56.1
	19	32	......	....	55.6
	19	57	30.06	56.0	54.1
	20	22	......	....	53.3
	20	48	30.075	54.3	53.2
	22	10	30.09	52.8	52.1

Micrometer bisections are made at II, VI, except as noted below.

2. Bisection at VI.
5. Bisections at VI, VII.
6, 8, 21. Bisections at I, II, VI, VII.
15. Bisections at I, II, III.
16. Bisections at V, VI, VII.
17. Bisections at b_3, b_5, b_7.
18. Bisections at II, III, IV, V, VI.
20. Bisections at I, II, VI.
24, 49. 50. Bisections at I, II.
25. Bisections at III, V.
35. Bisections at II, III, VI.

Notes.

5. Very diffuse and poor.
6. Poor.
11. Micrometer reading increased 15 rev.
35. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+ 5.7	−15 59.5	...	−15 53.8
16	+ 5.7	+15 59.5	...	+16 5.2
18	+45 56.5	+14 52.4	...	+60 48.9

No.	Date, Observer, and Object.	Thds.	Mean Thread	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−10°5975	7	38 1.56	− 0.04	− 2.99	310 23 52.62	50.238	+ 4.31	−1 7.9	22 37 58.53	− 3.50	−10 36 15.0	−24.1
2	B. D.−11°5912	7	41 14.06	− 0.05	− 2.99	309 21 53.50	45.325	+ 4.29	−1 10.5	22 41 11.02	− 3.50	−11 40 9.0	−24.0
3	B. D.−11°5923	7	43 30.58	− 0.05	− 2.99	309 57 57.42	46.348	+ 4.28	−1 9.0	22 43 27.54	− 3.50	−11 3 40.2	−24.1
4	B. D.− 3°5521	7	47 46.29	+ 0.01	− 2.99	317 53 56.02	44.745	+ 4.25	− 52.3	22 47 43.31	− 3.52	− 3 8 1.6	−25.2
5	B. D.−14°6370	7	51 9.24	− 0.07	− 2.99	306 57 55.80	46.035	+ 4.23	−1 16.8	22 51 6.18	− 3.52	−14 3 56.8	−23.6
6	B. D.− 8°5991	7	54 2.80	− 0.03	− 2.99	312 17 54.35	46.520	+ 4.21	−1 3.6	22 53 59.78	− 3.52	− 8 43 34.0	−24.4
7	B. D.− 5°5910	7	56 37.08	0.00	− 2.99	315 47 55.12	46.220	+ 4.19	− 56.3	22 56 34.09	− 3.53	− 5 13 32.9	−24.8
8	B. D.− 8°6018	7	0 12.91	− 0.02	− 2.99	312 47 56.12	48.888	+ 4.17	−1 2.4	23 0 9.90	− 3.53	− 8 12 37.0	−24.4
9	B. D.−12°6426	7	2 26.21	− 0.05	− 2.99	308 41 55.05	47.175	+ 4.16	−1 12.2	23 2 23.17	− 3.52	−12 19 27.0	−23.8
10	B. D.− 8°6040	7	5 28.09	− 0.02	− 2.99	312 41 57.62	46.105	+ 4.14	−1 2.7	23 5 25.08	− 3.53	− 8 19 39.4	−24.4
11	φ Aquarii	7	9 24.54	− 0.01	− **3.02**	314 27 56.05	45.375	+ 4.11	− 59.0	23 9 21.54	....	− 6 33 54.0	....
12	B. D.− 2°5914	7	11 5.78	+ 0.02	− 2.99	319 3 58.08	47.960	+ 4.10	− 50.2	23 11 2.81	− 3.57	− 1 56 44.1	−25.0
13	B. D.−12°6468	7	14 5.13	− 0.05	− 2.99	308 19 53.15	46.782	+ 4.08	−1 13.2	23 14 2.09	− 3.53	−12 41 39.0	−23.8
14	B. D.− 5°5973	7	16 28.08	0.00	− 2.99	315 49 54.62	45.625	+ 4.07	− 56.3	23 16 25.09	− 3.56	− 5 11 47.1	−24.6
15	B. D.− 1°4427	7	18 51.84	+ 0.02	− 2.99	319 35 55.55	48.750	+ 4.06	− 49.3	23 18 48.87	− 3.58	− 1 24 27.8	−24.9
16	B. D.− 3°5639	7	22 21.09	+ 0.01	− 2.99	317 51 56.60	45.635	+ 4.03	− 52.5	23 22 18.11	− 3.58	− 3 9 41.1	−24.6
17	B. D.+ 0°5009	7	25 49.16	+ 0.04	− 2.99	321 21 54.00	47.245	+ 4.01	− 46.4	23 25 46.21	− 3.60	+ 0 20 59.2	−24.9
18	B. D.− 3°5655	7	28 2.79	+ 0.01	− 2.99	317 27 55.15	48.350	+ 3.99	− 53.2	23 27 59.81	− 3.58	− 3 32 41.3	−24.5
19	248 G. Aquarii	7	30 38.46	− 0.02	− 2.99	313 1 59.08	46.010	+ 3.98	−1 2.1	23 30 35.45	− 3.55	− 7 59 39.7	−24.0
20	B. D.− 6°6256	7	34 57.86	0.00	− 2.99	314 55 58.32	48.670	+ 3.95	− 58.2	23 34 54.87	− 3.57	− 6 4 35.8	−24.1
21	λ Piscium	7	37 12.41	+ 0.04	− 2.99	322 15 57.42	47.610	+ 3.94	− 44.9	23 37 9.46	− 3.62	+ 1 15 12.4	−24.6
22	B. D.− 0°4566	7	41 43.28	+ 0.04	− 2.99	321 1 55.20	44.465	+ 3.91	− 47.0	23 41 40.33	− 3.62	− 0 0 3.9	−24.4
23	B. D.− 6°6303	7	46 53.06	0.00	− 2.99	314 47 53.50	48.590	+ 3.88	− 58.5	23 46 50.07	− 3.57	− 6 12 42.8	−23.8
24	B. D.− 0°4585	7	49 55.34	+ 0.04	− 2.99	320 35 56.38	46.210	+ 3.86	− 47.8	23 49 52.39	− 3.62	− 0 25 23.7	−24.0
25	B. D.− 2°6071	7	54 42.45	+ 0.02	− 2.99	318 37 56.78	47.338	+ 3.83	− 51.2	23 54 39.48	− 3.61	− 2 23 0.9	−23.8
26	30 Piscium	7	57 5.71	0.00	− 2.99	314 27 57.02	48.322	+ 3.81	− 59.2	23 57 2.72	....	− 6 32 46.2	....
27	33 Piscium	7	0 28.85	0.00	− **3.00**	314 45 55.58	48.855	+ 3.79	− 58.7	0 0 25.86	....	− 6 14 35.0	....
28	B. D.+ 2°3	7	3 30.17	+ 0.06	− 2.99	323 55 56.05	45.760	+ 3.77	− 42.4	0 3 27.24	− 3.66	+ 2 54 31.0	−23.6
29	B. D.− 2°19	7	7 48.45	+ 0.03	− 2.99	319 15 57.10	45.798	+ 3.74	− 50.2	0 7 45.49	− 3.62	− 1 45 34.9	−23.4
30	B. D.+ 7°27	7	11 41.62	+ 0.09	− 3.00	328 43 56.05	45.438	+ 3.72	− 35.4	0 11 38.71	− 3.73	+ 7 42 30.6	−23.3
31	B. D.+ 2°37	7	15 17.48	+ 0.06	− 3.00	323 31 56.50	44.728	+ 3.69	− 43.1	0 15 14.54	− 3.66	+ 2 30 7.1	−23.1
32	B. D.− 3°49	7	19 38.86	+ 0.03	− 3.00	318 15 56.95	47.655	+ 3.67	− 52.0	0 19 35.89	− 3.61	− 2 44 54.5	−22.9
33	B. D.− 5°64	7	22 15.09	+ 0.01	− 3.00	315 29 57.70	44.965	+ 3.65	− 57.3	0 22 12.10	− 3.58	− 5 32 0.5	−22.7
34	B. D.+ 8°64	7	26 43.41	+ 0.10	− 3.00	329 37 54.65	49.225	+ 3.62	− 34.1	0 26 40.51	− 3.76	+ 8 37 57.0	−22.4
35	13 Ceti	7	30 21.96	+ 0.02	− 3.00	316 53 55.12	47.038	+ 3.60	− 54.5	0 30 18.98	....	− 4 7 12.9	....
36	B. D.+ 1°105	7	32 58.42	+ 0.06	− 3.00	322 53 57.48	44.500	+ 3.58	− 44.1	0 32 55.48	− 3.66	+ 1 52 1.8	−22.3
37	B. D.+ 3°93	7	37 30.06	+ 0.07	− 3.00	324 39 59.40	45.540	+ 3.55	− 41.3	0 37 27.13	− 3.68	+ 3 38 30.5	−22.0
38	ζ Andromedæ	7	42 18.60	+ 0.20	− **2.99**	344 45 56.82	45.172	+ 3.52	− 15.9	0 42 15.80	....	+23 44 44.2	....
39	δ Piscium	7	43 45.59	+ 0.09	− **2.98**	328 5 56.52	43.655	+ 3.51	− 36.3	0 43 42.68	....	+ 7 3 49.2	....
40	B. D.+ 9°206	7	37 34.85	+ 0.12	− 3.00	330 47 58.50	42.930	+ 3.34	− 32.7	1 37 31.97	− 3.75	+ 9 45 38.0	−17.6
41	B. D.+ 6°275	7	43 41.42	+ 0.11	− 3.00	328 13 56.28	45.138	+ 3.32	− 36.2	1 43 38.53	− 3.64	+ 7 12 22.8	−17.4
42	γ Aretis (*south*)	7	48 19.14	+ 0.19	− 3.00	339 49 55.38	47.130	+ 3.32	− 21.5	1 48 16.33	− 3.95	+18 49 22.1	−15.4
43	B. D.+16°217	7	50 21.13	+ 0.17	− 3.01	337 45 59.65	41.078	+ 3.32	− 23.9	1 50 18.29	− 3.89	+16 43 5.6	−15.5
44	B. D.+ 3°273	7	55 25.54	+ 0.09	− 3.01	324 57 57.90	42.845	+ 3.31	− 41.0	1 55 22.62	− 3.60	+ 3 55 27.2	−17.0
45	B. D.+17°307	7	58 30.00	+ 0.18	− 3.01	338 47 59.45	47.338	+ 3.30	− 22.7	1 58 27.17	− 3.91	+17 47 29.7	−14.6
46	α Arietis	7	1 49.02	+ 0.22	− **2.97**	344 1 58.28	44.448	+ 3.30	− 16.7	2 1 46.23	....	+23 0 28.4	....
47	ξ¹ Ceti	7	7 58.03	+ 0.12	− **3.02**	329 25 59.82	43.392	+ 3.28	− 34.6	2 7 55.14	....	+ 8 23 47.7	....
48	B. D.+11°300	7	9 6.14	+ 0.14	− 3.01	332 51 55.45	44.152	+ 3.28	− 30.0	2 9 3.27	− 3.74	+11 50 5.6	−14.7
49	θ Arietis	7	12 50.45	+ 0.20	− 3.01	340 27 57.92	47.068	+ 3.27	− 20.7	2 12 47.64	− 3.93	+19 27 24.0	−13.0
50	B. D.+ 8°364	7	16 19.36	+ 0.12	− 3.01	329 27 56.58	45.208	+ 3.27	− 34.5	2 16 16.47	− 3.65	+ 8 26 26.3	−14.7
51	B. D.+ 9°313	7	19 5.28	+ 0.13	− 3.01	330 51 57.90	44.460	+ 3.27	− 32.6	2 19 2.40	− 3.68	+ 9 50 12.5	−14.2
52	B. D.+22°347	7	21 35.65	+ 0.22	− 3.01	343 27 57.50	45.248	+ 3.26	− 17.4	2 21 32.86	− 4.00	+22 26 45.2	−11.6
53	B. D.+20°404	7	23 55.16	+ 0.21	− 3.01	342 11 56.50	43.088	+ 3.26	− 18.8	2 23 52.36	− 3.96	+21 9 53.5	−11.6
54	128 H¹. Ceti	7	30 52.29	+ 0.11	− 3.01	327 27 59.12	43.335	+ 3.24	− 37.4	2 30 49.39	....	+ 6 25 42.9	....
55	B. D.+24°376	7	31 31.54	+ 0.23	− 3.01	345 16 0.32	42.255	+ 3.24	− 15.4	2 31 28.76	− 4.04	+24 13 41.8	−10.2
56	ν Arietis	7	33 25.11	+ 0.21	− **2.97**	342 34 0.70	45.100	+ 3.24	− 18.4	2 33 22.31	....	+21 32 44.0	....
57	B. D.+ 9°353	7	36 53.49	+ 0.14	− 3.01	331 9 55.95	44.190	+ 3.23	− 32.3	2 36 50.62	− 3.64	+10 8 4.6	−12.7
58	μ Ceti	7	39 48.39	+ 0.14	− **3.07**	330 43 55.82	45.365	+ 3.23	− 32.8	2 39 45.52	....	+ 9 42 30.8	....
59	B. D.+ 8°424	7	42 17.69	+ 0.13	− 3.01	329 55 59.50	44.982	+ 3.22	− 33.9	2 42 14.81	− 3.60	+ 8 54 24.6	−12.5
60	B. D.+11°398	7	45 9.26	+ 0.15	− 3.01	332 13 58.72	46.470	+ 3.22	− 30.8	2 45 6.40	− 3.64	+11 13 1.0	−11.8
61	B. D.+ 9°370	7	49 18.52	+ 0.14	− 3.01	330 25 57.88	40.988	+ 3.21	− 33.3	2 49 15.65	− 3.59	+ 9 22 52.3	−11.8
62	B. D.+15°414	7	52 10.77	+ 0.18	− 3.01	336 55 56.70	44.858	+ 3.20	− 25.0	2 52 7.94	− 3.74	+15 54 27.9	−10.1

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
28 22 36	......	....	52.1						
22 57	30.095	52.0	52.0	37, 55. Bisections at VI, VII.					
23 24	......	....	51.0	38, 47, 54. Bisections at I, II.					
23 51	30.10	51.3	49.6						
0 13	......	....	48.8						
0 39	30.10	49.6	48.7						
1 26	30.10	49.5	48.2						
1 53	......	....	47.0						
2 25	30.115	48.8	46.8	Note.					
2 44	......	....	46.2	1-62. Conditions rather poor; images woolly.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Ceti	7	54 37.34	+ 0.13	− 3.01	329 33 57.60	42.675	+ 3.20	− 34.5	2 54 34.46	− 3.55	+ 8 31 29.4	−11.6
2	B. D.+22°425	7	57 57.68	+ 0.22	− 3.01	343 41 57.32	45.915	+ 3.19	− 17.1	2 57 54.89	− 3.92	+22 41 0.5	− 7.9
3	B. D.+17°493	7	2 4.52	+ 0.19	− 3.01	338 31 57.90	44.855	+ 3.19	− 23.1	3 2 1.70	− 3.75	+17 30 30.9	− 8.8
4	B. D.+12°452	7	6 8.69	+ 0.16	− 3.01	333 41 58.98	46.332	+ 3.18	− 29.0	3 6 5.84	− 3.61	+12 40 59.8	− 9.6
5	B. D.+17°517	7	9 23.51	+ 0.20	− 3.01	338 41 58.38	43.978	+ 3.17	− 22.9	3 9 20.70	− 3.73	+17 40 11.5	− 8.1
6	B. D.+11°459	7	14 0.59	+ 0.16	− 3.01	333 8 0.28	43.995	+ 3.16	− 29.7	3 13 57.74	− 3.57	+12 6 7.0	− 9.0
7	B. D.+20°551	7	17 16.81	+ 0.21	− 3.01	341 25 59.35	42.935	+ 3.16	− 19.7	3 17 14.01	− 3.78	+20 23 51.8	− 6.6
8	B. D.+14°565	7	23 39.91	+ 0.18	− 3.01	335 41 56.95	43.295	+ 3.15	− 26.5	3 23 37.08	− 3.60	+14 39 50.8	− 7.5
9	B. D.+21°474	7	25 56.05	+ 0.22	− 3.01	342 29 58.48	47.542	+ 3.14	− 18.5	3 25 53.26	− 3.78	+21 29 37.4	− 5.5
10	B. D.+23°473	7	28 48.39	+ 0.24	− 3.01	345 9 57.65	44.385	+ 3.14	− 15.5	3 28 45.62	− 3.85	+24 8 27.4	− 4.4
11	B. D.+22°523	7	33 5.71	+ 0.23	− 3.02	343 21 57.05	45.102	+ 3.13	− 17.5	3 33 2.92	− 3.78	+22 20 41.2	− 4.6
12	B. D.+19°578	7	36 49.76	+ 0.21	− 3.02	340 25 58.22	42.095	+ 3.12	− 20.9	3 36 46.95	− 3.68	+19 23 30.3	− 5.0
13	17 Tauri	7	39 13.38	+ 0.24	− 3.02	344 49 57.08	44.820	+ 3.12	− 15.9	3 39 10.60	− 3.80	+23 48 36.1	− 3.5
14	B. D.+24°556	7	40 22.71	+ 0.24	− 3.02	345 15 57.75	42.175	+ 3.11	− 15.5	3 40 19.93	− 3.81	+24 13 37.0	− 3.2
15	B. D.+16°512	7	42 10.46	+ 0.19	− 3.02	337 25 58.10	44.715	+ 3.11	− 24.4	3 42 7.63	− 3.57	+16 24 26.4	− 5.3
16	B. D.+23°558	7	43 31.41	+ 0.24	− 3.02	344 51 57.72	44.510	+ 3.11	− 15.9	3 43 28.63	− 3.78	+23 50 30.1	− 3.0
17	B. D.+21°539	7	46 1.19	+ 0.23	− 3.02	342 45 57.90	44.408	+ 3.10	− 18.2	3 45 58.40	− 3.71	+21 44 25.7	− 3.4
18	B. D.+14°624	7	48 27.41	+ 0.19	− 3.02	335 55 58.00	43.410	+ 3.10	− 26.3	3 48 24.58	− 3.50	+14 53 54.7	− 5.2
19	B. D.+20°669	7	51 36.85	+ 0.23	− 3.02	342 3 58.65	44.960	+ 3.09	− 19.0	3 51 34.06	− 3.66	+21 2 38.3	− 3.1
20	λ Tauri	7	55 24.58	+ 0.17	− **3.01**	333 14 0.28	46.610	+ 3.09	− 29.7	3 55 21.73	.....	+12 13 6.7	....
21	ν Tauri	7	58 5.81	+ 0.13	− **2.93**	326 43 58.70	47.775	+ 3.08	− 38.6	3 58 2.92	.....	+ 5 43 22.8	....
	September 28, R.												
22	19 H. Camelopardalis	7	6 45.54	+ 1.68	− 3.08	40 7 55.20	42.842	+ 2.98	+ 49.8	5 6 44.14	.....	+79 6 54.0	....
23	γ Orionis	7	20 1.50	+ 0.13	− **3.07**	327 17 53.20	43.700	+ 2.97	− 37.8	5 19 58.55	.....	+ 6 15 44.9	....
24	β Leporis	7	24 10.75	− 0.06	− 3.08	300 11 51.72	47.020	+ 2.97	−1 40.8	5 24 7.61	− 2.29	−21 50 3.3	− 7.8
25	α Leporis	7	28 32.55	− 0.03	− **3.04**	303 7 52.58	48.335	+ 2.96	−1 30.0	5 28 29.44	.....	−17 53 21.9	....
26	ω Draconis s. P.	7	37 33.60	− 0.62	− 3.08	72 9 57.80	43.390	+ 2.96	+3 2.3	17 37 29.90	.....	+68 48 36.8	....
27	δ Aurigæ	7	51 39.09	+ 0.54	− 3.08	15 17 57.82	42.805	+ 2.95	+ 16.2	5 51 36.55	.....	+54 16 22.8	....
28	1 Geminorum	7	58 19.22	+ 0.24	− **3.02**	344 17 56.05	43.318	+ 2.94	− 16.6	5 58 16.38	.....	+23 16 0.1	....
29	22 H. Camelopardalis	7	8 16.97	+ 0.92	− 3.08	30 22 0.12	43.285	+ 2.93	+ 34.7	6 8 14.81	.....	+69 20 54.4	....
30	ζ Canis Majoris	7	16 40.39	− 0.14	− 3.08	291 1 53.38	46.438	+ 2.93	−2 31.9	6 16 37.17	.....	−30 1 6.4	....
31	χ Draconis s. P.	5	22 51.56	− 0.80	− 3.08	68 17 57.25	41.545	+ 2.92	+2 27.7	18 22 47.68	.....	+72 41 54.7	....
32	γ Geminorum	7	32 12.00	+ 0.20	[− **3.03**]	337 29 52.92	45.932	+ 2.92	− 24.4	6 32 9.12	.....	+16 28 49.0	....
33	ε Geminorum	7	38 3.44	+ 0.25	[− **3.05**]	346 13 54.75	47.132	+ 2.91	− 14.4	6 38 0.60	.....	+25 13 28.1	....
34	18 Monocerotis	7	42 53.46	+ 0.11	− 3.09	323 31 53.48	47.400	+ 2.91	− 43.5	6 42 50.48	.....	+ 2 31 4.0	....
35	θ Canis Majoris	7	49 46.11	+ 0.01	[− **3.04**]	309 5 52.10	48.538	+ 2.90	−1 12.4	6 49 43.03	.....	−11 55 0.3	....
36	ε Canis Majoris	7	54 53.70	− 0.13	− 3.09	292 11 51.00	48.225	+ 2.90	−2 23.2	6 54 50.48	.....	−28 50 19.3	....
37	δ Canis Majoris	7	4 31.75	− 0.10	− 3.09	294 47 51.48	47.590	+ 2.89	−2 6.6	7 4 28.56	.....	−26 14 16.7	....
38	λ Geminorum	7	12 36.38	+ 0.20	[− **3.05**]	337 43 54.55	45.778	+ 2.89	− 24.1	7 12 33.49	.....	+16 42 47.3	....
39	β Canis Minoris	7	21 58.56	+ 0.14	[− **3.02**]	329 29 54.00	46.765	+ 2.88	− 34.7	7 21 55.61	.....	+ 8 28 58.7	....
40	Venus II, N	7	2 36.55	+ 0.11	− 3.10	319 9 53.95	48.906	+ 4.12	− 49.8	11 2 33.56	− 1.91	− 1 50 26.2	....
	September 29, R.												
41	Sun I, N	7	18 40.82	+ 0.11	− 3.11	319 9 55.60	44.667	+ 4.12	− 49.6	12 18 37.82	+64.27	− 1 52 1.7	....
42	Sun II, S.	7	20 49.36	+ 0.11	− 3.11	318 37 54.58	44.712	+ 4.12	− 50.5	12 20 46.36	−64.27	− 2 24 1.6	....
43	51 H. Cephei s. P.	7	55 37.00	− 4.92	− 3.13	53 47 58.72	45.387	+ 2.92	+1 18.5	6 55 28.95	.....	+87 11 34.7	....
44	λ Ursæ Minoris	6	18 27.17	+14.07	− 3.14	49 59 58.05	45.162	+ 2.92	+1 8.7	19 18 38.10	.....	+89 0 9.4	....
45	ρ Aquilæ	7	9 53.22	+ 0.10	− 3.14	335 55 55.75	45.275	+ 2.92	− 25.7	20 9 50.18	− 2.81	+14 54 35.5	−27.9
46	176 B. Cygni	7	16 49.89	+ 0.25	− 3.14	0 5 57.05	48.828	+ 2.92	+ 0.2	20 16 47.00	− 2.71	+39 6 23.8	−32.8
47	ρ Capricorni	7	23 26.22	− 0.11	− **3.15**	302 53 51.90	47.285	+ 2.92	−1 28.9	20 23 22.97	.....	−18 7 45.6	....
48	13 G. Microscopii	7	34 21.77	− 0.25	− 3.14	287 17 53.10	44.772	+ 2.92	−3 2.9	20 34 18.38	− 3.50	−33 46 15.7	−14.5
49	δ Delphini	7	39 1.91	+ 0.10	− 3.14	335 45 54.32	43.992	+ 2.92	− 26.0	20 38 58.87	− 2.99	+14 44 4.4	−28.5
50	λ Cygni	7	43 43.74	+ 0.24	− 3.14	357 9 55.85	44.290	+ 2.92	− 2.8	20 43 40.84	.....	+36 8 36.1	....
51	32 Vulpeculæ	7	50 31.59	+ 0.18	− **3.16**	348 41 56.55	47.962	+ 2.92	− 11.5	20 50 28.63	.....	+27 41 51.8	....
52	f^1 Cygni	7	56 37.59	+ 0.34	− 3.15	8 9 56.78	45.135	+ 2.92	+ 8.4	20 56 34.78	− 3.15	+47 9 6.9	−33.5
53	θ Capricorni	7	0 36.32	− 0.10	− **3.15**	303 25 52.60	44.542	+ 2.92	−1 27.3	21 0 33.07	.....	−17 36 46.0	....
54	γ Equulei	7	5 43.73	+ 0.08	− 3.15	330 45 54.80	46.448	+ 2.92	− 32.3	21 5 40.66	− 3.16	+ 9 44 54.7	−27.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
28 3 10	30.11	47.3	45.6
3 35	......	....	45.0
3 59	30.115	46.1	44.4
5 13	30.13	46.6	44.6
5 43	......	....	44.2
6 6	30.15	46.4	44.5
6 47	......	....	44.8
7 19	30.17	47.5	45.1
11 3	30.21	56.9	56.0
29 12 21	30.20	59.0	58.1
19 1	30.15	58.0	57.7
19 26	30.16	57.1	56.2
20 31	30.17	55.3	55.2

Micrometer bisections are made at II, VI, except as noted below.

4, 26.	Bisections at II, VII.
13, 52.	Bisections at I, II.
15.	Bisections at I, VI.
16.	Bisection at VI.
17, 22, 50.	Bisections at VI, VII.
19, 24.	Bisection at VII.
31.	Bisections at III, V.
40.	Bisections at I, II, VI, VII.
41.	Bisections at I, II, III.
42.	Bisections at V, VI, VII.
43, 44.	Bisections at b_4, b_5, b_6.

Notes.

31. Circle reading decreased 1°.
54. Circle reading increased 30°.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
40	+ 19.1	− 28.5	...	− 9.4
41	+ 5.7	−15 59.9	...	−15 54.2
42	+ 5.8	+15 59.9	...	+16 5.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	4 Piscis Australis........	7	12 10.44	- 0.23	- 3.15	288 29 52.40	43.932	+ 2.92	-2 51.0	21 12 7.06	....	-32 34 23.7	....
2	1 Pegasi................	7	17 42.31	+ 0.14	**- 3.19**	340 23 54.38	48.472	+ 2.92	- 20.6	21 17 39.30	....	+19 23 52.2	....
	September 29, Ei.-Y.												
3	B. D.-15°6208........	7	18 14.45	- 0.06	- 3.10	305 35 52.70	46.745	+ 2.67	-1 20.9	22 18 11.29	- 3.47	-15 25 49.4	-23.0
4	B. D.-17°6521........	7	21 25.30	- 0.08	- 3.10	303 47 54.80	47.088	+ 2.67	-1 26.5	22 21 22.12	- 3.48	-17 13 45.0	-22.7
5	σ Aquarii............	7	25 37.54	- 0.03	**- 3.11**	309 51 53.50	45.548	+ 2.67	-1 9.4	22 25 34.41	....	-11 10 4.4	....
6	η Aquarii............	7	30 29.03	+ 0.04	**- 3.22**	320 25 53.70	43.160	+ 2.67	- 48.0	22 30 25.97	....	- 0 36 37.4	....
7	B. D.- 8°5912........	7	33 23.44	- 0.01	- 3.10	312 37 54.42	46.292	+ 2.67	-1 3.0	22 33 20.33	- 3.48	- 8 23 40.1	-24.5
8	B. D.-10°5975........	7	38 1.70	- 0.03	- 3.10	310 25 53.72	45.025	+ 2.67	-1 8.1	22 37 58.57	- 3.49	-10 36 14.8	-24.1
9	B. D.-11°5912........	7	41 14.18	- 0.04	- 3.10	309 21 53.92	45.385	+ 2.67	-1 10.8	22 41 11.04	- 3.50	-11 40 9.1	-23.9
10	B. D.-11°5923........	7	43 30.67	- 0.03	- 3.10	309 57 55.98	46.510	+ 2.67	-1 9.2	22 43 27.54	- 3.50	-11 3 39.8	-24.0
11	B. D.- 3°5521........	7	47 46.49	+ 0.02	- 3.10	317 53 56.38	44.788	+ 2.67	- 52.5	22 47 43.41	- 3.52	- 3 8 2.0	-25.2
12	B. D.-14°6370........	7	51 9.36	- 0.05	- 3.10	306 57 54.98	46.175	+ 2.67	-1 17.2	22 51 6.21	- 3.51	-14 3 56.4	-23.6
13	B. D.- 8°5991........	7	54 2.96	- 0.02	- 3.11	312 17 53.70	46.638	+ 2.67	-1 3.8	22 53 59.83	- 3.52	- 8 43 33.7	-24.4
14	B. D.- 5°5910........	7	56 37.17	+ 0.01	- 3.11	315 47 55.80	46.268	+ 2.67	- 56.5	22 56 34.07	- 3.53	- 5 13 32.8	-24.8
15	B. D.- 8°6018........	7	0 13.06	- 0.01	- 3.11	312 47 55.28	49.000	+ 2.67	-1 2.7	23 0 9.94	- 3.52	- 8 12 37.1	-24.4
16	B. D.-12°6426........	7	2 26.39	- 0.04	- 3.11	308 41 54.55	47.285	+ 2.67	-1 12.5	23 2 23.24	- 3.52	-12 19 26.8	-23.8
17	B. D.- 8°6040........	7	5 28.25	- 0.01	- 3.11	312 41 57.32	46.190	+ 2.67	-1 3.0	23 5 25.13	- 3.53	- 8 19 39.5	-24.4
18	φ Aquarii............	7	9 24.69	0.00	**- 3.18**	314 27 56.90	45.420	+ 2.67	- 59.2	23 9 21.58	....	- 6 33 53.8	....
19	B. D.- 2°5914........	7	11 5.91	+ 0.03	- 3.11	319 3 57.65	48.175	+ 2.67	- 50.4	23 11 2.83	- 3.56	- 1 56 41.3	-25.0
20	B. D.-12°6468........	7	14 5.23	- 0.04	- 3.11	308 19 54.22	46.765	+ 2.67	-1 13.4	23 14 2.08	- 3.53	-12 41 39.9	-23.7
21	B. D.- 5°5973........	7	16 28.21	+ 0.01	- 3.11	315 49 53.55	45.732	+ 2.67	- 56.5	23 16 25.11	- 3.56	- 5 11 47.3	-24.6
22	B. D.- 1°4427........	7	18 52.04	+ 0.03	- 3.11	319 35 56.98	48.778	+ 2.67	- 49.5	23 18 48.96	- 3.58	- 1 24 27.3	-24.9
23	B. D.- 3°5639........	7	22 21.20	+ 0.02	- 3.11	317 51 56.22	45.762	+ 2.67	- 52.6	23 22 18.11	- 3.57	- 3 9 40.0	-24.7
24	B. D.+ 0°5009........	7	25 49.35	+ 0.04	- 3.11	321 21 55.18	47.268	+ 2.67	- 46.5	23 25 46.28	- 3.60	+ 0 20 59.4	-24.9
25	B. D.- 3°5655........	7	28 2.96	+ 0.02	- 3.11	317 27 58.18	48.278	+ 2.67	- 53.3	23 27 59.87	- 3.58	- 3 32 41.3	-24.5
26	248 G. Aquarii............	7	30 38.61	- 0.01	- 3.11	313 1 57.00	46.175	+ 2.67	-1 2.2	23 30 35.49	- 3.55	- 7 59 39.4	-24.0
27	B. D.- 6°6256........	7	34 57.92	0.00	- 3.11	314 55 55.75	48.828	+ 2.67	- 58.2	23 34 54.81	- 3.57	- 6 4 36.0	-24.1
28	λ Piscium............	7	37 12.59	+ 0.05	- 3.11	322 15 59.10	47.595	+ 2.67	- 45.0	23 37 9.53	- 3.62	+ 1 15 12.3	-24.6
29	B. D.- 0°4566........	7	41 43.41	+ 0.04	- 3.11	321 1 55.35	44.490	+ 2.67	- 47.0	23 41 40.34	- 3.62	- 0 0 4.4	-24.4
30	B. D.- 6°6303........	7	46 53.15	0.00	- 3.11	314 47 56.00	48.520	+ 2.67	- 58.5	23 46 50.04	- 3.57	- 6 12 43.1	-23.8
31	B. D.- 0°4585........	7	49 55.49	+ 0.04	- 3.11	320 35 54.90	46.298	+ 2.67	- 47.7	23 49 52.42	- 3.62	- 0 25 24.2	-24.1
32	B. D.- 2°6071........	7	54 42.64	+ 0.02	- 3.11	318 37 55.95	47.425	+ 2.67	- 51.2	23 54 39.55	- 3.61	- 2 23 0.9	-23.8
33	30 Piscium............	7	57 5.86	0.00	- 3.11	314 27 54.90	48.450	+ 2.67	- 59.2	23 57 2.75	....	- 6 32 46.5	....
34	33 Piscium............	7	0 28.99	0.00	**- 3.14**	314 45 55.92	48.862	+ 2.67	- 58.6	0 0 25.88	....	- 6 14 35.5	....
35	B. D.+ 2°3...........	7	3 30.34	+ 0.06	- 3.11	323 55 56.65	45.758	+ 2.67	- 42.4	0 3 27.29	- 3.67	+ 2 54 30.5	-23.7
36	B. D.- 2°19..........	7	7 48.54	+ 0.03	- 3.11	319 15 56.85	45.820	+ 2.67	- 50.1	0 7 45.46	- 3.62	- 1 45 35.6	-23.4
37	B. D.+ 7°27..........	7	11 41.73	+ 0.09	- 3.11	328 43 54.55	45.518	+ 2.67	- 35.3	0 11 38.71	- 3.74	+ 7 42 30.0	-23.4
38	B. D.+ 2°37..........	7	15 17.58	+ 0.06	- 3.11	323 31 56.15	44.792	+ 2.67	- 43.0	0 15 14.53	- 3.67	+ 2 30 7.3	-23.2
39	B. D.- 3°49..........	7	19 39.01	+ 0.02	- 3.11	318 15 56.85	47.658	+ 2.67	- 51.9	0 19 35.92	- 3.61	- 2 44 55.4	-22.9
40	B. D.- 5°64..........	7	22 15.17	0.00	- 3.11	315 29 55.40	45.080	+ 2.67	- 57.2	0 22 12.06	- 3.58	- 5 32 1.0	-22.7
41	B. D.+ 8°64..........	7	26 43.52	+ 0.09	- 3.11	329 37 58.35	49.078	+ 2.67	- 34.1	0 26 40.50	- 3.76	+ 8 37 56.3	-22.5
42	13 Ceti................	7	30 22.06	+ 0.01	- 3.11	316 53 54.60	47.100	+ 2.67	- 54.4	0 30 18.96	....	- 4 7 12.9	....
43	B. D.+ 3°93..........	7	37 30.11	+ 0.06	- 3.12	324 39 56.15	45.762	+ 2.67	- 41.3	0 37 27.05	- 3.69	+ 3 38 31.2	-22.0
44	ζ Andromedæ..........	7	42 18.71	+ 0.18	**- 3.07**	344 45 56.22	45.240	+ 2.67	- 15.8	0 42 15.77	....	+23 44 44.7	....
45	δ Piscium............	7	43 45.76	+ 0.08	**- 3.14**	328 5 55.25	43.730	+ 2.67	- 36.3	0 43 42.72	....	+ 7 3 48.8	....
46	B. D.+ 1°151.........	7	46 35.86	+ 0.05	- 3.12	322 53 54.02	45.310	+ 2.67	- 44.0	0 46 32.79	- 3.66	+ 1 52 16.0	-21.6
47	B. D.+13°222.........	7	24 50.29	+ 0.12	- 3.12	334 43 55.05	46.018	+ 2.67	- 27.5	1 24 47.29	- 3.86	+13 42 49.7	-18.2
48	B. D.+ 1°269.........	7	26 1.33	+ 0.05	- 3.12	322 45 58.20	43.380	+ 2.67	- 44.3	1 25 58.26	- 3.63	+ 1 43 36.1	-19.3
49	B. D.+ 8°245.........	7	28 56.39	+ 0.09	- 3.12	329 31 56.48	44.300	+ 2.67	- 34.3	1 28 53.36	- 3.75	+ 8 30 5.1	-18.4
50	B. D.+ 3°218.........	7	31 21.64	+ 0.06	- 3.12	324 49 57.15	48.130	+ 2.67	- 41.0	1 31 18.58	- 3.66	+ 3 49 26.6	-18.8
51	B. D.+13°255.........	7	34 10.32	+ 0.12	- 3.12	334 49 57.50	43.505	+ 2.67	- 27.4	1 34 7.32	- 3.86	+13 47 54.8	-17.4
52	B. D.+ 3°230.........	7	37 0.47	+ 0.06	- 3.12	325 11 56.28	47.735	+ 2.67	- 40.5	1 36 57.41	- 3.65	+ 4 11 17.2	-18.3
53	α Arietis............	7	1 49.15	+ 0.19	**- 3.05**	344 1 59.62	44.395	+ 2.67	- 16.7	2 1 46.22	....	+23 0 27.9	....
54	ξ¹ Ceti................	7	7 58.05	+ 0.11	**- 3.01**	329 25 55.42	43.590	+ 2.67	- 34.5	2 7 55.04	....	+ 8 23 47.6	....
55	B. D.+11°300.........	5	9 6.34	+ 0.13	- 3.12	332 51 55.55	44.158	+ 2.67	- 29.9	2 9 3.35	- 3.76	+11 50 5.5	-14.8
56	θ Arietis............	7	12 50.58	+ 0.17	- 3.12	340 27 58.05	47.105	+ 2.67	- 20.7	2 12 47.63	- 3.95	+19 27 24.3	-13.1
57	B. D.+ 8°364.........	7	16 19.42	+ 0.11	- 3.13	329 27 56.42	45.272	+ 2.67	- 34.4	2 16 16.40	- 3.67	+ 8 26 27.1	-14.8
58	B. D.+ 9°313.........	7	19 5.41	+ 0.12	- 3.13	330 51 57.30	44.542	+ 2.67	- 32.5	2 19 2.40	- 3.69	+ 9 50 13.2	-14.3
59	B. D.+22°347.........	7	21 35.76	+ 0.19	- 3.13	343 27 57.05	45.295	+ 2.67	- 17.3	2 21 32.82	- 4.02	+22 26 45.4	-11.7

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
29 21 21	30.18	54.1	53.9	23. Bisections at II, VII.					
22 23	30.195	53.6	52.3	48, 55. Bisections at VI, VII.					
22 35	......	....	52.1						
22 58	30.19	52.6	51.4						
23 24	......	....	51.3						
23 51	30.19	52.0	51.5						
0 13	......	....	51.0						
0 39	30.19	51.5	50.7						
1 28	......	....	50.0						
1 38	30.19	51.0	....						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+20°404........	7	23 55.31	+ 0.18	− 3.13	342 11 56.18	43.170	+ 2.67	− 18.8	2 23 52.36	− 3.98	+21 9 54.3	−11.7
2	B. D.+14°419........	7	27 42.09	+ 0.14	− 3.13	335 37 57.52	45.148	+ 2.67	− 26.4	2 27 39.10	− 3.79	+14 36 33.4	−12.7
3	128 H¹. Ceti..............	7	30 52.35	+ 0.09	− 3.13	327 27 56.68	43.485	+ 2.67	− 37.3	2 30 49.31	....	+ 6 25 43.6	....
4	ν Arietis..................	7	33 25.31	+ 0.18	− **3.12**	342 33 57.52	45.265	+ 2.67	− 18.3	2 33 22.36	....	+21 32 44.1	....
5	B. D.+ 9°353........	7	36 53.69	+ 0.12	− 3.13	331 9 53.65	44.315	+ 2.67	− 32.2	2 36 50.68	− 3.66	+10 8 4.7	−12.8
6	μ Ceti....................	7	39 48.47	+ 0.11	− **3.10**	330 43 54.15	45.495	+ 2.67	− 32.7	2 39 45.45	....	+ 9 42 31.6	....
7	B. D.+ 8°424........	7	42 17.79	+ 0.11	− 3.13	329 55 57.02	45.125	+ 2.67	− 33.8	2 42 14.77	− 3.62	+ 8 54 25.0	−12.6
8	B. D.+11°398........	7	45 9.41	+ 0.12	− 3.13	332 13 54.88	46.678	+ 2.67	− 30.7	2 45 6.40	− 3.66	+11 13 1.4	−11.9
9	B. D.+ 9°370........	7	49 18.62	+ 0.11	− 3.13	330 25 56.58	41.070	+ 2.67	− 33.2	2 49 15.60	− 3.60	+ 9 22 52.5	−11.9
10	B. D.+15°414........	7	52 10.93	+ 0.15	− 3.13	336 55 57.25	44.838	+ 2.67	− 24.9	2 52 7.95	− 3.76	+15 54 27.5	−10.2
11	λ Ceti....................	7	54 37.48	+ 0.11	− 3.13	329 33 56.45	42.732	+ 2.67	− 34.4	2 54 34.46	− 3.57	+ 8 31 29.1	−11.6
12	B. D.+22°425........	7	57 57.89	+ 0.19	− 3.13	343 41 55.48	46.008	+ 2.67	− 17.1	2 57 54.95	− 3.94	+22 41 0.3	− 8.1
13	B. D.+17°493........	7	2 4.66	+ 0.16	− 3.13	338 31 56.78	44.922	+ 2.67	− 23.0	3 2 1.69	− 3.77	+17 30 30.9	− 8.9
14	B. D.+12°452........	7	6 8.85	+ 0.13	− 3.13	333 41 55.18	46.508	+ 2.67	− 28.9	3 6 5.85	− 3.63	+12 40 59.6	− 9.6
15	B. D.+17°517........	7	9 23.63	+ 0.16	− 3.13	338 41 55.92	44.100	+ 2.67	− 22.8	3 9 20.66	− 3.76	+17 40 11.4	− 8.2
16	B. D.+11°459........	7	14 0.71	+ 0.13	− 3.13	333 7 57.88	44.100	+ 2.67	− 29.6	3 13 57.71	− 3.59	+12 6 6.6	− 9.1
17	B. D.+20°551........	7	17 16.90	+ 0.18	− 3.13	341 25 56.42	43.075	+ 2.67	− 19.7	3 17 13.95	− 3.80	+20 23 51.6	− 6.7
18	B. D.+14°559........	7	19 26.70	+ 0.14	− 3.13	335 39 55.02	43.755	+ 2.67	− 26.5	3 19 23.71	− 3.64	+14 37 59.0	− 8.0
19	B. D.+14°565........	7	23 39.99	+ 0.14	− 3.13	335 41 57.32	43.288	+ 2.67	− 26.4	3 23 37.00	− 3.62	+14 39 50.7	− 7.6
20	B. D.+21°474........	7	25 56.20	+ 0.18	− 3.13	342 29 55.32	47.712	+ 2.67	− 18.4	3 25 53.25	− 3.81	+21 29 37.7	− 5.6
21	B. D.+23°473........	7	28 48.57	+ 0.20	− 3.13	345 9 54.65	44.550	+ 2.67	− 15.4	3 28 45.64	− 3.88	+24 8 27.8	− 4.5
22	B. D.+22°523........	7	33 5.81	+ 0.19	− 3.13	343 21 57.58	45.072	+ 2.67	− 17.5	3 33 2.87	− 3.80	+22 20 40.6	− 4.6
23	B. D.+19°578........	7	36 49.81	+ 0.17	− 3.13	340 25 55.90	42.220	+ 2.67	− 20.8	3 36 46.85	− 3.70	+19 23 30.4	− 5.1
24	17 Tauri.................	7	39 13.58	+ 0.20	− 3.13	344 49 56.95	44.855	+ 2.67	− 15.8	3 39 10.65	− 3.82	+23 48 36.4	− 3.6
25	B. D.+24°556........	7	40 22.82	+ 0.20	− 3.13	345 15 56.50	42.245	+ 2.67	− 15.5	3 40 19.89	− 3.83	+24 13 36.9	− 3.4
26	B. D.+23°558........	7	43 31.56	+ 0.20	− 3.13	344 51 56.95	44.578	+ 2.67	− 15.8	3 43 28.63	− 3.81	+23 50 30.3	− 3.2
27	B. D.+21°539........	7	46 1.24	+ 0.19	− 3.13	342 45 55.82	44.615	+ 2.67	− 18.1	3 45 58.30	− 3.73	+21 44 27.8	− 3.5
28	B. D.+14°624........	7	48 27.58	+ 0.15	− 3.13	335 55 56.10	43.522	+ 2.67	− 26.1	3 48 24.60	− 3.53	+14 53 55.1	− 5.3
29	B. D.+20°669........	7	51 36.99	+ 0.18	− 3.13	342 3 57.52	44.998	+ 2.67	− 18.9	3 51 34.04	− 3.69	+21 2 37.4	− 3.2
30	λ Tauri..................	7	55 24.76	+ 0.13	− **3.13**	333 13 53.70	46.880	+ 2.67	− 29.5	3 55 21.75	....	+12 13 6.0	....
31	ν Tauri..................	7	58 6.02	+ 0.09	− **3.08**	326 43 57.30	47.825	+ 2.67	− 38.4	3 58 2.97	....	+ 5 43 22.3	....
	September 29, L.												
32	19 H. Camelopardalis ...	7	6 46.22	+ 1.54	− 3.35	40 7 58.45	42.715	+ 2.50	+ 49.6	5 6 44.41	....	+79 6 54.3	....
33	τ Orionis..............	7	12 59.73	+ 0.04	− **3.32**	314 3 52.72	48.428	+ 2.50	−1 0.4	5 12 56.42	....	− 6 56 50.6	....
34	γ Orionis..............	7	20 1.87	+ 0.12	− **3.41**	327 17 55.22	43.658	+ 2.50	− 37.6	5 19 58.64	....	+ 6 15 45.7	....
35	β Leporis..............	7	24 11.06	− 0.07	− 3.35	300 11 52.82	47.005	+ 2.50	−1 40.4	5 24 7.64	− 2.32	−20 50 2.9	− 7.8
36	α Leporis..............	7	28 32.89	− 0.04	− **3.35**	303 7 55.08	48.258	+ 2.50	−1 29.5	5 28 29.50	....	−17 53 21.2	....
37	ζ Tauri..................	7	31 57.11	+ 0.22	− **3.33**	342 5 55.68	45.982	+ 2.50	− 18.9	5 31 53.98	....	+21 4 57.9	....
38	ω Draconis s. p.........	7	37 33.79	− 0.52	− 3.35	72 9 58.88	43.425	+ 2.50	+3 1.4	17 37 29.92	....	+68 48 36.9	....
39	ν Aurigæ..............	7	44 52.59	+ 0.35	− 3.35	0 7 57.92	45.205	+ 2.50	+ 0.2	5 44 49.59	....	+39 7 1.4	....
40	δ Aurigæ..............	7	51 39.54	+ 0.52	− 3.35	15 17 58.22	42.780	+ 2.50	+ 16.1	5 51 36.71	....	+54 16 22.1	....
41	1 Geminorum...........	7	58 19.56	+ 0.24	− **3.33**	344 17 55.78	43.362	+ 2.50	− 16.5	5 58 16.45	....	+23 16 0.5	....
42	δ Ursæ Minoris s. p.....	6	3 24.12	− 4.30	− 3.35	54 21 58.28	46.123	+ 2.50	+1 22.1	18 3 16.47	....	+86 37 15.1	....
43	2 Lyncis..............	7	11 10.92	+ 0.61	− 3.35	20 3 57.75	42.760	+ 2.50	+ 21.6	6 11 8.18	− 4.24	+59 2 26.6	+21.4
44	ζ Canis Majoris.........	7	16 40.80	− 0.14	− 3.35	291 1 53.70	46.447	+ 2.50	−2 31.4	6 16 37.31	....	−30 1 5.9	....
45	χ Draconis s. p.	7	22 51.56	− 0.67	− 3.36	68 17 59.95	41.383	+ 2.50	+2 27.2	18 22 47.53	....	+72 41 56.7	....
46	13 Monocerotis...........	7	27 45.29	+ 0.14	− 3.36	328 25 54.68	44.775	+ 2.50	− 36.1	6 27 42.07	− 2.51	+ 7 24 12.2	+ 4.9
47	γ Geminorum...........	7	32 12.32	+ 0.20	[− **3.32**]	337 29 52.95	45.982	+ 2.50	− 24.3	6 32 9.16	....	+16 28 49.8	....
48	ε Geminorum...........	7	38 3.74	+ 0.25	[− **3.32**]	346 13 57.05	47.092	+ 2.50	− 14.3	6 38 0.63	....	+25 13 29.2	....
49	18 Monocerotis...........	7	42 53.74	+ 0.11	− 3.36	323 31 53.78	47.475	+ 2.50	− 43.4	6 42 50.49	....	+ 2 31 5.7	....
50	θ Geminorum...........	7	46 29.74	+ 0.32	− 3.36	355 5 56.15	44.120	+ 2.50	− 5.0	6 46 26.70	....	+34 4 29.4	....
51	θ Canis Majoris.........	7	49 46.38	+ 0.02	[− **3.30**]	309 5 54.00	48.505	+ 2.50	−1 12.1	6 49 43.04	....	−11 54 59.2	....
52	ε Canis Majoris.........	7	54 53.98	− 0.12	− 3.36	292 11 51.68	48.243	+ 2.50	−2 22.7	6 54 50.50	....	−28 50 18.2	....
53	ζ Geminorum...........	7	58 26.98	+ 0.23	[− **3.26**]	341 43 56.72	45.062	+ 2.50	− 19.4	6 58 23.85	....	+20 42 37.4	....
54	δ Canis Majoris.........	7	4 32.05	− 0.09	− 3.36	294 47 54.95	47.493	+ 2.50	−2 6.3	7 4 28.60	....	−26 14 15.6	....
55	λ Geminorum...........	7	12 36.67	+ 0.21	[− **3.32**]	337 43 55.80	45.768	+ 2.50	− 24.0	7 12 33.52	....	+16 42 48.1	....
56	τ Draconis s. p.	7	17 29.85	− 0.69	− 3.36	67 48 0.80	43.800	+ 2.50	+2 23.6	19 17 25.80	....	+73 11 4.2	....
57	β Canis Minoris.........	7	21 58.89	+ 0.16	[− **3.35**]	329 29 55.32	46.755	+ 2.50	− 34.5	7 21 55.69	....	+ 8 28 59.6	....
58	α Geminorum (*fol.*)....	7	28 30.26	+ 0.31	− 3.36	353 8 3.05	42.235	+ 2.50	− 7.0	7 28 27.21	....	+32 5 51.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 2 25	30.18	50.5	49.2
2 44	......	....	49.0
3 19	30.175	49.7	48.2
3 35	......	....	48.2
3 59	30.175	49.2	48.0
5 7	30.18	48.9	47.9
5 38	......	....	47.4
5 58	......	....	47.3
6 17	30.18	47.8	46.6
6 32	......	....	46.8
6 50	......	...	47.0
7 13	30.20	48.0	47.1

Micrometer bisections are made at II, VI, except as noted below.

24, 50.	Bisections at I, II.
32.	Bisections at III, V.
38, 45, 56.	Bisections at III, IV, V.
42.	Bisections at b_4, b_5, b_6.
44, 52, 54.	Bisections at I, II, VI.

Notes.

28.	Micrometer reading increased 10 rev.
38, 42, 45.	Unsteady.
56.	Very faint; poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Canis Minoris	7	34 18.90	+ 0.14	− 3.36	326 29 55.75	45.092	+ 2.50	− 38.8	7 34 15.68	.....	+ 5 28 17.8	....
2	κ Geminorum	7	38 40.90	+ 0.26	[− **3.26**]	345 37 57.32	47.550	+ 2.50	− 15.0	7 38 37.80	.....	+24 37 39.3	....
3	Venus S.	.	.. ..	.....	....	319 29 53.75	42.128	+ 3.41	− 48.6	.. ..	.....	− 1 33 0.8	....
4	Venus II, N.	7	1 34.79	+ 0.06	− 3.35	319 29 53.75	44.580	+ 3.41	− 48.6	11 1 31.50	− 1.89	− 1 32 4.8	....
	September 30, L.												
5	Sun I, S.	7	22 17.84	+ 0.05	− 3.36	318 13 54.02	46.488	+ 3.41	− 50.3	12 22 14.53	+64.31	− 2 47 23.1	....
6	Sun II, N.	7	24 26.47	+ 0.05	− 3.36	318 45 54.80	46.352	+ 3.41	− 49.4	12 24 23.16	−64.32	− 2 15 23.5	....
7	δ Ursæ Minoris	6	3 15.88	+ 4.27	− 3.36	47 35 57.92	48.430	+ 4.97	+1 1.9	18 3 16.79	.....	+86 37 19.3	....
8	ζ Aquilæ	7	1 2.76	+ 0.06	− **3.33**	334 43 54.05	47.898	+ 4.81	− 26.7	19 0 59.45	.....	+13 43 34.6	....
9	21 Aquilæ	7	8 55.26	− 0.01	− 3.37	323 9 54.08	44.692	+ 4.78	− 42.4	19 8 51.88	− 2.58	+ 2 8 5.4	−21.7
10	d Sagittarii	7	12 4.07	− 0.15	− **3.37**	301 53 52.32	48.495	+ 4.78	−1 30.7	19 12 0.55	.....	−19 7 17.7	....
11	κ Cygni	7	14 56.52	+ 0.36	− 3.37	14 11 56.98	46.905	+ 4.77	+ 14.5	19 14 53.51	.....	+53 11 55.8	....
12	δ Aquilæ	7	20 42.53	− 0.01	− **3.37**	323 55 54.50	48.752	+ 4.75	− 41.2	19 20 39.15	.....	+ 2 55 40.0	....
13	ε Aquilæ	7	25 41.61	− 0.04	− 3.37	318 1 53.88	47.220	+ 4.74	− 51.0	19 25 38.20	− 2.74	− 2 59 5.4	−21.0
14	κ Aquilæ	7	31 46.74	− 0.07	− **3.39**	313 47 53.98	44.550	+ 4.72	− 59.1	19 31 43.30	.....	− 7 14 14.4	....
15	β Sagittæ	7	36 47.46	+ 0.08	− **3.44**	338 15 55.45	47.590	+ 4.71	− 22.6	19 36 44.17	.....	+17 15 32.9	....
16	γ Aquilæ	7	41 44.91	+ 0.04	− **3.37**	331 23 53.52	46.720	+ 4.69	− 31.0	19 41 41.58	.....	+10 23 2.7	....
17	α Aquilæ	7	46 9.20	+ 0.03	− **3.40**	329 37 53.98	47.148	+ 4.68	− 33.3	19 46 5.86	.....	+ 8 37 10.7	....
18	φ Aquilæ	7	51 44.71	+ 0.04	− 3.37	332 11 54.58	44.958	+ 4.66	− 30.0	19 51 41.38	− 2.72	+11 10 24.5	−26.4
19	4 B. Ursæ Minoris s. p.	6	1 41.98	−13.12	− 3.37	52 3 57.72	47.295	+ 4.64	+1 13.3	8 1 25.49	.....	+88 54 55.2	....
20	66 Aquilæ	7	8 19.74	− 0.03	− 3.38	319 43 53.90	45.732	+ 4.62	− 48.2	20 8 16.33	− 2.93	− 1 17 36.7	−23.4
21	α^1 Capricorni	7	12 22.94	− 0.10	− 3.38	308 13 52.22	45.435	+ 4.61	−1 12.2	20 12 19.46	.....	−12 48 9.1	....
22	β Capricorni	7	15 40.40	− 0.12	− **3.37**	305 57 52.72	43.612	+ 4.60	−1 18.4	20 15 36.90	.....	−15 4 56.5	....
23	Moon I, S.	5	19 23.22	− 0.12	− 3.38	305 21 52.05	44.028	+ 4.58	−1 20.1	20 19 19.72	+63.25	−15 40 49.4	....
24	θ Cephei	7	28 3.06	+ 0.53	− 3.38	23 39 57.05	48.382	+ 4.56	+ 25.1	20 28 0.21	.....	+62 40 39.9	....
25	13 G. Microscopii	7	34 21.94	− 0.28	− 3.38	287 17 53.52	44.624	+ 4.54	−3 0.7	20 34 18.28	− 3.48	−33 46 14.8	−14.4
26	δ Delphini	7	39 2.14	+ 0.06	− 3.38	335 45 54.02	43.962	+ 4.53	− 25.7	20 38 58.82	− 2.98	+14 44 5.1	−28.6
27	6 H. Cephei	7	43 2.68	+ 0.43	− 3.38	18 13 57.28	48.170	+ 4.52	+ 18.9	20 42 59.73	− 3.03	+57 14 29.1	−34.4
28	μ Aquarii	7	47 32.01	− 0.08	− **3.36**	311 41 52.38	44.260	+ 4.51	−1 4.0	20 47 28.55	.....	− 9 20 28.0	....
29	32 Vulpeculæ	7	50 31.81	+ 0.14	− **3.36**	348 41 58.30	47.845	+ 4.50	− 11.4	20 50 28.57	.....	+27 41 52.6	....
30	f^1 Cygni	7	56 37.83	+ 0.29	− 3.38	8 9 55.98	45.095	+ 4.48	+ 8.3	20 56 34.74	− 3.12	+47 9 6.7	−33.7
31	θ Capricorni	7	0 36.62	− 0.14	− **3.42**	303 25 52.65	44.455	+ 4.47	−1 26.2	21 0 33.10	.....	−17 36 45.2	....
32	γ Equulei	7	5 43.94	+ 0.03	− 3.38	330 45 54.32	46.432	+ 4.45	− 31.9	21 5 40.59	− 3.14	+ 9 44 55.8	−27.8
33	α Equulei	7	11 5.05	0.00	− **3.33**	325 51 52.82	47.672	+ 4.44	− 38.7	21 11 1.67	.....	+ 4 51 15.9	....
	September 30, R.												
34	δ Aurigæ	7	51 39.48	+ 0.46	− 3.28	15 17 58.92	42.778	+ 2.88	+ 15.9	5 51 36.66	.....	+54 16 23.1	....
35	ν Orionis	7	2 8.04	+ 0.14	− **3.29**	335 47 54.00	45.772	+ 2.88	− 26.0	6 2 4.90	.....	+14 46 44.7	....
36	22 H. Camelopardalis	7	8 17.65	+ 0.80	− 3.28	30 21 57.92	43.420	+ 2.88	+ 34.0	6 8 15.17	.....	+69 20 54.5	....
37	ζ Canis Majoris	7	16 40.79	− 0.18	− 3.29	291 1 51.58	46.380	+ 2.88	−2 29.0	6 16 37.32	.....	−30 1 6.7	....
38	χ Draconis s. p.	7	22 51.44	− 0.71	− 3.29	68 18 0.08	41.518	+ 2.88	+2 24.9	18 22 47.44	.....	+72 41 54.4	....
39	13 Monocerotis	7	27 45.31	+ 0.09	− 3.29	328 25 54.02	44.740	+ 2.88	− 35.5	6 27 42.11	− 2.54	+ 7 24 11.7	+ 5.0
40	γ Geminorum	7	32 12.35	+ 0.15	− **3.27**	337 29 53.40	45.868	+ 2.88	− 23.9	6 32 9.21	.....	+16 28 48.6	....
41	ε Geminorum	7	38 3.82	+ 0.20	[− **3.31**]	346 13 56.45	47.040	+ 2.88	− 14.1	6 38 0.73	.....	+25 13 28.1	....
42	18 Monocerotis	7	42 53.83	+ 0.06	− 3.29	323 31 54.85	47.292	+ 2.88	− 42.7	6 42 50.60	.....	+ 2 31 3.6	....
43	θ Canis Majoris	7	49 46.45	− 0.03	[− **3.29**]	309 5 53.20	48.412	+ 2.88	−1 11.0	6 49 43.13	.....	−11 55 0.7	....
44	51 H. Cephei	7	55 28.36	+ 5.32	− 3.29	48 11 59.45	43.965	+ 2.88	+1 4.8	6 55 30.39	.....	+87 11 39.7	....
45	δ Canis Majoris	7	4 32.03	− 0.14	− 3.29	294 47 52.85	47.395	+ 2.88	−2 4.2	7 4 28.60	.....	−26 14 17.4	....
46	λ Geminorum	7	12 36.76	+ 0.15	[− **3.32**]	337 43 55.10	45.722	+ 2.88	− 23.6	7 12 33.62	.....	+16 42 47.1	....
47	β Canis Minoris	7	21 58.87	+ 0.10	[− **3.24**]	329 29 53.68	46.745	+ 2.88	− 34.0	7 21 55.68	.....	+ 8 28 58.7	....
48	α Geminorum (*fol.*)	7	28 30.30	+ 0.24	− 3.29	353 7 55.42	42.518	+ 2.88	− 6.9	7 28 27.25	.....	+32 5 50.8	....
49	Venus II, S.	7	0 41.54	+ 0.08	− 3.30	319 47 55.05	41.686	+ 4.26	− 47.6	11 0 38.32	− 1.87	− 1 15 7.8	....
	October 1, R.												
50	Sun I, S.	7	25 54.75	+ 0.07	− 3.31	317 51 54.60	42.918	+ 4.26	− 50.4	12 25 51.51	+64.29	− 3 10 43.3	....
51	Sun II, N.	7	28 3.32	+ 0.07	− 3.31	318 23 54.58	42.835	+ 4.26	− 49.5	12 28 0.08	−64.28	− 2 38 43.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 7 39	30.205	48.9	48.6
11 2	30.24	62.7	62.9
30 12 24	30.23	66.5	67.8
18 3	30.16	67.9	67.2
19 1	30.17	64.8	64.3
19 32	......	....	63.1
20 12	30.17	62.1	61.1
20 34	......	....	61.0
20 57	......	....	60.4
21 11	30.17	61.1	60.0
5 52	30.11	54.5	53.4
6 36	30.11	54.2	53.0
7 31	30.10	54.8	53.8
11 1	30.11	66.3	66.2
1 12 28	30.09	70.0	71.1

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at I, VII.
5, 50.	Bisections at I, II, III.
6, 51.	Bisections at V, VI, VII.
7.	Bisections at b_3, b_5, b_7.
9, 10, 26, 28, 30.	Bisections at I, II.
19.	Bisections at b_4, b_5, b_6, b_8.
23.	Bisections at II, III, IV, V, VI.
25, 49.	Bisections at I, II, VI, VII.
27.	Bisections at II, III.
34, 38, 40.	Bisections at VI, VII.
44.	Bisections at b_4, b_5, b_6.

Notes.

19. Very unsteady and diffuse.
25. Very unsteady; poor.
41. Circle reading increased 10°.
44. Faint; unsteady; revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+ 18.8	+ 28.1	...	+ 46.9
4	+ 18.8	− 28.1	+ 0.2	− 9.1
5	+ 5.8	+15 59.8	...	+16 5.6
6	+ 5.8	−15 59.8	...	−15 54.0
23	+43 59.7	+14 47.2	...	+58 46.9
49	+ 18.5	+ 27.9	...	+ 46.4
50	+ 5.9	+15 59.9	...	+16 5.8
51	+ 5.8	−15 59.9	...	−15 54.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	51 H. Cephei s. P.	6	55 38.53	– 6.57	– 6.34	63 47 56.92	45.500	+ 5.20	+1 16.4	6 55 30.62	....	+87 11 33.2	....
2	21 Aquilæ	7	8 55.21	– 0.02	– 3.34	323 9 53.22	44.658	+ 5.20	– 41.8	19 8 51.85	– 2.56	+ 2 8 5.1	–21.7
3	δ Aquilæ	7	20 42.49	– 0.01	– **3.35**	323 55 52.12	48.775	+ 5.20	– 40.6	19 20 39.14	....	+ 2 55 39.2	....
4	e Aquilæ	7	25 41.66	– 0.04	– 3.34	318 1 53.40	47.122	+ 5.20	– 50.2	19 25 38.28	– 2.72	– 2 59 6.9	–20.9
5	κ Aquilæ	7	31 46.69	– 0.07	– **3.36**	313 47 51.62	44.528	+ 5.20	– 58.2	19 31 43.27	....	– 7 14 15.9	....
6	β Sagittæ	7	36 47.45	+ 0.07	– **3.43**	338 15 54.55	47.555	+ 5.20	– 22.2	19 36 44.17	....	+17 15 32.1	....
7	γ Aquilæ	7	41 44.97	+ 0.03	– **3.44**	331 23 52.68	46.672	+ 5.20	– 30.4	19 41 41.65	....	+10 23 1.9	....
8	α Aquilæ	7	46 9.23	+ 0.02	– **3.44**	329 37 53.08	47.072	+ 5.20	– 32.7	19 46 5.90	....	+ 8 37 9.2	....
9	φ Aquilæ	7	51 44.75	+ 0.03	– 3.35	332 11 52.30	44.982	+ 5.20	– 29.5	19 51 41.43	– 2.70	+11 10 24.0	–26.4
10	15 Vulpeculæ	7	57 12.23	+ 0.12	– 3.35	348 29 55.28	47.322	+ 5.20	– 11.3	19 57 9.00	– 2.58	+27 29 38.4	–30.6
11	θ Aquilæ	7	6 24.39	– 0.03	– **3.40**	319 55 52.80	44.230	+ 5.20	– 47.0	20 6 21.01	....	– 1 6 10.4	....
12	33 Cygni	7	11 14.16	+ 0.36	– 3.35	17 17 57.28	43.938	+ 5.20	+ 17.5	20 11 11.17	....	+56 16 51.9	....
	October 1, L.												
13	α Leporis	7	28 33.23	– 0.12	– **3.55**	303 7 51.80	48.115	+ 4.34	–1 25.7	5 28 29.55	....	–17 53 22.1	....
14	ζ Tauri	7	31 57.49	+ 0.10	– **3.53**	342 5 54.82	45.888	+ 4.34	– 18.1	5 31 54.03	....	+21 4 57.5	....
15	ω Draconis s. P.	7	37 33.82	– 0.54	– 3.56	72 9 57.48	43.793	+ 4.34	+2 53.6	17 37 29.72	....	+68 48 35.8	....
16	ν Aurigæ	7	44 52.98	+ 0.22	– 3.56	0 7 55.88	45.260	+ 4.34	+ 0.2	5 44 49.64	....	+39 7 2.5	....
17	δ Aurigæ	4	51 39.96	+ 0.37	– 3.56	15 17 56.98	42.792	+ 4.34	+ 15.5	5 51 36.77	....	+54 16 22.4	....
18	1 Geminorum	7	58 19.92	+ 0.12	– **3.51**	344 17 54.85	43.258	+ 4.34	– 15.8	5 58 16.47	....	+23 15 59.8	....
19	ν Orionis	7	2 8.39	+ 0.07	– **3.54**	335 47 54.20	45.650	+ 4.34	– 25.3	6 2 4.89	....	+14 46 44.3	....
20	22 H. Camelopardalis	7	8 18.04	+ 0.67	– 3.57	30 22	......	....	. ....	6 8 15.14	....	+69 21	....
21	8 Monocerotis	7	18 43.76	+ 0.02	– **3.49**	325 39 51.42	45.718	+ 4.34	– 38.5	6 18 40.21	....	+ 4 38 30.0	....
22	ν Geminorum	7	23 18.48	+ 0.10	– **3.51**	341 17 54.92	44.192	+ 4.34	– 19.1	6 23 15.01	....	+20 16 18.1	....
23	13 Monocerotis	7	27 45.67	+ 0.03	– 3.57	328 25 52.70	44.682	+ 4.34	– 34.7	6 27 42.13	– 2.57	+ 7 24 11.3	+ 4.9
24	γ Geminorum	7	32 12.67	+ 0.08	– **3.49**	337 29 53.05	45.838	+ 4.34	– 23.4	6 32 9.18	....	+16 28 49.6	....
25	ε Geminorum	7	38 4.13	+ 0.13	[– **3.52**]	346 13 54.90	47.040	+ 4.34	– 13.8	6 38 0.69	....	+25 13 28.2	....
26	18 Monocerotis	7	42 54.11	0.00	– 3.57	323 31 53.22	47.298	+ 4.34	– 41.7	6 42 50.54	....	+ 2 31 4.7	....
27	θ Geminorum	7	46 30.14	+ 0.18	– 3.57	355 5 54.55	44.035	+ 4.34	– 4.8	6 46 26.75	....	+34 4 28.2	....
28	θ Canis Majoris	7	49 46.79	– 0.08	[– **3.55**]	309 5 51.25	48.448	+ 4.34	–1 9.5	6 49 43.14	....	–11 54 58.8	....
29	51 H. Cephei	7	55 29.93	+ 4.77	– 3.57	48 11 58.85	43.893	+ 4.34	+1 3.5	6 55 31.13	....	+87 11 37.5	....
30	δ Canis Majoris	7	4 32.36	– 0.18	– 3.57	294 47 51.98	47.336	+ 4.34	–2 1.8	7 4 28.61	....	–26 14 15.7	....
31	λ Geminorum	7	12 37.04	+ 0.08	[– **3.51**]	337 43 52.80	45.775	+ 4.34	– 23.2	7 12 33.55	....	+16 42 47.9	....
32	66 Aurigæ	7	17 31.60	+ 0.23	– 3.57	1 51 55.60	45.782	+ 4.34	+ 1.9	7 17 28.26	....	+40 51 15.9	....
33	β Canis Minoris	7	21 59.21	+ 0.04	[– **3.49**]	329 29 51.78	46.775	+ 4.34	– 33.3	7 21 55.68	....	+ 8 28 59.6	....
34	α Geminorum (*fol.*)	7	28 30.66	+ 0.17	– 3.58	353 7 55.50	42.490	+ 4.34	– 6.8	7 28 27.25	....	+32 5 51.8	....
35	α Canis Minoris	7	34 19.17	+ 0.02	– 3.58	326 29 51.60	45.130	+ 4.34	– 37.4	7 34 15.61	....	+ 5 28 17.7	....
36	β Geminorum	7	39 28.61	+ 0.14	[– **3.45**]	349 15 54.80	46.770	+ 4.34	– 10.7	7 39 25.17	....	+28 15 25.0	....
	October 4, L.												
37	ι Piscis Australis	9	39 17.78	– 0.21	– 3.76	287 35 51.92	45.514	+ 6.79	–2 55.5	21 39 13.81	– 3.53	–33 27 48.6	–17.0
38	14 Pegasi	9	45 40.11	+ 0.20	– 3.76	350 43 54.32	47.898	+ 6.79	– 9.1	21 45 36.55	– 3.37	+29 43 54.4	–31.5
39	13 Cephei	9	51 44.72	+ 0.46	– 3.76	17 9 55.45	46.085	+ 6.79	+ 17.6	21 51 41.42	– 3.94	+56 9 40.6	–33.2
40	28 Aquarii	9	56 14.35	+ 0.04	– 3.76	321 9 50.72	46.638	+ 6.79	– 45.4	21 56 10.63	– 3.34	+ 0 8 45.8	–26.0
41	ι Aquarii	9	1 19.15	– 0.05	– **3.73**	306 41 50.90	45.860	+ 6.79	–1 15.6	22 1 15.34	....	–14 20 2.0	....
42	28 Pegasi	9	6 2.11	+ 0.15	– 3.76	341 31 52.60	44.948	+ 6.79	– 18.8	22 5 58.50	– 3.44	+20 30 35.6	–29.7
43	θ Aquarii	9	11 50.18	– 0.01	– **3.80**	312 45 51.22	46.458	+ 6.79	–1 1.0	22 11 46.41	....	– 8 15 33.4	....
44	47 Aquarii	9	16 22.72	– 0.11	– 3.76	298 57 50.58	45.261	+ 6.79	–1 41.6	22 16 18.85	– 3.46	–22 4 41.9	–21.0
45	π Aquarii	9	20 26.57	+ 0.04	– **3.77**	321 55 52.05	43.370	+ 6.79	– 44.2	22 20 22.85	....	+ 0 53 33.7	....
46	δ Cephei	9	25 41.97	+ 0.49	– 3.76	18 55 55.42	45.970	+ 6.79	+ 19.5	22 25 38.70	– 4.52	+57 55 39.9	–31.4
47	η Aquarii	9	30 29.56	+ 0.03	– **3.78**	320 25 50.95	43.048	+ 6.79	– 46.7	22 30 25.83	....	– 0 36 37.3	....
48	13 Lacertæ	9	39 53.31	+ 0.29	– 3.76	2 19 54.35	45.345	+ 6.79	+ 2.4	22 39 49.84	– 4.00	+41 19 7.4	–30.3
49	τ Aquarii	9	44 34.73	– 0.05	– 3.76	306 55 51.92	46.195	+ 6.79	–1 15.0	22 44 30.92	– 3.48	–14 5 52.7	–23.1
50	λ Aquarii	9	47 40.61	– 0.01	– **3.82**	312 55 51.80	47.030	+ 6.79	–1 0.6	22 47 36.84	....	– 8 5 19.3	....
51	6 H¹. Draconis s. P.	9	52 13.11	– 1.08	– 3.76	62 41 56.00	45.593	+ 6.79	+1 49.6	10 52 8.27	....	+78 16 57.7	....
52	ο Andromedæ	9	57 35.07	+ 0.30	– 3.76	2 49 54.45	44.405	+ 6.79	+ 2.9	22 57 31.61	....	+41 48 46.6	....
53	c¹ Aquarii	9	1 35.74	– 0.13	– 3.76	296 47 50.85	43.135	+ 6.79	–1 51.4	23 1 31.85	– 3.52	–24 15 40.1	–21.3
54	c² Aquarii	9	4 23.97	– 0.11	– 3.76	299 21 50.45	42.925	+ 6.79	–1 40.1	23 4 20.10	....	–21 41 34.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 19 2	30.01	69.8	69.2
19 36	......	....	68.3
20 3	30.00	68.2	67.6
20 25	30.00	67.8	67.3
5 32	29.945	63.0	65.0
5 58	......	....	64.4
6 19	......	....	62.7
6 28	29.945	62.6	62.2
6 50	......	....	61.0
7 22	......	....	60.8
7 39	29.97	63.0	62.0
4 21 39	30.01	64.9	63.7
22 40	30.00	64.0	62.8

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at b_1, b_2, b_4.
9, 12, 22, 24.	Bisections at VI, VII.
15, 51.	Bisections at III, IV, V.
21, 26.	Bisections at II, VI, VII.
28, 30, 37, 44.	Bisections at I, II, VI, VII.
29.	Bisections at b_3, b_5, b_7.
32.	Bisections at III, V.

Notes

1, 3, 7, 11, 12, 18, 20, 21, 29.	Clouds.
15, 21, 22, 24, 26, 28, 29, 30.	Unsteady.
16.	Observed head north.
48.	Degrees and minutes of circle reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Jupiter I, C..........	5	8 52.94	0.00	− 3.76	313 51 51.92	45.941	+ 6.79	− 58.7	23 8 49.18	+ 1.72	− 7 7 59.3	....
2	Jupiter II..............	5	8 56.38	0.00	− 3.76	... .	......	....	. ....	23 8 52.62	− 1.72	.. ..	....
3	ψ^3 Aquarii..............	9	14 2.30	− 0.02	− 3.76	310 53 50.18	45.362	+ 6.79	−1 5.2	23 13 58.52	− 3.51	−10 8 3.7	−23.7
4	b^1 Aquarii..............	9	17 59.99	− 0.10	− 3.76	300 25 50.40	43.118	+ 6.79	−1 35.9	23 17 56.13	− 3.51	−20 37 25.4	−22.0
5	κ Piscium..............	9	22 4.94	+ 0.04	− **3.77**	321 45 51.72	44.330	+ 6.79	− 44.5	23 22 1.22	.....	+ 0 43 55.0	....
6	1 H. Cassiopeiæ.........	9	25 41.61	+ 0.49	− 3.76	19 1 55.52	45.030	+ 6.79	+ 19.6	23 25 38.34	− 5.30	+58 1 18.6	−26.6
7	14 Piscium..............	9	29 17.11	+ 0.03	− 3.76	319 15 53.40	43.210	+ 6.79	− 48.7	23 29 13.38	− 3.58	− 1 46 33.2	−24.6
8	Moon I, S..............	9	33 40.42	+ 0.02	− 3.76	318 45 52.75	42.915	+ 6.79	− 49.5	23 33 36.68	+62.46	− 2 16 41.4	....
9	ι^1 Aquarii..............	8	39 17.70	− 0.08	− **3.79**	302 13 51.10	45.153	+ 6.79	−1 29.4	23 39 13.86	.....	−18 48 31.8	....
10	φ Pegasi..............	9	47 40.63	+ 0.14	− **3.77**	339 35 53.50	46.985	+ 6.79	− 21.0	23 47 37.01	.....	+18 35 20.8	....
	October 4, R.												
11	ζ Canis Majoris.........	9	16 41.12	− 0.18	− 3.61	291 1 50.52	46.148	+ 6.55	−2 26.2	6 16 37.33	.....	−30 1 6.5	....
12	10 Monocerotis...........	9	23 16.24	0.00	− **3.54**	316 19 51.68	44.640	+ 6.55	− 54.1	6 23 12.63	.....	− 4 42 7.6	....
13	13 Monocerotis...........	9	27 45.70	+ 0.07	− 3.61	328 25 51.82	44.622	+ 6.55	− 34.8	6 27 42.16	− 2.65	+ 7 24 11.2	+ 5.0
14	γ Geminorum...........	9	32 12.79	+ 0.12	− **3.57**	337 29 51.42	45.772	+ 6.55	− 23.5	6 32 9.30	.....	+16 28 48.3	....
15	ε Geminorum...........	9	38 4.24	+ 0.16	− **3.56**	346 13 52.95	47.008	+ 6.55	− 13.9	6 38 0.79	.....	+25 13 27.7	....
16	18 Monocerotis...........	9	42 54.25	+ 0.04	− 3.61	323 31 52.75	47.188	+ 6.55	− 41.9	6 42 50.68	.....	+ 2 31 3.6	....
17	θ Canis Majoris.........	9	49 46.86	− 0.04	[− **3.58**]	309 5 51.08	48.295	+ 6.55	−1 9.7	6 49 43.21	.....	−11 55 0.5	....
18	ε Canis Majoris.........	9	54 54.49	− 0.16	− 3.61	292 11 50.20	47.802	+ 6.55	−2 17.9	6 54 50.72	.....	−28 50 20.8	....
19	γ Canis Majoris.........	9	59 27.97	− 0.06	[− **3.57**]	305 31 51.20	47.758	+ 6.55	−1 19.2	6 59 24.30	.....	−15 29 22.1	....
20	δ Canis Majoris.........	8	4 32.48	− 0.14	− 3.61	294 47 51.00	47.205	+ 6.55	−2 2.0	7 4 28.73	.....	−26 14 17.7	....
21	λ Geminorum...........	9	12 37.18	+ 0.12	[− **3.59**]	337 43 52.82	45.615	+ 6.55	− 23.2	7 12 33.69	.....	+16 42 46.4	....
22	6 Canis Minoris.........	9	24 29.76	+ 0.10	− 3.61	333 13 52.30	44.602	+ 6.55	− 28.6	7 24 26.25	− 2.38	+12 12 17.4	+ 9.9
23	α Geminorum (*fol.*)....	9	28 30.77	+ 0.20	− 3.61	353 7 54.18	42.388	+ 6.55	− 6.8	7 28 27.36	.....	+32 5 50.4	....
24	Venus II, S...........	9	58 39.13	+ 0.06	− 3.64	320 51 50.70	45.235	+ 7.79	− 45.2	10 58 35.55	− 1.79	− 0 9 45.1	....
	October 5, R.												
25	Sun I, N.............	9	40 25.52	+ 0.04	− 3.64	316 49 49.88	45.777	+ 7.79	− 51.6	12 40 21.92	+64.43	− 4 11 40.4	....
26	Sun II, S.............	9	42 34.38	+ 0.04	− 3.64	316 17 51.12	45.652	+ 7.79	− 52.6	12 42 30.78	−64.43	− 4 43 42.0	....
27	Moon I, S.............	9	22 51.84	+ 0.02	− 3.65	322 49 50.48	44.518	+ 7.75	− 42.5	0 22 48.21	+63.10	+ 1 48 1.0	....
	October 6, Br.												
28	β Cygni...............	9	26 54.39	+ 0.12	− **3.70**	348 45 52.32	47.888	+ 7.55	− 11.0	19 26 50.74	.....	+27 45 51.0	....
29	β Sagittæ..............	9	36 47.67	+ 0.08	− **3.76**	338 15 52.32	47.495	+ 7.55	− 22.1	19 36 43.98	.....	+17 15 31.2	....
30	δ Sagittæ..............	9	43 9.96	+ 0.08	− **3.78**	339 17 51.60	49.135	+ 7.55	− 21.0	19 43 6.27	.....	+18 18 8.8	....
31	4 B. Ursæ Minoris S. P. .	8	1 46.99	− 9.94	− 3.77	52 3 53.80	47.510	+ 7.55	+1 11.6	8 1 33.28	.....	+88 54 53.3	....
32	176 B. Cygni..............	9	16 50.41	+ 0.19	− 3.77	0 5 53.25	48.782	+ 7.55	+ 0.2	20 16 46.83	− 2.55	+39 6 23.5	−33.3
33	α Delphini..............	9	35 14.56	+ 0.07	− **3.77**	336 35 51.48	45.402	+ 7.55	− 24.1	20 35 10.86	.....	+15 34 40.3	....
34	f^1 Cygni...............	9	56 38.12	+ 0.24	− 3.77	8 9 53.62	45.128	+ 7.55	+ 8.1	20 56 34.59	− 2.98	+47 9 8.3	−34.5
35	γ Equulei..............	9	5 44.33	+ 0.04	− 3.77	330 45 51.00	46.335	+ 7.55	− 31.2	21 5 40.60	− 3.06	+ 9 44 54.1	−27.9
36	α Equulei..............	9	11 5.44	+ 0.02	− **3.82**	325 51 50.98	47.515	+ 7.55	− 37.8	21 11 1.69	.....	+ 4 51 14.4	....
37	1 Pegasi...............	9	17 42.82	+ 0.09	− **3.75**	340 23 50.72	48.368	+ 7.55	− 19.8	21 17 39.14	.....	+19 23 51.6	....
38	β Aquarii..............	7	26 34.29	− 0.03	− **3.81**	315 1 49.35	46.480	+ 7.55	− 55.7	21 26 30.49	.....	− 5 59 28.7	....
39	γ Capricorni...........	9	34 50.30	− 0.10	− **3.76**	303 55 50.28	47.102	+ 7.55	−1 22.7	21 34 46.43	.....	−17 5 40.5	....
40	ι Piscis Australis......	9	39 17.79	− 0.21	− 3.77	287 35 50.30	45.368	+ 7.55	−2 53.7	21 39 13.81	− 3.50	−33 27 50.8	−16.7
41	14 Pegasi...............	9	45 40.15	+ 0.13	− 3.77	350 43 52.45	47.895	+ 7.55	− 9.1	21 45 36.51	− 3.34	+29 43 53.2	−31.7
42	13 Cephei...............	9	51 44.81	+ 0.34	− 3.77	17 9 54.72	46.140	+ 7.55	+ 17.4	21 51 41.38	− 3.89	+56 9 41.7	−33.6
43	ι Aquarii..............	9	1 19.22	− 0.08	− **3.79**	306 41 49.40	45.795	+ 7.55	−1 14.8	22 1 15.37	.....	−14 20 3.4	....
44	Moon N.................	.	.. ..	....	....	327 21 50.75	47.670	+ 7.55	− 35.8	.. ..	.....	+ 6 21 22.2	....
45	Moon II, S.............	9	15 29.30	+ 0.02	− 3.77	326 51 50.52	44.965	+ 7.55	− 36.5	1 15 25.55	−64.13	+ 5 50 13.9	....
	October 7, R.												
46	51 H. Cephei S. P.	9	55 40.28	− 3.40	− 3.67	53 47 53.82	45.550	+ 7.99	+1 15.8	6 55 33.21	.....	+87 11 33.4	....
47	21 Aquilæ..............	9	8 55.41	− 0.03	− 3.67	323 9 50.68	44.618	+ 7.99	− 41.5	19 8 51.71	− 2.45	+ 2 8 4.7	−21.6
48	λ Ursæ Minoris..........	6	18 20.28	+ 9.67	− 3.67	49 59 54.32	45.247	+ 7.99	+1 6.2	19 18 26.28	.....	+89 0 10.2	....
49	γ Aquilæ...............	9	41 45.11	+ 0.01	− **3.67**	331 23 50.15	46.642	+ 7.99	− 30.2	19 41 41.45	.....	+10 23 1.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 23 14	......	....	62.4
23 48	29.995	63.3	62.5
6 17	29.95	61.0	59.9
7 9	29.95	60.7	59.7
7 44	29.95	60.9	60.0
10 59	29.98	70.6	71.0
5 12 43	29.96	74.0	74.8
0 23	29.95	67.2	66.0
6 19 27	29.94	70.5	70.0
20 11	......	....	69.1
20 35	29.95	69.1	68.7
22 1	29.95	68.1	67.8
1 19	29.94	66.8	66.0
7 19 0	29.82	70.8	70.0
19 44	29.81	69.7	68.8

Micrometer bisections are made at II, VI, except as noted below.

1. Z. D. threads A used.
1, 24. Bisections at I, II, VI, VII.
8, 27. Bisections at II, III, IV, V, VI.
9. Bisections at I, II, VI.
12, 40, 45. Bisections at VI, VII.
25, 44. Bisections at I, II, III.
26. Bisections at V, VI, VII.
29. Bisection at VI.
31, 48. Bisections at b_4, b_5, b_6.
46. Bisections at b_3, b_5, b_7.

Notes.

11. Unsteady.
38, 40, 41, 43. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 1.6	.. ....	...	+ 1.6
8	+36 15.0	+15 5.9	...	+51 20.9
24	+ 17.2	+ 26.6	...	+ 43.8
25	+ 6.0	−16 0.8	...	−15 54.8
26	+ 6.0	+16 0.8	...	+16 6.8
27	+33 29.5	+15 14.0	...	+48 43.5
44	+30 7.6	−15 21.4	...	+14 46.2
45	+30 33.4	+15 21.4	− 0.3	+45 54.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	θ Aquilæ	9	6 24.57	− 0.04	− **3.67**	319 55 49.98	44.212	+ 7.99	− 46.7	20 6 20.86	.....	− 1 6 10.5	....
2	30 Cygni	9	10 21.00	+ 0.19	− 3.67	7 31 53.82	47.198	+ 7.99	+ 7.4	20 10 17.52	− 2.38	+46 31 55.7	−34.3
3	β Capricorni	9	15 40.57	− 0.11	− **3.67**	305 57 49.42	43.462	+ 7.99	−1 16.4	20 15 36.79	.....	−15 4 57.9	....
4	π Capricorni	9	21 53.13	− 0.13	− **3.71**	302 31 48.90	42.550	+ 7.99	−1 26.9	20 21 49.33	.....	−18 31 29.7	....
5	θ Cephei	9	28 3.12	+ 0.36	− 3.67	23 39 52.42	48.515	+ 7.99	+ 24.5	20 27 59.81	.....	+62 40 41.2	....
6	13 G. Microscopii	6	34 22.08	− 0.24	− 3.67	287 17 49.85	44.338	+ 7.99	−2 56.0	20 34 18.17	− 3.34	−33 46 16.9	−13.6
7	ψ Capricorni	9	40 28.33	− 0.18	− 3.67	295 25 47.78	45.390	+ 7.99	−1 56.2	20 40 24.48	.....	−25 36 55.2	....
8	ω Capricorni	9	46 9.22	− 0.19	− 3.67	293 45 48.40	46.415	+ 7.99	−2 5.3	20 46 5.36	− 3.27	−27 16 40.2	−16.3
9	32 Vulpeculæ	9	50 32.02	+ 0.08	− **3.64**	348 41 53.68	47.858	+ 7.99	− 11.0	20 50 28.43	.....	+27 41 52 1	....
10	η Capricorni	9	59 0.24	− 0.14	− 3.67	300 47 48.42	46.702	+ 7.99	−1 32.9	20 58 56.43	− 3.22	−20 14 1.3	−19.0
11	γ Equulei	9	5 44.22	+ 0.01	− 3.67	330 45 51.42	46.325	+ 7.99	− 31.1	21 5 40.56	− 3.04	+ 9 44 54.8	−27.9
12	α Equulei	9	11 5.33	− 0.01	− **3.69**	325 51 50.62	47.508	+ 7.99	− 37.6	21 11 1.65	.....	+ 4 51 14.6	....
13	ι Capricorni	9	16 57.90	− 0.12	− **3.69**	303 47 49.60	44.910	+ 7.99	−1 22.8	21 16 54.11	.....	−17 14 31.0	....
14	ζ Capricorni	9	21 15.05	− 0.16	− 3.67	298 13 48.30	43.055	+ 7.99	−1 43.1	21 21 11.22	.....	−22 49 34.9	....
15	β Aquarii	9	26 34.17	− 0.06	− **3.67**	315 1 50.35	46.415	+ 7.99	− 55.5	21 26 30.44	.....	− 5 59 28.6	....
16	72 Cygni	9	30 55.59	+ 0.14	− 3.67	359 7 53.58	43.875	+ 7.99	− 0.8	21 30 52.06	− 3.27	+38 6 31.2	−33.2
17	γ Capricorni	9	34 50.21	− 0.12	− **3.66**	303 55 49.60	47.098	+ 7.99	−1 22.4	21 34 46.42	.....	−17 5 40.6	....
18	14 Pegasi	5	45 40.10	+ 0.09	− 3.67	350 43 59.12	47.570	+ 7.99	− 9.0	21 45 36.52	− 3.33	+29 43 53.0	−31.8
	October 11, L.												
19	Venus II, S	9	0 52.62	+ 0.12	− 3.96	322 15 56.92	44.242	+ 5.93	− 43.7	11 0 48.78	− 1.62	+ 1 13 58.1	....
20	Mercury C, C	9	11 44.04	+ 0.10	− 3.96	320 27 54.45	45.695	+ 5.93	− 46.4	12 11 40.18	− 0.14	− 0 33 33.9	....
	October 12, L.												
21	Sun I, N	9	6 3.26	+ 0.06	− 3.96	314 9 53.60	45.112	+ 5.93	− 57.8	13 5 59.36	+64.94	− 6 51 59.9	....
22	Sun II, S	9	8 13.15	+ 0.06	− 3.96	313 37 53.72	44.807	+ 5.93	− 58.8	13 8 9.25	−64.95	− 7 24 6.8	....
23	ε Aquilæ	9	25 42.06	+ 0.01	− 4.00	318 1 55.62	47.075	+ 5.46	− 50.7	19 25 38.07	− 2.52	− 2 59 5.9	−20.8
24	κ Aquilæ	9	31 47.08	− 0.02	− **4.00**	313 47 54.82	44.430	+ 5.46	− 58.8	19 31 43.06	.....	− 7 14 15.3	....
25	β Sagittæ	9	36 47.72	+ 0.14	− **3.99**	338 15 56.18	47.538	+ 5.46	− 22.5	19 36 43.86	.....	+17 15 33.3	....
26	δ Sagittæ	8	43 9.96	+ 0.14	− **3.96**	339 17 57.02	49.050	+ 5.46	− 21.3	19 43 6.10	.....	+18 18 10.2	....
27	ε Draconis	9	48 34.37	+ 0.83	− 4.00	31 1 58.75	45.762	+ 5.46	+ 34.2	19 48 31.20	.....	+70 1 52.0	....
28	4 B. Ursæ Minoris s. P.	7	1 57.99	−13.90	− 4.00	52 3 59.05	47.232	+ 5.46	+1 12.9	8 1 40.09	.....	+88 54 54.1	....
29	ρ Aquilæ	9	9 53.75	+ 0.12	− 4.00	335 55 55.72	45.182	+ 5.46	− 25.3	20 9 49.87	− 2.58	+14 54 36.2	−28.3
30	β Capricorni	9	15 40.80	− 0.08	− **4.01**	305 57 54.18	43.448	+ 5.46	−1 18.0	20 15 36.72	.....	−15 4 57.5	....
31	ρ Capricorni	9	23 26.81	− 0.10	− **3.98**	302 53 53.42	47.048	+ 5.46	−1 27.4	20 23 22.71	.....	−18 7 45.7	....
32	θ Cephei	9	28 2.99	+ 0.62	− 4.00	23 39 57.65	48.380	+ 5.46	+ 25.0	20 27 59.61	.....	+62 40 41.3	....
33	13 G. Microscopii	8	34 22.38	− 0.25	− 4.00	287 17 55.35	44.410	+ 5.46	−3 0.1	20 34 18.13	− 3.25	−33 46 16.4	−13.4
34	γ Delphini (*fol.*)	9	42 16.21	+ 0.13	− 4.00	336 47 55.28	46.165	+ 5.46	− 24.3	20 42 12.34	− 2.79	+15 46 59.3	−29.4
35	μ Aquarii	9	47 32.43	− 0.04	− **4.00**	311 41 53.72	44.122	+ 5.46	−1 3.8	20 47 28.39	.....	− 9 20 28.4	....
36	ν Cygni	9	53 39.92	+ 0.30	− 4.00	1 47 57.90	48.108	+ 5.46	+ 1.9	20 53 36.22	.....	+40 48 12.4	....
37	θ Capricorni	9	0 36.99	− 0.10	− **4.00**	303 25 53.00	44.383	+ 5.46	−1 26.0	21 0 32.89	.....	−17 36 45.4	....
38	ν Aquarii	9	4 25.91	− 0.05	− **4.09**	309 15 53.45	46.935	+ 5.46	−1 9.5	21 4 21.86	.....	−11 45 30.1	....
39	ζ Cygni	9	8 55.21	+ 0.21	− **3.99**	350 51 57.35	43.645	+ 5.46	− 9.1	21 8 51.42	.....	+29 50 18.9	....
40	σ Cygni	9	13 43.06	+ 0.29	− 4.00	359 59 57.25	47.332	+ 5.46	− 0.1	21 13 39.35	.....	+38 59 52.0	....
41	B. A. C. 7504	7	19 8.53	+ 4.63	− 4.00	47 37 59.00	46.938	+ 5.46	+1 2.7	21 19 9.16	.....	+86 38 47.6	....
42	β Aquarii	9	26 34.37	− 0.01	− **3.99**	315 1 54.42	46.452	+ 5.46	− 56.8	21 26 30.36	.....	− 5 59 27.5	....
43	72 Cygni	9	30 55.68	+ 0.28	− 4.00	359 7 58.48	43.880	+ 5.46	− 0.8	21 30 51.96	− 3.18	+38 6 33.7	−34.0
44	γ Capricorni	9	34 50.46	− 0.09	− **4.01**	303 55 53.65	47.147	+ 5.46	−1 24.4	21 34 46.37	.....	−17 5 40.0	....
45	ε Pegasi	9	39 32.39	+ 0.08	− **3.97**	330 27 54.65	44.732	+ 5.46	− 32.3	21 39 28.47	.....	+ 9 26 17.9	....
46	14 Pegasi	9	45 40.16	+ 0.21	− 4.00	350 43 56.22	47.892	+ 5.46	− 9.2	21 45 36.37	− 3.26	+29 43 54.7	−32.5
	October 12, Ei.-Y.												
47	B. D. −2°5826	9	42 37.33	+ 0.01	− 3.80	318 43 56.28	45.825	+ 5.47	− 50.1	22 42 33.54	− 3.43	− 2 17 33.2	−25.3
48	λ Aquarii	9	47 40.51	− 0.03	− **3.76**	312 55 53.25	47.038	+ 5.47	−1 1.4	22 47 36.68	.....	− 8 5 19.8	....
49	B. D. −1°4355	9	49 26.19	+ 0.01	− 3.80	319 27 56.68	46.075	+ 5.47	− 48.8	22 49 22.40	− 3.44	− 1 33 25.9	−25.4
50	B. D. −5°5894	9	52 23.18	− 0.01	− 3.80	315 41 55.35	46.833	+ 5.47	− 55.7	22 52 19.37	− 3.44	− 5 19 16.6	−24.5
51	B. D. −0°4443	9	55 46.68	+ 0.02	− 3.80	320 41 54.20	45.450	+ 5.47	− 46.8	22 55 42.90	− 3.47	− 0 19 40.6	−25.5

Time.	Barom.	Att. Ther.	Ext. Ther.
h h m	in.	°	°
7 20 25	......	....	68.0
20 54	29.81	68.5	67.8
21 39	......	....	67.2
21 50	29.795	68.0	67.1
11 12 12	29.765	60.2	60.6
12 13 8	29.76	61.5	61.9
19 26	29.80	60.2	59.9
19 58	......	....	58.4
20 34	29.81	57.2	56.8
21 4	......	....	56.1
21 40	......	....	55.4
21 46	29.82	56.1	55.3
22 40	29.82	55.0	54.0

Micrometer bisections are made at II, VI, except as noted below.

2, 26. Bisections at VI, VII.
19, 20, 33. Bisections at I, II, VI, VII.
21. Bisections at I, II, III.
22. Bisections at V, VI, VII.
27. Bisections at III, V.
28. Bisections at b_3, b_7, b_9.
31. Bisections at I, II.
37, 44 Bisections at I, II, VI.
41. Bisections at b_3, b_5, b_7.
50. Bisections at II, VI, VII.

Notes.

18. Clouds.
23, 28, 33. Diffuse.
31, 34. Unsteady.
47–51. Images woolly and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
19	+ 15.0	+ 24.0	...	+ 39.0
20	+ 7.0	.. ....	+ 1.0	+ 8.0
21	+ 6.3	−16 3.4	...	−15 57.1
22	+ 6.4	+16 3.4	...	+16 9.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.– 1°4382	9	58 17.52	+ 0.02	– 3.80	320 3 55.48	48.795	+ 5.47	– 47.8	22 58 13.74	– 3.48	– 0 56 23.9	–25.3
2	B. D.–11°5997	9	0 56.78	– 0.04	– 3.80	310 3 53.38	47.465	+ 5.47	–1 7.8	23 0 52.94	– 3.45	–10 57 16.3	–23.3
3	B. D.– 3°5576	9	4 11.73	+ 0.01	– 3.80	318 1 56.75	49.262	+ 5.47	– 51.3	23 4 7.94	– 3.48	– 2 58 15.4	–24.8
4	B. D.–12°6444(*mean*)	9	7 2.52	– 0.06	– 3.80	308 33 56.30	47.682	+ 5.47	–1 11.6	23 6 58.66	– 3.46	–12 27 12.3	–22.9
5	B. D.– 4°5852	9	10 41.75	0.00	– 3.80	316 59 54.90	47.238	+ 5.47	– 53.2	23 10 37.95	– 3.50	– 4 1 5.4	–24.5
6	B. D.– 9°6160	9	12 59.13	– 0.04	– 3.80	311 17 56.58	49.658	+ 5.47	–1 4.9	23 12 55.29	– 3.48	– 9 42 20.1	–23.4
7	B. D.–11°6053	9	15 57.22	– 0.04	– 3.80	309 57 53.42	47.092	+ 5.47	–1 8.1	23 15 53.38	– 3.48	–11 3 25.1	–23.1
8	B. D.–11°6064	9	18 6.78	– 0.05	– 3.80	309 43 55.98	45.965	+ 5.47	–1 8.7	23 18 2.93	– 3.48	–11 17 48.9	–23.0
9	B. D.–10°6114	9	21 41.64	– 0.04	– 3.80	310 27 53.58	46.362	+ 5.47	–1 6.9	23 21 37.80	– 3.49	–10 33 40.4	–23.1
10	B. D.–10°6120	9	24 6.96	– 0.04	– 3.80	311 13 53.28	46.480	+ 5.47	–1 5.1	23 24 3.12	– 3.50	– 9 47 36.2	–23.2
11	B. D.– 9°6206	8	26 52.79	– 0.03	– 3.80	312 9 53.48	46.868	+ 5.47	–1 3.0	23 26 48.96	– 3.51	– 8 51 25.1	–23.4
12	14 Piscium	9	29 17.10	+ 0.01	– 3.80	319 13 55.05	48.465	+ 5.47	– 49.2	23 29 13.31	– 3.56	– 1 46 33.3	–24.5
13	B. D.+ 1°4744	9	31 33.66	+ 0.03	– 3.80	322 35 57.82	45.028	+ 5.47	– 43.7	23 31 29.89	– 3.59	+ 1 34 16.5	–24.9
14	B. D.– 8°6166	9	35 55.75	– 0.03	– 3.80	312 33 54.72	48.788	+ 5.47	–1 2.1	23 35 51.92	– 3.53	– 8 26 39.1	–23.3
15	B. D.– 7°6078	9	39 55.50	– 0.02	– 3.80	313 33 59.55	44.738	+ 5.47	–1 0.1	23 39 51.68	– 3.54	– 7 28 4.8	–23.3
16	B. D.– 7°6086	9	43 40.81	– 0.02	– 3.80	314 5 54.48	48.428	+ 5.47	– 58.9	23 43 36.99	– 3.55	– 6 54 44.4	–23.4
17	B. D.– 7°6104	9	48 15.56	– 0.02	– 3.80	313 49 54.70	47.862	+ 5.47	– 59.5	23 48 11.74	– 3.56	– 7 10 57.7	–23.2
18	B. D.+ 3°4909	9	51 56.49	+ 0.05	– 3.80	325 11 55.05	48.265	+ 5.47	– 39.7	23 51 52.74	– 3.67	+ 4 11 31.7	–24.5
19	B. D.+ 0°5080	9	55 43.63	+ 0.03	– 3.80	321 31 54.90	49.655	+ 5.47	– 45.4	23 55 39.86	– 3.64	+ 0 31 57.6	–24.0
20	B. D.+ 1°4820	9	57 56.04	+ 0.03	– 3.80	322 37 56.05	44.308	+ 5.47	– 43.7	23 57 52.27	– 3.65	+ 1 35 58.3	–24.0
21	B. D.+ 4°5089	9	2 11.56	+ 0.05	– 3.80	325 47 57.10	42.330	+ 5.47	– 38.9	0 2 7.81	– 3.70	+ 4 45 18.9	–24.2
22	B. D.– 6°11	9	5 28.31	– 0.01	– 3.80	315 13 55.80	47.958	+ 5.47	– 56.7	0 5 24.50	– 3.59	– 5 46 51.6	–22.8
23	B. D.– 1°14	9	9 59.28	+ 0.02	– 3.80	320 9 54.15	49.540	+ 5.47	– 47.7	0 9 55.50	– 3.65	– 0 50 8.1	–23.3
24	B. D.– 2°31	9	12 58.03	+ 0.01	– 3.80	318 37 55.60	45.475	+ 5.47	– 50.4	0 12 54.24	– 3.64	– 2 23 42.2	–23.0
25	B. D.+ 6°30	9	17 7.84	+ 0.06	– 3.80	327 29 54.85	46.305	+ 5.47	– 36.4	0 17 4.10	– 3.75	+ 6 28 50.0	–23.6
26	B. D.+ 3°46	9	21 24.87	+ 0.04	– 3.80	324 17 56.00	48.770	+ 5.47	– 41.1	0 21 21.11	– 3.72	+ 3 17 42.8	–23.1
27	B. D.+ 9°47	9	23 26.64	+ 0.08	– 3.80	330 41 57.20	43.615	+ 5.47	– 32.1	0 23 22.92	– 3.82	+ 9 39 55.1	–23.4
28	B. D.+ 6°64	9	27 30.95	+ 0.06	– 3.80	327 25 56.02	48.250	+ 5.47	– 36.5	0 27 27.21	– 3.77	+ 6 25 35.1	–23.0
29	B. D.– 1°68	9	30 41.49	+ 0.02	– 3.80	319 59 53.90	44.830	+ 5.47	– 48.0	0 30 37.71	– 3.67	– 1 1 56.3	–22.3
30	B. D.+ 1°105	9	32 59.28	+ 0.04	– 3.80	322 53 55.48	44.428	+ 5.47	– 43.3	0 32 55.52	– 3.71	+ 1 52 0.8	–22.4
31	B. D.+ 0°96	9	33 57.33	+ 0.03	– 3.80	321 25 53.72	47.835	+ 5.47	– 45.6	0 33 53.56	– 3.70	+ 0 25 14.9	–22.3
32	B. D.+ 7°100	9	38 10.08	+ 0.07	– 3.80	329 3 54.60	46.470	+ 5.47	– 34.3	0 38 6.35	– 3.82	+ 8 2 55.6	–22.5
33	B. D.+ 8°110	9	43 16.27	+ 0.08	– 3.80	329 43 53.95	43.860	+ 5.47	– 33.4	0 43 12.55	– 3.83	+ 8 41 56.2	–22.2
34	B. D.+ 9°97	9	45 37.94	+ 0.08	– 3.80	330 53 57.22	47.440	+ 5.47	– 31.8	0 45 34.22	– 3.86	+ 9 53 22.9	–22.0
35	B. D.+ 7°124	9	47 37.68	+ 0.07	– 3.80	329 9 54.80	45.855	+ 5.47	– 34.2	0 47 33.95	– 3.83	+ 8 8 41.8	–21.9
36	B. D.+ 8°130	9	51 37.54	+ 0.08	– 3.80	329 43 57.00	45.592	+ 5.47	– 33.4	0 51 33.82	– 3.85	+ 8 42 38.8	–21.6
37	B. D.+ 6°135	9	53 25.11	+ 0.06	– 3.80	327 19 55.98	48.245	+ 5.47	– 36.7	0 53 21.37	– 3.81	+ 6 19 35.1	–21.4
38	B. D.+ 9°116	9	57 0.32	+ 0.08	– 3.80	330 35 54.25	45.115	+ 5.47	– 32.3	0 56 56.60	– 3.87	+ 9 34 26.3	–21.3
39	B. D.– 0°163	9	59 26.65	+ 0.02	– 3.80	321 7 54.82	44.705	+ 5.47	– 46.2	0 59 22.87	– 3.71	+ 0 6 3.6	–20.9
40	B. D.+12°135	9	1 34.91	+ 0.10	– 3.80	333 27 57.75	45.038	+ 5.47	– 28.6	1 1 31.21	– 3.93	+12 26 31.7	–20.9
41	*e* Piscium	9	3 29.82	+ 0.06	– 3.80	326 9 53.42	45.722	+ 5.47	– 38.4	1 3 26.08	– 3.80	+ 5 8 33.2	–20.8
42	B. D.+13°176	9	6 45.92	+ 0.10	– 3.80	334 21 55.32	49.005	+ 5.47	– 27.5	1 6 42.22	– 3.96	+13 22 1.0	–20.6
43	ζ^1 Piscium	9	8 47.33	+ 0.07	– **3.79**	328 5 55.50	44.322	+ 5.47	– 35.7	1 8 43.60	....	+ 7 4 6.0	....
44	υ Piscium	9	14 15.88	+ 0.18	– **3.75**	347 45 56.92	47.192	+ 5.47	– 12.4	1 14 12.26	....	+26 45 36.2	....
45	ξ^1 Ceti	9	7 59.02	+ 0.09	– **3.79**	329 25 57.08	43.388	+ 5.47	– 33.9	2 7 55.31	....	+ 8 23 48.0	....
46	67 Ceti	9	12 16.11	0.00	– **3.85**	314 9 54.62	45.510	+ 5.47	– 59.0	2 12 12.31	....	– 6 51 51.3	....
47	B. D.+12°317	9	13 43.94	+ 0.11	– 3.80	333 35 55.82	40.785	+ 5.47	– 28.5	2 13 40.25	– 3.96	+12 32 52.7	–15.0
48	B. D.+ 7°371	9	16 31.46	+ 0.08	– 3.80	328 19 53.70	46.130	+ 5.47	– 35.4	2 16 27.74	– 3.83	+ 7 18 45.8	–15.4
49	B. D.+14°392	9	19 16.24	+ 0.13	– 3.80	336 5 56.20	47.205	+ 5.47	– 25.4	2 19 12.57	– 4.02	+15 5 22.9	–14.3
50	B. D.+ 9°321	9	21 40.94	+ 0.10	– 3.80	331 9 54.28	43.898	+ 5.47	– 31.6	2 21 37.24	– 3.89	+10 7 59.2	–14.6
51	B. D.+ 8°385	9	24 32.01	+ 0.10	– 3.80	330 9 53.68	44.598	+ 5.47	– 32.9	2 24 28.31	– 3.86	+ 9 8 13.3	–14.5
52	B. D.+18°325	9	28 18.76	+ 0.15	– 3.80	339 27 55.95	47.055	+ 5.47	– 21.5	2 28 15.11	– 4.10	+18 27 23.1	–13.0
53	B. D.+22°372	9	31 17.72	+ 0.18	– 3.80	343 39 54.18	43.302	+ 5.47	– 16.8	2 31 14.10	– 4.23	+22 38 0.2	–12.3
54	B. D.+14°439	9	33 47.82	+ 0.13	– 3.80	335 27 55.48	45.562	+ 5.47	– 26.2	2 33 44.15	– 3.98	+14 26 43.8	–13.0
55	μ Arietis	9	37 1.48	+ 0.16	– 3.80	340 37 57.02	43.638	+ 5.47	– 20.2	2 36 57.84	– 4.13	+19 36 7.3	–12.0
56	B. D.+16°342	9	40 26.95	+ 0.14	– 3.80	337 37 54.25	46.005	+ 5.47	– 23.6	2 40 23.29	– 4.03	+16 36 55.3	–12.1
57	B. D.+19°424	9	42 58.78	+ 0.16	– 3.80	340 37 56.80	44.702	+ 5.47	– 20.2	2 42 55.14	– 4.12	+19 36 31.5	–11.4
58	B. D.+18°359	9	45 21.19	+ 0.16	– 3.80	339 47 56.20	43.025	+ 5.47	– 21.2	2 45 17.55	– 4.09	+18 45 51.5	–11.3
59	B. D.+12°406	9	49 27.23	+ 0.12	– 3.80	333 33 54.40	46.120	+ 5.47	– 28.6	2 49 23.55	– 3.91	+12 32 53.1	–11.8
60	B. D.+20°480	9	52 39.75	+ 0.17	– 3.80	341 17 56.52	45.890	+ 5.47	– 19.4	2 52 36.12	– 4.13	+20 16 59.1	–10.3
61	B. D.+22°416	9	55 8.22	+ 0.18	– 3.80	343 27 56.12	45.230	+ 5.47	– 17.1	2 55 4.60	– 4.19	+22 26 45.9	– 9.7
62	B. D.+13°494	9	58 19.53	+ 0.13	– 3.80	335 7 56.78	42.740	+ 5.47	– 26.7	2 58 15.86	– 3.94	+14 5 40.1	–10.8
63	B. D.+23°407	9	2 20.96	+ 0.19	– 3.80	344 19 55.55	46.108	+ 5.47	– 16.1	3 2 17.35	– 4.20	+23 19 6.4	– 8.8

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
12 23 9	......	....	54.1	31. Bisections at VI, VII.					
23 33	29.82	54.0	54.0	46. Bisections at I, II.					
0 0	......	....	53.8						
0 18	29.82	53.7	53.3						
0 40	......	....	53.0						
1 11	29.825	53.0	52.7						
2 5	29.83	52.7	52.2	Notes.					
2 36	......	....	51.5	1-31. Images woolly; unsteady.					
3 0	29.835	51.5	51.0	32-56. Images sharper and less unsteady.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Arietis	9	6 12.54	+ 0.16	**− 3.77**	340 23 56.48	42.762	+ 5.47	− 20.5	3 6 8.90	.....	+19 21 46.5	....
2	ζ Arietis	9	9 27.20	+ 0.18	**− 3.82**	341 41 55.70	46.670	+ 5.47	− 19.0	3 9 23.58	.....	+20 41 16.5	....
3	B. D.+18°459	9	14 23.67	+ 0.16	− 3.80	339 45 54.58	42.415	+ 5.47	− 21.2	3 14 20.03	− 4.03	+18 43 36.0	− 8.4
4	B. D.+16°433	9	17 59.13	+ 0.15	− 3.80	337 13 55.82	47.198	+ 5.47	− 24.1	3 17 55.48	− 3.95	+16 13 23.6	− 8.5
5	B. D.+17°550	9	20 1.63	+ 0.16	− 3.80	338 25 56.62	44.405	+ 5.47	− 22.8	3 19 57.99	− 3.98	+17 24 21.9	− 8.0
6	B. D.+16°450	9	24 21.59	+ 0.15	− 3.80	337 27 56.72	43.100	+ 5.47	− 23.9	3 24 17.94	− 3.94	+16 25 51.1	− 7.8
7	B. D.+17°564	9	25 57.93	+ 0.16	− 3.80	338 37 55.12	44.920	+ 5.47	− 22.5	3 25 54.29	− 3.97	+17 36 32.5	− 7.4
8	B. D.+18°507	9	29 52.71	+ 0.16	− 3.80	339 37 57.42	40.552	+ 5.47	− 21.4	3 29 49.07	− 3.99	+18 34 56.0	− 6.8
9	B. D.+20°602	9	33 29.86	+ 0.18	− 3.80	341 37 57.18	43.525	+ 5.47	− 19.1	3 33 26.24	− 4.04	+20 36 6.0	− 6.0
10	B. D.+14°598	8	36 53.92	+ 0.14	− 3.80	335 29 55.58	46.315	+ 5.47	− 26.3	3 36 50.26	− 3.85	+14 29 1.0	− 7.0
11	B. D.+24°546	9	39 30.09	+ 0.20	− 3.80	345 33 56.20	43.648	+ 5.47	− 14.8	3 39 26.49	− 4.15	+24 32 11.9	− 4.5
12	B. D.+18°537	9	40 34.83	+ 0.17	− 3.80	339 17 57.52	43.155	+ 5.47	− 21.8	3 40 31.20	− 3.95	+18 15 55.2	− 5.8
13	B. D.+22°563	9	42 43.85	+ 0.20	− 3.80	344 9 57.18	41.792	+ 5.47	− 16.4	3 42 40.25	− 4.10	+23 7 29.1	− 4.4
14	B. D.+20°643	9	44 15.26	+ 0.18	− 3.80	341 53 55.78	43.180	+ 5.47	− 18.8	3 44 11.64	− 4.02	+20 51 57.1	− 4.8
15	B. D.+18°550	9	46 56.26	+ 0.17	− 3.80	339 19 57.40	44.822	+ 5.47	− 21.8	3 46 52.63	− 3.93	+18 18 33.2	− 5.2
16	B. D.+16°527	9	49 3.41	+ 0.16	− 3.80	337 21 56.12	43.875	+ 5.47	− 24.1	3 48 59.77	− 3.86	+16 20 8.0	− 5.4
17	B. D.+24°599	9	51 45.94	+ 0.20	− 3.80	345 11 55.48	45.645	+ 5.47	− 15.2	3 51 42.34	− 4.10	+24 10 56.7	− 3.3
18	B. D.+15°565	9	55 23.52	+ 0.15	− 3.80	336 13 55.78	44.238	+ 5.47	− 25.4	3 55 19.87	− 3.81	+15 12 14.7	− 5.0
19	B. D.+17°676	9	59 13.82	+ 0.16	− 3.80	338 15 55.70	46.550	+ 5.47	− 23.0	3 59 10.18	− 3.86	+17 15 9.8	− 4.1
20	ψ Tauri	9	1 8.28	+ 0.23	− 3.80	349 45 59.42	43.825	+ 5.47	− 10.4	4 1 4.71	− 4.23	+28 44 24.0	− 1.1
21	B. D.+22°637 (*mean*)	9	3 14.61	+ 0.20	− 3.80	343 51 56.78	44.488	+ 5.47	− 16.7	4 3 11.01	− 4.01	+22 50 30.3	− 2.4
22	B. D.+15°592	8	5 32.07	+ 0.16	− 3.80	336 43 54.75	42.852	+ 5.47	− 24.8	4 5 28.43	− 3.79	+15 41 42.8	− 4.0
23	B. D.+19°679	9	8 49.44	+ 0.18	− 3.80	340 21 55.45	43.810	+ 5.47	− 20.6	4 8 45.82	− 3.88	+19 20 9.3	− 2.7
24	B. D.+24°643	9	12 43.39	+ 0.21	− 3.80	345 47 56.50	43.135	+ 5.47	− 14.6	4 12 39.80	− 4.04	+24 46 0.9	− 0.9
25	B. D.+27°655	9	14 30.89	+ 0.23	− 3.80	348 7 57.75	46.000	+ 5.47	− 12.1	4 14 27.32	− 4.11	+27 7 10.1	− 0.1
26	B. D.+25°707	9	16 48.25	+ 0.22	− 3.80	346 25 56.28	43.268	+ 5.47	− 13.9	4 16 44.67	− 4.04	+25 24 4.4	− 0.3
27	B. D.+16°586	9	17 58.41	+ 0.16	− 3.80	337 35 55.20	41.225	+ 5.47	− 23.8	4 17 54.77	− 3.76	+16 33 7.1	− 2.5
28	ε Tauri	9	23 4.55	**+ 0.18**	**− 3.80**	339 59 55.42	43.345	+ 5.47	− 21.0	4 23 0.93	.....	+18 57 58.3	....
29	α Tauri	9	30 28.63	**+ 0.17**	**− 3.84**	337 19 54.68	45.960	+ 5.47	− 24.1	4 30 25.00	.....	+16 18 54.2	....
	October 12, Br.												
30	1 Geminorum	7	58 20.55	**+ 0.23**	**− 3.91**	344 17 57.20	43.115	+ 5.61	− 16.3	5 58 16.84	.....	+23 15 59.6	....
31	ζ Canis Majoris	9	16 41.76	− 0.14	− 3.94	291 1 53.32	46.195	+ 5.54	−2 29.7	6 16 37.68	.....	−30 1 7.2	....
32	Neptune C, C	9	25 46.91	+ 0.22	− 3.94	343 15 56.78	45.264	+ 5.51	− 17.4	6 25 43.19	.....	+22 14 47.1	....
33	ε Geminorum	9	38 4.82	+ 0.24	**− 3.98**	346 13 56.98	46.882	+ 5.47	− 14.2	6 38 1.12	.....	+25 13 27.4	....
34	18 Monocerotis	9	42 54.76	+ 0.10	− 3.94	323 31 55.95	47.085	+ 5.45	− 42.9	6 42 50.92	.....	+ 2 31 2.6	....
35	θ Canis Majoris	9	49 47.42	+ 0.01	**− 3.96**	309 5 54.12	48.288	+ 5.43	−1 11.4	6 49 43.49	.....	−11 55 0.5	....
36	Moon II, S	9	59 12.38	+ 0.19	− 3.94	337 53 55.68	46.351	+ 5.39	− 23.6	6 59 8.63	−70.42	+16 53 4.6	....
37	25 H. Camelopardalis	8	10 53.14	+ 2.14	− 3.94	43 35 59.40	43.825	+ 5.35	+ 55.6	7 10 51.34	.....	+82 35 29.5	....
38	β Canis Minoris	9	21 59.89	+ 0.14	**− 3.96**	329 29 55.00	46.560	+ 5.30	− 34.2	7 21 56.09	.....	+ 8 28 58.0	....
39	α Geminorum (*fol.*)	9	28 31.33	+ 0.29	− 3.94	353 7 57.30	42.305	+ 5.28	− 7.0	7 28 27.68	.....	+32 5 50.1	....
40	κ Geminorum	9	38 42.02	+ 0.24	**[− 3.95]**	345 37 56.22	47.388	+ 5.26	− 14.9	7 38 38.32	.....	+24 37 37.3	....
41	χ Geminorum	9	57 40.04	+ 0.26	**[− 3.94]**	349 3 56.25	47.512	+ 5.20	− 11.2	7 57 36.36	.....	+28 3 43.8	....
42	3 H. Ursæ Majoris	7	3 16.55	+ 0.82	− 3.94	29 45 57.70	43.990	+ 5.18	+ 33.4	8 3 13.43	.....	+68 45 9.3	....
43	30 Monocerotis	9	20 54.86	+ 0.06	**[− 3.92]**	317 25 54.20	46.212	+ 5.12	− 53.4	8 20 50.98	.....	− 3 35 30.1	....
44	ε Hydræ	9	41 44.34	+ 0.13	**[− 3.96]**	327 47 55.68	44.988	+ 5.03	− 36.6	8 41 40.53	.....	+ 6 46 20.1	....
45	ζ Hydræ	9	50 21.92	+ 0.12	**[− 3.94]**	327 19 54.98	46.030	+ 5.01	− 37.2	8 50 18.10	.....	+ 6 18 42.5	....
46	Venus II, S	9	1 45.93	+ 0.08	− 3.92	322 23 54.98	45.159	+ 5.32	− 43.9	11 1 42.09	− 1.59	+ 1 22 16.3	....
47	Mercury II, C	9	12 30.26	+ 0.07	− 3.92	320 39 55.08	44.252	+ 5.72	− 46.4	12 12 26.41	− 0.27	− 0 22 6.5	....
	October 13, Br.												
48	Sun I, S	9	9 44.84	+ 0.03	− 3.92	313 13 54.48	48.547	+ 5.72	− 59.9	13 9 40.95	+65.00	− 7 46 42.8	....
49	Sun II, N	9	11 54.84	+ 0.03	− 3.92	313 45 54.80	48.803	+ 5.72	− 58.7	13 11 50.95	−65.00	− 7 14 34.5	....
50	δ Aquilæ	9	20 42.85	+ 0.02	**− 3.96**	323 55 55.40	48.600	+ 6.38	− 41.0	19 20 38.96	.....	+ 2 55 39.3	....
51	e Aquilæ	9	25 41.93	− 0.01	− 3.91	318 1 53.65	47.080	+ 6.36	− 50.6	19 25 38.01	− 2.51	− 2 59 6.8	−20.8
52	κ Aquilæ	9	31 46.99	− 0.04	**− 3.91**	313 47 53.55	44.400	+ 6.35	− 58.8	19 31 43.04	.....	− 7 14 16.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 3 32	......	....	50.1
3 53	29.845	50.5	49.5
4 32	29.845	49.7	49.0
6 8	29.85	48.9	47.0
6 26	......	....	46.7
7 17	29.86	47.8	46.0
7 39	......	....	46.0
7 58	......	....	46.0
8 21	29.88	49.0	46.8
8 42	29.88	49.8	47.4
8 50	......	....	47.9
11 2	29.89	56.9	56.3
12 13	29.89	60.0	59.9
13 13 12	29.88	61.9	62.0
19 21	......	....	60.7
19 26	29.83	60.9	....

Micrometer bisections are made at II, VI, except as noted below.

11.	Bisections at I, II.
17, 18, 28.	Bisections at II, VII.
20–22, 27, 34.	Bisections at VI, VII.
32, 46, 47.	Bisections at I. II, VI. VII.
36.	Bisections at II, III, IV, V, VI.
37.	Bisections at III, IV, V.
42.	Bisections at III, V.
48.	Bisections at I, II, III.
49.	Bisections at V, VI, VII.

Notes.

21. Circle reading decreased 2′.

31. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
32	+ 0.1	.. ....	...	+ 0.1
36	+21 55.9	+16 6.4	...	+38 2.3
46	+ 14.8	+ 23.7	...	+ 38.5
47	+ 6.7	.. ....	+1.0	+ 7.7
48	+ 6.4	+16 4.1	...	+16 10.5
49	+ 6.3	−16 4.1	...	−15 57.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Sagittæ	9	36 47.73	+ 0.10	− **3.98**	338 15 55.58	47.450	+ 6.33	− 22.5	19 36 43.92	....	+17 15 31.6	....
2	δ Sagittæ	9	43 9.93	+ 0.10	− **3.91**	339 17 56.48	48.995	+ 6.31	− 21.3	19 43 6.12	....	+18 18 9.2	....
3	ε Draconis	8	48 34.41	+ 0.67	− 3.91	31 1 57.88	45.822	+ 6.30	+ 34.2	19 48 31.17	....	+70 1 53.3	....
4	4 B. Ursæ Minoris s. P.	6	1 58.18	−11.17	− 3.91	52 3 58.12	47.322	+ 6.26	+1 12.8	8 1 43.10	....	+88 54 53.3	....
5	β Capricorni	9	15 40.78	− 0.09	− **4.00**	305 57 54.18	43.392	+ 6.22	−1 17.9	20 15 36.78	....	−15 4 58.0	....
6	ρ Capricorni	9	23 26.77	− 0.11	− **3.94**	302 53 52.62	47.000	+ 6.20	−1 27.3	20 23 22.75	....	−18 7 46.5	....
7	ψ Capricorni	9	40 28.53	− 0.17	− 3.91	295 25 51.90	45.370	+ 6.15	−1 58.5	20 40 24.45	....	−25 36 55.7	....
8	μ Aquarii	8	47 32.39	− 0.05	− **3.97**	311 41 52.48	44.090	+ 6.13	−1 3.6	20 47 28.43	....	− 9 20 29.7	....
9	ρ Ursæ Majoris s. P.	8	53 55.06	− 0.42	− 3.91	72 57 59.38	44.912	+ 6.11	+3 3.9	8 53 50.73	− 2.09	+67 59 56.3	+30.9
10	θ Capricorni	9	0 36.93	− 0.11	− **3.95**	303 25 52.20	44.322	+ 6.09	−1 25.7	21 0 32.91	....	−17 36 46.6	....
11	ζ Cygni	9	8 55.15	+ 0.16	− **3.91**	350 51 55.68	43.640	+ 6.07	− 9.1	21 8 51.40	....	+29 50 17.7	....
12	σ Cygni	9	13 43.01	+ 0.23	− 3.91	359 59 55.38	47.362	+ 6.05	+ 0.1	21 13 39.33	....	+38 59 51.6	....
13	B. A. C. 7504	4	19 9.12	+ 3.73	− 3.91	47 37 58.15	46.985	+ 6.03	+1 2.4	21 19 8.94	....	+86 38 47.9	....
14	72 Cygni	9	30 55.67	+ 0.22	− 3.91	359 7 56.02	43.882	+ 6.00	− 0.8	21 30 51.98	− 3.16	+38 6 31.8	−34.2
15	γ Capricorni	9	34 50.37	− 0.10	− **3.93**	303 55 53.00	47.092	+ 5.99	−1 24.1	21 34 46.36	....	−17 5 41.0	....
16	ι Piscis Australis	9	39 17.92	− 0.24	− 3.91	287 35 52.10	45.448	+ 5.98	−2 56.6	21 39 13.77	− 3.39	−33 27 51.9	−16.0
17	14 Pegasi	9	45 40.21	+ 0.16	− 3.91	350 43 55.58	47.855	+ 5.96	− 9.2	21 45 36.46	− 3.24	+29 43 53.7	−32.7
	October 13, Ei.-Y.												
18	B. D.− 6°6074	9	43 22.55	− 0.02	− 3.78	314 45 55.40	44.072	+ 5.81	− 57.4	22 43 18.75	− 3.40	− 6 16 21.1	−24.4
19	μ Pegasi	9	45 26.52	+ 0.14	− **3.76**	345 5 58.10	47.952	+ 5.80	− 15.1	22 45 22.88	....	+24 5 52.4	....
20	λ Aquarii	9	47 40.53	− 0.04	− **3.78**	312 55 53.30	46.998	+ 5.80	−1 1.1	22 47 36.71	....	− 8 5 20.1	....
21	B. D.− 1°4355	9	49 26.22	0.00	− 3.78	319 27 56.12	46.058	+ 5.79	− 48.6	22 49 22.44	− 3.44	− 1 33 26.3	−25.4
22	B. D.− 5°5894	9	52 23.26	− 0.02	− 3.78	315 41 55.48	46.758	+ 5.79	− 55.5	22 52 19.46	− 3.44	− 5 19 17.8	−24.5
23	B. D.− 0°4443	9	55 46.71	+ 0.01	− 3.78	320 41 53.90	45.405	+ 5.78	− 46.6	22 55 42.94	− 3.46	− 0 19 41.4	−25.5
24	B. D.− 1°4382	9	58 17.52	0.00	− 3.78	320 3 54.12	48.805	+ 5.77	− 47.6	22 58 13.74	− 3.47	− 0 56 24.5	−25.3
25	B. D.−11°5997	9	0 56.76	− 0.05	− 3.78	310 3 53.52	47.392	+ 5.77	−1 7.6	23 0 52.93	− 3.44	−10 57 17.4	−23.2
26	B. D.− 3°5576	9	4 11.76	− 0.01	− 3.78	318 1 55.35	49.285	+ 5.76	− 51.1	23 4 7.97	− 3.48	− 2 58 15.8	−24.8
27	B. D.−12°6444(*mean*)	9	7 2.55	− 0.06	− 3.78	308 33 54.80	47.695	+ 5.75	−1 11.3	23 6 58.71	− 3.45	−12 27 12.9	−22.9
28	B. D.− 4°5852	9	10 41.76	− 0.01	− 3.78	316 59 55.38	47.165	+ 5.75	− 53.0	23 10 37.97	− 3.49	− 4 1 6.1	−24.5
29	B. D.− 9°6160	9	12 59.05	− 0.05	− 3.78	311 17 54.98	49.695	+ 5.74	−1 4.7	23 12 55.22	− 3.47	− 9 42 20.4	−23.4
30	B. D.−11°6053	9	15 57.20	− 0.05	− 3.78	309 57 54.65	47.020	+ 5.73	−1 7.8	23 15 53.37	− 3.48	−11 3 25.0	−23.1
31	B. D.−11°6064	9	18 6.77	− 0.06	− 3.78	309 43 53.50	46.042	+ 5.73	−1 8.4	23 18 2.93	− 3.48	−11 17 49.1	−23.0
32	B. D.−10°6114	9	21 41.70	− 0.05	− 3.78	310 27 53.25	46.315	+ 5.72	−1 6.7	23 21 37.87	− 3.49	−10 33 41.3	−23.1
33	B. D.−10°6120	9	24 6.99	− 0.05	− 3.78	311 13 52.45	46.485	+ 5.71	−1 4.9	23 24 3.16	− 3.50	− 9 47 36.5	−23.2
34	B. D.− 9°6206	9	26 52.74	− 0.04	− 3.78	312 9 52.90	46.845	+ 5.71	−1 2.8	23 26 48.92	− 3.50	− 8 51 25.7	−23.3
35	14 Piscium	9	29 17.12	0.00	− 3.78	319 13 55.22	48.412	+ 5.70	− 49.1	23 29 13.34	− 3.55	− 1 46 34.0	−24.5
36	B. D.+ 1°4744	9	31 33.65	+ 0.02	− 3.78	322 35 55.88	45.090	+ 5.70	− 43.6	23 31 29.89	− 3.58	+ 1 34 16.3	−25.0
37	B. D.− 8°6166	9	35 55.75	− 0.04	− 3.78	312 33 53.22	48.805	+ 5.69	−1 2.0	23 35 51.93	− 3.52	− 8 26 39.9	−23.2
38	B. D.− 7°6078	9	39 55.49	− 0.03	− 3.78	313 33 54.20	44.942	+ 5.68	− 59.9	23 39 51.68	− 3.54	− 7 28 5.1	−23.3
39	B. D.− 7°6086	9	43 40.76	− 0.03	− 3.78	314 5 54.35	48.408	+ 5.67	− 58.8	23 43 36.95	− 3.55	− 6 54 44.6	−23.3
40	B. D.− 7°6104	9	48 15.59	− 0.03	− 3.78	313 49 53.35	47.910	+ 5.66	− 59.3	23 48 11.78	− 3.55	− 7 10 57.5	−23.2
41	B. D.+ 3°4909	9	51 56.53	+ 0.03	− 3.78	325 11 56.30	48.175	+ 5.65	− 39.6	23 51 52.78	− 3.66	+ 4 11 31.1	−24.6
42	B. D.+ 1°4820	9	57 56.08	+ 0.02	− 3.78	322 37 56.38	44.270	+ 5.64	− 43.6	23 57 52.32	− 3.65	+ 1 35 58.0	−24.0
43	B. D.+ 4°5089	8	2 11.56	+ 0.04	− 3.78	325 47 55.70	42.370	+ 5.63	− 38.8	0 2 7.82	− 3.70	+ 4 45 18.7	−24.2
44	B. D.− 6°11	9	5 28.34	− 0.02	− 3.78	315 13 54.18	48.008	+ 5.62	− 56.5	0 5 24.54	− 3.59	− 5 46 51.7	−22.9
45	B. D.− 1°14	9	9 59.26	0.00	− 3.78	320 9 55.02	49.500	+ 5.61	− 47.6	0 9 55.48	− 3.65	− 0 50 7.9	−23.3
46	B. D.− 2°31	9	12 57.98	0.00	− 3.78	318 37 55.00	45.502	+ 5.60	− 50.3	0 12 54.20	− 3.64	− 2 23 42.0	−23.0
47	B. D.+ 6°30	9	17 7.78	+ 0.05	− 3.78	327 29 54.38	46.300	+ 5.59	− 36.4	0 17 4.05	− 3.75	+ 6 28 49.5	−23.6
48	B. D.+ 3°46	9	21 24.91	+ 0.03	− 3.78	324 17 55.18	48.790	+ 5.58	− 41.0	0 21 21.16	− 3.72	+ 3 17 42.9	−23.1
49	B. D.+ 9°47	9	23 26.61	+ 0.06	− 3.78	330 41 54.92	43.728	+ 5.58	− 32.1	0 23 22.89	− 3.82	+ 9 39 55.6	−23.5
50	B. D.+ 6°64	9	27 30.92	+ 0.05	− 3.78	327 25 54.25	48.320	+ 5.57	− 36.4	0 27 27.19	− 3.77	+ 6 25 35.5	−23.0
51	B. D.− 1°68	9	30 41.48	0.00	− 3.78	319 59 55.00	44.768	+ 5.56	− 47.9	0 30 37.70	− 3.68	− 1 1 56.4	−22.3
52	B. D.+ 0°96	9	33 57.31	+ 0.01	− 3.78	321 25 53.82	47.850	+ 5.56	− 45.5	0 33 53.54	− 3.70	+ 0 25 15.2	−22.3
53	B. D.+ 7°100	9	38 10.06	+ 0.06	− 3.78	329 3 54.02	46.495	+ 5.55	− 34.2	0 38 6.34	− 3.82	+ 8 2 55.8	−22.5
54	B. D.+ 8°110	9	43 16.29	+ 0.06	− 3.78	329 43 54.10	43.845	+ 5.54	− 33.4	0 43 12.57	− 3.84	+ 8 41 56.3	−22.2
55	B. D.+ 9°97	9	45 37.90	+ 0.06	− 3.78	330 53 53.68	47.610	+ 5.53	− 31.8	0 45 34.18	− 3.86	+ 9 53 23.3	−22.1
56	B. D.+ 7°124	9	47 37.61	+ 0.06	− 3.78	329 9 54.05	45.845	+ 5.53	− 34.1	0 47 33.89	− 3.83	+ 8 8 41.0	−22.0
57	B. D.+ 8°130	9	51 37.55	+ 0.06	− 3.78	329 43 54.35	45.740	+ 5.52	− 33.4	0 51 33.83	− 3.85	+ 8 42 39.6	−21.7
58	B. D.+ 6°135	9	53 25.09	+ 0.04	− 3.78	327 19 55.20	48.295	+ 5.51	− 36.6	0 53 21.35	− 3.81	+ 6 19 35.6	−21.5
59	B. D.+ 9°116	9	57 0.36	+ 0.06	− 3.78	330 35 54.82	45.080	+ 5.50	− 32.2	0 56 56.64	− 3.87	+ 9 34 26.2	−21.4
60	B. D.− 0°163	9	59 26.73	+ 0.01	− 3.78	321 7 57.12	44.600	+ 5.50	− 46.1	0 59 22.96	− 3.72	+ 0 6 3.6	−20.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 20 8	......	....	59.2
20 23	29.84	59.1	59.0
21 1	29.83	58.3	58.1
21 46	29.83	57.9	57.6
22 41	29.83	56.7	56.3
23 9	......	....	56.0
23 33	29.825	55.4	55.4
0 0	......	....	55.0
0 18	29.825	55.2	54.2
0 40	......	....	53.9

Micrometer bisections are made at II, VI, except as noted below.

2, 48, 54. Bisections at VI, VII.
3, 9. Bisections at III, V.
4. Bisections at b_4, b_5, b_6.
8. Bisection at I.
13. Bisections at IV, V.
32, 34. Bisections at II, VII.

Notes.

6. Faint; unsteady.
21, 22. Images unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+12°135	9	1 34.96	+ 0.08	− 3.78	333 27 54.22	45.210	+ 5.49	− 28.6	1 1 31.26	− 3.94	+12 26 32.1	−21.0
2	e Piscium	9	3 29.83	+ 0.04	− 3.78	326 9 53.58	45.715	+ 5.49	− 38.4	1 3 26.09	− 3.80	+ 5 8 33.2	−20.8
3	B. D.+13°176	9	6 45.93	+ 0.08	− 3.78	334 21 54.70	49.055	+ 5.48	− 27.4	1 6 42.23	− 3.96	+13 22 1.7	−20.7
4	ζ¹ Piscium	9	8 47.36	+ 0.05	− **3.79**	328 5 55.22	44.345	+ 5.48	− 35.6	1 8 43.63	....	+ 7 4 6.6	....
5	υ Piscium	9	14 15.87	+ 0.16	− **3.72**	347 45 57.42	47.155	+ 5.47	− 12.4	1 14 12.25	....	+26 45 36.1	....
6	ξ¹ Ceti	9	7 59.04	+ 0.17	− **3.78**	329 25 56.45	43.392	+ 5.40	− 33.9	2 7 55.33	....	+ 8 23 47.4	....
7	67 Ceti	9	12 16.09	− 0.02	− **3.80**	314 9 53.70	45.550	+ 5.40	− 59.0	2 12 12.29	....	− 6 51 51.3	....
8	B. D.+12°317	9	13 43.93	+ 0.09	− 3.78	333 33 54.70	46.110	+ 5.39	− 28.5	2 13 40.24	− 3.97	+12 32 53.2	−15.1
9	B. D.+ 7°371	9	16 31.48	+ 0.06	− 3.78	328 19 54.42	46.098	+ 5.39	− 35.4	2 16 27.76	− 3.84	+ 7 18 45.7	−15.4
10	B. D.+14°392	9	19 16.30	+ 0.11	− 3.78	336 5 56.40	47.200	+ 5.39	− 25.4	2 19 12.63	− 4.03	+15 5 22.9	−14.4
11	B. D.+ 9°321	9	21 41.03	+ 0.08	− 3.78	331 9 54.62	43.860	+ 5.39	− 31.6	2 21 37.33	− 3.90	+10 7 58.6	−14.7
12	B. D.+ 8°385	9	24 32.06	+ 0.07	− 3.78	330 9 54.58	44.552	+ 5.39	− 32.9	2 24 28.35	− 3.88	+ 9 8 13.1	−14.5
13	B. D.+18°325	9	28 18.79	+ 0.13	− 3.78	339 27 57.35	46.975	+ 5.39	− 21.5	2 28 15.14	− 4.12	+18 27 22.6	−13.1
14	B. D.+22°372	9	31 17.76	+ 0.15	− 3.78	343 39 55.35	43.255	+ 5.39	− 16.8	2 31 14.13	− 4.24	+22 38 0.3	−12.3
15	B. D.+14°439	9	33 47.81	+ 0.10	− 3.78	335 27 55.98	45.540	+ 5.39	− 26.2	2 33 44.13	− 4.00	+14 26 43.7	−13.1
16	μ Arietis	9	37 1.46	+ 0.13	− 3.78	340 37 56.58	43.672	+ 5.39	− 20.2	2 36 57.81	− 4.14	+19 36 7.6	−12.1
17	B. D.+16°342	9	40 26.99	+ 0.12	− 3.78	337 37 55.38	45.952	+ 5.39	− 23.6	2 40 23.33	− 4.05	+16 36 55.1	−12.2
18	B. D.+19°424	9	42 58.79	+ 0.13	− 3.78	340 37 57.72	44.670	+ 5.39	− 20.2	2 42 55.14	− 4.13	+19 36 31.6	−11.5
19	B. D.+18°359	9	45 21.18	+ 0.13	− 3.78	339 47 56.15	43.055	+ 5.39	− 21.1	2 45 17.53	− 4.11	+18 45 52.2	−11.4
20	B. D.+12°406	9	49 27.23	+ 0.09	− 3.78	333 33 56.10	46.045	+ 5.39	− 28.5	2 49 23.54	− 3.93	+12 32 53.1	−11.9
21	B. D.+20°480	9	52 39.79	+ 0.14	− 3.78	341 17 57.42	45.872	+ 5.39	− 19.4	2 52 36.15	− 4.14	+20 16 59.5	−10.4
22	B. D.+22°416	9	55 8.19	+ 0.15	− 3.78	343 27 55.85	45.275	+ 5.39	− 17.0	2 55 4.56	− 4.21	+22 26 46.7	− 9.8
23	B. D.+13°494	9	58 19.61	+ 0.10	− 3.78	335 7 57.42	42.725	+ 5.39	− 26.6	2 58 15.93	− 3.95	+14 5 40.4	−10.8
24	B. D.+23°407	9	2 21.02	+ 0.15	− 3.78	344 19 58.30	45.985	+ 5.39	− 16.1	3 2 17.39	− 4.22	+23 19 6.3	− 8.9
25	δ Arietis	9	6 12.54	+ 0.13	− **3.72**	340 23 55.68	42.790	+ 5.39	− 20.4	3 6 8.89	....	+19 21 46.3	....
26	ζ Arietis	9	9 27.20	+ 0.14	− **3.76**	341 41 57.40	46.602	+ 5.39	− 18.9	3 9 23.56	....	+20 41 16.7	....
27	B. D.+18°459	9	14 23.69	+ 0.13	− 3.78	339 45 57.52	42.282	+ 5.38	− 21.2	3 14 20.04	− 4.05	+18 43 35.8	− 8.5
28	B. D.+16°433	9	17 59.20	+ 0.12	− 3.78	337 13 53.98	47.282	+ 5.38	− 24.0	3 17 55.54	− 3.97	+16 13 23.7	− 8.6
29	B. D.+17°550	9	20 1.61	+ 0.12	− 3.78	338 25 55.82	44.440	+ 5.38	− 22.7	3 19 57.95	− 4.00	+17 24 21.9	− 8.1
30	B. D.+16°450	9	24 21.61	+ 0.12	− 3.78	337 27 57.40	43.085	+ 5.38	− 23.8	3 24 17.95	− 3.96	+16 25 51.1	− 7.9
31	B. D.+17°564	9	25 58.01	+ 0.12	− 3.78	338 37 56.95	44.855	+ 5.38	− 22.4	3 25 54.35	− 3.99	+17 36 32.8	− 7.5
32	B. D.+18°507	9	29 52.73	+ 0.13	− 3.78	339 35 55.58	45.888	+ 5.38	− 21.3	3 29 49.08	− 4.01	+18 34 56.1	− 6.9
33	B. D.+20°602	9	33 29.87	+ 0.14	− 3.79	341 37 56.95	43.505	+ 5.38	− 19.0	3 33 26.22	− 4.06	+20 36 5.3	− 6.1
34	B. D.+14°598	9	36 53.97	+ 0.10	− 3.79	335 29 53.90	46.372	+ 5.38	− 26.1	3 36 50.28	− 3.87	+14 29 0.7	− 7.1
35	B. D.+24°546	9	39 30.14	+ 0.16	− 3.79	345 33 57.25	43.612	+ 5.38	− 14.7	3 39 26.51	− 4.18	+24 32 12.1	− 4.6
36	B. D.+18°537	9	40 34.82	+ 0.13	− 3.79	339 17 58.15	43.115	+ 5.38	− 21.7	3 40 31.16	− 3.97	+18 15 55.0	− 5.9
37	B. D.+22°563	9	42 43.86	+ 0.15	− 3.79	344 9 56.70	41.798	+ 5.38	− 16.3	3 42 40.22	− 4.12	+23 7 28.8	− 4.6
38	B. D.+20°643	9	44 15.31	+ 0.14	− 3.79	341 53 56.82	43.135	+ 5.38	− 18.7	3 44 11.66	− 4.04	+20 51 57.1	− 5.0
39	B. D.+18°550	9	46 56.31	+ 0.13	− 3.79	339 19 55.75	44.865	+ 5.38	− 21.6	3 46 52.65	− 3.95	+18 18 32.7	− 5.2
40	B. D.+16°527	9	49 3.44	+ 0.12	− 3.79	337 21 54.38	43.942	+ 5.38	− 23.9	3 48 59.77	− 3.89	+16 20 7.9	− 5.4
41	B. D.+24°599	9	51 45.98	+ 0.16	− 3.79	345 11 56.10	45.662	+ 5.38	− 15.1	3 51 42.35	− 4.12	+24 10 57.7	− 3.4
42	B. D.+15°565	9	55 23.54	+ 0.11	− 3.79	336 13 55.50	44.215	+ 5.38	− 25.2	3 55 19.86	− 3.83	+15 12 13.9	− 5.1
43	B. D.+17°676	9	59 13.96	+ 0.12	− 3.79	338 15 57.75	46.440	+ 5.38	− 22.8	3 59 10.29	− 3.88	+17 15 9.1	− 4.2
44	ψ Tauri	8	1 8.34	+ 0.18	− 3.79	349 45 58.60	43.850	+ 5.38	− 10.3	4 1 4.73	− 4.26	+28 44 23.2	− 1.2
45	B. D.+22°637 (*mean*)	9	3 14.69	+ 0.15	− 3.79	343 51 57.22	44.460	+ 5.38	− 16.6	4 3 11.05	− 4.04	+22 50 29.9	− 2.5
46	B. D.+15°592	9	5 32.14	+ 0.11	− 3.79	336 43 54.60	42.855	+ 5.38	− 24.6	4 5 28.46	− 3.81	+15 41 42.6	− 4.0
47	B. D.+19°679	9	8 49.54	+ 0.13	− 3.79	340 21 54.98	43.825	+ 5.38	− 20.4	4 8 45.88	− 3.90	+19 20 9.3	− 2.8
48	B. D.+24°643	9	12 43.44	+ 0.16	− 3.79	345 47 56.20	43.155	+ 5.38	− 14.5	4 12 39.81	− 4.06	+24 46 0.8	− 1.0
49	B. D.+27°655	9	14 30.94	+ 0.17	− 3.79	348 7 57.70	46.008	+ 5.37	− 12.0	4 14 27.32	− 4.14	+27 7 10.0	− 0.2
50	B. D.+25°707	9	16 48.34	+ 0.16	− 3.79	346 25 55.10	43.308	+ 5.37	− 13.8	4 16 44.71	− 4.07	+25 24 3.9	− 0.4
51	B. D.+16°586	9	17 58.48	+ 0.12	− 3.79	337 35 58.02	41.108	+ 5.37	− 23.6	4 17 54.81	− 3.79	+16 33 7.1	− 2.6
52	B. D.+21°643	9	19 45.80	+ 0.15	− 3.79	342 59 56.90	45.130	+ 5.37	− 17.5	4 19 42.16	− 3.94	+21 58 43.9	− 1.0
53	ε Tauri	9	23 4.54	+ 0.13	− **3.71**	339 59 56.50	43.282	+ 5.37	− 20.8	4 23 0.88	....	+18 57 58.0	....
54	α Tauri	9	30 28.63	+ 0.12	− **3.76**	337 19 55.30	45.912	+ 5.37	− 23.9	4 30 24.96	....	+16 18 53.8	....
	October 13, R.												
55	δ Ursæ Minoris s. P.	9	3 18.06	− 3.99	− 3.84	54 22	......	-	-	18 3 10.23	....	+86 37	....
56	μ Geminorum	9	17 12.53	+ 0.17	− **3.82**	343 33 56.20	47.568	+ 5.23	− 16.9	6 17 8.86	....	+22 33 39.6	....
57	Neptune C, C	9	25 46.27	+ 0.17	− 3.84	343 15 56.32	45.221	+ 5.21	− 17.3	6 25 42.60	....	+22 14 45.4	....
58	γ Geminorum	9	32 13.30	+ 0.13	− **3.82**	337 29 55.20	45.650	+ 5.20	− 23.8	6 32 9.59	....	+16 28 47.7	....
59	18 Monocerotis	9	42 54.71	+ 0.05	− 3.84	323 31 55.25	47.115	+ 5.18	− 42.5	6 42 50.92	....	+ 2 31 2.5	....
60	e Geminorum	9	49 16.97	+ 0.11	− 3.84	334 19 55.20	43.548	+ 5.17	− 27.7	6 49 13.24	− 2.88	+13 17 55.7	+ 9.0

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
13 1 10	[illegible]	54.0	53.2	4, 5, 56.	Bisections at VI, VII.	57	+ 0.1	.. ....	...	+ 0.1
2 5	[illegible]	53.5	52.7	7, 30, 35, 43, 44, 48, 49, 50.	Bisections at I, II.					
2 36	......	....	52.1	14.	Bisections at II, VII.					
3 0	29.82	52.5	52.0	57.	Bisections at I, II, VI, VII.					
3 32	......	....	52.2							
3 53	29.815	52.5	52.5							
4 32	29.80	52.5	52.6							
6 7	[illegible]	52.0	50.8	Note.						
6 35	......	....	50.5	55, 56, 58. Unsteady.						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	51 H. Cephei	7	55 35.21	+ 5.22	− 3.84	48 12 0.80	43.747	+ 5.16	+1 4.6	6 55 36.59	.....	+87 11 38.1	....
2	51 Geminorum	9	7 54.59	+ 0.13	− 3.84	337 21 54.52	41.650	+ 5.14	− 24.0	7 7 50.88	.....	+16 19 15.3	....
3	λ Geminorum	9	12 37.65	+ 0.14	**− 3.81**	337 43 56.62	45.492	+ 5.13	− 23.6	7 12 33.95	.....	+16 42 45.8	....
4	β Canis Minoris	9	21 59.81	+ 0.08	**− 3.79**	329 29 54.20	46.585	+ 5.11	− 33.9	7 21 56.05	.....	+ 8 28 57.9	....
5	α Geminorum (*fol.*)	9	28 31.28	+ 0.24	− 3.84	353 7 55.98	42.340	+ 5.10	− 6.9	7 28 27.68	.....	+32 5 49.6	....
6	25 Monocerotis	9	32 33.54	+ 0.01	− 3.84	317 7 55.30	45.570	+ 5.09	− 53.4	7 32 29.71	.....	− 3 53 43.7	....
7	κ Geminorum	9	38 41.96	+ 0.18	**[− 3.80]**	345 37 57.88	47.295	+ 5.08	− 14.7	7 38 38.30	.....	+24 37 36.9	....
8	ξ Argus	9	45 18.83	− 0.16	− 3.84	296 25 53.98	45.105	+ 5.07	−1 55.3	7 45 14.83	.....	−24 36 57.5	....
9	1 Cancri	8	51 35.24	+ 0.13	− 3.84	337 3 55.48	45.600	+ 5.06	− 24.4	7 51 31.53	.....	+16 2 46.3	....
10	Moon II, S.	9	59 56.16	+ 0.13	− 3.83	335 59 55.90	46.613	+ 5.04	− 25.6	7 59 52.46	−70.04	+14 59 8.4	....
11	β Cancri	9	11 21.39	+ 0.09	**[− 3.82]**	330 29 54.88	46.310	+ 5.02	− 32.5	8 11 17.64	.....	+ 9 28 53.6	....
12	31 Lyncis	9	16 17.91	+ 0.34	− 3.84	4 29 57.05	46.490	+ 5.01	+ 4.6	8 16 14.41	.....	+43 29 36.8	....
13	30 Monocerotis	9	20 54.81	+ 0.01	**[− 3.80]**	317 25 55.18	46.150	+ 5.00	− 52.8	8 20 50.98	.....	− 3 35 30.1	....
14	η Cancri	9	27 11.98	+ 0.16	**[− 3.77]**	341 45 56.32	48.605	+ 4.99	− 18.9	8 27 8.30	.....	+20 46 1.0	....
15	Venus II, S.	9	2 47.02	+ 0.02	− 3.83	322 31 56.90	43.500	+ 5.65	− 43.3	11 2 43.21	− 1.56	+ 1 29 41.2	....
16	Mercury II, C.	9	13 52.56	+ 0.01	− 3.83	320 45 54.65	43.881	+ 6.31	− 45.9	12 13 48.74	− 0.26	− 0 16 14.3	....
	October 14, R.												
17	Sun I, N.	9	13 26.73	− 0.03	− 3.83	313 23 54.92	47.508	+ 6.31	− 59.2	13 13 22.87	+65.03	− 7 37 4.9	....
18	Sun II, S.	9	15 36.80	− 0.03	− 3.83	312 51 54.75	47.208	+ 6.31	−1 0.3	13 15 32.94	−65.04	− 8 9 12.0	....
19	32 Vulpeculæ	9	50 32.01	+ 0.12	**− 3.80**	348 41 22.70	49.325	+ 5.84	− 11.2	20 50 28.30	.....	+27 41 52.3	....
20	ν Aquarii	9	4 25.73	− 0.11	**− 3.89**	309 15 53.30	46.795	+ 5.84	−1 8.6	21 4 21.79	.....	−11 45 32.2	....
21	ζ Cygni	9	8 55.06	+ 0.13	**− 3.80**	350 51 56.28	43.625	+ 5.84	− 9.0	21 8 51.36	.....	+29 50 17.9	....
22	σ Cygni	9	13 42.94	+ 0.20	− 3.83	359 59 56.12	47.345	+ 5.84	+ 0.1	21 13 39.31	.....	+38 59 51.8	....
23	1 Pegasi	9	17 42.78	+ 0.07	**− 3.81**	340 23 55.15	48.295	+ 5.84	− 20.0	21 17 39.02	.....	+19 23 52.5	....
24	69 Cygni	9	21 55.89	+ 0.18	− 3.83	357 15 56.60	46.442	+ 5.84	− 2.6	21 21 52.24	− 3.04	+36 15 28.9	−34.1
25	72 Cygni	9	30 55.58	+ 0.19	− 3.83	359 7 56.55	43.858	+ 5.84	− 0.8	21 30 51.94	− 3.14	+38 6 31.6	−34.3
26	γ Capricorni	9	34 50.30	− 0.15	**− 3.82**	303 55 53.00	47.045	+ 5.84	−1 23.3	21 34 46.32	.....	−17 5 41.4	....
27	ι Piscis Australis	9	39 17.83	− 0.30	− 3.83	287 35 53.12	45.358	+ 5.84	−2 55.0	21 39 13.70	− 3.37	−33 27 51.5	−15.8
28	μ Capricorni	9	48 7.77	− 0.13	**− 3.87**	307 1 53.32	45.432	+ 5.84	−1 14.5	21 48 3.81	.....	−14 0 9.2	....
29	13 Cephei	8	51 44.52	+ 0.38	− 3.83	17 9 57.65	46.148	+ 5.84	+ 17.5	21 51 41.07	− 3.68	+56 9 43.4	−35.4
30	ι Aquarii	9	1 19.24	− 0.13	**− 3.85**	306 41 51.80	45.752	+ 5.84	−1 15.4	22 1 15.28	.....	−14 20 4.3	....
31	28 Pegasi	9	6 2.10	+ 0.08	− 3.83	341 31 55.70	44.842	+ 5.84	− 18.8	22 5 58.35	− 3.32	+20 30 35.5	−30.7
32	θ Aquarii	9	11 50.20	− 0.09	**− 3.84**	312 45 53.02	46.365	+ 5.84	−1 0.9	22 11 46.28	.....	− 8 15 34.6	....
33	47 Aquarii	9	16 22.66	− 0.20	− 3.83	298 57 52.78	45.140	+ 5.84	−1 41.4	22 16 18.63	− 3.35	−22 4 43.3	−20.1
34	π Aquarii	9	20 26.59	− 0.03	**− 3.82**	321 55 54.20	43.285	+ 5.84	− 44.2	22 20 22.73	.....	+ 0 53 32.9	....
35	δ Cephei	9	25 41.73	+ 0.41	− 3.83	18 55 58.28	46.025	+ 5.84	+ 19.5	22 25 38.31	− 4.30	+57 55 43.0	−33.9
36	η Aquarii	6	30 29.59	− 0.04	**− 3.83**	320 25 53.12	42.932	+ 5.84	− 46.6	22 30 25.72	.....	− 0 36 38.4	....
37	30 Cephei	5	35 20.54	+ 0.50	− 3.83	24 5 57.12	44.928	+ 5.84	+ 25.4	22 35 17.21	− 4.81	+63 5 22.7	−33.3
38	94 H¹. Aquarii	9	50 16.52	− 0.08	− 3.83	315 31 54.62	45.270	+ 5.84	− 55.4	22 50 12.61	− 3.42	− 5 29 52.5	−24.5
39	52 Pegasi	9	54 27.94	+ 0.03	− 3.83	332 13 54.40	46.658	+ 5.84	− 29.7	22 54 24.14	− 3.52	+11 13 4.7	−27.8
40	β Piscium	9	59 3.74	− 0.02	− 3.83	324 19 54.10	45.112	+ 5.84	− 40.6	22 58 59.89	− 3.49	+ 3 18 18.1	−26.2
41	Jupiter I, C.	5	5 18.59	− 0.09	− 3.83	313 31 53.25	43.515	+ 5.84	− 59.5	23 5 14.67	+ 1.61	− 7 28 55.2	....
42	Jupiter II	5	5 21.81	− 0.09	− 3.83	... .	......	....	. ....	23 5 17.89	− 1.61	.. ..	....
	October 14, L.												
43	Neptune C. C.	9	25 45.73	+ 0.19	− 3.99	343 15 56.42	45.198	+ 5.22	− 17.3	6 25 41.93	.....	+22 14 45.0	....
44	23 H. Camelopardalis	7	29 53.64	+ 1.62	− 3.99	40 39 57.18	44.860	+ 5.22	+ 49.6	6 29 51.27	.....	+79 39 44.8	....
45	ξ Geminorum	9	39 57.57	+ 0.14	**− 3.98**	333 59 55.35	48.742	+ 5.22	− 28.0	6 39 53.72	.....	+12 59 54.3	....
46	24 H. Camelopardalis	9	46 6.01	+ 1.32	− 3.99	38 5 59.15	44.695	+ 5.22	+ 45.2	6 46 3.34	− 7.65	+77 5 38.7	+28.4
47	θ Canis Majoris	9	49 47.54	− 0.02	**− 3.99**	309 5 55.28	48.165	+ 5.22	−1 10.6	6 49 43.53	.....	−11 55 1.5	....
48	ε Canis Majoris	9	54 55.28	− 0.17	− 3.99	292 11 53.68	47.808	+ 5.22	−2 19.6	6 54 51.12	.....	−28 50 20.3	....
49	ζ Geminorum	9	58 28.19	+ 0.18	**− 3.95**	341 43 55.68	44.900	+ 5.22	− 18.9	6 58 24.38	.....	+20 42 35.9	....
50	δ Canis Majoris	9	4 33.24	− 0.14	− 3.99	294 47 53.88	47.217	+ 5.22	−2 3.6	7 4 29.11	.....	−26 14 17.6	....
51	25 H. Camelopardalis	9	10 53.48	+ 2.22	− 3.99	43 35 58.88	43.855	+ 5.22	+ 54.9	7 10 51.71	.....	+82 35 28.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 7 1	29.81	51.3	50.5
7 37	......	....	50.3
8 1	29.815	51.2	50.2
8 29	29.82	51.8	50.9
11 3	29.86	59.8	59.9
12 17	29.84	62.6	62.5
14 13 16	29.83	64.2	64.1
20 51	......	....	62.4
21 0	29.77	61.4	....
21 25	......	....	61.7
21 56	29.765	60.1	60.4
22 34	......	....	59.7
23 5	......	....	58.1
23 12	29.765	58.1	....
6 26	29.78	51.9	50.9
6 55	......	....	50.9

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at b_4, b_5, b_6.
3, 9, 29, 31, 36, 37.	Bisections at VI, VII.
10.	Bisections at II, III, IV, V, VI.
15, 16, 41, 43.	Bisections at I, II, VI, VII.
17.	Bisections at I, II, III.
18.	Bisections at V, VI, VII.
41.	Z. D. threads A used.
44, 46, 51.	Bisections at III, V.
48, 50.	Bisections at I, II, VI.

Notes.

1,4,8. Unsteady.

41. Degrees and minutes of circle reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+23 50.7	+16 11.0	...	+40 1.7
15	+ 14.5	+ 23.3	...	+ 37.8
16	+ 6.5	.. ....	+ 0.9	+ 7.4
17	+ 6.4	−16 3.5	...	−15 57.1
18	+ 6.4	+16 3.6	...	+16 10.0
41	+ 1.5	.. ....	...	+ 1.5
43	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	τ Draconis s. p.	7	17 29.50	− 0.77	− 3.99	67 48 0.08	43.803	+ 5.22	+2 20.6	19 17 24.74	.....	+73 11 5.1	....
2	ρ Geminorum	9	22 59.18	+ 0.26	− 3.99	352 59 56.25	43.810	+ 5.22	− 7.0	7 22 55.45	.....	+31 58 23.4	....
3	108 G. Puppis	9	30 0.32	− 0.11	− 3.99	298 57 53.58	44.053	+ 5.22	−1 43.5	7 29 56.22	− 2.16	−22 5 10.1	+ 0.2
4	f Puppis	9	33 52.91	− 0.23	− 3.99	286 19 53.82	43.272	+ 5.22	−3 13.4	7 33 48.69	− 1.92	−34 44 57.4	− 2.5
5	κ Geminorum	7	38 42.10	+ 0.21	[− **3.94**]	345 37 57.02	47.355	+ 5.22	− 14.7	7 38 38.32	.....	+24 37 37.7	....
6	ε Draconis s. p.	9	48 35.77	− 0.62	− 3.99	70 55 59.80	45.990	+ 5.22	+2 45.8	19 48 31.16	.....	+70 1 50.0	....
7	53 Camelopardalis	9	53 32.38	+ 0.60	− 3.99	21 35 57.88	43.882	+ 5.22	+ 22.9	7 53 28.99	.....	+60 34 56.6	....
8	χ Geminorum	9	57 40.13	+ 0.23	[− **3.93**]	349 3 56.62	47.502	+ 5.22	− 11.1	7 57 36.37	.....	+28 3 44.1	....
9	3 H. Ursæ Majoris	9	3 16.77	+ 0.82	− 3.99	29 45 58.38	43.888	+ 5.22	+ 33.0	8 3 13.60	.....	+68 45 7.0	....
10	20 Puppis	9	8 58.66	− 0.05	− 3.99	305 31 53.82	46.628	+ 5.22	−1 20.3	8 8 54.62	.....	−15 29 47.8	....
11	31 Lyncis	9	16 18.18	+ 0.36	− 3.99	4 29 57.22	46.402	+ 5.22	+ 4.6	8 16 14.55	.....	+43 29 35.2	....
12	30 Monocerotis	9	20 54.93	+ 0.03	[− **3.91**]	317 25 53.80	46.235	+ 5.22	− 52.8	8 20 50.97	.....	− 3 35 29.3	....
13	θ Cancri	9	26 10.09	+ 0.17	− 3.99	339 25 55.95	46.390	+ 5.22	− 21.5	8 26 6.27	− 2.32	+18 25 7.6	+15.3
14	δ Hydræ	9	32 37.39	+ 0.09	− 3.99	327 3 54.78	45.128	+ 5.22	− 37.2	8 32 33.49	.....	+ 6 2 21.9	....
15	γ Cancri	9	37 46.49	+ 0.19	[− **3.94**]	342 49 55.18	45.402	+ 5.22	− 17.7	8 37 42.69	.....	+21 48 48.1	....
16	ε Hydræ	9	41 44.43	+ 0.10	[− **3.97**]	327 47 55.10	44.988	+ 5.22	− 36.1	8 41 40.54	.....	+ 6 46 20.2	....
17	ζ Hydræ	9	50 21.99	+ 0.09	[− **3.93**]	327 19 55.30	46.025	+ 5.22	− 36.8	8 50 18.09	.....	+ 6 18 43.1	....
18	α Cancri	9	53 16.97	+ 0.13	[− **3.98**]	333 15 55.72	43.210	+ 5.22	− 28.9	8 53 13.11	.....	+12 13 47.4	....
19	Moon II, S.	9	59 45.66	+ 0.13	− 4.01	333 3 54.55	42.577	+ 5.22	− 29.1	8 59 41.78	−69.33	+12 1 31.5	....
20	α Hydræ	9	22 55.12	0.00	[− **3.99**]	312 47 54.82	44.191	+ 5.22	−1 1.7	9 22 51.12	.....	− 8 14 23.9	....
21	Venus II, S.	9	3 56.17	+ 0.10	− 4.01	322 37 54.88	44.860	+ 5.62	− 43.4	11 3 52.26	− 1.53	+ 1 36 10.1	....
	October 15, L.												
22	β Capricorni	9	15 40.74	− 0.07	− **4.01**	305 57 52.60	43.505	+ 5.79	−1 17.6	20 15 36.63	.....	−15 4 57.1	....
23	296 G. Sagittarii	9	19 37.89	− 0.18	− 4.04	292 3 50.92	47.570	+ 5.79	−2 18.1	20 19 33.67	− 3.06	−28 58 26.4	−14.1
24	ρ Capricorni	9	23 26.78	− 0.10	− **4.00**	302 53 51.78	47.098	+ 5.79	−1 27.0	20 23 22.64	.....	−18 7 45.4	....
25	θ Cephei	9	28 2.96	+ 0.55	− 4.04	23 39 56.32	48.460	+ 5.79	+ 24.9	20 27 59.47	.....	+62 40 42.0	....
26	13 G. Microscopii	9	34 22.32	− 0.23	− 4.04	287 17 53.20	44.440	+ 5.79	−2 59.0	20 34 18.05	− 3.19	−33 46 16.5	−13.1
27	φ Capricorni	9	40 28.48	− 0.16	− 4.04	295 25 51.30	45.422	+ 5.79	−1 58.1	20 40 24.28	.....	−25 36 55.1	....
28	μ Aquarii	9	47 32.43	− 0.03	− **4.06**	311 41 51.55	44.168	+ 5.79	−1 3.4	20 47 28.36	.....	− 9 20 28.8	....
29	ρ Ursæ Majoris s. p.	9	53 55.19	− 0.44	− 4.04	72 57 58.50	44.960	+ 5.79	+3 3.4	8 53 50.71	− 2.23	+67 59 56.7	+31.2
30	θ Capricorni	9	0 36.93	− 0.09	− **4.00**	303 25 52.20	44.345	+ 5.79	−1 25.4	21 0 32.80	.....	−17 36 46.1	....
31	ν Aquarii	9	4 25.86	− 0.05	− **4.09**	309 15 53.48	46.892	+ 5.79	−1 9.0	21 4 21.77	.....	−11 45 30.2	....
32	ζ Cygni	9	8 55.13	+ 0.20	− **3.96**	350 51 56.82	43.648	+ 5.79	− 9.1	21 8 51.29	.....	+29 50 18.8	....
33	σ Cygni	9	13 43.00	+ 0.26	− 4.04	359 59 55.75	47.395	+ 5.79	+ 0.1	21 13 39.22	.....	+38 59 52.5	....
34	B. A. C. 7504	7	19 7.60	+ 4.02	− 4.04	47 37 58.72	46.985	+ 5.79	+1 2.2	21 19 7.58	.....	+86 38 48.2	....
35	β Aquarii	9	26 34.34	− 0.01	− **4.00**	315 1 53.70	46.418	+ 5.79	− 56.4	21 26 30.29	.....	− 5 59 28.3	....
36	72 Cygni	9	30 55.67	+ 0.26	− 4.04	359 7 56.95	43.898	+ 5.79	− 0.8	21 30 51.89	− 3.12	+38 6 32.9	−34.4
37	γ Capricorni	9	34 50.39	− 0.08	− **3.99**	303 55 52.85	47.090	+ 5.79	−1 23.8	21 34 46.27	.....	−17 5 41.1	....
38	ι Piscis Australis	9	39 17.87	− 0.23	− 4.04	287 35 52.55	45.480	+ 5.79	−2 56.0	21 39 13.60	− 3.36	−33 27 50.4	−15.7
39	14 Pegasi	9	45 40.22	+ 0.20	− 4.04	350 43 55.45	47.925	+ 5.79	− 9.2	21 45 36.38	− 3.20	+29 43 55.1	−32.8
40	13 Cephei	9	51 44.73	+ 0.44	− 4.04	17 9 57.12	46.160	+ 5.79	+ 17.6	21 51 41.13	− 3.65	+56 9 43.0	−35.6
41	28 Aquarii	9	56 14.46	+ 0.03	− 4.04	321 9 52.90	46.588	+ 5.79	− 45.5	21 56 10.45	− 3.21	+ 0 8 45.7	−26.0
42	ι Aquarii	9	1 19.33	− 0.07	− **4.02**	306 41 51.98	45.820	+ 5.79	−1 15.8	22 1 15.22	.....	−14 20 3.0	....
43	28 Pegasi	9	6 2.28	+ 0.14	− 4.04	341 31 55.42	44.902	+ 5.79	− 18.9	22 5 58.38	− 3.31	+20 30 36.3	−30.8
44	θ Aquarii	9	11 50.33	− 0.02	− **4.06**	312 45 54.28	46.335	+ 5.79	−1 1.1	22 11 46.27	.....	− 8 15 34.2	....
45	47 Aquarii	9	16 22.84	− 0.13	− 4.04	298 57 51.42	45.235	+ 5.79	−1 41.9	22 16 18.67	− 3.34	−22 4 43.1	−20.0
46	π Aquarii	9	20 26.74	+ 0.03	− **4.04**	321 55 53.95	43.322	+ 5.79	− 44.3	22 20 22.73	.....	+ 0 53 33.3	....
	October 15, Ei.-Y.												
47	Jupiter I, C.	5	5 0.26	− 0.02	− 3.84	313 29 53.65	44.170	+ 5.79	− 59.6	23 4 56.40	+ 1.59	− 7 30 40.0	....
48	Jupiter II	5	5 3.44	− 0.02	− 3.84	... .	......	....	. ....	23 4 59.58	− 1.59	.. ..	....
49	ψ³ Aquarii	9	14 2.34	− 0.03	− 3.84	310 53 52.80	45.220	+ 5.79	−1 5.3	23 13 58.47	− 3.46	−10 8 5.4	−23.2
50	B. D. −7°5993	9	16 21.04	− 0.02	− 3.84	313 27 53.95	48.162	+ 5.79	− 59.7	23 16 17.18	− 3.48	− 7 32 51.4	−23.7
51	B. D. −0°4509	9	18 40.73	+ 0.03	− 3.84	320 47 53.70	44.400	+ 5.79	− 46.2	23 18 36.92	− 3.52	− 0 14 4.2	−25.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 7 17	29.78	51.3	50.7
7 34	.....	....	50.7
7 54	.....	....	50.7
8 9	29.80	51.3	51.0
8 21	.....	....	50.8
8 38	.....	....	51.7
8 53	.....	....	52.3
9 23	29.82	54.3	54.0
11 4	29.84	58.0	57.3
15 20 16	29.80	60.9	60.0
20 40	.....	....	59.4
21 1	.....	....	59.0
21 27	29.79	59.1	....
21 39	.....	....	58.7
21 56	.....	....	58.4
22 20	29.79	58.9	58.2
23 3	29.79	58.5	58.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at III, IV, V.
3, 23, 26, 27, 38, 45.	Bisections at I, II, VI.
4, 10, 20, 21, 47.	Bisections at I, II, VI, VII.
5.	Bisections at VI, VII.
6, 29.	Bisections at II, III, V, VI.
7.	Bisections at III, V.
17, 24.	Bisections at I, II.
19.	Bisections at II, III, IV, V, VI.
34.	Bisections at b_3, b_5, b_7.
47.	Z. D. threads A used.

Notes.

1, 6, 20, 27.	Unsteady.
7, 8, 10, 13, 14, 18.	Faint.
33.	Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
19	+26 42.0	+16 14.3	....	+42 56.3
21	+ 14.3	+ 23.0	....	+ 37.3
47	+ 1.5	.. ....	....	+ 1.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	κ Piscium	9	22 5.02	+ 0.03	− **3.88**	321 45 52.65	44.285	+ 5.79	− 44.6	23 22 1.21	....	+ 0 43 53.8	....
2	θ Piscium	9	23 10.22	+ 0.06	− **3.85**	326 51 53.65	47.360	+ 5.79	− 37.0	23 23 6.44	....	+ 5 51 12.6	....
3	B. D. − 7°6036	9	26 8.41	− 0.01	− 3.84	314 11 52.70	47.945	+ 5.79	− 58.2	23 26 4.56	− 3.50	− 6 48 56.1	−23.6
4	B. D. + 2°4680	9	28 4.73	+ 0.04	− 3.84	323 51 54.45	47.482	+ 5.79	− 41.3	23 28 0.93	− 3.57	+ 2 51 11.9	−25.3
5	B. D. − 6°6239	9	30 54.59	− 0.01	− 3.84	314 43 51.75	48.548	+ 5.79	− 57.2	23 30 50.74	− 3.52	− 6 16 42.3	−23.6
6	ι Piscium	9	35 5.12	+ 0.06	− **3.88**	326 7 53.78	45.435	+ 5.79	− 38.0	23 35 1.34	....	+ 5 6 27.7	....
7	B. D. − 2°6021	9	37 30.41	+ 0.02	− 3.84	318 59 53.90	44.990	+ 5.79	− 49.3	23 37 26.59	− 3.56	− 2 1 53.6	−24.2
8	B. D. − 5°6048	9	42 47.46	0.00	− 3.84	316 1 53.42	45.878	+ 5.79	− 54.7	23 42 43.62	− 3.55	− 4 59 39.2	−23.6
9	B. D. + 2°4725	9	47 7.34	+ 0.04	− 3.84	323 23 53.90	49.375	+ 5.79	− 42.1	23 47 3.54	− 3.63	+ 2 23 53.8	−24.6
10	B. D. − 5°6081	9	50 16.71	0.00	− 3.84	315 49 52.38	44.855	+ 5.79	− 55.1	23 50 12.87	− 3.57	− 5 12 4.0	−23.4
11	B. D. − 6°6335	9	54 49.54	− 0.01	− 3.84	314 35 53.32	46.412	+ 5.79	− 57.5	23 54 45.69	− 3.57	− 6 25 30.1	−23.0
12	B. D. + 0°5080	9	55 43.73	+ 0.03	− 3.84	321 31 52.68	49.698	+ 5.79	− 45.0	23 55 39.92	− 3.63	+ 0 31 57.3	−24.0
13	B. D. − 4°6019	9	0 34.98	0.00	− 3.84	316 37 53.12	47.395	+ 5.79	− 53.5	0 0 31.14	− 3.59	− 4 23 3.6	−23.1
14	B. D. − 3°5	9	3 52.37	+ 0.01	− 3.84	318 15 53.80	46.530	+ 5.79	− 50.6	0 3 48.54	− 3.61	− 2 45 19.8	−23.2
15	B. D. + 5°18(*mean*)	9	8 49.09	+ 0.06	− 3.84	327 3 53.45	46.482	+ 5.79	− 36.7	0 8 45.31	− 3.72	+ 6 2 52.6	−24.1
16	B. D. + 1°28	9	11 48.53	+ 0.04	− 3.84	322 19 53.45	47.305	+ 5.79	− 43.8	0 11 44.73	− 3.67	+ 1 19 4.4	−23.4
17	B. D. + 3°34	9	15 30.32	+ 0.05	− 3.84	325 15 53.12	46.512	+ 5.79	− 39.3	0 15 26.53	− 3.72	+ 4 14 50.4	−23.6
18	44 Piscium	9	20 33.34	+ 0.04	− **3.88**	322 25 52.95	45.988	+ 5.79	− 43.6	0 20 29.54	....	+ 1 24 34.0	....
19	B. D. + 2°54	9	22 29.10	+ 0.04	− 3.84	323 17 54.90	47.088	+ 5.79	− 42.3	0 22 25.30	− 3.70	+ 2 17 2.4	−23.0
20	B. D. + 0°70	9	27 5.37	+ 0.04	− 3.84	321 59 53.60	46.748	+ 5.79	− 44.3	0 27 1.57	− 3.70	+ 0 58 51.3	−22.7
21	B. D. + 3°70	9	30 36.77	+ 0.05	− 3.84	324 45 53.62	49.578	+ 5.79	− 40.0	0 30 32.98	− 3.74	+ 3 46 0.3	−22.8
22	B. D. − 1°75	9	33 14.47	+ 0.02	− 3.84	319 59 53.48	45.078	+ 5.79	− 47.6	0 33 10.65	− 3.68	− 1 1 50.3	−22.2
23	B. D. − 1°87	9	37 46.66	+ 0.02	− 3.84	320 7 53.60	49.260	+ 5.79	− 47.3	0 37 42.84	− 3.69	− 0 52 14.3	−22.0
24	B. D. − 3°99	9	42 47.39	+ 0.01	− 3.84	318 9 53.50	48.165	+ 5.79	− 50.8	0 42 43.56	− 3.67	− 2 50 43.2	−21.6
25	B. D. +11°102	9	45 15.82	+ 0.09	− 3.84	332 19 53.20	45.332	+ 5.79	− 29.7	0 45 12.07	− 3.89	+11 18 32.8	−22.3
26	B. D. +11°106	9	46 37.78	+ 0.10	− 3.84	333 17 55.18	43.320	+ 5.79	− 28.6	0 46 34.04	− 3.91	+12 15 49.9	−22.3
27	B. D. +12°104	6	47 31.77	+ 0.10	− 3.84	334 7 54.08	48.205	+ 5.79	− 27.5	0 47 28.03	− 3.93	+13 7 42.0	−22.2
28	B. D. +11°118	9	51 32.02	+ 0.10	− 3.84	333 11 53.75	48.190	+ 5.79	− 28.6	0 51 28.28	− 3.92	+12 11 40.1	−21.9
29	B. D. + 3°131	8	53 25.98	+ 0.05	− 3.84	324 47 53.10	46.270	+ 5.79	− 40.0	0 53 22.19	− 3.77	+ 3 46 44.1	−21.5
30	ζ¹ Piscium	9	8 47.46	+ 0.07	− **3.90**	328 5 52.58	44.432	+ 5.79	− 35.3	1 8 43.69	....	+ 7 4 6.3	....
31	θ Ceti	9	19 18.01	− 0.02	− **3.89**	312 22	......	....	. ....	1 19 14.15	....	− 8 40	....
	October 18, L.												
32	θ Canis Majoris	9	49 47.85	+ 0.03	− **4.23**	309 5 54.40	48.378	+ 4.56	−1 12.7	6 49 43.71	....	−11 55 0.3	....
33	51 H. Cephei	5	55 38.88	+ 4.31	− 4.17	48 12 0.98	43.680	+ 4.59	+1 6.4	6 55 39.02	....	+87 11 37.7	....
34	δ Canis Majoris	9	4 33.46	− 0.06	− 4.17	294 47 53.95	47.420	+ 4.64	−2 7.3	7 4 29.23	....	−26 14 17.2	....
35	25 H. Camelopardalis	9	10 54.62	+ 1.77	− 4.17	43 35 59.62	43.780	+ 4.67	+ 56.6	7 10 52.22	....	+82 35 28.0	....
36	λ Ursæ Minoris s. p.	5	18 28.40	−11.48	− 4.17	52 0 0.35	43.892	+ 4.71	+1 16.0	19 18 12.75	....	+89 0 7.8	....
37	108 G. Puppis	9	30 0.57	− 0.02	− 4.17	298 57 53.28	44.292	+ 4.77	−1 46.6	7 29 56.38	− 2.28	−22 5 8.4	+ 0.4
38	α Canis Minoris	9	34 20.22	+ 0.15	− 4.17	326 29 55.95	44.960	+ 4.79	− 39.2	7 34 16.20	....	+ 5 28 16.9	....
39	κ Geminorum	9	38 42.39	+ 0.25	− **4.14**	345 37 58.55	47.355	+ 4.81	− 15.1	7 38 38.47	....	+24 37 38.2	....
40	166 B. Camelopardalis	9	48 43.78	+ 0.93	− 4.17	35 11 59.50	40.922	+ 4.86	+ 41.9	7 48 40.54	....	+74 10 9.2	....
41	53 Camelopardalis	9	53 32.68	+ 0.57	− 4.17	21 35 59.38	43.825	+ 4.88	+ 23.6	7 53 29.08	....	+60 34 57.0	....
42	χ Geminorum	9	57 40.42	+ 0.27	− **4.13**	349 3 57.62	47.475	+ 4.90	− 11.4	7 57 36.52	....	+28 3 43.8	....
43	3 H. Ursæ Majoris	9	3 17.26	+ 0.74	− 4.17	29 45 58.40	43.890	+ 4.94	+ 34.0	8 3 13.83	....	+68 45 7.8	....
44	20 Puppis	9	8 58.79	+ 0.04	− 4.17	305 31 55.12	46.732	+ 4.96	−1 22.8	8 8 54.66	....	−15 29 46.8	....
45	31 Lyncis	9	16 18.49	+ 0.38	− 4.17	4 29 58.35	46.382	+ 5.00	+ 4.8	8 16 14.70	....	+43 29 35.8	....
46	30 Monocerotis	9	20 55.20	+ 0.12	[− **4.15**]	317 25 55.02	46.275	+ 5.02	− 54.4	8 20 51.15	....	− 3 35 29.0	....
47	110 B. Lyncis	6	26 43.34	+ 0.35	− 4.17	359 21 57.90	44.082	+ 5.05	− 0.6	8 26 39.52	....	+38 20 37.5	....
48	δ Hydræ	9	32 37.63	+ 0.18	− 4.17	327 3 56.72	45.138	+ 5.08	− 38.4	8 32 33.64	....	+ 6 2 22.8	....
49	γ Cancri	9	37 46.76	+ 0.26	[− **4.16**]	342 49 55.05	45.450	+ 5.11	− 18.3	8 37 42.85	....	+21 48 48.3	....
50	ε Hydræ	9	41 44.66	+ 0.18	[− **4.16**]	327 47 52.82	45.152	+ 5.13	− 37.3	8 41 40.67	....	+ 6 46 20.3	....
51	ζ Hydræ	9	50 22.22	+ 0.18	[− **4.13**]	327 19 55.05	46.120	+ 5.17	− 37.9	8 50 18.23	....	+ 6 18 44.2	....
52	κ Ursæ Majoris	9	57 6.45	+ 0.43	− 4.17	8 33 58.40	42.088	+ 5.21	+ 9.0	8 57 2.71	....	+47 32 2.1	....
53	40 Lyncis	9	15 14.84	+ 0.35	− 4.17	355 49 57.08	42.222	+ 5.30	− 4.3	9 15 11.02	....	+34 47 50.7	....
54	α Hydræ	9	22 55.32	+ 0.12	[− **4.21**]	312 47 53.40	44.383	+ 5.34	−1 3.7	9 22 51.27	....	− 8 14 22.9	....
55	Venus II, S.	9	9 44.56	+ 0.17	− 4.20	322 55 55.80	41.376	+ 5.43	− 43.7	11 9 40.53	− 1.44	+ 1 52 51.0	....
56	Mercury II, C.	9	28 36.98	+ 0.15	− 4.21	319 59 53.45	43.265	+ 5.43	− 48.0	12 28 32.92	− 0.23	− 1 2 32.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 23 37	......	....	57.3
23 58	29.79	58.0	57.0
0 25	......	....	56.8
0 50	29.79	57.3	56.8
1 20	29.785	57.5	57.0
18 6 50	29.905	41.0	38.8
7 34	......	....	38.7
7 58	29.92	39.9	38.2
8 9	......	....	38.2
8 27	......	....	38.1
8 42	......	....	38.8
8 57	......	....	39.4
9 23	29.94	42.1	40.2
11 10	29.96	50.8	50.0
12 29	29.945	54.3	55.4

Micrometer bisections are made at II, VI, except as noted below.

11, 24, 25, 26.	Bisections at I, II.
12, 27.	Bisections at VI, VII.
33.	Bisections at b_5, b_7, b_9.
34, 54.	Bisections at I, II, VI.
36.	Bisections at b_4, b_5, b_6.
37, 44, 55, 56.	Bisections at I, II, VI, VII.
40.	Bisections at III, V.
	Bisections at I, II, VI, VII.

Notes.

26–31.	Clouds.
36, 37, 44.	Diffuse.
43, 44, 46, 49, 54.	Unsteady.
47.	Observed head south.
47, 49.	Faint.
51.	Micrometer reading increased 1 rev.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
55	+ 13.4	+ 21.6	...	+ 35.0
56	+ 5.7	.. ....	+ 0.6	+ 6.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	October 19, L.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	32 5.80	+ 0.11	− 4.21	311 1 54.38	45.837	+ 5.43	−1 5.5	13 32 1.70	+65.53	− 9 59 50.8	....
2	Sun II, N.	9	34 16.86	+ 0.11	− 4.21	311 33 52.45	46.243	+ 5.43	−1 4.3	13 34 12.76	−65.53	− 9 27 41.3	....
3	ρ Capricorni.	9	23 26.93	− 0.06	− **4.26**	302 53 53.72	47.065	+ 5.03	−1 28.2	20 23 22.62	.....	−18 7 46.0	....
4	ω¹ Cygni.	9	27 9.39	+ 0.38	− 4.25	9 37 58.48	47.600	+ 5.03	+ 9.8	20 27 5.52	− 2.22	+48 38 8.8	−35.8
5	13 G. Microscopii.	9	34 22.44	− 0.20	− 4.25	287 17 54.82	44.512	+ 5.01	−3 1.6	20 34 17.99	− 3.11	−33 46 16.5	−12.7
6	ψ Capricorni.	9	40 28.68	− 0.13	− 4.25	295 25 53.10	45.452	+ 5.00	−1 59.9	20 40 24.30	.....	−25 36 55.4	....
7	λ Cygni.	9	43 44.29	+ 0.28	− 4.25	357 9 57.78	44.225	+ 4.99	− 2.8	20 43 40.32	.....	+36 8 38.4	....
8	μ Aquarii.	9	47 32.58	0.00	− **4.30**	311 41 53.55	44.148	+ 4.98	−1 4.3	20 47 28.33	.....	− 9 20 29.0	....
9	ρ Ursæ Majoris s. p.	9	53 55.52	− 0.39	− 4.25	72 57 59.72	44.881	+ 4.97	+3 6.1	8 53 50.88	− 2.49	+67 59 55.4	+31.8
10	θ Capricorni.	9	0 37.08	− 0.06	− **4.25**	303 25 54.20	44.342	+ 4.95	−1 26.7	21 0 32.77	.....	−17 36 46.3	....
11	ν Aquarii.	9	4 25.94	− 0.02	− **4.27**	309 15 53.95	46.942	+ 4.94	−1 10.0	21 4 21.67	.....	−11 45 30.5	....
12	ζ Cygni.	9	8 55.26	+ 0.23	− **4.20**	350 51 57.70	43.680	+ 4.93	− 9.2	21 8 51.24	.....	+29 50 19.4	....
13	σ Cygni.	9	13 43.12	+ 0.30	− 4.25	359 59 58.10	47.380	+ 4.92	+ 0.1	21 13 39.17	.....	+38 59 53.6	....
14	B. A. C. 7504.	7	19 6.66	+ 4.02	− 4.25	47 37 59.90	46.963	+ 4.91	+1 3.2	21 19 6.43	.....	+86 38 49.0	....
15	β Aquarii.	9	26 34.51	+ 0.02	− **4.26**	315 1 54.95	46.455	+ 4.89	− 57.3	21 26 30.28	.....	− 5 59 28.0	....
16	72 Cygni.	9	30 55.80	+ 0.29	− 4.25	359 7 58.28	43.928	+ 4.88	− 0.8	21 30 51.84	− 3.04	+38 6 34.0	−34.7
17	γ Capricorni.	9	34 50.58	− 0.05	− **4.27**	303 55 54.80	47.130	+ 4.87	−1 25.1	21 34 46.28	.....	−17 5 40.5	....
18	ι Piscis Australis.	9	39 18.06	− 0.20	− 4.25	287 35 54.00	45.545	+ 4.86	−2 58.8	21 39 13.61	− 3.28	−33 27 51.0	−15.1
19	14 Pegasi.	9	45 40.31	+ 0.23	− 4.25	350 43 57.00	47.928	+ 4.84	− 9.3	21 45 36.29	− 3.14	+29 43 55.6	−33.1
20	13 Cephei.	9	51 44.76	+ 0.48	− 4.25	17 9 59.25	46.138	+ 4.83	+ 17.9	21 51 40.99	− 3.54	+56 9 44.0	−36.2
21	28 Aquarii.	9	56 14.58	+ 0.06	− 4.25	321 9 54.38	46.615	+ 4.82	− 46.2	21 56 10.39	− 3.16	+ 0 8 46.1	−25.8
22	ι Aquarii.	9	1 19.52	− 0.03	− **4.30**	306 41 52.80	45.878	+ 4.81	−1 17.0	22 1 15.24	.....	−14 20 3.0	....
23	28 Pegasi.	9	6 2.41	+ 0.18	− 4.25	341 31 55.78	44.990	+ 4.79	− 19.2	22 5 58.34	− 3.25	+20 30 37.3	−30.9
24	λ Piscis Australis.	9	8 56.68	− 0.15	− 4.25	292 47 52.75	47.078	+ 4.79	−2 15.8	22 8 52.28	− 3.30	−28 14 34.5	−17.5
25	θ Aquarii.	9	11 50.42	+ 0.01	− **4.22**	312 45 53.42	46.458	+ 4.78	−1 2.1	22 11 46.18	.....	− 8 15 34.3	....
26	47 Aquarii.	9	16 22.94	− 0.10	− 4.25	298 57 54.50	45.213	+ 4.77	−1 43.5	22 16 18.59	− 3.29	−22 4 43.1	−19.5
27	π Aquarii.	9	20 26.83	+ 0.07	− **4.21**	321 55 55.32	43.348	+ 4.76	− 45.1	22 20 22.65	.....	+ 0 53 33.5	....
28	δ Cephei.	9	25 42.01	+ 0.51	− 4.25	18 55 58.32	46.048	+ 4.75	+ 19.9	22 25 38.27	− 4.17	+57 55 42.9	−34.9
29	η Aquarii.	9	30 29.83	+ 0.06	− **4.22**	320 25 53.38	43.062	+ 4.74	− 47.6	22 30 25.64	.....	− 0 36 37.5	....
	October 19, Ei.-Y.												
30	κ Piscium.	9	22 5.10	+ 0.06	− **4.02**	321 45 54.50	44.305	+ 4.62	− 45.4	23 22 1.11	.....	+ 0 43 54.1	....
31	θ Piscium.	9	23 10.39	+ 0.09	− **4.07**	326 51 54.28	47.410	+ 4.62	− 37.6	23 23 6.43	.....	+ 5 51 12.6	....
32	B. D.− 7°6036	9	26 8.54	+ 0.02	− 4.05	314 11 53.65	47.982	+ 4.62	− 59.2	23 26 4.51	− 3.48	− 6 48 56.5	−23.3
33	B. D.+ 2°4680.	9	28 4.77	+ 0.08	− 4.05	323 51 55.72	47.512	+ 4.61	− 42.1	23 28 0.80	− 3.55	+ 2 51 11.9	−25.2
34	B. D.− 6°6239.	9	30 54.71	+ 0.02	− 4.05	314 43 54.40	48.512	+ 4.60	− 58.1	23 30 50.68	− 3.49	− 6 16 42.6	−23.3
35	ι Piscium.	9	35 5.22	+ 0.09	− **4.03**	326 7 54.45	45.505	+ 4.60	− 38.7	23 35 1.26	.....	+ 5 6 28.1	....
36	B. D.− 2°6021.	9	37 30.56	+ 0.05	− 4.05	318 59 54.75	45.022	+ 4.59	− 50.1	23 37 26.56	− 3.54	− 2 1 54.0	−24.0
37	B. D.− 5°6048.	9	42 47.66	+ 0.03	− 4.05	316 1 54.18	45.920	+ 4.58	− 55.6	23 42 43.64	− 3.53	− 4 59 39.5	−23.3
38	B. D.+ 2°4725.	9	47 7.49	+ 0.08	− 4.05	323 25 55.70	44.125	+ 4.57	− 42.8	23 47 3.52	− 3.61	+ 2 23 53.7	−24.4
39	B. D.− 5°6081.	9	50 16.90	+ 0.03	− 4.05	315 49 54.70	44.828	+ 4.57	− 56.0	23 50 12.88	− 3.55	− 5 12 4.4	−23.0
40	B. D.− 6°6335.	9	54 49.67	+ 0.02	− 4.05	314 35 55.02	46.435	+ 4.56	− 58.4	23 54 45.64	− 3.55	− 6 25 29.8	−22.7
41	B. D.− 3°5750.	9	57 11.83	+ 0.04	− 4.05	317 43 54.88	44.935	+ 4.56	− 52.4	23 57 7.82	− 3.58	− 3 17 58.2	−23.1
42	B. D.− 4°6019.	9	0 35.13	+ 0.04	− 4.05	316 37 54.22	47.425	+ 4.55	− 54.4	0 0 31.12	− 3.58	− 4 23 3.9	−22.9
43	B. D.− 3°5	9	3 52.52	+ 0.05	− 4.05	318 15 56.38	46.510	+ 4.54	− 51.4	0 3 48.52	− 3.60	− 2 45 19.7	−23.0
44	B. D.+ 5°18 (*mean*).	9	8 49.25	+ 0.10	− 4.05	327 3 54.40	46.542	+ 4.53	− 37.4	0 8 45.30	− 3.72	+ 6 2 53.0	−24.0
45	B. D.+ 1°28.	9	11 48.71	+ 0.08	− 4.05	322 19 54.88	47.315	+ 4.53	− 44.5	0 11 44.74	− 3.67	+ 1 19 4.1	−23.3
46	B. D.+ 3°34.	9	15 30.54	+ 0.09	− 4.05	325 15 54.90	46.535	+ 4.52	− 40.0	0 15 26.58	− 3.71	+ 4 14 50.7	−23.5
47	44 Piscium.	9	20 33.50	+ 0.08	− **4.08**	322 25 53.70	46.035	+ 4.51	− 44.4	0 20 29.53	.....	+ 1 24 33.7	....
48	B. D.+ 2°54.	9	22 29.25	+ 0.08	− 4.05	323 17 55.30	47.148	+ 4.51	− 43.0	0 22 25.28	− 3.70	+ 2 17 2.1	−22.9
49	B. D.+ 0°70.	9	27 5.48	+ 0.08	− 4.05	321 59 54.85	46.795	+ 4.50	− 45.1	0 27 1.51	− 3.70	+ 0 58 51.5	−22.5
50	B. D.+ 3°70.	9	30 36.96	+ 0.09	− 4.05	324 45 54.22	49.640	+ 4.49	− 40.7	0 30 33.00	− 3.74	+ 3 46 0.3	−22.7
51	B. D.− 1°75.	9	33 14.63	+ 0.06	− 4.05	319 59 54.32	45.118	+ 4.49	− 48.5	0 33 10.64	− 3.68	− 1 1 50.8	−22.0
52	B. D.− 1°87.	9	37 46.82	+ 0.06	− 4.05	320 9 55.48	43.990	+ 4.48	− 48.2	0 37 42.83	− 3.69	− 0 52 15.1	−21.8
53	B. D.− 3°99.	9	42 47.53	+ 0.05	− 4.05	318 9 56.20	48.110	+ 4.47	− 51.7	0 42 43.53	− 3.67	− 2 50 43.7	−21.4
54	B. D.+11°102.	9	45 15.97	+ 0.14	− 4.05	332 19 54.25	45.360	+ 4.46	− 30.3	0 45 12.06	− 3.90	+11 18 32.8	−22.4
55	B. D.+12°104.	9	47 31.81	+ 0.15	− 4.05	334 7 54.95	48.278	+ 4.46	− 28.0	0 47 27.91	− 3.94	+13 7 42.5	−22.4
56	B. D.+11°118.	9	51 32.19	+ 0.15	− 4.05	333 11 54.85	48.220	+ 4.45	− 29.1	0 51 28.29	− 3.93	+12 11 40.0	−22.0
57	B. D.+ 3°131.	9	53 26.11	+ 0.10	− 4.05	324 47 55.68	46.225	+ 4.45	− 40.7	0 53 22.16	− 3.78	+ 3 46 43.7	−21.4
58	B. D.+ 4°157.	9	56 38.81	+ 0.10	− 4.05	325 37 55.02	47.278	+ 4.44	− 39.5	0 56 34.86	− 3.80	+ 4 37 8.3	−21.2
59	26 Ceti.	9	58 57.24	+ 0.08	− 4.05	321 51 56.25	47.592	+ 4.44	− 45.4	0 58 53.27	− 3.75	+ 0 51 10.8	−20.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 13 34	29.92	56.8	56.3
20 23	29.85	54.8	53.4
20 48	....	....	53.0
21 27	29.84	53.2	52.0
21 52	....	....	51.7
22 30	29.84	52.0	50.9
23 21	29.835	51.3	50.0
23 37	....	....	49.9
[illegible]	29.83	50.7	49.4
0 24	....	....	49.0
0 49	29.82	50.0	48.8

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at I, II, III.
2. Bisections at V, VI, VII.
5. Bisections at I, II, VI, VII.
6. Bisections at I, II.
9. Bisections at II, III, V, VI.
14. Bisections at b_3, b_5, b_7.
18. Bisections at I, VI, VII.
24, 26. Bisections at I, II, VI.

Notes.

13. Observed head north.
18. Diffuse.
51-59. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.6	+16 4.8	...	+16 11.4
2	+ 6.6	−16 4.7	...	−15 58.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+15°159.	9	1 21.96	+ 0.17	– 4.05	336 49 54.55	43.795	+ 4.43	– 24.7	1 1 18.08	– 4.03	+15 48 3.0	–21.5
2	B. D.+ 9°132.	9	3 25.33	+ 0.13	– 4.05	330 23 55.88	48.625	+ 4.43	– 32.8	1 3 21.41	– 3.90	+ 9 23 46.6	–21.0
3	B. D.+ 3°166.	9	6 34.74	+ 0.10	– 4.05	324 55 55.42	47.382	+ 4.43	– 40.6	1 6 30.79	– 3.80	+ 3 55 9.9	–20.6
4	B. D.+15°177.	9	9 6.39	+ 0.17	– 4.05	336 37 55.42	47.782	+ 4.42	– 24.9	1 9 2.51	– 4.04	+15 37 34.7	–20.8
5	B. D.+13°192.	9	12 32.31	+ 0.16	– 4.05	334 45 55.65	44.438	+ 4.41	– 27.2	1 12 28.42	– 4.00	+13 44 16.2	–20.6
6	B. D.+ 4°232.	9	17 31.96	+ 0.11	– 4.05	326 15 54.58	44.550	+ 4.40	– 38.6	1 17 28.02	– 3.84	+ 5 14 6.3	–19.9
7	B. D.+13°207.	9	19 18.60	+ 0.16	– 4.05	334 25 56.35	43.942	+ 4.40	– 27.7	1 19 14.71	– 4.01	+13 24 5.1	–20.0
8	B. D.+ 6°228.	9	24 7.07	+ 0.12	– 4.05	327 49 55.65	43.980	+ 4.39	– 36.4	1 24 3.14	– 3.88	+ 6 47 56.6	–19.5
9	B. D.+15°227.	9	26 50.75	+ 0.17	– 4.05	336 35 55.42	42.135	+ 4.39	– 25.0	1 26 46.87	– 4.07	+15 33 25.5	–19.4
10	B. D.+13°238.	9	29 51.94	+ 0.16	– 4.05	334 53 54.75	48.090	+ 4.38	– 27.0	1 29 48.05	– 4.04	+13 53 39.0	–19.2
11	π Piscium.	9	32 5.22	+ 0.15	– **4.08**	332 39 54.70	46.662	+ 4.38	– 29.9	1 32 1.32	....	+11 39 3.4	....
12	B. D.+ 8°258.	9	35 36.24	+ 0.13	– 4.05	329 17 55.65	45.308	+ 4.37	– 34.3	1 35 32.32	– 3.92	+ 8 16 28.7	–18.7
13	ν Piscium.	9	36 30.78	+ 0.11	– **4.07**	326 1 55.05	44.640	+ 4.37	– 38.9	1 36 26.84	....	+ 5 0 8.5	....
14	τ Ceti.	9	39 41.22	– 0.03	– **4.05**	304 35 53.45	44.810	+ 4.36	–1 23.6	1 39 37.14	....	–16 26 34.1	....
15	ν Ceti.	9	30 54.81	+ 0.12	– **4.12**	326 11 54.58	45.510	+ 4.29	– 38.7	2 30 50.88	....	+ 5 10 28.0	....
16	ν Arietis.	9	33 26.53	+ 0.21	– **4.05**	342 33 56.08	45.325	+ 4.29	– 18.1	2 33 22.69	....	+21 32 45.9	....
17	B. D.+16°330.	9	37 5.29	+ 0.18	– 4.05	337 33 55.62	46.040	+ 4.29	– 23.9	2 37 1.42	– 4.13	+16 32 56.0	–12.9
18	B. D.+13°442.	9	39 51.32	+ 0.17	– 4.05	334 51 55.75	43.560	+ 4.29	– 27.1	2 39 47.44	– 4.06	+13 49 56.2	–12.9
19	B. D.+17°442.	9	43 13.70	+ 0.19	– 4.05	338 53 55.20	46.185	+ 4.29	– 22.3	2 43 9.84	– 4.17	+17 53 0.5	–12.1
20	σ Arietis.	9	46 16.08	+ 0.17	– **4.03**	335 41 55.45	46.785	+ 4.29	– 26.1	2 46 12.20	....	+14 41 10.6	....
21	B. D.+17°454.	9	49 36.91	+ 0.19	– 4.05	338 21 56.38	45.215	+ 4.28	– 22.9	2 49 33.05	– 4.15	+17 20 38.9	–11.5
22	B. D.+23°392.	9	53 6.11	+ 0.22	– 4.05	344 45 56.55	45.560	+ 4.28	– 15.7	2 53 2.28	– 4.35	+23 44 54.1	–10.4
23	B. D.+17°471.	9	55 12.24	+ 0.19	– 4.05	338 37 57.35	47.145	+ 4.28	– 22.6	2 55 8.38	– 4.15	+17 37 24.2	–10.9
24	B. D.+15°430.	9	59 24.62	+ 0.18	– 4.05	336 29 55.15	46.268	+ 4.28	– 25.1	2 59 20.75	– 4.08	+15 28 59.5	–10.8
25	B. D.+18°414.	9	2 59.21	+ 0.20	– 4.05	339 27 54.82	42.380	+ 4.28	– 21.7	3 2 55.36	– 4.16	+18 25 33.7	–10.0
26	B. D.+15°447.	9	7 6.79	+ 0.18	– 4.05	337 9 54.30	47.055	+ 4.28	– 24.4	3 7 2.92	– 4.09	+16 9 17.3	–10.0
27	B. D.+11°456.	9	10 52.03	+ 0.15	– 4.05	332 17 55.55	44.832	+ 4.28	– 30.4	3 10 48.13	– 3.95	+11 16 21.8	–10.3
28	B. D.+19°507.	9	14 26.01	+ 0.20	– 4.05	340 55 56.20	47.780	+ 4.27	– 20.0	3 14 22.16	– 4.19	+19 55 40.2	– 8.7
29	B. D.+19°523.	9	18 35.03	+ 0.20	– 4.05	340 35 56.48	43.078	+ 4.27	– 20.4	3 18 31.18	– 4.18	+19 33 52.6	– 8.3
30	B. D.+13°545.	9	20 9.02	+ 0.17	– 4.05	334 45 55.48	46.118	+ 4.27	– 27.3	3 20 5.14	– 4.00	+13 44 54.2	– 9.0
31	B. D.+19°547.	9	25 2.31	+ 0.20	– 4.05	340 47 55.90	44.628	+ 4.27	– 20.2	3 24 58.46	– 4.17	+19 46 27.7	– 7.6
32	B. D.+23°463.	9	26 25.76	+ 0.22	– 4.05	344 21 55.98	41.042	+ 4.27	– 16.2	3 26 21.93	– 4.28	+23 19 9.8	– 6.8
33	B. D.+19°562.	9	30 55.93	+ 0.20	– 4.05	340 45 59.22	45.775	+ 4.27	– 20.2	3 30 52.08	– 4.16	+19 44 57.2	– 7.0
34	B. D.+13°579.	8	34 1.08	+ 0.17	– 4.05	334 35 55.95	45.890	+ 4.27	– 27.5	3 33 57.20	– 3.97	+13 34 49.3	– 7.7
35	B. D.+16°497.	9	37 14.86	+ 0.19	– 4.05	337 59 55.52	46.445	+ 4.26	– 23.4	3 37 11.00	– 4.06	+16 59 5.6	– 6.8
36	B. D.+24°547.	9	39 34.08	+ 0.23	– 4.05	345 11 56.15	42.968	+ 4.26	– 15.3	3 39 30.26	– 4.28	+24 9 54.5	– 5.2
37	B. D.+23°522.	9	40 42.13	+ 0.22	– 4.05	344 39 58.88	45.442	+ 4.26	– 15.9	3 40 38.30	– 4.26	+23 38 53.2	– 5.1
38	B. D.+23°553.	9	42 51.46	+ 0.23	– 4.05	345 3 58.72	45.645	+ 4.26	– 15.4	3 42 47.64	– 4.27	+24 2 58.2	– 4.9
39	B. D.+21°535.	9	44 20.86	+ 0.22	– 4.05	342 57 56.00	46.122	+ 4.26	– 17.7	3 44 17.03	– 4.20	+21 57 4.1	– 5.1
40	B. D.+13°613.	9	47 37.46	+ 0.17	– 4.05	335 7 55.15	42.940	+ 4.26	– 26.8	3 47 33.58	– 3.95	+14 5 41.7	– 6.3
41	B. D.+22°605.	9	51 16.10	+ 0.22	– 4.05	343 13 56.00	43.332	+ 4.26	– 17.4	3 51 12.27	– 4.18	+22 12 0.9	– 4.3
42	B. D.+26°655.	9	53 18.71	+ 0.24	– 4.05	347 55 55.92	46.410	+ 4.26	– 12.3	3 53 14.90	– 4.35	+26 55 16.3	– 3.1
43	λ Tauri.	9	55 26.08	+ 0.16	– **4.03**	333 13 53.65	46.795	+ 4.26	– 29.2	3 55 22.19	....	+12 13 5.9	....
44	B. D.+21°587.	9	59 43.63	+ 0.21	– 4.05	342 45 55.75	45.765	+ 4.26	– 18.0	3 59 39.79	– 4.14	+21 44 55.4	– 3.5
45	B. D.+20°701.	9	1 34.27	+ 0.21	– 4.05	342 1 56.55	43.855	+ 4.25	– 18.8	4 1 30.43	– 4.12	+21 0 12.0	– 3.5
46	43 Tauri.	9	3 38.69	+ 0.20	– 4.05	340 23 55.82	41.525	+ 4.25	– 20.6	4 3 34.84	....	+19 21 16.3	....
47	B. D.+21°606.	9	6 35.97	+ 0.21	– 4.05	342 19 54.48	41.278	+ 4.25	– 18.5	4 6 32.13	– 4.11	+21 17 11.4	– 2.9
48	B. D.+22°657.	9	8 52.26	+ 0.22	– 4.05	343 13 54.98	44.555	+ 4.25	– 17.5	4 8 48.43	– 4.13	+22 12 27.8	– 2.4
49	B. D.+21°618.	9	12 46.65	+ 0.21	– 4.05	342 21 55.35	44.960	+ 4.25	– 18.4	4 12 42.81	– 4.09	+21 20 36.2	– 2.2
50	B. D.+13°663.	9	14 37.62	+ 0.17	– 4.05	334 49 54.00	44.250	+ 4.25	– 27.2	4 14 33.74	– 3.86	+13 48 9.8	– 3.7
51	B. D.+13°668.	9	16 43.31	+ 0.17	– 4.05	334 51 55.75	46.260	+ 4.25	– 27.2	4 16 39.43	– 3.85	+13 50 57.5	– 3.5
52	B. D.+23°684.	9	18 16.72	+ 0.23	– 4.05	345 5 57.35	44.628	+ 4.25	– 15.4	4 18 12.90	– 4.16	+24 4 33.6	– 1.0
53	68 Tauri.	9	20 0.44	+ 0.19	– 4.05	338 43 53.98	44.762	+ 4.25	– 22.6	4 19 56.58	– 3.95	+17 42 26.1	– 2.3
54	B. D.+21°647.	9	22 23.14	+ 0.21	– 4.05	342 25 55.05	44.115	+ 4.25	– 18.4	4 22 19.30	– 4.05	+21 24 16.6	– 1.2
55	B. D.+15°632.	9	23 15.17	+ 0.18	– 4.05	336 41 55.42	42.087	+ 4.25	– 25.0	4 23 11.30	– 3.88	+15 39 24.4	– 2.4
56	B. D.+15°637.	8	25 8.18	+ 0.18	– 4.05	337 1 54.50	41.155	+ 4.25	– 24.6	4 25 4.31	– 3.88	+15 59 2.7	– 2.2
57	B. D.+24°663.	8	26 35.71	+ 0.23	– 4.05	346 0	......	....	....	4 26 31.89	– 4.16	+24 58	....
58	B. D.+20°778.	9	29 10.20	+ 0.21	– 4.05	341 55 55.22	43.788	+ 4.25	– 18.9	4 29 6.36	– 4.01	+20 54 9.1	– 0.6
59	B. D.+27°673.	8	31 15.48	+ 0.25	– 4.05	348 43 56.62	47.505	+ 4.24	– 11.5	4 31 11.68	– 4.24	+27 43 42.8	+ 1.3
60	B. D.+15°665.	9	33 44.56	+ 0.18	– 4.05	336 37 54.55	45.245	+ 4.24	– 25.0	4 33 40.69	– 3.84	+15 36 35.6	– 1.4
61	B. D.+18°684.	9	37 19.62	+ 0.20	– 4.05	339 33 56.10	44.300	+ 4.24	– 21.6	4 37 15.77	– 3.91	+18 32 18.9	– 0.4
62	B. D.+25°731.	9	40 22.30	+ 0.24	– 4.05	346 51 57.70	47.060	+ 4.24	– 13.5	4 40 18.49	– 4.13	+25 51 31.7	+ 1.8
63	B. D.+24°689.	9	42 48.84	+ 0.23	– 4.05	345 35 56.68	43.955	+ 4.24	– 14.9	4 42 45.02	– 4.07	+24 34 18.3	+ 1.8
64	π^3 Orionis.	9	44 41.95	+ 0.13	– **4.04**	327 49 54.40	43.120	+ 4.24	– 36.5	4 44 38.03	....	+ 6 47 35.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
19 1 15	......	....	48.2	12, 14, 36–39, 44, 49–54. Bisections at I, II.					
1 43	29.80	49.3	48.0	55, 56. Bisections at VI, VII.					
2 26	29.79	49.0	47.7						
2 58	......	....	47.3						
3 22	29.78	48.0	46.9						
3 46	......	....	46.8						
4 10	29.775	47.5	46.1						
4 35	......	....	45.9						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	π⁵ Orionis	9	49 19.28	+ 0.10	− **4.01**	323 17 56.12	47.058	+ 4.24	− 43.2	4 49 15.33	....	+ 2 17 0.4	....
	October 19, Br.												
2	ν Orionis	8	2 9.48	+ 0.19	− **4.25**	335 47 56.38	45.568	+ 4.19	− 26.1	6 2 5.42	....	+14 46 43.7	....
3	ζ Canis Majoris	9	16 42.28	− 0.12	− 4.25	291 1 53.08	46.228	+ 4.18	−2 29.9	6 16 37.91	....	−30 1 8.2	....
4	χ Draconis s. P.	9	22 51.09	− 0.56	− 4.25	68 18 0.02	41.455	+ 4.17	+2 25.7	18 22 46.28	....	+72 41 54.8	....
5	23 H. Camelopardalis	5	30 54.52	+ 1.51	− 4.25	40 39 58.65	44.872	+ 4.17	+ 50.1	6 29 51.78	....	+79 39 45.9	....
6	S Monocerotis	5	35 45.40	+ 0.17	− **4.29**	330 59 55.92	46.605	+ 4.16	− 32.2	6 35 41.32	....	+ 9 59 1.0	....
7	24 H. Camelopardalis	9	46 6.93	+ 1.25	− 4.25	38 5 59.95	44.793	+ 4.15	+ 45.8	6 46 3.93	− 8.22	+77 5 40.4	+28.2
8	ε Canis Majoris	9	54 55.54	− 0.10	− 4.25	292 11 54.00	47.855	+ 4.15	−2 21.3	6 54 51.19	....	−28 50 21.6	....
9	δ Canis Majoris	9	4 33.57	− 0.08	− 4.25	294 47 54.28	47.277	+ 4.14	−2 5.0	7 4 29.24	....	−26 14 18.4	....
10	25 H. Camelopardalis	9	10 54.82	+ 2.04	− 4.25	43 36 0.42	43.847	+ 4.13	+ 55.6	7 10 52.61	....	+82 35 29.1	....
11	τ Draconis s. P.	8	17 29.32	− 0.57	− 4.25	67 48 0.80	43.823	+ 4.12	+2 22.3	19 17 24.50	....	+73 11 3.1	....
12	ρ Geminorum	9	22 59.58	+ 0.32	− 4.25	352 59 56.45	43.848	+ 4.12	− 7.1	7 22 55.65	....	+31 58 23.3	....
13	108 G. Puppis	8	30 0.75	− 0.04	− 4.25	298 57 54.15	44.117	+ 4.11	−1 44.7	7 29 56.46	− 2.31	−22 5 10.3	+ 0.5
14	κ Geminorum	9	38 42.47	+ 0.27	− **4.21**	345 37 57.48	47.358	+ 4.10	− 14.9	7 38 38.49	....	+24 37 36.7	....
15	ε Draconis s. P.	9	48 35.63	− 0.42	− 4.25	70 56 0.88	45.930	+ 4.10	+2 47.8	19 48 30.96	....	+70 1 49.6	....
16	χ Geminorum	9	57 40.53	+ 0.30	− **4.24**	349 3 58.45	47.442	+ 4.09	− 11.2	7 57 36.58	....	+28 3 43.3	....
17	3 H. Ursæ Majoris	9	3 17.31	+ 0.83	− 4.25	29 45 59.62	43.888	+ 4.08	+ 33.4	8 3 13.89	....	+68 45 7.8	....
18	β Cancri	9	11 21.84	+ 0.19	[− **4.19**]	330 29 54.95	46.365	+ 4.08	− 32.9	8 11 17.78	....	+ 9 28 53.6	....
19	31 Lyncis	8	16 18.55	+ 0.42	− 4.25	4 29 56.92	46.500	+ 4.07	+ 4.7	8 16 14.72	....	+43 29 36.1	....
20	30 Monocerotis	9	20 55.31	+ 0.11	[− **4.22**]	317 25 54.15	46.280	+ 4.07	− 53.4	8 20 51.17	....	− 3 35 29.7	....
21	γ Cancri	9	37 46.87	+ 0.27	[− **4.25**]	342 49 56.75	45.365	+ 4.05	− 17.9	8 37 42.89	....	+21 48 47.1	....
22	ε Hydræ	9	41 44.74	+ 0.18	[− **4.22**]	327 47 54.98	45.012	+ 4.05	− 36.6	8 41 40.67	....	+ 6 46 18.9	....
23	Venus S	.	.. ..	....	....	322 55 54.92	46.388	+ 4.57	− 43.2	11 11	....	+ 1 54 44.3	....
24	Mercury C	.	.. ..	....	....	319 37 54.85	43.379	+ 5.13	− 48.3	12 32	....	− 1 24 29.1	....
	October 20, Br.												
25	Sun N	.	.. ..	....	....	311 11 53.42	46.960	+ 5.13	−1 4.0	13 36	....	− 9 49 24.9	....
26	Sun S	.	.. ..	....	....	310 39 52.15	46.548	+ 5.13	−1 5.3	.. ..	....	−10 21 35.9	....
27	θ Aquilæ	9	6 24.87	+ 0.02	− **4.25**	319 55 54.20	44.072	+ 6.25	− 47.0	20 6 20.60	....	− 1 6 11.5	....
28	β Capricorni	9	15 40.89	− 0.06	− **4.26**	305 57 53.45	43.345	+ 6.22	−1 16.9	20 15 36.54	....	−15 4 58.8	....
29	ρ Capricorni	9	23 26.95	− 0.09	− **4.27**	302 53 52.08	46.955	+ 6.19	−1 26.2	20 23 22.57	....	−18 7 47.2	....
30	θ Cephei	9	28 3.09	+ 0.52	− 4.29	23 39 56.70	48.460	+ 6.17	+ 24.7	20 27 59.32	....	+62 40 42.7	....
31	13 G. Microscopii	7	34 22.37	− 0.22	− 4.29	287 17 53.90	44.275	+ 6.15	−2 57.3	20 34 17.86	− 3.09	−33 46 17.5	−12.7
32	ε Aquarii	9	42 32.75	− 0.03	− **4.29**	311 11 51.88	43.505	+ 6.12	−1 3.9	20 42 28.43	....	− 9 50 43.8	....
33	μ Aquarii	9	47 32.59	− 0.03	− **4.30**	311 41 51.88	44.052	+ 6.10	−1 2.8	20 47 28.27	....	− 9 20 30.2	....
34	ρ Ursæ Majoris s. P.	9	53 55.74	− 0.40	− 4.29	72 57 58.85	45.083	+ 6.08	+3 1.7	8 53 51.05	− 2.55	+67 59 55.2	+32.0
35	θ Capricorni	9	0 37.20	− 0.08	− **4.37**	303 25 53.02	44.188	+ 6.05	−1 24.7	21 0 32.83	....	−17 36 47.9	....
36	ζ Cygni	9	8 55.33	+ 0.19	− **4.25**	350 51 56.18	43.642	+ 6.02	− 9.0	21 8 51.23	....	+29 50 18.3	....
37	σ Cygni	9	13 43.18	+ 0.25	− 4.29	359 59 55.35	47.402	+ 6.00	+ 0.1	21 13 39.14	....	+38 59 52.5	....
38	β Aquarii	9	26 34.57	− 0.01	− **4.30**	315 1 53.32	46.355	+ 5.95	− 56.0	21 26 30.27	....	− 5 59 29.5	....
39	72 Cygni	9	30 55.82	+ 0.24	− 4.29	359 7 57.08	43.852	+ 5.94	− 0.8	21 30 51.77	− 3.02	+38 6 32.1	−34.8
40	δ Capricorni	9	41 48.88	− 0.08	− **4.33**	304 27 53.22	46.870	+ 5.90	−1 21.6	21 41 44.51	....	−16 33 43.4	....
41	13 Cephei	9	51 44.77	+ 0.42	− 4.29	17 9 57.05	46.232	+ 5.86	+ 17.5	21 51 40.92	− 3.51	+56 9 44.7	−36.4
42	28 Aquarii	9	56 14.68	+ 0.03	− 4.29	321 9 52.70	46.552	+ 5.84	− 45.2	21 56 10.42	− 3.14	+ 0 8 45.1	−25.8
43	ι Aquarii	9	1 19.58	− 0.06	− **4.34**	306 41 52.02	45.715	+ 5.82	−1 15.3	22 1 15.23	....	−14 20 4.8	....
44	28 Pegasi	9	6 2.43	+ 0.14	− 4.29	341 31 55.78	44.880	+ 5.80	− 18.8	22 5 58.28	− 3.24	+20 30 36.2	−31.0
45	θ Aquarii	9	11 50.54	− 0.02	− **4.33**	312 45 53.12	46.302	+ 5.78	−1 0.8	22 11 46.23	....	− 8 15 35.9	....
46	47 Aquarii	9	16 23.02	− 0.12	− 4.29	298 57 53.82	45.035	+ 5.76	−1 41.3	22 16 18.61	− 3.27	−22 4 44.6	−19.4
47	π Aquarii	9	20 26.88	+ 0.03	− **4.23**	321 55 54.25	43.235	+ 5.75	− 44.1	22 20 22.62	....	+ 0 53 31.8	....
48	δ Cephei	9	25 42.07	+ 0.44	− 4.29	18 55 56.90	46.112	+ 5.73	+ 19.5	22 25 38.22	− 4.15	+57 55 43.6	−35.1
49	η Aquarii	9	30 29.93	+ 0.02	− **4.29**	320 25 53.10	42.962	+ 5.71	− 46.5	22 30 25.66	....	− 0 36 38.0	....
50	30 Cephei	9	35 20.86	+ 0.52	− 4.29	24 5 57.38	44.980	+ 5.69	+ 25.3	22 35 17.09	− 4.64	+63 5 24.1	−34.7
51	13 Lacertæ	9	39 53.64	+ 0.27	− 4.29	2 19 56.25	45.452	+ 5.68	+ 2.4	22 39 49.62	− 3.78	+41 19 10.8	−33.2
52	μ Pegasi	9	45 26.91	+ 0.16	− **4.25**	345 5 55.98	48.065	+ 5.66	− 15.0	22 45 22.78	....	+24 5 52.9	....
53	94 H¹. Aquarii	8	50 16.86	0.00	− 4.29	315 31 54.05	45.302	+ 5.64	− 55.4	22 50 12.57	− 3.36	− 5 29 52.3	−24.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 4 51	29.765	47.0	45.8
6 2	29.76	46.6	44.9
7 5	......	....	44.7
7 23	29.755	46.0	....
7 58	......	....	44.4
8 21	......	....	44.4
8 42	29.76	46.1	45.0
11 11	29.77	54.0	52.3
12 33	29.87	59.5	58.1
20 13 38	29.76	62.0	62.0
20 6	29.735	63.6	64.0
20 43	......	....	62.9
21 1	29.73	62.0	....
21 42	......	....	61.0
22 30	......	....	59.8

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at II, III, IV.
5.	Bisections at IV, VI.
6, 53.	Bisections at VI, VII.
7, 9, 11, 25.	Bisections at I, II, III.
8.	Bisections at I, II, VI.
10.	Bisections at II, III, VI.
13, 30, 31, 41, 48.	Bisections at II, IV, VI.
15, 17.	Bisections at III, V.
21, 29.	Bisections at I, II.
23, 24.	Bisections at I, II, VI, VII.
26.	Bisections at V, VI, VII.
34, 50.	Bisections at III, IV, V.

Notes.

3. Circle reading increased 1°.

34, 49. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+ 13.1	+ 21.3	...	+ 34.4
24	+ 5.6	.. ....	+ 0.5	+ 6.1
25	+ 6.6	−16 5.5	...	−15 58.9
26	+ 6.7	+16 5.4	...	+16 12.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	52 Pegasi	9	54 28.28	+ 0.09	− 4.29	332 13 53.88	46.698	+ 5.62	− 29.7	22 54 24.08	− 3.47	+11 13 4.8	−27.9
2	β Piscium	9	59 4.11	+ 0.04	− 4.29	324 19 54.68	45.080	+ 5.60	− 40.5	22 58 59.86	− 3.43	+ 3 18 17.8	−26.1
3	A Piscium	9	3 50.53	+ 0.04	− 4.29	322 37 54.22	45.545	+ 5.59	− 43.1	23 3 46.28	− 3.45	+ 1 36 25.4	−25.6
	October 20, Ei.-Y.												
4	ω Piscium	9	54 27.52	+ 0.03	− **4.05**	327 21 54.28	44.130	+ 5.50	− 36.3	23 54 23.50	....	+ 6 19 59.8	....
5	B. D.− 3°5750	9	57 11.91	− 0.02	− 4.05	317 43 55.70	44.792	+ 5.50	− 51.4	23 57 7.84	− 3.58	− 3 17 58.7	−23.1
6	2 Ceti	9	58 53.98	− 0.11	− **4.09**	303 9 52.35	45.815	+ 5.50	−1 26.4	23 58 49.82	....	−17 52 13.6	....
7	B. D.− 0°4619	9	1 17.60	− 0.01	− 4.05	320 35 54.12	47.932	+ 5.50	− 46.4	0 1 13.54	− 3.62	− 0 24 43.5	−23.4
8	B. D.− 0°6	9	4 1.78	0.00	− 4.05	321 9 53.00	48.612	+ 5.50	− 45.5	0 3 57.73	− 3.63	+ 0 9 31.8	−23.4
9	B. D.− 4°12	9	9 11.07	− 0.02	− 4.05	316 33 54.80	48.835	+ 5.50	− 53.5	0 9 6.99	− 3.60	− 4 26 29.3	−22.5
10	B. D.+ 8°24 (*fol.*)	9	12 32.47	+ 0.04	− 4.05	329 21 54.78	45.430	+ 5.50	− 33.5	0 12 28.46	− 3.76	+ 8 20 32.6	−24.1
11	B. D.− 0°42	9	14 26.26	0.00	− 4.05	320 59 54.00	47.980	+ 5.50	− 45.8	0 14 22.21	− 3.65	− 0 0 42.2	−23.0
12	d Piscium	9	15 44.14	+ 0.04	− 4.05	328 39 54.02	47.998	+ 5.50	− 34.4	0 15 40.13	− 3.76	+ 7 39 29.9	−23.9
13	B. D.+ 1°52	9	18 47.50	+ 0.01	− 4.05	323 13 55.12	46.265	+ 5.50	− 42.2	0 18 43.46	− 3.69	+ 2 12 43.6	−23.0
14	B. D.+ 6°43	9	20 49.68	+ 0.03	− 4.05	328 9 53.95	48.560	+ 5.50	− 35.1	0 20 45.66	− 3.76	+ 7 9 41.7	−23.5
15	B. D.+ 8°51	9	21 59.94	+ 0.04	− 4.05	329 47 54.70	47.430	+ 5.50	− 32.9	0 21 55.93	− 3.79	+ 8 47 19.1	−23.7
16	B. D.+ 4°63	9	25 17.23	+ 0.02	− 4.05	325 19 54.10	48.952	+ 5.50	− 39.1	0 25 13.20	− 3.74	+ 4 19 47.0	−23.0
17	B. D.+ 0°77	9	29 33.38	0.00	− 4.05	321 29 51.90	45.740	+ 5.50	− 45.0	0 29 29.33	− 3.69	+ 0 28 25.6	−22.3
18	B. D.+10°65	9	32 23.46	+ 0.05	− 4.05	331 55 55.12	45.288	+ 5.50	− 30.2	0 32 19.46	− 3.86	+10 54 33.2	−23.2
19	B. D.− 5°101	9	35 53.86	− 0.03	− 4.05	316 7 52.92	48.428	+ 5.50	− 54.3	0 35 49.78	− 3.64	− 4 52 41.3	−21.4
20	B. D.− 1°94	9	40 54.78	− 0.01	− 4.05	319 17 55.18	48.395	+ 5.50	− 48.6	0 40 50.72	− 3.68	− 1 42 34.3	−21.5
21	B. D.+ 5°104	9	42 30.43	+ 0.03	− 4.05	327 13 54.40	46.940	+ 5.50	− 36.4	0 42 26.41	− 3.80	+ 6 13 4.1	−22.2
22	δ Piscium	9	43 46.83	+ 0.03	− **4.09**	328 3 54.52	48.828	+ 5.50	− 35.2	0 43 42.81	....	+ 7 3 48.5	....
23	B. D.+ 3°115	9	47 3.83	+ 0.01	− 4.05	324 33 55.45	45.155	+ 5.50	− 40.3	0 46 59.79	− 3.77	+ 3 32 20.4	−21.7
24	B. D.+12°108	9	50 3.90	+ 0.06	− 4.05	333 19 54.10	48.188	+ 5.50	− 28.4	0 49 59.91	− 3.93	+12 19 40.3	−22.2
25	B. D.+12°119	9	52 57.07	+ 0.06	− 4.05	334 11 54.90	45.515	+ 5.50	− 27.3	0 52 53.08	− 3.96	+13 10 41.1	−22.0
26	B. D.− 2°140	9	55 51.14	− 0.02	− 4.05	318 49 53.85	48.665	+ 5.50	− 49.5	0 55 47.07	− 3.70	− 2 10 30.1	−20.7
27	B. D.+12°126	9	58 8.39	+ 0.06	− 4.05	333 33 54.22	43.948	+ 5.50	− 28.2	0 58 4.40	− 3.95	+12 32 3.7	−21.6
28	B. D.+15°164	9	2 51.87	+ 0.08	− 4.05	336 21 54.80	46.572	+ 5.50	− 24.8	1 2 47.90	− 4.02	+15 21 7.7	−21.4
29	B. D.+13°175	9	6 16.41	+ 0.07	− 4.05	335 11 55.42	46.125	+ 5.50	− 26.2	1 6 12.43	− 4.01	+14 10 56.6	−21.1
30	ζ¹ Piscium	9	8 47.70	+ 0.03	− **4.08**	328 5 54.80	44.340	+ 5.50	− 35.3	1 8 43.68	....	+ 7 4 6.2	....
31	B. D.+ 0°210	9	10 44.64	0.00	− 4.05	321 25 54.35	45.335	+ 5.50	− 45.2	1 10 40.59	− 3.76	+ 0 24 18.5	−20.1
52	f Piscium	9	12 55.57	+ 0.01	− 4.05	324 7 54.22	45.885	+ 5.50	− 41.0	1 12 51.53	....	+ 3 6 35.2	....
33	B. D.+ 9°158	9	17 46.01	+ 0.05	− 4.05	330 53 54.62	44.515	+ 5.50	− 31.6	1 17 42.01	− 3.94	+ 9 52 13.7	−20.1
34	B. D.+13°207	9	19 18.69	+ 0.07	− 4.05	334 25 56.20	43.902	+ 5.50	− 27.1	1 19 14.71	− 4.01	+13 24 6.0	−20.0
35	B. D.+ 2°207	9	20 48.01	+ 0.01	− 4.05	323 27 55.45	50.620	+ 5.50	− 42.0	1 20 43.97	− 3.80	+ 2 28 23.6	−19.6
36	B. D.+ 8°238	9	24 13.11	+ 0.04	− 4.05	330 11 55.72	46.335	+ 5.50	− 32.5	1 24 9.10	− 3.93	+ 9 10 55.5	−19.6
37	B. D.+16°167	9	26 57.50	+ 0.08	− 4.05	337 27 55.25	47.530	+ 5.50	− 23.5	1 26 53.53	− 4.10	+16 27 31.3	−19.4
38	B. D.+ 9°189	9	30 33.81	+ 0.05	− 4.05	331 5 54.20	44.620	+ 5.50	− 31.3	1 30 29.81	− 3.96	+10 4 15.9	−19.1
39	B. D.+ 4°282	9	32 6.27	+ 0.02	− 4.05	326 9 54.12	45.815	+ 5.50	− 38.0	1 32 2.24	− 3.86	+ 5 8 36.5	−18.9
40	B. D.+ 6°259	9	36 12.51	+ 0.03	− 4.05	328 7 54.70	44.902	+ 5.50	− 35.2	1 36 8.49	− 3.90	+ 7 6 19.0	−18.6
41	B. D.+ 2°255	9	38 58.42	+ 0.01	− 4.05	324 7 56.90	45.440	+ 5.50	− 41.0	1 38 54.38	− 3.83	+ 3 6 27.7	−19.0
42	B. D.+14°270	9	40 47.42	+ 0.07	− 4.05	335 31 54.38	47.362	+ 5.50	− 25.8	1 40 43.44	− 4.07	+14 31 24.3	−18.3
43	B. D.+16°204	9	43 13.57	+ 0.08	− 4.05	337 33 55.20	45.062	+ 5.50	− 23.4	1 43 9.60	− 4.13	+16 32 34.9	−18.0
44	B. D.+ 8°284	9	46 32.77	+ 0.04	− 4.05	329 49 54.38	48.260	+ 5.50	− 32.9	1 46 28.76	− 3.95	+ 8 49 37.7	−17.8
45	B. D.+10°257	8	49 22.35	+ 0.05	− 4.05	331 57 55.22	43.335	+ 5.50	− 30.2	1 49 18.35	− 4.00	+10 55 48.7	−17.6
46	B. D.+ 5°274	9	55 1.34	+ 0.02	− 4.05	326 35 53.22	44.782	+ 5.50	− 37.3	1 54 57.31	− 3.88	+ 5 34 12.7	−17.2
47	B. D.+12°271	9	57 29.75	+ 0.06	− 4.05	334 1 54.88	45.918	+ 5.50	− 27.5	1 57 25.76	− 4.05	+13 0 50.1	−16.8
48	B. D.+ 7°324	9	1 12.86	+ 0.04	− 4.05	328 47 53.65	47.730	+ 5.50	− 34.2	2 1 8.85	− 3.93	+ 7 47 23.6	−16.7
49	B. D.+ 8°330	9	3 18.88	+ 0.04	− 4.05	329 25 54.45	43.118	+ 5.50	− 33.4	2 3 14.87	− 3.94	+ 8 23 39.8	−16.5
50	B. D.+ 7°347	9	6 21.63	+ 0.04	− 4.05	329 7 56.05	47.192	+ 5.50	− 33.7	2 6 17.62	− 3.94	+ 8 7 14.2	−16.2
51	B. D.+15°322	9	10 46.09	+ 0.08	− 4.05	336 23 54.45	44.735	+ 5.50	− 24.7	2 10 42.12	− 4.12	+15 22 25.4	−15.5
52	B. D.+21°321	9	13 15.54	+ 0.11	− 4.05	342 27 55.58	46.622	+ 5.50	− 17.8	2 13 11.60	− 4.29	+21 27 16.5	−14.9
53	B. D.+19°346	9	15 16.21	+ 0.10	− 4.05	340 41 57.42	45.945	+ 5.50	− 19.7	2 15 12.26	− 4.24	+19 41 1.0	−14.8
54	B. D.+16°281	9	17 20.74	+ 0.08	− 4.05	337 27 56.48	43.305	+ 5.50	− 23.4	2 17 16.77	− 4.15	+16 25 56.1	−14.8
55	ξ Arietis	9	19 45.03	+ 0.05	− 4.05	331 11 54.80	45.345	+ 5.50	− 31.0	2 19 41.03	− 3.98	+10 10 33.4	−15.0
56	ξ² Ceti	9	23 7.97	+ 0.04	− **4.04**	329 3 53.92	43.490	+ 5.50	− 33.8	2 23 3.96	....	+ 8 1 47.3	....
57	B. D.+14°419	9	27 43.37	+ 0.07	− 4.05	335 37 55.30	45.128	+ 5.50	− 25.5	2 27 39.39	− 4.10	+14 36 34.4	−14.0
58	ν Ceti	9	30 54.87	+ 0.02	− **4.06**	326 11 53.20	45.472	+ 5.50	− 37.7	2 30 50.84	....	+ 5 10 28.0	....
59	B. D.+18°414	9	2 59.28	+ 0.08	− 4.05	339 27 55.88	42.225	+ 5.50	− 21.1	3 2 55.31	− 4.18	+18 25 33.1	−10.1
60	B. D.+15°447	9	7 6.96	+ 0.07	− 4.05	337 9 54.75	46.900	+ 5.50	− 23.7	3 7 2.98	− 4.11	+16 9 16.2	−10.0
61	B. D.+11°456	9	10 52.12	+ 0.05	− 4.05	332 17 55.70	44.706	+ 5.50	− 29.6	3 10 48.12	− 3.97	+11 16 21.1	−10.3
62	B. D.+19°507	9	14 26.16	+ 0.09	− 4.05	340 55 55.18	47.738	+ 5.50	− 19.5	3 14 22.20	− 4.21	+19 55 40.0	− 8.7

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
20 23 4	29.745	58.6	58.5	10, 11, 14, 20. Bisections at I, II.					
23 52	29.755	57.8	57.2	34. Bisections at VI, VII.					
0 18	......	....	58.1	39, 40. Bisections at II, VII.					
0 48	29.755	57.5	57.8						
1 15	......	....	56.3	Notes.					
1 44	29.755	56.0	57.0	13–15. Images poor; unsteady.					
2 5	......	....	58.8	47. Unsteady.					
2 32	29.755	57.0	59.9						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+14°559	9	19 28.10	+ 0.06	− 4.05	335 39 54.50	43.615	+ 5.50	− 25.5	3 19 24.11	− 4.04	+14 37 59.1	− 9.0
2	ξ Tauri	9	22 2.52	+ 0.04	− **3.96**	330 25 56.08	43.480	+ 5.50	− 32.0	3 21 58.51	....	+ 9 23 51.1	....
3	f Tauri	9	25 38.97	+ 0.05	− **4.04**	333 37 54.72	44.865	+ 5.50	− 28.0	3 25 34.97	....	+12 36 25.3	....
4	B. D.+15°449	9	27 35.06	+ 0.07	− 4.05	336 13 54.42	47.120	+ 5.50	− 24.8	3 27 31.08	− 4.05	+15 13 19.8	− 8.1
5	B. D.+22°518	9	31 23.84	+ 0.10	− 4.05	343 53 55.38	47.285	+ 5.50	− 16.3	3 31 19.89	− 4.28	+22 53 33.0	− 6.4
6	B. D.+16°484	9	34 4.58	+ 0.07	− 4.05	337 13 55.00	47.305	+ 5.50	− 23.7	3 34 0.60	− 4.06	+16 13 25.7	− 7.2
7	B. D.+19°582	9	38 18.64	+ 0.08	− 4.05	340 21 55.48	47.690	+ 5.50	− 20.1	3 38 14.67	− 4.15	+19 21 38.2	− 6.2
8	B. D.+22°544	9	40 5.44	+ 0.10	− 4.05	343 25 53.80	42.245	+ 5.50	− 16.8	3 40 1.49	− 4.24	+22 23 35.4	− 5.5
9	B. D.+13°594	6	41 10.48	+ 0.06	− 4.05	334 13 54.42	45.185	+ 5.50	− 27.3	3 41 6.49	− 3.96	+13 12 33.3	− 7.1
10	B. D.+15°534	9	43 19.18	+ 0.07	− 4.05	336 13 53.92	45.135	+ 5.50	− 24.9	3 43 15.20	− 4.01	+15 12 34.0	− 6.5
11	B. D.+22°588	9	47 44.73	+ 0.10	− 4.05	343 51 55.58	43.582	+ 5.50	− 16.3	3 47 40.78	− 4.24	+22 50 8.6	− 4.6
12	B. D.+19°625	9	51 22.63	+ 0.09	− 4.05	340 47 56.12	49.145	+ 5.50	− 19.7	3 51 18.67	− 4.13	+19 48 12.8	− 4.8
13	B. D.+13°621	9	54 2.16	+ 0.06	− 4.05	334 43 54.80	43.930	+ 5.50	− 26.7	3 53 58.17	− 3.94	+13 42 5.6	− 5.7
14	B. D.+19°643	9	55 35.91	+ 0.09	− 4.05	340 55 55.38	47.982	+ 5.50	− 19.5	3 55 31.95	− 4.12	+19 55 45.7	− 4.3
15	B. D.+19°658	9	0 5.92	+ 0.09	− 4.05	340 41 56.60	47.338	+ 5.50	− 19.8	4 0 1.96	− 4.10	+19 41 31.9	− 3.9
16	B. D.+22°657	9	8 52.38	+ 0.10	− 4.05	343 13 55.25	44.482	+ 5.50	− 17.1	4 8 48.43	− 4.15	+22 12 28.0	− 2.4
17	B. D.+15°603	9	10 23.69	+ 0.07	− 4.05	336 9 55.60	47.735	+ 5.50	− 25.1	4 10 19.71	− 3.93	+15 9 34.7	− 3.8
18	B. D.+20°733	9	13 50.97	+ 0.09	− 4.05	341 55 55.45	44.758	+ 5.50	− 18.5	4 13 47.01	− 4.09	+20 54 32.8	− 2.2
19	B. D.+18°624	9	14 54.79	+ 0.08	− 4.05	339 31 56.52	45.155	+ 5.50	− 21.2	4 14 50.82	− 4.01	+18 30 40.5	− 2.6
20	B. D.+17°714	9	18 38.05	+ 0.08	− 4.05	338 13 56.00	46.710	+ 5.50	− 22.7	4 18 34.08	− 3.96	+17 13 14.1	− 2.5
21	B. D.+15°621	8	20 12.87	+ 0.07	− 4.05	336 43 55.35	46.815	+ 5.50	− 24.4	4 20 8.89	− 3.91	+15 43 14.1	− 2.7
22	B. D.+14°702	9	23 1.46	+ 0.06	− 4.05	335 31 55.32	47.812	+ 5.50	− 25.9	4 22 57.47	− 3.87	+14 31 35.4	− 2.7
23	B. D.+13°690	9	25 17.46	+ 0.06	− 4.05	334 31 54.98	46.020	+ 5.50	− 27.1	4 25 13.47	− 3.83	+13 30 52.9	− 2.7
24	B. D.+17°750 (*mean*)	9	28 3.86	+ 0.08	− 4.05	338 49 54.92	45.530	+ 5.50	− 22.0	4 27 59.89	− 3.94	+17 48 46.4	− 1.4
25	B. D.+17°751	9	29 13.33	+ 0.08	− 4.05	338 33 56.35	45.620	+ 5.50	− 22.3	4 29 9.36	− 3.94	+17 32 49.9	− 1.4
26	B. D.+25°720	9	31 36.46	+ 0.11	− 4.05	346 31 55.78	48.015	+ 5.50	− 13.6	4 31 32.52	− 4.18	+25 31 53.0	+ 0.8
27	B. D.+15°666	8	33 51.40	+ 0.07	− 4.05	336 43 54.35	47.830	+ 5.50	− 24.4	4 33 47.42	− 3.86	+15 43 36.3	− 1.3
28	B. D.+23°733	9	37 29.38	+ 0.10	− 4.05	344 55 56.28	43.990	+ 5.50	− 15.3	4 37 25.43	− 4.10	+23 54 19.6	+ 1.0
29	B. D.+27°694	9	40 38.33	+ 0.12	− 4.05	348 43 56.42	46.718	+ 5.50	− 11.3	4 40 34.40	− 4.22	+27 43 26.0	+ 2.3
30	B. D.+21°707	9	43 5.97	+ 0.09	− 4.05	342 9 56.45	44.995	+ 5.50	− 18.3	4 43 2.01	− 3.99	+21 8 39.7	+ 0.9
31	B. D.+27°701	9	46 51.56	+ 0.12	− 4.05	348 43 57.08	48.448	+ 5.50	− 11.3	4 46 47.63	− 4.19	+27 44 6.2	+ 3.0
32	B. D.+20°846	9	49 35.35	+ 0.09	− 4.05	341 9 55.18	47.110	+ 5.50	− 19.3	4 49 31.39	− 3.93	+20 9 25.8	+ 1.3
33	B. D.+18°765	9	52 48.44	+ 0.08	− 4.05	339 51 56.25	44.972	+ 5.50	− 20.8	4 52 44.47	− 3.88	+18 50 36.5	+ 1.3
34	B. D.+19°839	9	56 17.71	+ 0.09	− 4.05	340 49 55.65	47.160	+ 5.50	− 19.7	4 56 13.75	− 3.89	+19 49 27.0	+ 1.9
35	B. D.+17°832	9	59 23.41	+ 0.08	− 4.05	338 39 55.05	45.765	+ 5.50	− 22.1	4 59 19.44	− 3.81	+17 38 52.1	+ 1.6
36	B. D.+20°885	9	2 11.74	+ 0.09	− 4.05	341 17 56.48	47.032	+ 5.50	− 19.1	5 2 7.78	− 3.87	+20 17 25.5	+ 2.6
37	B. D.+15°752	9	4 16.49	+ 0.07	− 4.05	336 29 53.40	44.738	+ 5.50	− 24.6	5 4 12.51	− 3.72	+15 28 24.5	+ 1.5
38	B. D.+21°796	9	8 26.34	+ 0.09	− 4.05	342 7 55.70	44.720	+ 5.50	− 18.2	5 8 22.38	− 3.87	+21 6 32.8	+ 3.4
39	B. D.+23°888	9	11 45.16	+ 0.10	− 4.05	344 55 55.28	43.890	+ 5.50	− 15.2	5 11 41.21	− 3.94	+23 54 16.4	+ 4.5
40	B. D.+19°898	9	14 42.75	+ 0.09	− 4.05	340 29 55.62	45.188	+ 5.50	− 20.0	5 14 38.79	− 3.79	+19 28 41.6	+ 3.6
41	B. D.+16°765	9	18 9.21	+ 0.07	− 4.05	337 37 54.92	44.705	+ 5.50	− 23.2	5 18 5.23	− 3.69	+16 36 26.7	+ 3.1
42	B. D.+25°828	9	20 10.06	+ 0.11	− 4.05	346 41 56.90	43.808	+ 5.50	− 13.3	5 20 6.12	− 3.95	+25 40 17.7	+ 5.9
43	B. D.+15°824	9	22 2.86	+ 0.07	− 4.05	336 57 54.72	47.322	+ 5.50	− 24.0	5 21 58.88	− 3.65	+15 57 25.5	+ 3.3
44	B. D.+18°862	9	23 46.34	+ 0.08	− 4.05	339 17 55.58	46.540	+ 5.50	− 21.3	5 23 42.37	− 3.71	+18 17 11.2	+ 4.1
45	δ Orionis	9	27 10.42	− 0.01	− **4.08**	320 39 53.38	44.020	+ 5.50	− 46.2	5 27 6.36	....	− 0 22 13.7	....
46	α Leporis	8	28 34.22	− 0.12	− **4.03**	303 7 55.22	47.852	+ 5.50	−1 26.2	5 28 30.05	....	−17 53 23.7	....
	October 20, R.												
47	θ Canis Majoris	9	49 47.83	− 0.06	− **4.07**	309 5 52.82	48.190	+ 5.50	−1 9.7	6 49 43.67	....	−11 55 2.2	....
48	51 H. Cephei	5	55 39.92	+ 3.83	− 4.10	48 11 59.32	43.859	+ 5.50	+1 3.7	6 55 39.65	....	+87 11 38.4	....
49	51 Geminorum	9	7 55.19	+ 0.10	− 4.10	337 21 54.25	41.615	+ 5.50	− 23.7	7 7 51.19	....	+16 19 14.9	....
50	λ Ursæ Minoris s. p.	7	18 25.03	−10.77	− 4.10	51 59 58.12	44.093	+ 5.50	+1 13.0	19 18 10.16	....	+89 0 7.7	....
51	β Geminorum	9	39 29.91	+ 0.16	− **4.16**	349 15 55.75	46.555	+ 5.50	− 10.8	7 39 25.97	....	+28 15 22.4	....
52	ξ Argus	9	45 19.42	− 0.14	− 4.10	296 25 53.02	45.020	+ 5.50	−1 54.0	7 45 15.18	....	−24 36 58.7	....
53	1 Cancri	9	51 35.84	+ 0.11	− 4.10	337 3 54.30	45.598	+ 5.50	− 24.1	7 51 31.85	....	+16 2 45.6	....
54	χ Geminorum	9	57 40.53	+ 0.17	− **4.08**	349 3 55.55	47.458	+ 5.50	− 11.0	7 57 36.60	....	+28 3 42.6	....
55	3 H. Ursæ Majoris	9	3 17.47	+ 0.62	− 4.10	29 45 58.45	43.918	+ 5.50	+ 32.8	8 3 13.99	....	+68 45 7.9	....
56	20 Puppis	7	8 58.94	− 0.06	− 4.10	305 31 52.85	46.575	+ 5.50	−1 19.7	8 8 54.78	....	−15 29 48.8	....
57	31 Lyncis	9	16 18.60	+ 0.27	− 4.10	4 29 56.00	46.470	+ 5.50	+ 4.6	8 16 14.77	....	+43 29 35.8	....
58	30 Monocerotis	9	20 55.30	+ 0.01	[− **4.09**]	317 25 54.38	46.138	+ 5.50	− 52.4	8 20 51.21	....	− 3 35 30.3	....
59	δ Hydræ	9	32 37.75	+ 0.06	− 4.10	327 3 53.80	45.090	+ 5.50	− 37.0	8 32 33.71	....	+ 6 2 20.6	....
60	γ Cancri	9	37 46.88	+ 0.15	[− **4.11**]	342 49 54.30	45.345	+ 5.50	− 17.6	8 37 42.93	....	+21 48 46.3	....
61	ε Hydræ	9	41 44.77	+ 0.07	[− **4.11**]	327 47 53.50	44.972	+ 5.50	− 36.0	8 41 40.74	....	+ 6 46 18.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 3 23	29.76	57.4	59.2
3 49	29.76	56.6	58.3
4 17	.....	....	55.2
4 44	29.77	54.0	55.2
5 6	.....	....	58.9
5 31	29.77	56.3	59.7
6 42	29.81	57.0	58.0
7 34	29.84	56.7	56.4
8 24	[illegible]	55.6	55.0

Micrometer bisections are made at II, VI, except as noted below.

7, 8, 18, 24, 42, 45. Bisections at I, II.
9, 10, 13, 26, 46, 51, 54–56. Bisections at VI, VII.
28. Bisections at II, VII.
48. Bisections at b_5, b_6, b_8, b_9.
50. Bisections at b_4, b_5, b_6.

Notes.

31. Circle reading decreased 1′
47, 55. Unsteady.
47–61. Conditions poor.
52. Thin clouds.
53. Circle reading decreased 2′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Hydræ	9	50 22.35	+ 0.07	[– **4.10**]	327 19 53.58	46.022	+ 5.50	– 36.7	8 50 18.32	....	+ 6 18 42.0	....
2	10 Ursæ Majoris	9	54 26.96	+ 0.27	– 4.10	3 11 56.72	41.378	+ 5.50	+ 3.2	8 54 23.13	....	+42 9 39.0	....
3	145 B. Lyncis	9	0 27.86	+ 0.25	– 4.10	359 51 56.08	42.610	+ 5.50	– 0.1	9 0 24.01	....	+38 50 3.0	....
4	Venus S.	.	.. ..	....	....	322 57 54.58	43.860	+ 5.78	– 43.0	11 13	....	+ 1 55 47.5	....
5	Mercury C.	.	.. ..	....	....	319 11 53.75	45.439	+ 6.22	– 48.8	12 37	....	– 1 49 42.5	....
	October 21, R.												
6	Sun S.	.	.. ..	....	....	310 17 52.45	47.642	+ 6.22	–1 6.4	13 40	....	–10 43 11.6	....
7	Sun N.	.	.. ..	....	....	310 49 48.02	48.238	+ 6.22	–1 5.1	.. ..	....	–10 11 0.0	....
8	γ Cygni	9	18 50.98	+ 0.22	– 4.19	0 57 56.05	45.950	+ 5.72	+ 1.0	20 18 47.01	....	+39 57 20.8	....
9	69 Aquilæ	9	24 41.75	– 0.02	– 4.19	317 49 53.22	44.560	+ 5.71	– 51.6	20 24 37.54	– 2.68	– 3 12 6.5	–23.0
10	ε Delphini	8	28 41.45	+ 0.06	– **4.15**	331 59 53.22	46.138	+ 5.70	– 30.3	20 28 37.32	....	+10 58 51.1	....
11	13 G. Microscopii	9	34 22.38	– 0.24	– 4.19	287 17 53.78	44.455	+ 5.68	–3 0.8	20 34 17.95	– 3.06	–33 46 17.4	–12.6
12	ψ Capricorni	9	40 28.58	– 0.17	– 4.19	295 25 51.65	45.460	+ 5.67	–1 59.4	20 40 24.22	....	–25 36 55.2	....
13	μ Aquarii	9	47 32.48	– 0.05	– **4.19**	311 41 51.68	44.188	+ 5.65	–1 4.0	20 47 28.24	....	– 9 20 28.9	....
14	ρ Ursæ Majoris s. p.	9	53 55.67	– 0.43	– 4.19	72 57 58.65	44.905	+ 5.63	+3 5.3	8 53 51.05	– 2.61	+67 59 55.5	+32.2
15	θ Capricorni	9	0 37.08	– 0.10	– **4.24**	303 25 52.68	44.332	+ 5.62	–1 26.3	21 0 32.79	....	–17 36 47.0	....
16	ν Aquarii	9	4 25.92	– 0.06	– **4.24**	309 15 52.22	46.940	+ 5.61	–1 9.8	21 4 21.67	....	–11 45 31.4	....
17	ζ Cygni	9	8 55.23	+ 0.17	– **4.15**	350 51 56.25	43.695	+ 5.60	– 9.2	21 8 51.21	....	+29 50 19.0	....
18	σ Cygni	9	13 43.06	+ 0.23	– 4.19	359 59 55.70	47.415	+ 5.58	+ 0.1	21 13 39.10	....	+38 59 52.7	....
19	β Aquarii	9	26 34.44	– 0.02	– **4.18**	315 1 53.25	46.470	+ 5.55	– 57.1	21 26 30.23	....	– 5 59 28.4	....
20	72 Cygni	9	30 55.78	+ 0.22	– 4.19	359 7 56.65	43.950	+ 5.54	– 0.8	21 30 51.81	– 3.00	+38 6 33.5	–34.9
21	γ Capricorni	9	34 50.50	– 0.09	– **4.18**	303 55 54.00	47.100	+ 5.53	–1 24.9	21 34 46.22	....	–17 5 41.1	....
22	ι Piscis Australis	9	39 17.98	– 0.23	– 4.19	287 35 53.20	45.540	+ 5.52	–2 58.4	21 39 13.56	– 3.25	–33 27 51.0	–14.9
23	14 Pegasi	9	45 40.30	+ 0.17	– 4.19	350 43 56.30	47.900	+ 5.50	– 9.3	21 45 36.28	– 3.11	+29 43 54.9	–33.3
24	13 Cephei	9	51 44.75	+ 0.40	– 4.19	17 9 57.18	46.220	+ 5.48	+ 17.8	21 51 40.96	– 3.48	+56 9 44.3	–36.5
25	28 Aquarii	9	56 14.56	+ 0.02	– 4.19	321 9 52.32	46.635	+ 5.47	– 46.1	21 56 10.39	– 3.13	+ 0 8 45.3	–25.8
26	ι Aquarii	9	1 19.46	– 0.07	– **4.23**	306 41 51.55	45.870	+ 5.46	–1 16.8	22 1 15.20	....	–14 20 3.6	....
27	28 Pegasi	9	6 2.34	+ 0.13	– 4.19	341 31 55.78	44.918	+ 5.45	– 19.1	22 5 58.28	– 3.22	+20 30 36.4	–31.0
28	π Aquarii	9	20 26.83	+ 0.02	– **4.19**	321 55 54.25	43.340	+ 5.41	– 45.0	22 20 22.66	....	+ 0 53 33.0	....
29	δ Cephei	9	25 41.90	+ 0.43	– 4.19	18 55 57.10	46.112	+ 5.40	+ 19.8	22 25 38.14	– 4.12	+57 55 43.7	–35.3
30	η Aquarii	8	30 29.82	+ 0.02	– **4.19**	320 25 52.72	43.022	+ 5.39	– 47.5	22 30 25.65	....	– 0 36 38.3	....
31	30 Cephei	9	35 20.69	+ 0.52	– 4.19	24 5 56.28	45.022	+ 5.37	+ 25.8	22 35 17.02	– 4.61	+63 5 23.9	–34.9
32	λ Pegasi	9	41 59.02	+ 0.14	– **4.18**	344 3 55.35	48.002	+ 5.36	– 16.4	22 41 54.97	....	+23 3 49.1	....
33	μ Pegasi	8	45 26.85	+ 0.15	– **4.19**	345 5 56.68	48.062	+ 5.35	– 15.3	22 45 22.81	....	+24 5 53.1	....
34	94 H¹. Aquarii	9	50 16.73	– 0.01	– 4.19	315 31 54.05	45.378	+ 5.33	– 56.4	22 50 12.53	– 3.36	– 5 29 52.1	–24.1
35	52 Pegasi	9	54 28.18	+ 0.09	– 4.19	332 13 53.25	46.775	+ 5.32	– 30.3	22 54 24.08	– 3.46	+11 13 5.0	–27.9
36	β Piscium	9	59 4.03	+ 0.04	– 4.19	324 19 53.80	45.172	+ 5.31	– 41.3	22 58 59.88	– 3.43	+ 3 18 18.0	–26.1
37	59 Pegasi	9	6 57.98	+ 0.07	– 4.19	329 13 54.25	44.215	+ 5.29	– 34.3	23 6 53.86	– 3.50	+ 8 12 3.5	–26.9
	October 21, L.												
38	*S* Monocerotis	9	35 45.46	+ 0.15	– **4.27**	330 59 54.92	46.692	+ 4.95	– 32.3	6 35 41.33	....	+ 9 59 2.5	....
39	ξ Geminorum	9	39 58.08	+ 0.17	– **4.32**	333 59 54.52	48.820	+ 4.95	– 28.4	6 39 53.97	....	+12 59 54.6	....
40	24 H. Camelopardalis	9	46 7.21	+ 1.28	– 4.28	38 5 59.10	44.715	+ 4.95	+ 46.0	6 46 4.21	– 8.44	+77 5 39.6	+28.1
41	θ Canis Majoris	9	49 48.02	+ 0.02	– **4.31**	309 5 53.32	48.340	+ 4.95	–1 11.7	6 49 43.76	....	–11 55 0.8	....
42	ε Canis Majoris	9	54 55.71	– 0.12	– 4.28	292 11 54.08	47.880	+ 4.95	–2 21.9	6 54 51.31	....	–28 50 20.7	....
43	ζ Geminorum	8	58 28.63	+ 0.22	– **4.22**	341 43 58.35	44.798	+ 4.95	– 19.2	6 58 24.57	....	+20 42 35.9	....
44	δ Canis Majoris	9	4 33.69	– 0.10	– 4.28	294 47 54.50	47.297	+ 4.95	–2 5.6	7 4 29.31	....	–26 14 17.4	....
45	25 H. Camelopardalis	9	10 55.34	+ 2.12	– 4.28	43 35 58.62	43.835	+ 4.95	+ 55.8	7 10 53.18	....	+82 35 28.7	....
46	τ Draconis s. p.	9	17 29.17	– 0.68	– 4.28	67 47 58.80	43.781	+ 4.95	+2 22.9	19 17 24.21	....	+73 11 4.6	....
47	ρ Geminorum	7	22 59.70	+ 0.29	– 4.28	352 59 56.32	43.802	+ 4.95	– 7.1	7 22 55.71	....	+31 58 22.9	....
48	*f* Puppis	9	33 53.34	– 0.18	– 4.28	286 19 53.88	43.392	+ 4.95	–3 16.6	7 33 48.88	– 2.15	–34 44 58.1	– 2.1
49	κ Geminorum	9	38 42.63	+ 0.24	– **4.28**	345 37 57.75	47.332	+ 4.95	– 14.9	7 38 38.59	....	+24 37 37.3	....
50	ξ Argus	9	45 19.67	– 0.08	– 4.28	296 25 54.58	45.148	+ 4.95	–1 56.9	7 45 15.31	....	–24 36 57.9	....
51	ε Draconis s. p.	5	48 35.46	– 0.53	– 4.28	70 56 0.48	45.895	+ 4.95	+2 48.5	19 48 30.65	....	+70 1 49.0	....
52	χ Geminorum	9	57 40.68	+ 0.26	– **4.29**	349 3 56.48	47.498	+ 4.95	– 11.2	7 57 36.66	....	+28 3 43.5	....
53	3 H. Ursæ Majoris	9	3 17.60	+ 0.81	– 4.28	29 46 0.82	43.765	+ 4.95	+ 33.6	8 3 14.13	....	+68 45 7.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 9 4	29.88	54.7	53.8
11 16	29.95	58.3	57.8
12 37	29.95	62.0	61.3
21 13 42	29.95	63.3	63.0
20 17	29.98	59.4	58.2
20 44	....	....	57.3
21 24	29.99	56.7	56.2
21 49	....	....	55.1
22 17	30.00	55.6	54.9
22 41	....	....	54.0
23 9	30.01	54.1	53.8
6 36	30.045	48.9	47.6
7 23	....	....	47.1
7 34	30.045	48.6	47.1
7 58	....	....	47.3

Micrometer bisections are made at II, VI, except as noted below.

2, 7, 10, 14, 33, 43.	Bisections at VI, VII.
4, 5, 42, 48.	Bisections at I, II, VI, VII.
6, 50.	Bisections at I, II.
8.	Bisection at VI.
40, 45.	Bisections at III, V.
44.	Bisections at I, II, VI.
46.	Bisections at II, III, V, VI.
51.	Bisections at I, III, VI.

Note.

41, 42, 44, 47, 51. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 12.9	+ 21.0	...	+ 33.9
5	+ 5.5	.. ....	+ 0.5	+ 6.0
6	+ 6.7	+16 5.8	...	+16 12.5
7	+ 6.7	–16 5.8	...	–15 59.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	″	h m s	s	° ′ ″	″
1	20 Puppis	9	8 59.13	− 0.01	− 4.28	305 31 54.72	46.660	+ 4.95	−1 21.6	8 8 54.84	....	−15 29 47.7	....
2	58 Camelopardalis	9	12 43.24	+ 0.56	− 4.28	19 3 59.45	42.235	+ 4.95	+ 20.3	8 12 39.52	− 3.30	+58 2 17.8	+28.8
3	31 Lyncis	9	16 18.64	+ 0.38	− 4.28	4 29 57.45	46.392	+ 4.95	+ 4.7	8 16 14.74	....	+43 29 35.0	....
4	30 Monocerotis	9	20 55.42	+ 0.07	[− **4.24**]	317 25 55.40	46.195	+ 4.95	− 53.6	8 20 51.21	....	− 3 35 29.7	....
5	110 B. Lyncis	9	26 43.44	+ 0.34	− 4.28	359 21 57.50	44.035	+ 4.95	− 0.6	8 26 39.50	....	+38 20 35.9	....
6	δ Hydræ	9	32 37.82	+ 0.13	− 4.28	327 3 56.62	45.065	+ 4.95	− 37.8	8 32 33.67	....	+ 6 2 21.5	....
7	γ Cancri	9	37 46.93	+ 0.22	[− **4.20**]	342 49 54.92	45.412	+ 4.95	− 18.0	8 37 42.87	....	+21 48 47.5	....
8	ε Hydræ	8	41 44.88	+ 0.13	[− **4.25**]	327 47 54.40	45.028	+ 4.95	− 36.8	8 41 40.73	....	+ 6 46 19.4	....
9	γ Pyxidis	9	46 31.34	− 0.11	− 4.28	293 41 55.62	45.598	+ 4.95	−2 12.2	8 46 26.95	− 2.00	−27 21 1.9	+ 2.5
10	ζ Hydræ	9	50 22.54	+ 0.13	[− **4.32**]	327 19 54.30	46.088	+ 4.95	− 37.4	8 50 18.39	....	+ 6 18 42.9	....
11	α Cancri	9	53 17.38	+ 0.17	[− **4.24**]	333 15 56.90	43.192	+ 4.95	− 29.4	8 53 13.27	....	+12 13 47.4	....
12	κ Ursæ Majoris	9	57 6.71	+ 0.42	− 4.28	8 33 59.55	41.995	+ 4.95	+ 8.9	8 57 2.85	....	+47 32 0.8	....
13	σ² Ursæ Majoris	9	1 57.94	+ 0.77	− 4.28	28 31 59.10	44.148	+ 4.95	+ 31.9	9 1 54.43	....	+67 31 12.3	....
14	θ Hydræ	9	9 25.46	+ 0.11	[− **4.26**]	323 43 56.72	47.630	+ 4.95	− 42.8	9 9 21.29	....	+ 2 43 15.2	....
15	40 Lyncis	9	15 15.05	+ 0.31	− 4.28	355 49 56.50	42.230	+ 4.95	− 4.2	9 15 11.08	....	+34 47 50.1	....
16	α Hydræ	9	22 55.49	+ 0.04	[− **4.22**]	312 47 55.10	44.255	+ 4.95	−1 3.0	9 22 51.25	....	− 8 14 23.6	....
17	Venus S	.	.. ..	....	....	322 57 56.20	44.314	+ 5.43	− 43.5	11 15	....	+ 1 55 58.7	....
18	Mercury C	.	.. ..	....	....	318 43 55.62	45.205	+ 5.86	− 49.9	12 42	....	− 2 17 47.5	....
	October 22, L.												
19	Sun N	.	.. ..	....	....	310 29 54.58	44.283	+ 5.86	−1 6.2	13 44	....	−10 32 26.3	....
20	Sun S	.	.. ..	....	....	309 57 55.02	43.835	+ 5.86	−1 7.5	.. ..	....	−11 4 36.5	....
21	296 G. Sagittarii	9	19 37.99	− 0.20	− 4.24	292 3 53.42	47.398	+ 6.09	−2 18.3	20 19 33.55	− 2.92	−28 58 27.6	−13.7
22	42 Cygni	9	25 44.73	+ 0.19	− 4.24	357 9 56.32	43.728	+ 6.08	− 2.8	20 25 40.68	− 2.29	+36 8 26.7	−34.0
23	ζ Delphini	9	30 53.16	+ 0.07	− 4.24	335 21 54.82	45.930	+ 6.07	− 25.9	20 30 48.99	− 2.55	+14 20 52.5	−28.7
24	α Delphini	9	35 14.72	+ 0.08	− **4.23**	336 35 54.12	45.432	+ 6.06	− 24.5	20 35 10.56	....	+15 34 41.8	....
25	δ Delphini	9	39 2.62	+ 0.08	− 4.24	335 45 55.65	43.835	+ 6.06	− 25.5	20 38 58.46	− 2.60	+14 44 5.8	−29.1
26	ε Aquarii	9	42 32.71	− 0.06	− **4.25**	311 11 51.72	43.610	+ 6.05	−1 4.6	20 42 28.41	....	− 9 50 42.3	....
27	ω Capricorni	9	46 9.53	− 0.19	− 4.24	293 45 52.20	46.452	+ 6.04	−2 7.7	20 46 5.10	− 3.00	−27 16 40.0	−15.3
28	19 Capricorni	9	49 26.38	− 0.12	− 4.24	302 45 52.00	43.495	+ 6.04	−1 27.7	20 49 22.02	− 2.92	−18 17 7.8	−18.6
29	ν Cygni	9	53 40.02	+ 0.22	− 4.24	1 47 56.55	48.182	+ 6.03	+ 1.9	20 53 36.00	....	+40 48 13.0	....
30	η Capricorni	9	59 0.54	− 0.14	− 4.24	300 47 52.28	46.708	+ 6.02	−1 34.7	20 58 56.16	− 2.97	−20 14 1.1	−18.2
31	ν Aquarii	9	4 25.97	− 0.07	− **4.29**	309 15 52.32	46.938	+ 6.01	−1 9.2	21 4 21.66	....	−11 45 30.3	....
32	ζ Cygni	9	8 55.29	+ 0.15	− **4.21**	350 51 55.82	43.718	+ 6.01	− 9.1	21 8 51.20	....	+29 50 19.6	....
33	υ Cygni	9	14 2.58	+ 0.18	− 4.24	355 29 55.05	47.848	+ 6.00	− 4.4	21 13 58.52	− 2.80	+34 29 57.6	−34.4
34	B. A. C. 7504	7	19 5.71	+ 3.56	− 4.24	47 37 59.20	46.985	+ 5.99	+1 2.4	21 19 5.03	....	+86 38 49.1	....
35	358 B. Cygni	9	28 18.89	+ 0.32	− 4.24	13 11 57.12	47.425	+ 5.97	+ 13.4	21 28 14.97	− 3.02	+52 12 8.0	−36.9
36	89 B. Ursæ Majoris s. P.	9	34 3.52	− 0.46	− 4.24	71 17 59.65	44.954	+ 5.96	+2 47.0	9 33 58.82	− 1.52	+69 40 11.6	+32.5
37	ε Pegasi	9	39 32.58	+ 0.04	− **4.26**	330 27 54.95	44.700	+ 5.96	− 32.1	21 39 28.38	....	+ 9 26 18.2	....
38	π² Cygni	9	43 19.73	+ 0.29	− 4.24	9 51 56.88	47.965	+ 5.95	+ 10.0	21 43 15.78	....	+48 52 16.7	....
39	μ Capricorni	9	48 8.02	− 0.09	− **4.27**	307 1 51.10	45.582	+ 5.94	−1 15.1	21 48 3.69	....	−14 0 8.5	....
40	134 G. Capricorni	9	53 26.87	− 0.15	− 4.24	299 23 51.30	45.945	+ 5.93	−1 40.4	21 53 22.48	− 3.17	−21 38 25.5	−19.0
41	16 Cephei	9	57 59.86	+ 0.73	− 4.24	33 43 57.88	45.252	+ 5.92	+ 38.1	21 57 56.35	− 4.47	+72 43 43.8	−36.8
42	μ Piscis Australis	9	2 51.34	− 0.25	− 4.24	287 35 53.35	46.489	+ 5.92	−2 56.7	22 2 46.85	− 3.28	−33 27 27.0	−15.5
43	λ Cephei	9	8 20.57	+ 0.42	− 4.24	19 57 57.22	43.528	+ 5.91	+ 20.7	22 8 16.75	− 3.84	+58 56 46.1	−36.3
44	θ Aquarii	9	11 50.41	− 0.05	− **4.19**	312 45 53.00	46.388	+ 5.90	−1 1.3	22 11 46.12	....	− 8 15 34.4	....
45	ρ Aquarii	9	15 13.27	− 0.05	− 4.24	312 43 53.38	45.025	+ 5.90	−1 1.4	22 15 8.98	− 3.21	− 8 18 5.3	−23.4
46	3 Lacertæ	9	19 52.41	+ 0.32	− 4.24	12 45 57.18	44.970	+ 5.89	+ 13.0	22 19 48.49	....	+51 45 11.4	....
47	σ Aquarii	9	25 38.46	− 0.07	− **4.22**	309 51 53.15	45.332	+ 5.88	−1 8.0	22 25 34.15	....	−11 10 5.1	....
48	η Aquarii	9	30 29.90	− 0.01	− **4.25**	320 25 52.80	42.988	+ 5.87	− 46.9	22 30 25.65	....	− 0 36 38.0	....
49	30 Cephei	9	35 20.75	+ 0.48	− 4.24	24 5 57.02	45.030	+ 5.86	+ 25.5	22 35 16.99	− 4.58	+63 5 24.6	−35.2
50	13 Lacertæ	9	39 53.58	+ 0.23	− 4.24	2 19 56.02	45.450	+ 5.85	+ 2.4	22 39 49.57	− 3.75	+41 19 10.7	−33.6
51	μ Pegasi	9	45 26.88	+ 0.12	− **4.20**	345 5 56.30	48.115	+ 5.84	− 15.1	22 45 22.76	....	+24 5 54.4	....
52	94 H¹. Aquarii	9	50 16.79	− 0.04	− 4.24	315 31 53.02	45.375	+ 5.84	− 55.7	22 50 12.51	− 3.34	− 5 29 52.0	−24.0
53	52 Pegasi	9	54 28.33	+ 0.06	− 4.24	332 13 53.75	46.742	+ 5.83	− 29.9	22 54 24.15	− 3.45	+11 13 5.7	−28.0
	October 22, Ei.-Y.												
54	ω Piscium	8	54 27.52	+ 0.05	− **4.08**	327 21 54.75	44.078	+ 5.71	− 36.4	23 54 23.51	....	+ 6 19 59.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 8 21	30.05	48.2	47.2
8 42	......	....	47.1
9 2	......	....	47.0
9 23	30.06	48.7	47.3
11 15	30.07	54.9	54.0
12 42	30.05	60.2	59.7
22 13 46	30.03	62.2	62.1
20 20	29.875	61.3	60.5
20 39	......	....	59.8
21 4	......	....	59.0
21 28	29.85	59.3	58.1
21 53	......	....	57.7
22 30	......	....	57.3
22 54	29.835	58.0	57.1
23 52	29.83	57.7	57.0

Micrometer bisections are made at II, VI, except as noted below.

2. Bisections at IV, V.
9, 29, 33, 40, 49. Bisections at I, II.
16. Bisections at II, VI, VII.
17, 18, 21, 36, 42. Bisections at I, II, VI, VII.
19. Bisections at I, II, III.
20. Bisections at V, VI, VII.
27. Bisections at I, II, VI.
34. Bisections at b_3, b_5, b_7.
41. Bisections at III, V.
43. Bisections at II, III.
54. Bisections at VI, VII.

Notes.

1. Faint.
5. Observed head south.
24. Circle reading decreased 2′.
54. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
17	+ 12.7	+ 20.6	...	+ 33.3
18	+ 5.4	.. ....	+ 0.4	+ 5.8
19	+ 6.7	−16 5.1	...	−15 58.4
20	+ 6.7	+16 5.1	...	+16 11.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	2 Ceti	9	58 53.96	− 0.10	**− 4.09**	303 9 52.12	45.850	+ 5.70	−1 26.7	23 58 49.80	....	−17 52 13.4	....
2	B. D.− 0°4619	9	1 17.58	+ 0.01	− 4.06	320 35 52.90	47.992	+ 5.69	− 46.6	0 1 13.53	− 3.61	− 0 24 43.4	−23.4
3	B. D.− 0°6	9	4 1.78	+ 0.02	− 4.06	321 9 52.72	48.610	+ 5.69	− 45.7	0 3 57.74	− 3.62	+ 0 9 31.4	−23.4
4	B. D.− 4°12	9	9 10.96	− 0.01	− 4.06	316 33 53.72	48.902	+ 5.67	− 53.7	0 9 6.89	− 3.59	− 4 26 29.1	−22.4
5	B. D.+ 8°24 (*fol.*)	9	12 32.43	+ 0.06	− 4.06	329 21 54.12	45.480	+ 5.66	− 33.6	0 12 28.43	− 3.75	+ 8 20 33.1	−24.2
6	B. D.− 0°42	9	14 26.22	+ 0.01	− 4.06	320 59 53.08	48.020	+ 5.66	− 46.0	0 14 22.17	− 3.65	− 0 0 42.3	−22.9
7	*d* Piscium	9	15 44.12	+ 0.06	− 4.06	328 39 54.38	47.988	+ 5.66	− 34.6	0 15 40.12	− 3.75	+ 7 39 30.2	−23.9
8	B. D.+ 1°52	9	18 47.47	+ 0.03	− 4.06	323 13 55.72	46.215	+ 5.65	− 42.4	0 18 43.44	− 3.69	+ 2 12 43.0	−23.0
9	B. D.+ 6°43	9	20 49.64	+ 0.05	− 4.06	328 9 53.08	48.580	+ 5.64	− 35.2	0 20 45.63	− 3.76	+ 7 9 41.5	−23.6
10	B. D.+ 8°51	9	21 59.93	+ 0.06	− 4.06	329 47 55.05	47.408	+ 5.64	− 33.0	0 21 55.93	− 3.79	+ 8 47 19.2	−23.7
11	B. D.+ 4°63	9	25 17.14	+ 0.04	− 4.06	325 19 53.98	48.990	+ 5.63	− 39.3	0 25 13.12	− 3.73	+ 4 19 47.7	−23.0
12	B. D.+ 0°77	9	29 33.37	+ 0.02	− 4.06	321 29 54.85	45.632	+ 5.62	− 45.2	0 29 29.33	− 3.69	+ 0 28 26.0	−22.2
13	B. D.+10°65	9	32 23.46	+ 0.07	− 4.06	331 55 55.08	45.315	+ 5.61	− 30.3	0 32 19.47	− 3.86	+10 54 33.8	−23.3
14	B. D.− 5°101	9	35 53.83	− 0.01	− 4.06	316 7 54.68	48.370	+ 5.60	− 54.6	0 35 49.76	− 3.64	− 4 52 41.1	−21.2
15	B. D.− 1°94	9	40 54.77	0.00	− 4.06	319 17 56.80	48.320	+ 5.59	− 48.8	0 40 50.71	− 3.68	− 1 42 34.5	−21.4
16	B. D.+ 5°104	9	42 30.43	+ 0.05	− 4.06	327 13 55.85	46.900	+ 5.59	− 36.6	0 42 26.42	− 3.80	+ 6 13 4.2	−22.2
17	δ Piscium	8	43 46.78	+ 0.05	**− 4.06**	328 3 55.02	48.822	+ 5.58	− 35.4	0 43 42.77	....	+ 7 3 48.8	....
18	B. D.+ 3°115	9	47 3.79	+ 0.03	− 4.06	324 33 56.82	45.088	+ 5.57	− 40.4	0 46 59.76	− 3.77	+ 3 32 20.2	−21.7
19	B. D.+12°108	9	50 3.83	+ 0.08	− 4.06	333 19 55.25	48.155	+ 5.56	− 28.5	0 49 59.85	− 3.93	+12 19 40.6	−22.3
20	B. D.+12°119	9	52 57.04	+ 0.09	− 4.06	334 11 55.80	45.455	+ 5.56	− 27.5	0 52 53.07	− 3.96	+13 10 40.5	−22.1
21	B. D.− 2°140	9	55 51.13	0.00	− 4.06	318 49 55.40	48.580	+ 5.55	− 49.7	0 55 47.07	− 3.70	− 2 10 30.7	−20.6
22	B. D.+12°126	9	58 8.42	+ 0.08	− 4.06	333 33 56.25	43.825	+ 5.54	− 28.3	0 58 4.44	− 3.96	+12 32 2.8	−21.7
23	B. D.+14°169	9	0 56.70	+ 0.10	− 4.06	335 53 56.78	44.235	+ 5.54	− 25.4	1 0 52.74	− 4.01	+14 52 15.6	−21.6
24	B. D.+15°164	9	2 51.89	+ 0.10	− 4.06	336 21 56.82	46.468	+ 5.53	− 24.8	1 2 47.93	− 4.03	+15 21 7.3	−21.5
25	B. D.+13°175	9	6 16.35	+ 0.09	− 4.06	335 11 55.12	46.115	+ 5.52	− 26.2	1 6 12.38	− 4.01	+14 10 56.1	−21.2
26	ζ¹ Piscium	9	8 47.66	+ 0.05	**− 4.06**	328 5 55.55	44.330	+ 5.52	− 35.4	1 8 43.65	....	+ 7 4 6.4	....
27	B. D.+ 0°210	9	10 44.58	+ 0.02	− 4.06	321 25 55.85	45.240	+ 5.51	− 45.3	1 10 40.54	− 3.76	+ 0 24 17.8	−20.0
28	*f* Piscium	9	12 55.58	+ 0.03	− 4.06	324 7 57.78	45.695	+ 5.51	− 41.0	1 12 51.55	....	+ 3 6 34.4	....
29	B. D.+ 9°158	9	17 46.02	+ 0.07	− 4.06	330 53 54.08	44.490	+ 5.49	− 31.6	1 17 42.03	− 3.94	+ 9 52 12.5	−20.1
30	B. D.+ 2°207	9	20 47.98	+ 0.03	− 4.06	323 29 55.80	45.302	+ 5.48	− 42.0	1 20 43.95	− 3.81	+ 2 28 22.4	−19.5
31	B. D.+ 8°238	9	24 13.12	+ 0.06	− 4.06	330 11 54.45	46.370	+ 5.47	− 32.5	1 24 9.12	− 3.94	+ 9 10 55.0	−19.6
32	B. D.+16°167	9	26 57.47	+ 0.10	− 4.06	337 27 55.60	47.495	+ 5.47	− 23.5	1 26 53.51	− 4.11	+16 27 30.8	−19.5
33	B. D.+ 9°189	9	30 33.83	+ 0.07	− 4.06	331 5 56.62	44.472	+ 5.46	− 31.4	1 30 29.84	− 3.97	+10 4 14.8	−19.1
34	B. D.+ 4°282	9	32 6.33	+ 0.04	− 4.06	326 9 55.95	45.700	+ 5.45	− 38.1	1 32 2.31	− 3.87	+ 5 8 35.5	−18.9
35	B. D.+ 6°259	8	36 12.54	+ 0.05	− 4.06	328 7 55.32	44.855	+ 5.44	− 35.3	1 36 8.53	− 3.91	+ 7 6 18.4	−18.6
36	B. D.+ 2°255	9	38 58.46	+ 0.03	− 4.06	324 7 56.50	45.430	+ 5.44	− 41.1	1 38 54.43	− 3.84	+ 3 6 26.9	−18.3
37	B. D.+16°204	9	43 13.57	+ 0.10	− 4.06	337 33 55.52	45.050	+ 5.42	− 23.5	1 43 9.61	− 4.14	+16 32 34.8	−18.1
38	B. D.+ 8°284	9	46 32.78	+ 0.06	− 4.06	329 49 55.70	48.185	+ 5.42	− 33.0	1 46 28.78	− 3.96	+ 8 49 37.1	−17.8
39	B. D.+10°257	9	49 22.40	+ 0.07	− 4.06	331 57 56.80	43.255	+ 5.41	− 30.3	1 49 18.41	− 4.01	+10 55 48.2	−17.6
40	B. D.+ 5°274	9	55 1.40	+ 0.04	− 4.06	326 35 55.15	44.670	+ 5.39	− 37.5	1 54 57.38	− 3.90	+ 5 34 11.7	−17.2
41	B. D.+12°271	9	57 29.82	+ 0.08	− 4.06	334 1 56.98	45.805	+ 5.39	− 27.7	1 57 25.84	− 4.07	+13 0 49.3	−16.9
42	B. D.+ 7°324	9	1 12.83	+ 0.06	− 4.06	328 47 54.65	47.688	+ 5.38	− 34.4	2 1 8.83	− 3.95	+ 7 47 23.3	−16.7
43	B. D.+ 8°330	9	3 18.91	+ 0.06	− 4.06	329 25 56.48	43.048	+ 5.37	− 33.6	2 3 14.91	− 3.96	+ 8 23 39.9	−16.5
44	B. D.+ 7°347	9	6 21.74	+ 0.06	− 4.06	329 7 55.85	47.202	+ 5.36	− 33.9	2 6 17.74	− 3.96	+ 8 7 13.8	−16.2
45	B. D.+15°322	9	10 46.14	+ 0.10	− 4.06	336 23 56.90	44.632	+ 5.35	− 24.8	2 10 42.18	− 4.14	+15 22 25.3	−15.6
46	B. D.+21°321	9	13 15.61	+ 0.13	− 4.06	342 27 56.40	46.582	+ 5.34	− 17.9	2 13 11.68	− 4.31	+21 27 16.2	−15.0
47	B. D.+19°346	9	15 16.29	+ 0.12	− 4.06	340 41 57.38	45.958	+ 5.34	− 19.9	2 15 12.35	− 4.26	+19 41 0.9	−15.0
48	B. D.+16°281	9	17 20.76	+ 0.10	− 4.06	337 27 56.55	43.310	+ 5.33	− 23.6	2 17 16.80	− 4.17	+16 25 55.9	−14.9
49	ξ Arietis	9	19 45.02	+ 0.07	− 4.06	331 11 55.40	45.315	+ 5.33	− 31.2	2 19 41.03	− 4.00	+10 10 33.0	−15.0
50	ξ² Ceti	9	23 8.06	+ 0.06	**− 4.13**	329 3 54.68	43.450	+ 5.32	− 34.1	2 23 4.06	....	+ 8 1 46.7	....
51	ν Ceti	9	30 54.84	+ 0.04	**− 4.03**	326 11 54.88	45.372	+ 5.30	− 38.0	2 30 50.82	....	+ 5 10 26.9	....
52	B. D.+19°523	9	18 35.12	+ 0.12	− 4.06	340 35 56.45	42.975	+ 5.25	− 20.0	3 18 31.18	− 4.23	+19 33 51.3	− 8.4
53	B. D.+13°545	9	20 9.19	+ 0.10	− 4.06	334 45 59.35	45.828	+ 5.25	− 26.7	3 20 5.23	− 4.05	+13 44 53.0	− 9.0
54	ξ Tauri	9	22 2.66	+ 0.07	**− 4.10**	330 25 56.15	43.500	+ 5.25	− 32.2	3 21 58.67	....	+ 9 23 51.1	....
55	*f* Tauri	9	25 38.92	+ 0.09	**− 3.99**	333 37 55.45	44.840	+ 5.25	− 28.1	3 25 34.95	....	+12 36 25.2	....
56	B. D.+15°449	9	27 35.11	+ 0.10	− 4.06	336 13 56.88	47.010	+ 5.25	− 25.0	3 27 31.15	− 4.08	+15 13 19.3	− 8.1
57	B. D.+22°518	9	31 23.86	+ 0.14	− 4.06	343 53 55.72	47.255	+ 5.25	− 16.4	3 31 19.94	− 4.32	+22 53 32.3	− 6.4
58	B. D.+16°484	8	34 4.63	+ 0.11	− 4.06	337 13 56.85	47.170	+ 5.25	− 23.8	3 34 0.68	− 4.10	+16 13 24.1	− 7.2
59	B. D.+19°582	9	38 18.72	+ 0.12	− 4.06	340 21 57.05	47.615	+ 5.25	− 20.2	3 38 14.78	− 4.18	+19 21 38.1	− 6.3
60	B. D.+22°544	9	40 5.47	+ 0.14	− 4.06	343 25 56.60	42.090	+ 5.25	− 16.9	3 40 1.55	− 4.28	+22 23 34.6	− 5.6
61	B. D.+13°594	9	41 10.50	+ 0.09	− 4.06	334 13 56.00	45.115	+ 5.25	− 27:4	3 41 6.53	− 4.00	+13 12 32.7	− 7.1
62	B. D.+15°534	9	43 19.26	+ 0.10	− 4.06	336 13 58.18	44.940	+ 5.25	− 25.0	3 43 15.30	− 4.05	+15 12 33.3	− 6.5
63	B. D.+22°588	9	47 44.81	+ 0.14	− 4.06	343 51 56.62	43.512	+ 5.25	− 16.4	3 47 40.89	− 4.28	+22 50 7.6	− 4.7
64	B. D.+19°625	9	51 22.61	+ 0.12	− 4.06	340 47 57.32	49.095	+ 5.25	− 19.7	3 51 18.67	− 4.17	+19 48 12.6	− 4.8

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
22 0 18	......	....	56.7	1, 26.	Bisection at II.					
0 48	29.80	57.0	56.2	4, 5, 6, 15, 16, 52.	Bisections at I, II.					
1 15	......	....	56.6	7, 10.	Bisections at VI, VII.					
1 41	29.79	57.0	56.3	49.	Bisections at II, VII.					
2 5	......	....	56.0							
2 32	29.77	56.6	56.0							
3 16	29.75	56.6	56.0	Note.						
3 49	29.745	56.6	56.1	2. Very faint.						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+13°621	9	54 2.26	+ 0.10	− 4.06	334 43 57.10	43.815	+ 5.25	− 26.8	3 53 58.30	− 3.98	+13 42 4.7	− 5.7
2	B. D.+19°643	9	55 35.96	+ 0.12	− 4.06	340 55 56.60	47.912	+ 5.25	− 19.6	3 55 32.02	− 4.16	+19 55 45.0	− 4.4
3	B. D.+19°658	9	0 5.89	+ 0.12	− 4.06	340 41 56.40	47.315	+ 5.25	− 19.8	4 0 1.95	− 4.14	+19 41 30.9	− 4.0
4	B. D.+14°657	9	2 20.44	+ 0.10	− 4.06	335 55 56.22	44.370	+ 5.25	− 25.3	4 2 16.48	− 3.99	+14 54 18.0	− 4.6
5	B. D.+13°648	9	3 44.46	+ 0.09	− 4.06	334 9 55.48	45.220	+ 5.25	− 27.5	4 3 40.49	− 3.94	+13 8 34.7	− 4.8
6	B. D.+20°733	9	13 51.06	+ 0.13	− 4.06	341 55 56.95	44.635	+ 5.25	− 18.5	4 13 47.13	− 4.14	+20 54 31.6	− 2.2
7	B. D.+17°714	9	18 38.14	+ 0.11	− 4.06	338 13 56.55	46.645	+ 5.25	− 22.6	4 18 34.19	− 4.01	+17 13 13.0	− 2.5
8	B. D.+15°621	9	20 12.98	+ 0.10	− 4.06	336 43 56.15	46.752	+ 5.25	− 24.4	4 20 9.02	− 3.96	+15 43 13.2	− 2.6
9	B. D.+14°702	9	23 1.47	+ 0.10	− 4.06	335 31 54.62	47.802	+ 5.25	− 25.8	4 22 57.51	− 3.91	+14 31 34.3	− 2.6
10	B. D.+13°690	9	25 17.54	+ 0.09	− 4.06	334 31 55.95	45.942	+ 5.25	− 27.0	4 25 13.57	− 3.88	+13 30 51.9	− 2.6
11	B. D.+17°750 (*mean*)	9	28 3.91	+ 0.12	− 4.06	338 49 56.20	45.422	+ 5.25	− 21.9	4 27 59.97	− 3.99	+17 48 45.1	− 1.4
12	B. D.+17°751	9	29 13.37	+ 0.11	− 4.06	338 33 55.92	45.610	+ 5.25	− 22.2	4 29 9.42	− 3.98	+17 32 49.1	− 1.4
13	B. D.+25°720	8	31 36.52	+ 0.15	− 4.06	346 31 57.15	47.915	+ 5.25	− 13.5	4 31 32.61	− 4.23	+25 31 51.9	+ 0.7
14	B. D.+19°839	9	56 17.72	+ 0.12	− 4.06	340 49 56.15	47.105	+ 5.25	− 19.7	4 56 13.78	− 3.94	+19 49 26.2	+ 1.9
15	B. D.+17°832	9	59 23.47	+ 0.12	− 4.06	338 39 55.68	45.702	+ 5.25	− 22.1	4 59 19.53	− 3.86	+17 38 51.1	+ 1.6
16	B. D.+20°885	9	2 11.79	+ 0.13	− 4.06	341 17 55.98	47.048	+ 5.25	− 19.2	5 2 7.86	− 3.92	+20 17 25.0	+ 2.6
17	B. D.+15°752	9	4 16.50	+ 0.10	− 4.06	336 29 56.38	44.585	+ 5.25	− 24.6	5 4 12.54	− 3.78	+15 28 23.7	+ 1.6
18	B. D.+21°796	7	8 26.38	+ 0.13	− 4.06	342 7 55.55	44.722	+ 5.25	− 18.3	5 8 22.45	− 3.92	+21 6 32.3	+ 3.5
19	B. D.+23°888	9	11 45.27	+ 0.14	− 4.06	344 55 55.72	43.832	+ 5.25	− 15.2	5 11 41.35	− 3.99	+23 54 15.3	+ 4.6
20	B. D.+19°898	9	14 42.78	+ 0.12	− 4.06	340 29 55.52	45.160	+ 5.25	− 20.1	5 14 38.84	− 3.84	+19 28 40.5	+ 3.6
21	B. D.+16°765	9	18 9.29	+ 0.11	− 4.06	337 37 55.72	44.670	+ 5.25	− 23.3	5 18 5.34	− 3.74	+16 36 26.0	+ 3.2
22	B. D.+25°828	9	20 10.08	+ 0.15	− 4.06	346 41 57.12	43.800	+ 5.25	− 13.4	5 20 6.17	− 4.00	+25 40 17.4	+ 5.9
23	B. D.+15°824	9	22 2.96	+ 0.11	− 4.06	336 57 57.08	47.180	+ 5.25	− 24.1	5 21 59.01	− 3.71	+15 57 24.2	+ 3.4
24	B. D.+18°862	9	23 46.38	+ 0.12	− 4.06	339 17 59.28	46.340	+ 5.25	− 21.4	5 23 42.44	− 3.76	+18 17 9.9	+ 4.2
25	δ Orionis	9	27 10.46	+ 0.02	− **4.10**	320 39 53.72	43.965	+ 5.25	− 46.4	5 27 6.42	....	− 0 22 14.8	....
26	α Leporis	9	28 34.19	− 0.08	− **3.99**	303 7 53.80	47.885	+ 5.25	−1 26.6	5 28 30.05	....	−17 53 25.0	....
	October 24, R.												
27	Sun N	.	.. ..	....	....	309 47 54.48	43.610	+ 4.57	−1 9.6	13 52	....	−11 14 46.5	....
28	Sun S	.	.. ..	....	....	309 15 53.80	43.125	+ 4.57	−1 11.0	.. ..	....	−11 46 58.7	....
	October 25, L.												
29	δ Canis Majoris	9	4 33.92	− 0.03	− 4.37	294 47 55.85	47.248	+ 2.71	−2 4.9	7 4 29.52	....	−26 14 18.6	....
30	25 H. Camelopardalis	8	10 56.05	+ 2.29	− 4.37	43 36 2.10	43.805	+ 2.73	+ 55.4	7 10 53.97	....	+82 35 29.1	....
31	66 Aurigæ	9	17 33.18	+ 0.45	− 4.37	1 51 58.52	45.650	+ 2.76	+ 2.0	7 17 29.26	....	+40 51 14.2	....
32	ρ Geminorum	8	22 59.86	+ 0.37	− 4.37	352 59 58.50	43.800	+ 2.78	− 7.1	7 22 55.86	....	+31 58 22.9	....
33	108 G. Puppis	9	30 0.99	0.00	− 4.37	298 57 55.58	44.046	+ 2.81	−1 44.2	7 29 56.62	− 2.49	−22 5 11.3	+ 1.2
34	24 Lyncis	9	34 56.21	+ 0.68	− 4.37	19 57 59.10	41.075	+ 2.83	+ 21.1	7 34 52.52	....	+58 55 49.3	....
35	κ Geminorum	9	38 42.77	+ 0.32	− **4.37**	345 37 59.42	47.305	+ 2.84	− 14.8	7 38 38.72	....	+24 37 36.3	....
36	166 B. Camelopardalis	8	48 44.62	+ 1.18	− 4.37	35 12 0.50	40.982	+ 2.88	+ 40.9	7 48 41.43	....	+74 10 8.6	....
37	53 Camelopardalis	9	53 33.28	+ 0.71	− 4.37	21 36 1.22	43.785	+ 2.90	+ 23.0	7 53 29.62	....	+60 34 55.5	....
38	χ Geminorum	9	57 40.82	+ 0.34	− **4.37**	349 3 59.92	47.405	+ 2.92	− 11.1	7 57 36.79	....	+28 3 42.9	....
39	3 H. Ursæ Majoris	9	3 17.95	+ 0.92	− 4.37	29 46 2.60	43.882	+ 2.94	+ 33.2	8 3 14.50	....	+68 45 9.0	....
40	20 Puppis	9	8 59.18	+ 0.06	− 4.37	305 31 57.10	46.577	+ 2.97	−1 20.7	8 8 54.87	....	−15 29 48.2	....
41	31 Lyncis	9	16 18.80	+ 0.47	− 4.37	4 29 56.82	46.530	+ 3.00	+ 4.6	8 16 14.90	....	+43 29 35.5	....
42	30 Monocerotis	9	20 55.59	+ 0.14	− **4.36**	317 25 56.68	46.170	+ 3.01	− 52.9	8 20 51.36	....	− 3 35 30.2	....
43	110 B. Lyncis	9	26 43.59	+ 0.42	− 4.37	359 22 1.12	43.998	+ 3.04	− 0.6	8 26 39.64	....	+38 20 36.8	....
44	δ Hydræ	9	32 38.01	+ 0.21	− 4.37	327 3 57.32	45.085	+ 3.06	− 37.3	8 32 33.85	....	+ 6 2 21.2	....
45	γ Cancri	9	37 47.09	+ 0.31	[− **4.33**]	342 49 57.28	45.335	+ 3.08	− 17.8	8 37 43.03	....	+21 48 46.4	....
46	ε Hydræ	9	41 45.01	+ 0.21	[− **4.34**]	327 47 56.70	44.940	+ 3.10	− 36.3	8 41 40.85	....	+ 6 46 18.4	....
47	ζ Hydræ	9	50 22.59	+ 0.21	[− **4.33**]	327 19 57.32	45.982	+ 3.13	− 37.0	8 50 18.43	....	+ 6 18 42.1	....
48	κ Ursæ Majoris	9	57 6.86	+ 0.51	− 4.37	8 33 59.42	42.035	+ 3.16	+ 8.8	8 57 3.00	....	+47 31 59.7	....
49	σ^2 Ursæ Majoris	9	1 58.22	+ 0.88	− 4.37	28 32 1.42	44.100	+ 3.18	+ 31.5	9 1 54.73	....	+67 31 11.4	....
50	θ Hydræ	9	9 25.52	+ 0.19	[− **4.30**]	323 43 57.12	47.628	+ 3.21	− 42.3	9 9 21.34	....	+ 2 43 14.3	....
51	40 Lyncis	9	15 15.17	+ 0.40	− 4.36	355 49 57.88	42.185	+ 3.23	− 4.2	9 15 11.21	....	+34 47 48.7	....
52	α Hydræ	9	22 55.63	+ 0.11	[− **4.32**]	312 47 56.30	44.232	+ 3.26	−1 2.4	9 22 51.38	....	− 8 14 24.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 4 43	29.72	57.0	56.5
5 6	......	....	56.2
5 31	29.695	56.8	56.0
24 13 53	29.86	47.9	47.0
25 7 5	29.67	43.2	44.0
7 30	......	....	45.9
7 49	......	....	46.0
8 9	29.69	44.9	46.9
8 21	......	....	48.0
8 33	......	....	48.7
8 50	......	....	48.1
9 2	29.74	47.2	48.0
9 23	......	....	47.2

Micrometer bisections are made at II, VI, except as noted below.

5, 13, 14, 26.	Bisections at VI, VII.
6.	Bisections at II, VII.
11, 21, 22, 52.	Bisections at I, II.
27.	Bisections at I, II, III.
28.	Bisections at V, VI, VII.
29, 33,	Bisections at I, II, VI, VII.
30.	Bisections at IV, V.
34, 39.	Bisections at II, III
36, 37.	Bisections at III, V.
40.	Bisections at II, VI, VII.

Notes.

4.	Revolutions of micrometer reading assumed.
4, 6, 13, 17, 25, 26, 44, 47.	Clouds.
20–26.	At times images poor; fuzzy.
29, 30, 33, 40.	Diffuse.
40, 52.	Unsteady.
41.	Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
27	+ 6.8	−16 6.1	...	−15 59.3
28	+ 6.8	+16 6.1	...	+16 12.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	θ Ursæ Majoris	9	26 28.38	+ 0.57	− 4.36	13 8 1.38	43.645	+ 3.28	+ 13.6	9 26 24.59	.....	+52 6 43.0	....
2	o Leonis	9	36 4.69	+ 0.23	[− **4.29**]	331 21 55.22	43.442	+ 3.32	− 31.6	9 36 0.56	.....	+10 19 47.5	....
3	Venus II, S	9	23 53.80	+ 0.18	− 4.38	322 49 56.72	45.482	+ 3.38	− 43.8	11 23 49.60	− 1.30	+ 1 48 23.6	....
4	Mercury II, C	9	3 19.54	+ 0.13	− 4.37	316 29 55.30	46.032	+ 3.38	− 54.8	13 3 15.30	− 0.19	− 4 31 36.3	....
	October 26, L.												
5	Sun I, S	9	58 38.49	+ 0.08	− 4.37	308 33 52.48	44.232	+ 3.38	−1 12.3	13 58 34.20	+66.22	−12 28 38.2	....
6	Sun II, N	9	0 50.94	+ 0.08	− 4.37	309 5 54.45	44.647	+ 3.38	−1 11.0	14 0 46.65	−66.23	−11 56 24.5	....
7	Moon I, S	9	8 19.69	+ 0.02	− 4.37	302 43 54.80	45.081	+ 3.38	−1 31.4	19 8 15.34	+64.59	−18 18 35.1	....
8	19 Capricorni	9	49 26.33	+ 0.02	− 4.37	302 45 55.88	43.625	+ 2.87	−1 31.6	20 49 21.98	− 2.85	−18 17 8.1	−18.4
9	ν Cygni	9	53 39.85	+ 0.41	− 4.37	1 48 0.50	48.158	+ 2.85	+ 1.9	20 53 35.89	.....	+40 48 13.5	....
10	η Capricorni	9	59 0.43	+ 0.01	− 4.37	300 47 55.05	46.880	+ 2.83	−1 38.8	20 58 56.07	− 2.90	−20 14 1.7	−18.0
11	ν Aquarii	9	4 25.86	+ 0.07	− **4.39**	309 15 56.28	47.040	+ 2.81	−1 12.2	21 4 21.56	.....	−11 45 30.2	....
12	ζ Cygni	9	8 55.19	+ 0.32	− **4.35**	350 51 58.85	43.745	+ 2.79	− 9.5	21 8 51.14	.....	+29 50 19.6	....
13	υ Cygni	9	14 2.42	+ 0.36	− 4.37	355 29 57.98	47.875	+ 2.77	− 4.6	21 13 58.41	− 2.71	+34 29 57.7	−34.7
14	B. A. C. 7504	7	19 4.23	+ 4.21	− 4.37	47 38 1.85	46.905	+ 2.75	+1 5.1	21 19 4.07	.....	+86 38 49.4	....
15	358 B. Cygni	9	28 18.67	+ 0.52	− 4.37	13 11 59.98	47.408	+ 2.71	+ 14.0	21 28 14.82	− 2.90	+52 12 7.8	−37.4
16	74 Cygni	9	33 10.53	+ 0.40	− 4.37	0 59 57.62	45.742	+ 2.69	+ 1.1	21 33 6.56	.....	+39 59 14.5	....
17	ε Pegasi	9	39 32.42	+ 0.20	− **4.33**	330 27 57.00	44.805	+ 2.66	− 33.5	21 39 28.25	.....	+ 9 26 17.9	....
18	π² Cygni	9	43 19.54	+ 0.47	− 4.37	9 52 0.58	47.912	+ 2.64	+ 10.4	21 43 15.64	.....	+48 52 16.2	....
19	μ Capricorni	9	48 7.96	+ 0.06	− **4.42**	307 1 54.58	45.715	+ 2.62	−1 18.4	21 48 3.65	.....	−14 0 8.6	....
20	134 G. Capricorni	9	53 26.85	0.00	− 4.37	299 23 55.40	46.068	+ 2.60	−1 44.8	21 53 22.48	− 3.11	−21 38 26.2	−18.8
21	16 Cephei	9	57 59.63	+ 0.95	− 4.37	33 44 0.78	45.200	+ 2.59	+ 39.8	21 57 56.21	− 4.21	+72 43 43.9	−37.6
22	27 Pegasi	9	5 2.88	+ 0.34	− 4.37	353 43 58.88	44.052	+ 2.56	− 6.5	22 4 58.85	− 3.21	+32 42 29.1	−34.0
23	λ Cephei	9	8 20.44	+ 0.60	− 4.37	19 58 0.15	43.482	+ 2.54	+ 21.7	22 8 16.67	− 3.71	+58 56 45.9	−37.1
24	ρ Aquarii	9	15 13.18	+ 0.10	− 4.37	312 43 56.45	45.130	+ 2.51	−1 4.2	22 15 8.91	− 3.16	− 8 18 6.0	−23.2
25	3 Lacertæ	9	19 52.23	+ 0.49	− 4.37	12 45 59.60	44.985	+ 2.49	+ 13.6	22 19 48.35	.....	+51 45 11.4	....
26	σ Aquarii	9	25 38.43	+ 0.08	− **4.39**	309 51 56.20	45.470	+ 2.47	−1 11.0	22 25 34.14	.....	−11 10 5.3	....
27	η Aquarii	9	30 29.81	+ 0.14	− **4.36**	320 25 56.05	43.108	+ 2.45	− 49.1	22 30 25.58	.....	− 0 36 37.6	....
28	30 Cephei	9	35 20.68	+ 0.66	− 4.37	24 5 59.55	44.985	+ 2.43	+ 26.7	22 35 16.97	− 4.45	+63 5 24.3	−36.1
29	13 Lacertæ	9	39 53.46	+ 0.39	− 4.37	2 19 58.28	45.508	+ 2.41	+ 2.5	22 39 49.48	− 3.69	+41 19 10.9	−34.2
30	μ Pegasi	9	45 26.79	+ 0.28	− **4.32**	345 5 58.65	48.190	+ 2.39	− 15.8	22 45 22.70	.....	+24 5 54.3	....
31	94 H¹. Aquarii	9	50 16.77	+ 0.12	− 4.37	315 31 57.12	45.460	+ 2.37	− 58.3	22 50 12.52	− 3.31	− 5 29 52.0	−23.9
32	52 Pegasi	9	54 28.22	+ 0.21	− 4.37	332 13 56.92	46.810	+ 2.35	− 31.3	22 54 24.06	− 3.41	+11 13 5.6	−28.1
33	β Piscium	9	59 4.03	+ 0.17	− 4.37	324 19 57.10	45.245	+ 2.33	− 42.7	22 58 59.83	− 3.38	+ 3 18 18.6	−26.1
34	A Piscium	9	3 50.51	+ 0.16	− 4.37	322 37 57.68	45.650	+ 2.31	− 45.4	23 3 46.30	− 3.39	+ 1 36 25.7	−25.6
35	φ Aquarii	9	9 25.66	+ 0.11	− **4.44**	314 27 56.35	45.495	+ 2.29	−1 0.5	23 9 21.40	.....	− 6 33 54.3	....
	October 26, Br.												
36	51 H. Cephei	8	55 43.71	+ 4.37	− 4.29	48 12 3.20	43.645	+ 3.11	+1 7.4	6 55 43.79	.....	+87 11 38.9	....
37	λ Ursæ Minoris s. p.	6	18 14.93	−11.19	− 4.29	52 0 1.00	43.898	+ 3.11	+1 17.1	19 17 59.45	.....	+89 0 7.4	....
38	20 Puppis	9	8 59.19	+ 0.12	− 4.29	305 31 55.92	46.785	+ 3.11	−1 24.0	8 8 55.02	.....	−15 29 47.9	....
39	31 Lyncis	9	16 18.77	+ 0.46	− 4.29	4 29 59.78	46.405	+ 3.11	+ 4.8	8 16 14.94	.....	+43 29 35.9	....
40	30 Monocerotis	9	20 55.48	+ 0.19	− **4.27**	317 25 57.05	46.205	+ 3.11	− 55.2	8 20 51.38	.....	− 3 35 31.0	....
41	110 B. Lyncis	9	26 43.58	+ 0.43	− 4.29	359 22 0.02	44.052	+ 3.11	− 0.6	8 26 39.72	.....	+38 20 37.0	....
42	γ Cancri	9	37 47.08	+ 0.33	[− **4.31**]	342 49 58.00	45.298	+ 3.11	− 18.6	8 37 43.13	.....	+21 48 45.5	....
43	ε Hydræ	9	41 44.95	+ 0.25	[− **4.29**]	327 47 56.80	45.030	+ 3.11	− 37.9	8 41 40.92	.....	+ 6 46 18.9	....
44	ζ Hydræ	9	50 22.49	+ 0.24	[− **4.23**]	327 19 56.75	46.095	+ 3.11	− 38.5	8 50 18.45	.....	+ 6 18 42.6	....
45	α Cancri	8	53 17.46	+ 0.28	[− **4.28**]	333 15 57.80	43.240	+ 3.11	− 30.3	8 53 13.46	.....	+12 13 46.8	....
46	σ² Ursæ Majoris	9	1 58.16	+ 0.79	− 4.28	28 32 0.52	44.110	+ 3.11	+ 32.8	9 1 54.67	.....	+67 31 12.3	....
47	40 Lyncis	9	15 15.12	+ 0.40	− 4.28	355 49 59.00	42.135	+ 3.11	− 4.3	9 15 11.24	.....	+34 47 48.5	....
48	α Hydræ	9	22 55.54	+ 0.16	[− **4.25**]	312 47 56.78	44.312	+ 3.11	−1 4.8	9 22 51.42	.....	− 8 14 24.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 9 36	29.77	47.2	47.1
11 24	29.80	48.9	48.3
13 3	29.835	50.4	49.2
26 14 1	29.83	50.3	49.2
19 8	29.955	44.2	41.8
20 49	[illegible]	41.4	40.7
21 4	......	....	40.7
21 19	30.00	41.1	40.2
21 48	......	....	39.6
22 15	30.01	40.1	39.0
22 30	......	....	38.7
22 45	......	....	38.3
22 59	......	....	38.2
23 9	30.025	39.4	38.2
7 4	30.075	35.5	34.5
7 25	......	....	34.5
8 9	30.07	35.0	34.0
8 42	30.07	34.2	33.8
9 15	......	....	34.1

Micrometer bisections are made at II, VI, except as noted below.

1, 13, 22, 48. Bisections at I, II.
3, 4. Bisections at I, II, VI, VII.
5. Bisections at I, II, III.
6. Bisections at V, VI, VII.
7. Bisections at II, III, IV, V, VI.
8, 10, 20. Bisections at I, II, VI.
14. Bisections at b_3, b_5, b_7.
21, 23. Bisections at III, V.
36. Bisections at b_4, b_6.
37. Bisections at b_3, b_4, b_5, b_6, b_7.
40. Bisection at VI.
45. Bisections at VI, VII.
46. Bisections at III, IV, V.

Notes.

8–35. Conditions poor.
10. Diffuse.
14. Unsteady and diffuse.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+ 12.0	+ 19.4	...	+ 31.4
4	+ 5.1	.. ....	+ 0.3	+ 5.4
5	+ 6.9	+16 6.8	...	+16 13.7
6	+ 6.8	−16 6.8	...	−16 0.0
7	+45 41.5	+14 53.1	...	+60 34.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ξ Leonis	9	26 49.38	+ 0.28	[− **4.31**]	332 43 57.82	47.852	+ 3.11	− 30.9	9 26 45.38	.....	+11 43 31.7	....
2	ε Leonis	9	40 26.89	+ 0.34	[− **4.26**]	345 13 59.20	45.675	+ 3.11	− 15.8	9 40 22.95	.....	+24 12 58.1	....
3	μ Leonis	9	47 20.93	+ 0.35	[− **4.32**]	347 27 59.52	46.968	+ 3.11	− 13.3	9 47 17.00	.....	+26 27 30.5	....
4	Venus II, S.	9	26 16.32	+ 0.22	− 4.28	322 45 57.20	45.769	+ 3.22	− 45.0	11 26 12.26	− 1.28	+ 1 44 29.3	....
	October 27, Br.												
5	Sun I, S.	9	2 28.71	+ 0.13	− 4.28	308 13 56.50	42.603	+ 3.02	−1 14.5	14 2 24.56	+66.26	−12 49 13.9	....
6	Sun II, N.	9	4 41.22	+ 0.13	− 4.28	308 45 57.00	43.162	+ 3.02	−1 13.1	14 4 37.07	−66.25	−12 16 58.3	....
7	Moon I, S.	4	59 8.61	+ 0.11	− 4.27	304 23 55.60	46.514	+ 2.45	−1 25.7	19 59 4.45	+63.70	−16 37 56.8	....
8	ν Aquarii	9	4 25.73	+ 0.12	− **4.32**	309 15 56.78	46.990	+ 2.45	−1 12.0	21 4 21.58	.....	−11 45 31.0	....
9	ζ Cygni	9	8 55.06	+ 0.37	− **4.29**	350 51 59.15	43.722	+ 2.45	− 9.5	21 8 51.16	.....	+29 50 19.1	....
10	υ Cygni	9	14 2.34	+ 0.40	− 4.27	355 29 58.58	47.852	+ 2.45	− 4.6	21 13 58.47	− 2.69	+34 29 57.7	−34.7
11	358 B. Cygni	9	28 18.56	+ 0.55	− 4.27	13 12 0.45	47.465	+ 2.45	+ 14.0	21 28 14.84	− 2.87	+52 12 9.4	−37.5
12	89 B. Ursæ Majoris s. P.	8	34 3.70	− 0.29	− 4.27	71 18 3.28	44.725	+ 2.45	+2 54.4	9 33 59.14	− 1.88	+69 40 9.8	+33.6
13	ε Pegasi	9	39 32.38	+ 0.25	− **4.35**	330 27 57.90	44.775	+ 2.45	− 33.6	21 39 28.36	.....	+ 9 26 17.8	....
14	μ Capricorni	9	48 7.88	+ 0.11	− **4.40**	307 1 55.50	45.680	+ 2.45	−1 18.5	21 48 3.72	.....	−14 0 8.7	....
15	134 G. Capricorni	6	53 26.78	+ 0.05	− 4.27	299 23 55.18	46.100	+ 2.45	−1 44.8	21 53 22.56	− 3.10	−21 38 25.6	−18.7
16	α Aquarii	9	0 55.39	+ 0.19	− **4.33**	320 13 57.12	47.242	+ 2.45	− 49.3	22 0 51.31	.....	− 0 47 2.2	....
17	θ Pegasi	9	5 25.66	+ 0.23	− **4.32**	326 45 56.52	43.530	+ 2.45	− 38.9	22 5 21.62	.....	+ 5 43 42.7	....
18	ρ Aquarii	9	15 13.05	+ 0.15	− 4.27	312 43 56.50	45.148	+ 2.45	−1 4.2	22 15 8.93	− 3.14	− 8 18 5.9	−23.2
19	3 Lacertæ	9	19 52.08	+ 0.55	− 4.27	12 46 0.65	45.018	+ 2.45	+ 13.6	22 19 48.36	.....	+51 45 13.3	....
20	σ Aquarii	9	25 38.31	+ 0.13	− **4.33**	309 51 55.88	45.505	+ 2.45	−1 11.0	22 25 34.17	.....	−11 10 4.9	....
21	κ Aquarii	9	32 51.39	+ 0.17	− 4.27	316 17 56.92	46.930	+ 2.45	− 56.7	22 32 47.29	− 3.22	− 4 43 17.0	−24.2
22	ζ Pegasi	9	36 44.83	+ 0.26	− **4.32**	331 21 57.88	43.935	+ 2.45	− 32.4	22 36 40.82	.....	+10 19 59.8	....
23	λ Pegasi	9	41 58.91	+ 0.33	− **4.33**	344 3 58.70	48.090	+ 2.45	− 16.9	22 41 54.97	.....	+23 3 51.0	....
24	γ Piscis Australis	8	47 15.83	− 0.06	− 4.27	287 39 56.85	47.645	+ 2.45	−3 4.0	22 47 11.50	− 3.30	−33 23 7.9	−15.7
25	36 H. Cephei	9	55 26.52	+ 2.32	− 4.27	44 50 3.02	45.622	+ 2.45	+ 59.3	22 55 24.57	−12.46	+83 50 15.0	−34.3
26	A Piscium	9	3 50.34	+ 0.21	− 4.27	322 37 58.70	45.638	+ 2.45	− 45.3	23 3 46.28	− 3.38	+ 1 36 26.7	−25.5
27	φ Aquarii	9	9 25.48	+ 0.16	− **4.32**	314 27 57.00	45.480	+ 2.45	−1 0.5	23 9 21.37	.....	− 6 33 53.8	....
	October 27, Ei.-Y.												
28	α Andromedæ	9	3 30.16	+ 0.34	− **4.08**	349 33 59.88	47.602	+ 2.43	− 10.9	0 3 26.37	.....	+28 33 47.0	....
29	γ Pegasi	9	8 22.08	+ 0.27	− **4.11**	335 39 56.95	46.708	+ 2.42	− 26.8	0 8 18.22	.....	+14 39 7.8	....
30	B. D.+ 5°25	9	10 47.12	+ 0.22	− 4.13	326 19 57.52	46.102	+ 2.41	− 39.6	0 10 43.21	− 3.68	+ 5 18 41.7	−23.9
31	B. D.+ 4°32	9	14 37.82	+ 0.22	− 4.13	326 13 57.70	48.888	+ 2.40	− 39.7	0 14 33.91	− 3.70	+ 5 13 45.5	−23.7
32	B. D.− 1°41	9	18 50.03	+ 0.18	− 4.13	319 55 57.18	49.110	+ 2.38	− 49.9	0 18 46.08	− 3.63	− 1 4 20.2	−22.4
33	10 Ceti	9	21 46.53	+ 0.19	− 4.13	320 25 57.15	47.810	+ 2.37	− 49.0	0 21 42.59	− 3.64	− 0 34 49.0	−22.4
34	12 Ceti	9	25 12.89	+ 0.17	− **4.13**	316 31 57.02	47.118	+ 2.36	− 56.3	0 25 8.93	.....	− 4 29 12.3	....
35	B. D.− 5°83 (*mean*)	9	29 40.26	+ 0.16	− 4.13	315 55 58.45	48.915	+ 2.35	− 57.4	0 29 36.29	− 3.61	− 5 4 30.9	−21.3
36	B. D.+ 2°80	9	32 38.45	+ 0.21	− 4.13	323 37 58.60	45.962	+ 2.34	− 43.7	0 32 34.53	− 3.72	+ 2 36 35.5	−22.4
37	B. D.+ 8°94	9	36 18.77	+ 0.24	− 4.13	329 49 57.70	49.110	+ 2.33	− 34.5	0 36 14.88	− 3.82	+ 8 49 55.7	−23.0
38	B. D.+11°96	9	42 5.57	+ 0.25	− 4.13	332 27 58.55	46.748	+ 2.31	− 30.9	0 42 1.69	− 3.89	+11 27 5.8	−23.0
39	147 B. Piscium	5	43 25.38	+ 0.22	− 4.13	325 47 58.68	47.662	+ 2.31	− 40.3	0 43 21.47	.....	+ 4 47 18.0	....
40	B. D.− 1°104	9	45 4.59	+ 0.19	− 4.13	320 15 58.58	47.850	+ 2.30	− 49.3	0 45 0.65	− 3.70	− 0 44 47.0	−21.2
41	B. D.+ 9°99 (*mean*)	9	47 11.80	+ 0.25	− 4.13	331 5 57.15	46.238	+ 2.30	− 32.8	0 47 7.92	− 3.88	+10 4 51.1	−22.5
42	B. D.+13°127	9	51 11.51	+ 0.26	− 4.13	334 25 59.30	48.985	+ 2.29	− 28.4	0 51 7.64	− 3.96	+13 26 0.5	−22.6
43	B. D.+ 6°131	9	53 3.62	+ 0.23	− 4.13	328 5 57.78	48.372	+ 2.28	− 36.9	0 52 59.72	− 3.84	+ 7 5 36.4	−21.8
44	B. D.+10°115	9	56 17.25	+ 0.25	− 4.13	331 39 57.58	48.935	+ 2.27	− 32.0	0 56 13.37	− 3.92	+10 39 54.0	−21.9
45	B. D.+13°155	9	58 52.53	+ 0.26	− 4.13	334 25 58.42	47.370	+ 2.26	− 28.4	0 58 48.66	− 3.98	+13 25 22.6	−22.0
46	B. D.+ 2°155	9	1 13.28	+ 0.21	− 4.13	323 45 58.10	48.962	+ 2.26	− 43.5	1 1 9.36	− 3.79	+ 2 45 43.6	−20.8
47	B. D.+ 1°212	9	3 7.20	+ 0.20	− 4.13	322 29 58.12	48.565	+ 2.25	− 45.5	1 3 3.27	− 3.77	+ 1 29 32.6	−20.5
48	B. D.+ 9°138	9	6 31.75	+ 0.24	− 4.13	330 47 57.88	46.470	+ 2.24	− 33.2	1 6 27.86	− 3.93	+ 9 46 56.7	−21.1
49	B. D.+10°147	9	8 49.08	+ 0.25	− 4.13	331 17 57.18	50.108	+ 2.23	− 32.5	1 8 45.20	− 3.94	+10 18 19.9	−21.0
50	B. D.+ 4°216	9	11 50.61	+ 0.22	− 4.13	325 33 57.95	46.930	+ 2.23	− 40.7	1 11 46.70	− 3.84	+ 4 32 59.8	−20.3
51	B. D.+ 7°197	9	14 31.93	+ 0.23	− 4.13	328 53 57.00	48.070	+ 2.22	− 35.8	1 14 28.03	− 3.91	+ 7 53 29.8	−20.4
52	B. D.+ 0°223	9	17 44.98	+ 0.20	− 4.13	322 15 57.68	43.405	+ 2.21	− 46.0	1 17 41.05	− 3.80	+ 1 13 33.7	−19.6
53	B. D.+ 9°167	9	20 59.45	+ 0.24	− 4.13	330 55 57.95	45.255	+ 2.20	− 33.0	1 20 55.56	− 3.96	+ 9 54 29.2	−20.0
54	B. D.+11°187	9	24 24.63	+ 0.26	− 4.13	332 55 57.02	42.875	+ 2.19	− 30.4	1 24 20.76	− 4.02	+11 53 36.5	−19.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 9 27	30.085	35.1	34.7
9 40	[illegible]	35.9	35.0
9 47	....	....	35.1
11 26	30.11	41.8	41.1
27 14 5	30 10	45.9	45.3
19 59	30.06	44.2	44.0
21 4	30.05	43.0	42.9
21 40	....	....	39.9
22 5	30.04	40.6	39.8
23 9	30.035	39.5	38.9
0 1	30.04	38.7	39.0
0 27	....	....	39.0
0 49	30.03	38.0	38.9
1 13	....	....	[illegible]

Micrometer bisections are made at II, VI, except as noted below.

1, 39. Bisections at VI, VII.
4. Bisections at I, II, VI, VII.
5. Bisections at I, II, III.
6. Bisections at V, VI, VII.
7. Bisections at II, III, IV, V, VI.
11, 19. Bisections at III, V.
12, 25. Bisections at III, IV, V.
15. Bisections at II, VI, VII.
18, 38. Bisections at I, II.
24. Bisections at II, IV, VI.

Notes.

12, 15. Woolly.
28–41. Images poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 11.8	+ 19.1	...	+ 30.9
5	+ 6.9	+16 7.8	...	+16 14.7
6	+ 6.9	−16 7.8	...	−16 0.9
7	+44 36.4	+14 49.2	...	+59 25.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 4°266	9	27 58.39	+ 0.22	– 4.13	325 17 57.78	46.738	+ 2.18	– 41.1	1 27 54.48	– 3.87	+ 4 16 54.8	–19.2
2	B. D.+13°240	9	30 43.05	+ 0.27	– 4.13	335 11 58.52	44.478	+ 2.17	– 27.5	1 30 39 19	– 4.08	+14 10 17.5	–19.5
3	B. D.+11°207	9	32 38.91	+ 0.26	– 4.13	332 35 58.30	47.478	+ 2.16	– 30.8	1 32 35.04	– 4.03	+11 35 22.5	–19.2
4	B. D.+ 8°258	9	35 36.21	+ 0.24	– 4.13	329 17 58.42	45.352	+ 2.16	– 35.3	1 35 32.32	– 3.96	+ 8 16 29.3	–18.8
5	ν Piscium	9	36 30.78	+ 0.22	– **4.15**	326 1 58.38	44.668	+ 2.15	– 40.0	1 36 26.87	....	+ 5 0 9.2	....
6	B. D.+13°270	9	39 21.42	+ 0.26	– 4.13	334 35 59.02	45.150	+ 2.14	– 28.2	1 39 17.55	– 4.08	+13 34 32.6	–18.8
7	B. D.+16°203	9	43 3.16	+ 0.28	– 4.13	337 29 57.00	45.478	+ 2.13	– 24.6	1 42 59.31	– 4.17	+16 28 41.7	–18.5
8	B. D.+ 3°257	9	47 52.58	+ 0.21	– 4.13	325 11 57.38	47.990	+ 2.12	– 41.3	1 47 48.66	– 3.89	+ 4 11 22.8	–17.7
9	B. D.+ 8°292	9	49 22.72	+ 0.24	– 4.13	329 19 56.30	45.570	+ 2.11	– 35.3	1 49 18.83	– 3.98	+ 8 18 32.4	–17.7
10	B. D.+ 5°276	9	55 14.34	+ 0.23	– 4.13	327 11 55.70	47.770	+ 2.09	– 38.3	1 55 10.44	– 3.94	+ 6 11 19.1	–17.2
11	B. D.+ 8°316	9	57 35.13	+ 0.24	– 4.13	329 39 56.70	41.900	+ 2.09	– 34.8	1 57 31.24	– 4.00	+ 8 37 9.4	–17.1
12	B. D.+13°333	9	1 34.42	+ 0.27	– 4.13	335 7 58.92	47.830	+ 2.08	– 27.5	2 1 30.56	– 4.14	+14 7 34.4	–16.8
13	B. D.+ 6°331	9	3 58.34	+ 0.23	– 4.13	327 33 58.50	47.230	+ 2.07	– 37.8	2 3 54.44	– 3.96	+ 6 33 10.0	–16.5
14	B. D.+ 9°280	9	7 27.42	+ 0.24	– 4.13	330 53 58.08	45.858	+ 2.06	– 33.1	2 7 23.53	– 4.04	+ 9 52 42.9	–16.3
15	67 Ceti	9	12 16.30	+ 0.15	– **4.06**	314 9 56.78	45.638	+ 2.04	–1 1.3	2 12 12.32	....	– 6 51 51.6	....
16	ξ^2 Ceti	9	23 7.88	+ 0.20	– **4.04**	329 3 57.68	43.570	+ 2.01	– 35.7	2 23 3.95	....	+ 8 1 47.6	....
17	B. D.+23°423	9	8 28.64	+ 0.30	– 4.13	344 55 59.48	44.025	+ 1.89	– 16.0	3 8 24.81	– 4.46	+23 54 19.3	– 9.4
18	ζ Arietis	4	9 27.60	+ 0.28	– **4.08**	341 41 58.42	46.790	+ 1.89	– 19.6	3 9 23.75	....	+20 41 18.0	....
19	B. D.+24°464	9	12 29.38	+ 0.30	– 4.13	345 33 59.68	42.018	+ 1.89	– 15.3	3 12 25.55	– 4.48	+24 31 34.3	– 8.8
20	B. D.+16°423	9	14 38.30	+ 0.27	– 4.13	338 9 58.20	46.252	+ 1.88	– 23.8	3 14 34.44	– 4.24	+17 9 1.1	– 9.4
21	B. D.+24°481	9	18 42.95	+ 0.30	– 4.13	345 23 58.92	45.805	+ 1.88	– 15.5	3 18 39.12	– 4.48	+24 22 59.9	– 8.1
22	B. D.+18°484	9	21 38.96	+ 0.27	– 4.13	339 27 59.45	41.345	+ 1.88	– 22.3	3 21 35.10	– 4.27	+18 25 11.7	– 8.5
23	B. D.+24°503	9	25 38.03	+ 0.30	– 4.13	345 58 0.58	42.135	+ 1.87	– 14.9	3 25 34.20	– 4.49	+24 55 38.3	– 7.3
24	B. D.+13°568	9	28 6.15	+ 0.25	– 4.13	334 29 58.00	42.418	+ 1.87	– 28.4	3 28 2.27	– 4.11	+13 27 28.7	– 8.4
25	B. D.+23°483	9	32 6.69	+ 0.30	– 4.13	344 58 0.55	44.660	+ 1.87	– 15.9	3 32 2.86	– 4.44	+23 56 34.9	– 6.7
26	B. D.+17°601	8	34 7.65	+ 0.27	– 4.13	339 5 58.42	45.050	+ 1.86	– 22.7	3 34 3.79	– 4.24	+18 4 34.9	– 7.2
27	B. D.+16°497	9	37 14.94	+ 0.27	– 4.13	337 59 58.52	46.428	+ 1.86	– 24.0	3 37 11.08	– 4.20	+16 59 4.9	– 7.0
28	B. D.+20°621	9	38 57.52	+ 0.28	– 4.13	341 37 57.10	47.335	+ 1.86	– 19.7	3 38 53.67	– 4.32	+20 37 28.8	– 6.3
29	B. D.+24°553	8	40 15.84	+ 0.30	– 4.13	345 15 59.52	46.378	+ 1.86	– 15.6	3 40 12.01	– 4.44	+24 15 13.4	– 5.6
30	B. D.+23°556	9	43 19.19	+ 0.30	– 4.13	344 33 57.35	47.908	+ 1.85	– 16.4	3 43 15.36	– 4.41	+23 33 45.4	– 5.4
31	B. D.+27°694	9	40 38.43	+ 0.32	– 4.13	348 43 59.18	46.785	+ 1.79	– 11.7	4 40 34.62	– 4.40	+27 43 25.9	+ 1.9
32	B. D.+20°821	8	41 33.85	+ 0.28	– 4.13	341 15 57.90	48.900	+ 1.79	– 20.0	4 41 30.00	– 4.14	+20 16 5.2	+ 0.4
33	B. D.+16°657	9	44 55.04	+ 0.27	– 4.13	338 3 59.58	43.930	+ 1.79	– 23.8	4 44 51.18	– 4.02	+17 2 9.3	0.0
34	B. D.+27°701	9	46 51.57	+ 0.32	– 4.13	348 43 59.05	48.572	+ 1.78	– 11.7	4 46 47.76	– 4.38	+27 44 6.9	+ 2.7
35	B. D.+19°811	9	49 23.99	+ 0.28	– 4.13	340 19 56.20	48.015	+ 1.78	– 21.1	4 49 20.14	– 4.07	+19 19 42.2	+ 1.0
36	B. D.+18°765	9	52 48.53	+ 0.27	– 4.13	339 51 58.32	45.098	+ 1.78	– 21.7	4 52 44.67	– 4.05	+18 50 36.8	+ 1.2
37	B. D.+25°766	9	53 46.69	+ 0.31	– 4.13	346 47 59.42	46.792	+ 1.78	– 13.9	4 53 42.87	– 4.27	+25 47 24.6	+ 3.0
38	B. D.+24°739	9	58 2.79	+ 0.30	– 4.13	345 51 57.58	43.852	+ 1.77	– 14.9	4 57 58.96	– 4.22	+24 50 14.4	+ 3.2
39	B. D.+26°783	8	0 1.07	+ 0.31	– 4.13	347 17 59.55	47.712	+ 1.77	– 13.3	4 59 57.25	– 4.26	+26 17 46.2	+ 3.8
40	B. D.+29°822	9	3 41.19	+ 0.33	– 4.13	350 39 58.10	49.210	+ 1.76	– 9.7	5 3 37.39	– 4.38	+29 40 22.5	+ 5.0
41	B. D.+17°867	9	7 0.49	+ 0.27	– 4.13	338 7 58.20	42.898	+ 1.76	– 23.8	5 6 56.63	– 3.94	+17 5 44.3	+ 2.2
42	B. D.+21°813	9	12 50.67	+ 0.29	– 4.13	342 43 57.85	41.435	+ 1.75	– 18.4	5 12 46.83	– 4.05	+21 41 15.9	+ 4.0
43	B. D.+29°869	9	15 10.46	+ 0.33	– 4.13	350 27 59.78	48.750	+ 1.75	– 9.9	5 15 6.66	– 4.31	+29 28 13.5	+ 6.3
44	B. D.+31°955	9	18 31.48	+ 0.33	– 4.13	352 3 59.62	45.725	+ 1.75	– 8.2	5 18 27.68	– 4.35	+31 3 5.9	+ 7.0
45	B. D.+17°928	9	21 38.28	+ 0.27	– 4.13	338 53 57.05	45.428	+ 1.74	– 22.9	5 21 34.42	– 3.89	+17 52 41.9	+ 3.9
46	B. D.+25°839 (*north*)	9	23 26.11	+ 0.30	– 4.13	346 4 0.42	49.025	+ 1.74	– 14.7	5 23 22.28	– 4.11	+25 4 15.6	+ 6.0
47	δ Orionis	9	27 10.39	+ 0.18	– **4.07**	320 39 55.02	44.155	+ 1.74	– 48.6	5 27 6.44	....	– 0 22 14.9	....
48	α Leporis	9	28 34.24	+ 0.08	– **4.08**	303 8	......	....	....	5 28 30.19	....	–17 53	....
	October 27, R.												
49	ρ Geminorum	9	22 59.67	+ 0.35	– 4.18	352 59 59.92	43.725	+ 1.92	– 7.3	7 22 55.84	....	+31 58 21.6	....
50	ο Geminorum	9	32 57.38	+ 0.36	– 4.18	355 49 59.60	42.972	+ 1.92	– 4.3	7 32 53.56	– 3.44	+34 48 7.0	+20.1
51	κ Geminorum	9	38 42.53	+ 0.31	– **4.05**	345 37 59.58	47.355	+ 1.92	– 15.2	7 38 38.66	....	+24 37 36.3	....
52	1 Cancri	9	51 35.86	+ 0.27	– 4.18	337 3 52.92	45.825	+ 1.92	– 25.2	7 51 31.95	....	+16 2 44.7	....
53	χ Geminorum	9	57 40.62	+ 0.33	– **4.10**	349 3 56.62	47.580	+ 1.92	– 11.4	7 57 36.77	....	+28 3 42.3	....
54	3 H. Ursæ Majoris	7	3 17.75	+ 0.74	– 4.18	29 45 58.48	43.955	+ 1.92	+ 34.2	8 3 14.31	....	+68 45 6.6	....
55	β Cancri	9	11 21.97	+ 0.24	– **4.13**	330 29 50.05	46.625	+ 1.92	– 33.6	8 11 18.04	....	+ 9 28 51.7	....
56	31 Lyncis	8	16 18.68	+ 0.42	– 4.17	4 29 53.82	46.675	+ 1.92	+ 4.8	8 16 14.93	....	+43 29 35.1	....
57	29 Cancri	9	23 19.13	+ 0.26	– 4.17	335 33 52.42	43.145	+ 1.92	– 27.0	8 23 15.22	– 2.69	+14 31 41.4	+15.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 1 41	30.03	37.9	38.4
1 59	......	....	37.9
2 24	30.02	37.1	37.3
3 16	30.005	37.0	38.0
3 31	......	....	38.0
3 56	30.00	37.7	39.0
4 17	......	....	39.9
4 43	29.99	39.0	40.0
5 5	......	....	39.0
5 30	29.965	38.5	38.8
7 20	29.97	37.6	37.2
7 49	......	....	36.8
8 21	29.97	37.0	37.0

Micrometer bisections are made at II, VI, except as noted below.

4, 27, 31.	Bisections at I, II.
10, 14.	Bisections at II, VII.
18, 32, 35, 37, 54, 56, 57.	Bisections at VI, VII.

Notes.

10–13. Unsteady.
28–30. Clouds.
49–57. Very thick and hazy; unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	212 H¹. Draconis s. P.	9	30 31.46	− 0.27	− 4.17	68 45 56.05	44.355	+ 1.92	+2 32.9	20 30 27.02	.....	+72 12 46.6	....
2	γ Cancri	9	37 46.96	+ 0.30	[− **4.13**]	342 49 49.80	45.682	+ 1.92	− 18.4	8 37 43.09	.....	+21 48 45.1	....
3	14 Hydræ	9	44 35.66	+ 0.17	− 4.17	317 57 53.72	42.148	+ 1.92	− 53.7	8 44 31.66	.....	− 3 5 7.0	....
4	ζ Hydræ	9	50 22.36	+ 0.22	[− **4.05**]	327 19 51.62	46.300	+ 1.92	− 38.2	8 50 18.41	.....	+ 6 18 41.3	....
5	10 Ursæ Majoris	9	54 27.08	+ 0.41	− 4.17	3 11 55.38	41.560	+ 1.92	+ 3.4	8 54 23.32	.....	+42 9 38.4	....
6	ω Hydræ	9	0 58.31	+ 0.22	− 4.17	326 29 52.15	46.072	+ 1.92	− 39.4	9 0 54.36	− 2.37	+ 5 28 35.4	+13.3
7	36 Lyncis	9	7 33.93	+ 0.42	− 4.17	4 37 54.88	44.228	+ 1.92	+ 4.9	9 7 30.18	− 2.52	+43 36 40.3	+26.6
8	40 Lyncis	9	15 14.98	+ 0.36	− 4.17	355 49 53.55	42.402	+ 1.92	− 4.3	9 15 11.17	.....	+34 47 47.9	....
9	α Hydræ	9	22 55.38	+ 0.14	[− **4.04**]	312 47 51.30	44.490	+ 1.92	−1 4.3	9 22 51.35	.....	− 8 14 26.5	....
10	Venus II, S.	9	28 43.34	+ 0.22	− 4.14	322 41 53.08	44.234	+ 2.40	− 44.5	11 28 39.42	− 1.26	+ 1 39 49.7	....
11	Mercury C, C.	9	14 43.74	+ 0.18	− 4.14	315 15 53.02	42.821	+ 2.96	− 56.8	13 14 39.78	− 0.02	− 5 46 54.4	....
	October 28, R.												
12	Sun I, S.	9	6 19.53	+ 0.14	− 4.14	307 51 56.12	46.855	+ 2.96	−1 13.3	14 6 15.53	+66.39	−13 9 36.0	....
13	Sun II, N.	9	8 32.30	+ 0.14	− 4.14	308 23 56.08	47.447	+ 2.96	−1 12.0	14 8 28.30	−66.38	−12 37 20.3	....
14	Moon I, S.	9	48 39.22	0.00	− 4.10	306 45 55.75	48.063	+ 2.22	−1 16.6	20 48 35.12	+62.91	−14 15 12.4	....
15	ρ Cygni	9	30 26.50	+ 0.35	− 4.10	6 9 58.70	48.540	+ 2.22	+ 6.3	21 30 22.75	− 2.85	+45 10 24.2	−36.7
16	13 H. Cephei	9	36 3.61	+ 0.48	− 4.10	18 3 59.62	46.018	+ 2.22	+ 18.9	21 35 59.99	− 3.00	+57 3 40.0	−38.0
17	δ Capricorni	9	41 48.49	− 0.02	− **4.12**	304 27 56.40	47.018	+ 2.22	−1 23.7	21 41 44.37	.....	−16 33 42.7	....
18	μ Capricorni	9	48 7.74	0.00	− **4.16**	307 1 54.78	45.572	+ 2.22	−1 16.2	21 48 3.64	.....	−14 0 9.8	....
19	134 G. Capricorni	9	53 26.62	− 0.06	− 4.10	299 23 54.02	45.980	+ 2.22	−1 41.8	21 53 22.46	− 3.08	−21 38 26.9	−18.6
20	ι Aquarii	9	1 19.26	− 0.01	− **4.19**	306 41 54.55	45.858	+ 2.22	−1 17.1	22 1 15.15	.....	−14 20 4.4	....
21	λ Cephei	9	8 20.17	+ 0.50	− 4.10	19 58 0.05	43.658	+ 2.22	+ 21.0	22 8 16.57	− 3.64	+58 56 48.2	−37.4
22	θ Aquarii	9	11 50.19	+ 0.03	− **4.13**	312 45 56.85	46.388	+ 2.22	−1 2.2	22 11 46.12	.....	− 8 15 34.9	....
23	υ Aquarii	9	29 30.80	− 0.06	− 4.10	299 49 55.22	47.052	+ 2.22	−1 40.2	22 29 26.64	− 3.20	−21 11 59.5	−19.1
24	ζ Pegasi	9	36 44.74	+ 0.14	− **4.12**	331 21 57.35	43.895	+ 2.22	− 31.5	22 36 40.78	.....	+10 19 59.0	....
25	λ Pegasi	9	41 58.77	+ 0.21	− **4.08**	344 3 57.48	48.088	+ 2.22	− 16.4	22 41 54.88	.....	+23 3 50.1	....
26	λ Aquarii	9	47 40.67	+ 0.03	− **4.13**	312 55 55.70	47.008	+ 2.22	−1 1.9	22 47 36.60	.....	− 8 5 21.8	....
27	52 Pegasi	9	54 28.01	+ 0.14	− 4.10	332 13 55.90	46.792	+ 2.22	− 30.4	22 54 24.05	− 3.39	+11 13 4.9	−28.2
28	β Pegasi	9	59 11.71	+ 0.23	− **4.06**	348 33 59.80	48.050	+ 2.22	− 11.6	22 59 7.84	.....	+27 33 56.3	....
29	A Piscium	9	3 50.25	+ 0.09	− 4.10	322 37 58.10	45.578	+ 2.22	− 44.1	23 3 46.24	− 3.37	+ 1 36 25.7	−25.5
30	φ Aquarii	9	9 25.37	+ 0.04	− **4.10**	314 27 56.12	45.392	+ 2.22	− 58.8	23 9 21.31	.....	− 6 33 55.2	....
31	ο Cephei	9	14 47.35	+ 0.66	− 4.10	28 36 0.65	44.838	+ 2.22	+ 31.6	23 14 43.91	.....	+67 35 26.7	....
32	4 Cassiopeiæ	9	20 40.22	+ 0.54	− 4.10	22 45 58.80	45.605	+ 2.22	+ 24.4	23 20 36.66	.....	+61 45 35.2	....
33	1 H. Cassiopeiæ	9	25 41.49	+ 0.49	− 4.10	19 1 59.82	45.298	+ 2.22	+ 20.1	23 25 37.88	− 4.94	+58 1 24.9	−33.1
34	248 G. Aquarii	9	30 39.34	+ 0.04	− 4.10	313 1 56.58	46.085	+ 2.22	−1 1.9	23 30 35.28	− 3.42	− 7 59 42.0	−22.5
35	ι Piscium	9	35 5.19	+ 0.11	− **4.08**	326 7 56.45	45.512	+ 2.22	− 38.8	23 35 1.20	.....	+ 5 6 27.8	....
	October 28, L.												
36	51 H. Cephei	6	55 44.62	+ 4.83	− 4.24	48 12 2.52	43.797	+ 2.26	+1 5.5	6 55 45.21	.....	+87 11 38.9	....
37	λ Ursæ Minoris s. P.	5	18 10.22	−12.90	− 4.24	52 0 0.85	44.028	+ 2.26	+1 15.1	19 17 53.08	.....	+89 0 7.3	....
38	108 G. Puppis	9	30 0.92	− 0.04	− 4.24	298 57 56.25	44.078	+ 2.26	−1 45.6	7 29 56.64	− 2.58	−22 5 11.9	+ 1.5
39	f Puppis	9	33 53.66	− 0.16	− 4.24	286 19 55.95	43.498	+ 2.26	−3 17.6	7 33 49.26	− 2.38	−34 44 57.3	− 1.2
40	ξ Argus	9	45 19.69	− 0.06	− 4.24	296 25 49.62	45.565	+ 2.26	−1 57.9	7 45 15.39	.....	−24 36 56.7	....
41	ε Draconis s. P.	9	48 34.90	− 0.42	− 4.24	70 55 57.50	46.036	+ 2.26	+2 49.9	19 48 30.24	.....	+70 1 50.3	....
42	χ Geminorum	9	57 40.78	+ 0.28	− **4.17**	349 3 54.92	47.675	+ 2.26	− 11.3	7 57 36.82	.....	+28 3 43.2	....
43	3 H. Ursæ Majoris	9	3 18.08	+ 0.79	− 4.24	29 45 57.08	44.032	+ 2.26	+ 33.8	8 3 14.63	.....	+68 45 6.9	....
44	20 Puppis	9	8 59.22	+ 0.02	− 4.24	305 31 52.12	46.892	+ 2.26	−1 22.1	8 8 55.00	.....	−15 29 48.2	....
45	30 Monocerotis	9	20 55.57	+ 0.10	− **4.21**	317 25 52.85	46.418	+ 2.26	− 53.8	8 20 51.43	.....	− 3 35 30.0	....
46	η Cancri	8	27 12.78	+ 0.24	− **4.19**	341 45 53.95	48.815	+ 2.26	− 19.3	8 27 8.78	.....	+20 46 0.1	....
47	212 H¹. Draconis s. P.	9	30 31.73	− 0.50	− 4.24	68 45 57.38	44.370	+ 2.26	+2 30.6	20 30 26.99	.....	+72 12 47.8	....
48	γ Cancri	8	37 47.08	+ 0.25	− **4.17**	342 49 53.38	45.575	+ 2.26	− 18.1	8 37 43.09	.....	+21 48 46.9	....
49	ε Hydræ	9	41 45.02	+ 0.16	[− **4.21**]	327 47 51.05	45.270	+ 2.26	− 37.0	8 41 40.94	.....	+ 6 46 18.7	....
50	76 Draconis s. P.	9	49 44.06	− 1.43	− 4.24	58 47 56.35	46.362	+ 2.26	+1 37.0	20 49 38.39	.....	+82 10 56.5	....
51	κ Ursæ Majoris	9	57 6.91	+ 0.44	− 4.24	8 33 56.02	42.210	+ 2.26	+ 8.9	8 57 3.11	.....	+47 31 59.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 8 59	......	....	36.7
9 29	29.965	37.3	36.6
11 29	[illegible]	45.5	46.6
13 15	29.99	53.3	55.0
28 14 6	29.98	54.9	57.0
20 49	29.95	54.1	54.1
21 30	......	....	53.1
21 52	29.96	51.9	52.7
22 32	......	....	52.3
23 4	29.97	50.2	51.5
23 35	29.98	49.8	51.1
7 12	30.01	45.9	46.8
7 45	......	....	42.8
7 58	......	....	42.1
8 21	30.01	43.3	45.4
8 42	......	....	44.2

Micrometer bisections are made at II, VI, except as noted below.

1, 5, 7, 22.	Bisections at VI, VII.
10, 11, 39, 40.	Bisections at I, II, VI, VII.
12.	Bisections at I, II, III.
13.	Bisections at V, VI, VII.
14.	Bisections at II, III, IV, V, VI.
21.	Bisections at I, II.
36, 37.	Bisections at b_3, b_5, b_7.
38.	Bisections at I, II, VI.
41.	Bisections at II, III, IV, V.
46.	Bisections at II, III.
47.	Bisections at III, IV, V.
50.	Bisections at III, IV, V, VI.

Notes.

1. 29, 36, 38, 39, 41, 50.	Unsteady.
1–9, 15–22.	Conditions very poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 11.7	+ 18.8	...	+ 30.5
11	+ 5.1	.. ....	+ 0.2	+ 5.3
12	+ 7.0	+16 7.8	...	+16 14.8
13	+ 6.9	−16 7.8	...	−16 0.9
14	+43 15.0	+14 48.3	...	+58 3.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	σ^2 Ursæ Majoris	9	1 58.34	+ 0.77	− 4.24	28 31 56.42	44.318	+ 2.26	+ 31.9	9 1 54.87	.....	+67 31 10.9	....
2	θ Hydræ	9	9 25.56	+ 0.15	[− **4.21**]	323 43 53.60	47.852	+ 2.26	− 42.8	9 9 21.47	.....	+ 2 43 14.5	....
3	40 Lyncis	9	15 15.23	+ 0.34	− 4.24	355 49 53.98	42.400	+ 2.26	− 4.2	9 15 11.33	.....	+34 47 48.8	....
4	1 H. Draconis	9	23 22.72	+ 1.81	− 4.24	42 45 56.92	42.225	+ 2.26	+ 54.2	9 23 20.29	.....	+81 44 46.0	....
5	10 Leonis	9	32 11.79	+ 0.18	− 4.24	328 17 51.60	44.530	+ 2.26	− 36.3	9 32 7.73	− 2.22	+ 7 16 3.0	+14.5
6	ο Leonis	9	36 4.74	+ 0.20	[− **4.22**]	331 21 53.18	43.642	+ 2.26	− 32.2	9 36 0.70	.....	+10 19 48.4	....
7	ε Leonis	9	40 26.97	+ 0.28	[− **4.22**]	345 13 54.30	45.880	+ 2.26	− 15.5	9 40 23.01	.....	+24 12 57.3	....
8	υ Ursæ Majoris	9	44 11.40	+ 0.61	− 4.24	20 29 53.18	44.935	+ 2.26	+ 22.2	9 44 7.77	.....	+59 29 12.1	....
9	μ Leonis	9	47 20.98	+ 0.29	[− **4.25**]	347 27 53.80	47.280	+ 2.26	− 13.1	9 47 17.03	.....	+26 27 31.2	....
10	Venus II, S	9	31 15.39	+ 0.15	− 4.23	322 35 52.15	45.845	+ 2.82	− 44.2	11 31 11.31	− 1.24	+ 1 34 26.3	....
11	Mercury II, C	9	20 34.20	+ 0.11	− 4.23	314 35 52.38	45.855	+ 3.49	− 57.7	13 20 30.08	− 0.19	− 6 25 46.0	....
	October 29, L.												
12	Sun I, N	9	10 11.31	+ 0.07	− 4.23	308 3 49.52	47.383	+ 3.49	−1 12.2	14 10 7.15	+66.56	−12 57 28.9	....
13	Sun II, S	9	12 24.43	+ 0.07	− 4.23	307 31 49.62	46.747	+ 3.49	−1 13.6	14 12 20.27	−66.56	−13 29 43.8	....
14	η Capricorni	9	59 0.36	− 0.11	− 4.22	300 47 50.38	46.880	+ 3.47	−1 35.4	20 58 56.03	− 2.86	−20 14 2.3	−17.8
15	ν Aquarii	9	4 25.77	− 0.04	− **4.24**	309 15 45.68	47.335	+ 3.47	−1 9.7	21 4 21.51	.....	−11 45 30.9	....
16	ζ Cygni	9	8 55.06	+ 0.20	− **4.16**	350 51 52.75	43.968	+ 3.47	− 9.1	21 8 51.04	.....	+29 50 19.7	....
17	υ Cygni	9	14 2.33	+ 0.23	− 4.22	355 29 51.32	48.105	+ 3.47	− 4.4	21 13 58.34	− 2.65	+34 29 57.5	−34.8
18	B. A. C. 7504	7	19 2.51	+ 3.86	− 4.22	47 37 54.42	47.347	+ 3.47	+1 2.8	21 19 2.15	.....	+86 38 50.4	....
19	358 B. Cygni	9	28 18.54	+ 0.38	− 4.22	13 11 52.58	47.738	+ 3.47	+ 13.5	21 28 14.70	− 2.79	+52 12 8.2	−37.6
20	ξ Aquarii	9	32 42.57	− 0.02	− **4.25**	312 43 49.62	48.235	+ 3.47	−1 1.8	21 32 38.33	.....	− 8 16 58.5	....
21	Moon I, S	9	37 10.19	− 0.04	− 4.22	309 45 48.55	43.529	+ 3.47	−1 8.6	21 37 5.93	+62.36	−11 16 53.9	....
22	π^2 Cygni	9	43 19.35	+ 0.34	− 4.22	9 51 53.12	48.228	+ 3.47	+ 10.0	21 43 15.47	.....	+48 52 16.5	....
23	μ Capricorni	9	48 7.91	− 0.06	− **4.29**	307 1 49.18	45.742	+ 3.47	−1 15.6	21 48 3.63	.....	−14 0 9.7	....
24	134 G. Capricorni	9	53 26.71	− 0.12	− 4.22	299 23 48.60	46.138	+ 3.47	−1 41.0	21 53 22.37	− 3.07	−21 38 26.6	−18.5
25	16 Cephei	9	57 59.33	+ 0.79	− 4.22	33 43 55.20	45.512	+ 3.47	+ 38.3	21 57 55.90	− 4.01	+72 43 44.8	−38.2
26	27 Pegasi	9	5 2.84	+ 0.21	− 4.22	353 43 52.80	44.265	+ 3.47	− 6.2	22 4 58.83	− 3.16	+32 42 29.1	−34.2
27	λ Cephei	9	8 20.30	+ 0.46	− 4.22	19 57 53.62	43.842	+ 3.47	+ 20.9	22 8 16.54	− 3.60	+58 56 47.5	−37.6
28	ρ Aquarii	9	15 13.10	− 0.02	− 4.22	312 43 49.18	45.282	+ 3.47	−1 1.7	22 15 8.86	− 3.12	− 8 18 6.3	−23.0
29	3 Lacertæ	9	19 52.06	+ 0.36	− 4.22	12 45 53.00	45.280	+ 3.47	+ 13.0	22 19 48.20	.....	+51 45 11.9	....
30	σ Aquarii	9	25 38.34	− 0.04	− **4.22**	309 51 50.58	45.522	+ 3.47	−1 8.3	22 25 34.08	.....	−11 10 6.0	....
31	κ Aquarii	9	32 51.46	0.00	− 4.22	316 17 49.92	47.055	+ 3.47	− 54.5	22 32 47.24	− 3.20	− 4 43 17.9	−24.1
32	ζ Pegasi	9	36 44.88	+ 0.09	− **4.22**	331 21 49.68	44.128	+ 3.47	− 31.1	22 36 40.75	.....	+10 19 58.4	....
33	λ Pegasi	9	41 58.92	+ 0.15	− **4.19**	344 3 51.00	48.305	+ 3.47	− 16.2	22 41 54.85	.....	+23 3 50.0	....
34	δ Aquarii	9	49 37.78	− 0.07	− **4.24**	304 41 49.32	46.835	+ 3.47	−1 22.2	22 49 33.49	.....	−16 19 51.2	....
35	36 H. Cephei	9	55 25.97	+ 1.92	− 4.22	44 49 52.62	46.082	+ 3.47	+ 57.0	22 55 23.67	−12.13	+83 50 13.6	−34.8
36	*A* Piscium	9	3 50.43	+ 0.04	− 4.22	322 37 52.85	45.738	+ 3.47	− 43.6	23 3 46.25	− 3.36	+ 1 36 25.8	−25.5
37	φ Aquarii	9	9 25.56	− 0.01	− **4.25**	314 27 49.65	45.595	+ 3.47	− 58.2	23 9 21.33	.....	− 6 33 55.2	....
	October 29, Ei.-Y.												
38	α Andromedæ	9	3 30.21	+ 0.17	− **3.97**	349 33 52.45	47.835	+ 3.23	− 10.5	0 3 26.37	.....	+28 33 46.1	....
39	γ Pegasi	9	8 22.12	+ 0.11	− **4.00**	335 39 50.20	46.840	+ 3.23	− 26.0	0 8 18.22	.....	+14 39 5.7	....
40	B. D.+ 5°25	9	10 47.13	+ 0.06	− 4.01	326 19 49.25	46.328	+ 3.23	− 38.3	0 10 43.18	− 3.67	+ 5 18 40.8	−23.9
41	B. D.+ 4°32	9	14 37.92	+ 0.06	− 4.01	326 13 52.55	48.970	+ 3.23	− 38.4	0 14 33.97	− 3.69	+ 5 13 44.3	−23.7
42	B. D.− 1°41	9	18 50.09	+ 0.02	− 4.01	319 55 51.88	49.205	+ 3.23	− 48.4	0 18 46.10	− 3.62	− 1 4 20.9	−22.3
43	10 Ceti	9	21 46.57	+ 0.03	− 4.01	320 25 50.25	47.970	+ 3.23	− 47.5	0 21 42.59	− 3.64	− 0 34 49.9	−22.3
44	12 Ceti	8	25 12.95	+ 0.01	− **4.04**	316 31 50.68	47.222	+ 3.23	− 54.5	0 25 8.95	.....	− 4 29 13.6	....
45	B. D.− 5°83(*mean*)	9	29 40.27	0.00	− 4.01	315 55 52.58	49.048	+ 3.23	− 55.6	0 29 36.26	− 3.60	− 5 4 31.0	−21.1
46	B. D.+ 2°80	9	32 38.47	+ 0.04	− 4.01	323 37 53.45	46.075	+ 3.23	− 42.4	0 32 34.50	− 3.71	+ 2 36 35.1	−22.3
47	B. D.+ 8°94	9	36 18.83	+ 0.08	− 4.01	329 49 51.35	49.275	+ 3.23	− 33.4	0 36 14.90	− 3.82	+ 8 49 55.1	−23.0
48	B. D.+11°96	8	42 5.62	+ 0.09	− 4.01	332 27 51.88	46.915	+ 3.23	− 30.0	0 42 1.70	− 3.89	+11 27 4.8	−23.0
49	147 B. Piscium	9	43 25.49	+ 0.05	− 4.01	325 47 49.20	47.960	+ 3.23	− 39.1	0 43 21.53	.....	+ 4 47 17.2	....
50	B. D.− 1°104	9	45 4.64	+ 0.02	− 4.01	320 15 52.65	47.962	+ 3.23	− 47.8	0 45 0.65	− 3.70	− 0 44 48.0	−21.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
28 9 2	30.01	43.3	46.3
9 23	......	....	47.4
9 36	......	....	42.9
9 47	30.03	43.0	42.3
11 31	30.065	51.1	52.8
13 21	30.07	58.0	60.2
29 14 12	30.05	59.9	62.1
20 59	29.99	56.3	57.8
21 33	......	....	56.9
21 48	29.99	55.4	56.8
22 8	......	....	57.4
22 26	......	....	57.2
22 37	29.98	55.8	57.7
22 50	......	....	57.8
23 9	29.985	55.2	56.8
0 6	29.99	53.0	53.3
0 27	......	....	53.2

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at III, IV, V.
8.	Bisections at II, III.
10, 11, 24, 30.	Bisections at I, II, VI, VII.
12.	Bisections at I, II, III.
13.	Bisections at V, VI, VII.
18.	Bisections at b_3, b_5, b_7.
21.	Bisections at II, III, IV, V, VI.
22, 25, 35.	Bisections at III, V.
26, 48.	Bisections at I, II.
46.	Bisections at II, VII.

Notes.

1, 4, 20, 23, 24, 28, 30, 42.	Unsteady.
5.	Very faint.
14, 24.	Diffuse.
43.	Image poor.
45.	Clouds.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 11.5	+ 18.5	...	+ 30.0
11	+ 5.1	.. ....	+ 0.2	+ 5.3
12	+ 6.9	−16 7.4	...	−16 0.5
13	+ 7.0	+16 7.4	...	+16 14.4
21	+41 36.2	+14 50.5	...	+56 26.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 9°99 (*mean*)..	9	47 11.91	+ 0.08	− 4.01	331 5 51.85	46.350	+ 3.23	− 31.8	0 47 7.98	− 3.88	+10 4 50.3	−22.5
2	B. D.+13°127........	9	51 11.59	+ 0.10	− 4.01	334 25 52.28	49.182	+ 3.23	− 27.5	0 51 7.68	− 3.96	+13 25 59.8	−22.6
3	B. D.+ 6°131........	9	53 3.73	+ 0.07	− 4.01	328 5 52.40	48.510	+ 3.23	− 35.8	0 52 59.79	− 3.84	+ 7 5 36.3	−21.8
4	B. D.+10°115........	9	56 17.29	+ 0.09	− 4.01	331 39 50.75	49.125	+ 3.23	− 31.0	0 56 13.37	− 3.92	+10 39 53.5	−22.0
5	B. D.+13°155........	9	58 52.56	+ 0.10	− 4.01	334 25 52.68	47.510	+ 3.23	− 27.5	0 58 48.65	− 3.98	+13 25 22.0	−22.1
6	B. D.+ 2°155........	9	1 13.32	+ 0.04	− 4.01	323 45 52.88	49.052	+ 3.23	− 42.1	1 1 9.35	− 3.79	+ 2 45 42.8	−20.7
7	B. D.+ 1°212........	9	3 7.22	+ 0.04	− 4.01	322 29 51.18	48.712	+ 3.23	− 44.1	1 3 3.25	− 3.77	+ 1 29 31.4	−20.4
8	B. D.+ 9°138........	9	6 31.81	+ 0.08	− 4.01	330 47 52.30	46.610	+ 3.23	− 32.1	1 6 27.88	− 3.93	+ 9 46 56.4	−21.1
9	B. D.+10°147........	9	8 49.14	+ 0.08	− 4.01	331 19 52.05	44.962	+ 3.23	− 31.4	1 8 45.21	− 3.95	+10 18 19.2	−21.0
10	B. D.+ 4°216........	9	11 50.68	+ 0.05	− 4.01	325 33 53.00	46.995	+ 3.23	− 39.4	1 11 46.72	− 3.84	+ 4 32 58.7	−20.2
11	B. D.+ 7°197........	9	14 32.03	+ 0.07	− 4.01	328 53 51.90	48.145	+ 3.23	− 34.7	1 14 28.09	− 3.91	+ 7 53 28.5	−20.4
12	B. D.+ 0°223........	9	17 45.04	+ 0.04	− 4.01	322 15 53.28	43.460	+ 3.23	− 44.5	1 17 41.07	− 3.80	+ 1 13 33.1	−19.5
13	B. D.+ 9°167........	9	20 59.43	+ 0.08	− 4.01	330 55 51.90	45.408	+ 3.23	− 32.0	1 20 55.50	− 3.97	+ 9 54 28.7	−20.1
14	B. D.+11°187........	9	24 24.72	+ 0.09	− 4.01	332 55 52.48	42.960	+ 3.23	− 29.5	1 24 20.80	− 4.02	+11 53 35.8	−20.0
15	B. D.+ 4°266........	9	27 58.43	+ 0.05	− 4.01	325 17 53.75	46.758	+ 3.23	− 39.9	1 27 54.47	− 3.87	+ 4 16 53.5	−19.1
16	B. D.+13°240........	9	30 43.13	+ 0.10	− 4.01	335 11 52.50	44.610	+ 3.23	− 26.7	1 30 39.22	− 4.09	+14 10 16.3	−19.6
17	B. D.+11°207........	9	32 39.00	+ 0.09	− 4.01	332 35 51.82	47.642	+ 3.23	− 29.9	1 32 35.08	− 4.03	+11 35 21.7	−19.3
18	ν Piscium............	9	36 30.82	+ 0.06	**− 4.02**	326 1 52.48	44.805	+ 3.23	− 38.9	1 36 26.87	....	+ 5 0 8.6	....
19	B. D.+13°270........	9	39 21.41	+ 0.10	− 4.01	334 35 52.42	45.340	+ 3.23	− 27.4	1 39 17.50	− 4.09	+13 34 32.2	−18.8
20	B. D.+16°203........	9	43 3.21	+ 0.12	− 4.01	337 29 52.00	45.582	+ 3.23	− 23.9	1 42 59.32	− 4.17	+16 28 40.8	−18.6
21	B. D.+ 3°257........	9	47 52.69	+ 0.05	− 4.01	325 11 52.68	48.092	+ 3.23	− 40.1	1 47 48.73	− 3.90	+ 4 11 22.7	−17.7
22	B. D.+ 8°292........	9	49 22.74	+ 0.07	− 4.01	329 19 55.02	45.535	+ 3.23	− 34.3	1 49 18.80	− 3.99	+ 8 18 32.6	−17.7
23	B. D.+ 5°276........	9	55 14.47	+ 0.06	− 4.01	327 11 50.98	47.902	+ 3.23	− 37.2	1 55 10.52	− 3.95	+ 6 11 19.5	−17.2
24	B. D.+ 8°316........	9	57 35.22	+ 0.08	− 4.01	329 39 52.72	41.965	+ 3.23	− 33.8	1 57 31.29	− 4.01	+ 8 37 9.0	−17.1
25	B. D.+13°333........	9	1 34.46	+ 0.10	− 4.01	335 7 52.58	48.030	+ 3.23	− 26.7	2 1 30.55	− 4.15	+14 7 34.6	−16.9
26	B. D.+ 6°331........	9	3 58.39	+ 0.06	− 4.01	327 33 52.75	47.388	+ 3.23	− 36.6	2 3 54.44	− 3.97	+ 6 33 10.2	−16.5
27	B. D.+ 9°280........	9	7 27.56	+ 0.08	− 4.01	330 53 51.45	46.035	+ 3.23	− 32.1	2 7 23.63	− 4.05	+ 9 52 42.5	−16.3
28	67 Ceti..................	9	12 16.42	− 0.01	**− 4.01**	314 9 51.10	45.722	+ 3.23	− 59.4	2 12 12.40	....	− 6 51 52.3	....
29	ξ² Ceti..................	9	23 8.01	+ 0.04	**− 3.99**	329 3 52.02	43.702	+ 3.23	− 34.7	2 23 4.04	....	+ 8 1 47.1	....
30	δ Arietis...............	9	6 13.04	+ 0.13	**− 3.97**	340 23 54.10	43.025	+ 3.23	− 20.6	3 6 9.16	....	+19 21 47.8	....
31	B. D.+23°423........	9	8 28.75	+ 0.15	− 4.01	344 55 51.45	44.238	+ 4.66	− 15.6	3 8 24.89	− 4.49	+23 54 19.3	− 9.6
32	ζ Arietis...............	9	9 27.68	+ 0.14	**− 3.99**	341 41 53.30	46.935	+ 3.23	− 19.1	3 9 23.81	....	+20 41 18.1	....
33	B. D.+24°464........	5	12 29.44	+ 0.15	− 4.01	345 33 53.95	42.195	+ 3.23	− 14.9	3 12 25.58	− 4.51	+24 31 34.4	− 9.0
34	B. D.+16°423........	9	14 38.40	+ 0.12	− 4.01	338 9 54.22	46.368	+ 3.23	− 23.1	3 14 34.51	− 4.26	+17 9 1.8	− 9.5
35	B. D.+24°481........	9	18 43.02	+ 0.15	− 4.01	345 23 52.60	46.035	+ 3.23	− 15.0	3 18 39.16	− 4.50	+24 23 0.7	− 8.3
36	B. D.+18°484........	9	21 39.14	+ 0.12	− 4.01	339 27 52.15	41.585	+ 3.23	− 21.7	3 21 35.25	− 4.30	+18 25 11.8	− 8.6
37	B. D.+24°503........	9	25 38.13	+ 0.16	− 4.01	345 57 53.40	42.392	+ 3.23	− 14.4	3 25 34.28	− 4.52	+24 55 38.8	− 7.4
38	B. D.+13°568........	9	28 6.27	+ 0.10	− 4.01	334 29 51.95	42.592	+ 3.23	− 27.6	3 28 2.36	− 4.14	+13 27 28.7	− 8.5
39	B. D.+23°483........	9	32 6.82	+ 0.15	− 4.01	344 57 54.35	44.902	+ 3.23	− 15.5	3 32 2.96	− 4.48	+23 56 36.0	− 6.8
40	B. D.+17°601........	9	34 7.75	+ 0.12	− 4.01	339 5 52.62	45.232	+ 3.23	− 22.1	3 34 3.86	− 4.27	+18 4 35.3	− 7.3
41	B. D.+20°621........	9	38 57.65	+ 0.14	− 4.01	341 37 53.20	47.445	+ 3.23	− 19.2	3 38 53.78	− 4.35	+20 37 29.0	− 6.4
42	B. D.+24°553........	7	40 15.93	+ 0.15	− 4.01	345 15 53.55	46.678	+ 3.23	− 15.2	3 40 12.07	− 4.48	+24 15 16.1	− 5.8
43	B. D.+23°556........	5	43 19.30	+ 0.15	− 4.01	344 33 54.72	47.930	+ 3.23	− 15.9	3 43 15.44	− 4.44	+23 33 45.2	− 5.6
	November 2, Br.												
44	51 H. Cephei............	7	55 44.00	+ 5.75	− 1.80	48 11 56.12	44.112	+ 3.54	+1 4.9	6 55 47.95	....	+87 11 39.9	....
45	λ Ursæ Minoris s. p. ...	7	18 7.47	−15.65	− 1.80	51 59 53.00	44.351	+ 3.54	+1 14.4	19 17 50.02	....	+89 0 7.1	....
46	χ Geminorum..........	7	57 38.61	+ 0.26	**− 1.81**	349 3 51.52	47.680	+ 3.54	− 11.2	7 57 37.09	....	+28 3 41.3	....
47	3 H. Ursæ Majoris......	7	3 15.90	+ 0.86	− 1.78	29 45 54.58	44.088	+ 3.54	+ 33.3	8 3 14.98	....	+68 45 6.7	....
48	20 Puppis................	7	8 56.95	− 0.03	− 1.78	305 31 48.28	46.892	+ 3.54	−1 21.0	8 8 55.14	....	−15 29 49.5	....
49	31 Lyncis................	7	16 16.71	+ 0.39	− 1.78	4 29 51.78	46.688	+ 3.54	+ 4.6	8 16 15.32	....	+43 29 34.6	....
50	30 Monocerotis..........	7	20 53.33	+ 0.06	**− 1.79**	317 25 49.08	46.438	+ 3.54	− 53.2	8 20 51.62	....	− 3 35 31.5	....
51	110 B. Lyncis.............	7	26 41.41	+ 0.34	− 1.77	359 21 52.35	44.318	+ 3.54	− 0.6	8 26 39.98	....	+38 20 35.8	....
52	212 H¹. Draconis s. p.	7	30 29.13	− 0.71	− 1.77	68 45 53.52	44.607	+ 3.54	+2 28.8	20 30 26.65	....	+72 12 46.8	....
53	γ Cancri.................	7	37 44.86	+ 0.22	**− 1.76**	342 49 50.40	45.558	+ 3.54	− 17.9	8 37 43.31	....	+21 48 45.0	....
54	ε Hydræ..................	7	41 42.75	+ 0.12	**− 1.75**	327 47 49.58	45.185	+ 3.54	− 36.5	8 41 41.10	....	+ 6 46 17.3	....
55	ζ Hydræ..................	7	50 20.32	+ 0.12	**− 1.73**	327 19 48.60	46.285	+ 3.54	− 37.1	8 50 18.68	....	+ 6 18 40.6	....
56	κ Ursæ Majoris..........	7	57 4.67	+ 0.43	− 1.76	8 33 50.62	42.413	+ 3.54	+ 8.8	8 57 3.34	....	+47 31 59.9	....
57	κ Cancri.................	7	2 33.90	+ 0.15	**− 1.78**	332 3 47.28	47.630	+ 3.54	− 30.6	9 2 32.29	....	+11 3 16.5	....
58	[illegible] Hydræ..................	7	9 23.29	+ 0.10	**[− 1.74]**	323 43 47.42	47.985	+ 3.54	− 42.4	9 9 21.63	....	+ 2 43 13.0	....
59	40 Lyncis................	7	15 12.95	+ 0.31	− 1.76	355 49 49.72	42.485	+ 3.54	− 4.2	9 15 11.50	....	+34 47 47.7	....
60	α Hydræ..................	7	22 53.39	+ 0.02	**[− 1.76]**	312 47 47.05	44.618	+ 3.54	−1 2.4	9 22 51.66	....	− 8 14 24.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 0 49	29.995	51.3	53.4
1 13	......	....	54.2
1 40	29.99	50.3	51.0
2 0	......	....	52.0
2 24	29.99	49.8	51.2
3 4	29.985	49.6	51.1
3 30	......	....	51.1
2 7 0	29.95	50.8	49.5
7 58	[illegible]	50.4	49.0
8 [illegible]	......	....	49.8
9 3	[illegible]	50.9	50.4

Micrometer bisections are made at II, VI, except as noted below.

22, 32, 54. Bisections at VI, VII.
27. Bisections at II, VII.
41. Bisections at I, II.
44, 47, 52. Bisections at III, IV, V.
45. Bisections at b_4, b_5, b_6, b_8.
48, 60. Bisections at II, VI, VII.
56. Bisections at II, III, IV.

Notes.

1. Ill defined and hazy.
1–60. Conditions rather poor.
31. Two microscopes used.
48, 50, 52, 58, 60. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ο Leonis	7	36 2.43	+ 0.15	[− **1.75**]	331 21 47.38	43.728	+ 3.54	− 31.6	9 36 0.83	.....	+10 19 46.5	....
2	Venus II, S.	7	44 53.46	+ 0.08	− 1.69	321 57 48.80	46.976	+ 3.88	− 44.7	11 44 51.85	− 1.15	+ 0 56 49.4	....
3	Mercury C, C.	7	50 32.02	0.00	− 1.65	311 17 44.88	43.780	+ 4.39	−1 4.0	13 50 30.37	− 0.01	− 9 44 46.6	....
	November 3, Br.												
4	Sun I, N.	7	29 38.81	− 0.04	− 1.64	306 27 43.42	43.772	+ 4.39	−1 15.7	14 29 37.13	+67.00	−14 35 0.1	....
5	Sun II, S.	7	31 52.81	− 0.04	− 1.64	305 55 45.50	42.933	+ 4.39	−1 17.2	14 31 51.13	−67.00	−15 7 17.8	....
6	ν Aquarii	7	4 23.01	− 0.07	− **1.53**	309 15 58.40	46.628	+ 4.89	−1 8.4	21 4 21.45	.....	−11 45 31.6	....
7	υ Cygni	7	13 59.55	+ 0.22	− 1.49	355 30 1.65	47.568	+ 4.89	− 4.3	21 13 58.28	− 2.54	+34 29 57.1	−34.8
8	B. A. C. 7504	4	18 57.88	+ 4.26	− 1.49	47 38 4.50	46.955	+ 4.89	+1 1.7	21 19 0.65	.....	+86 38 51.8	....
9	358 B. Cygni	7	28 15.72	+ 0.38	− 1.49	13 12 3.38	47.298	+ 4.89	+ 13.3	21 28 14.61	− 2.66	+52 12 9.8	−37.9
10	89 B. Ursæ Majoris S. P.	7	34 1.65	− 0.57	− 1.48	71 18 7.02	44.912	+ 4.89	+2 44.9	9 33 59.60	− 2.37	+69 40 8.9	+34.8
11	ε Pegasi	7	39 29.61	+ 0.06	− **1.50**	330 28 0.82	44.455	+ 4.89	− 31.8	21 39 28.19	.....	+ 9 26 17.7	....
12	μ Capricorni	7	48 5.15	− 0.09	− **1.58**	307 1 58.05	45.228	+ 4.89	−1 14.2	21 48 3.58	.....	−14 0 9.7	....
13	134 G. Capricorni	7	53 23.96	− 0.15	− 1.48	299 23 58.70	45.515	+ 4.89	−1 39.2	21 53 22.33	− 2.99	−21 38 27.8	−17.9
14	16 Cephei	7	57 56.25	+ 0.87	− 1.48	33 44 4.85	45.125	+ 4.89	+ 37.6	21 57 55.64	− 3.69	+72 43 46.3	−38.8
15	μ Piscis Australis	7	2 48.50	− 0.26	− 1.47	287 35 58.72	46.140	+ 4.89	−2 54.6	22 2 46.77	− 3.08	−33 27 28.5	−14.1
16	λ Cephei	7	8 17.37	+ 0.49	− 1.47	19 58 3.70	43.420	+ 4.89	+ 20.5	22 8 16.39	− 3.44	+58 56 49.0	−38.1
17	ρ Aquarii	7	15 10.36	− 0.05	− 1.47	312 43 59.30	44.722	+ 4.89	−1 0.8	22 15 8.84	− 3.05	− 8 18 6.7	−22.6
18	3 Lacertæ	7	19 49.26	+ 0.38	− 1.47	12 46 4.85	44.805	+ 4.89	+ 12.8	22 19 48.17	.....	+51 45 14.3	....
19	σ Aquarii	7	25 35.54	− 0.07	− **1.45**	309 51 59.60	45.005	+ 4.89	−1 7.3	22 25 34.00	.....	−11 10 6.3	....
20	κ Aquarii	7	32 48.70	− 0.03	− 1.46	316 17 58.85	46.568	+ 4.89	− 53.7	22 32 47.21	− 3.13	− 4 43 18.1	−23.7
21	ζ Pegasi	7	36 42.08	+ 0.06	− **1.46**	331 22 0.35	43.582	+ 4.89	− 30.8	22 36 40.68	.....	+10 19 58.3	....
22	λ Pegasi	7	41 56.16	+ 0.14	− **1.48**	344 4 0.58	47.830	+ 4.89	− 16.1	22 41 54.84	.....	+23 3 50.2	....
23	γ Piscis Australis	7	47 13.11	− 0.26	− 1.46	287 39 58.62	47.021	+ 4.89	−2 54.8	22 47 11.39	− 3.19	−33 23 8.7	−14.6
24	36 H. Cephei	7	55 22.07	+ 2.36	− 1.46	44 50 5.00	45.605	+ 4.89	+ 56.4	22 55 22.97	−11.36	+83 50 16.3	−36.0
25	A Piscium	7	3 47.64	+ 0.01	− 1.45	322 38 0.45	45.325	+ 4.89	− 43.2	23 3 46.20	− 3.31	+ 1 36 25.8	−25.2
26	φ Aquarii	7	9 22.86	− 0.04	− **1.57**	314 28 0.68	45.015	+ 4.89	− 57.6	23 9 21.37	.....	− 6 33 55.4	....
27	ο Cephei	7	14 44.67	+ 0.67	− 1.45	28 36 4.85	44.640	+ 4.89	+ 31.0	23 14 43.89	.....	+67 35 28.5	....
28	4 Cassiopeiæ	7	20 37.45	+ 0.53	− 1.45	22 46 4.25	45.355	+ 4.89	+ 23.9	23 20 36.53	.....	+61 45 37.2	....
29	248 G. Aquarii	7	30 36.74	− 0.05	− 1.44	313 2 0.42	45.740	+ 4.89	−1 0.6	23 30 35.25	− 3.36	− 7 59 42.1	−21.9
30	ι Piscium	7	35 2.63	+ 0.03	− **1.49**	326 8 0.60	45.188	+ 4.89	− 38.0	23 35 1.22	.....	+ 5 6 28.0	....
31	ψ Andromedæ	7	41 19.03	+ 0.31	− 1.44	6 54 3.35	45.745	+ 4.89	+ 6.9	23 41 17.90	− 4.38	+45 53 28.4	−32.2
32	φ Pegasi	7	47 38.24	+ 0.11	− **1.50**	339 36 0.90	46.825	+ 4.89	− 21.0	23 47 36.91	.....	+18 35 22.7	....
	November 3, Ei.-Y.												
33	δ Piscium	7	43 44.03	+ 0.05	− **1.32**	328 5 59.55	43.438	+ 4.73	− 35.3	0 43 42.79	.....	+ 7 3 49.5	....
34	20 Ceti	7	48 7.99	0.00	− **1.32**	319 21 58.95	44.765	+ 4.73	− 48.7	0 48 6.70	.....	− 1 39 54.1	....
35	B. D.+ 4°157	7	56 36.07	+ 0.04	− 1.28	325 37 58.60	47.072	+ 4.73	− 38.8	0 56 34.83	− 3.80	+ 4 37 8.1	−21.0
36	26 Ceti	7	58 54.54	+ 0.02	− 1.28	321 51 59.85	47.348	+ 4.73	− 44.5	0 58 53.28	− 3.75	+ 0 51 10.0	−20.2
37	B. D.+15°159	7	1 19.27	+ 0.11	− 1.28	336 49 59.40	43.610	+ 4.73	− 24.3	1 1 18.10	− 4.03	+15 48 4.3	−22.2
38	B. D.+ 9°132	7	3 22.64	+ 0.06	− 1.28	330 23 58.78	48.475	+ 4.73	− 32.2	1 3 21.42	− 3.91	+ 9 23 47.0	−21.2
39	B. D.+ 7°181	7	6 44.31	+ 0.06	− 1.28	329 5 59.10	44.320	+ 4.73	− 34.0	1 6 43.09	− 3.89	+ 8 4 10.5	−20.8
40	B. D.+ 6°181	7	9 44.72	+ 0.05	− 1.28	327 29 58.60	47.350	+ 4.73	− 36.1	1 9 43.49	− 3.87	+ 6 29 17.2	−20.4
41	B. D.+15°185	7	12 24.36	+ 0.11	− 1.28	336 51 59.60	45.910	+ 4.73	− 24.2	1 12 23.19	− 4.08	+15 50 57.1	−21.5
42	B. D.+ 2°196	7	17 22.93	+ 0.03	− 1.28	324 1 59.58	46.560	+ 4.73	− 41.2	1 17 21.68	− 3.83	+ 3 0 55.0	−19.4
43	B. D.+14°213	7	18 56.08	+ 0.10	− 1.28	335 49 59.30	44.320	+ 4.73	− 25.5	1 18 54.90	− 4.08	+14 48 19.2	−20.7
44	B. D.+ 6°228	7	24 4.39	+ 0.05	− 1.27	327 49 58.40	43.828	+ 4.73	− 35.7	1 24 3.17	− 3.92	+ 6 47 56.9	−19.4
45	B. D.+15°227	7	26 48.03	+ 0.10	− 1.27	336 35 59.62	41.950	+ 4.73	− 24.6	1 26 46.86	− 4.12	+15 33 26.3	−20.1
46	B. D.+13°238	7	29 49.34	+ 0.09	− 1.27	334 53 58.60	47.942	+ 4.73	− 26.6	1 29 48.16	− 4.09	+13 53 39.9	−19.7
47	B. D.+ 6°244(*south*)	7	31 3.34	+ 0.05	− 1.27	328 9 59.70	47.215	+ 4.73	− 35.2	1 31 2.12	− 3.94	+ 7 9 16.1	−18.9
48	B. D.+15°244	7	34 6.86	+ 0.11	− 1.27	337 9 59.12	44.302	+ 4.73	− 23.9	1 34 5.70	− 4.16	+16 8 20.2	−19.5
49	B. D.+15°251	7	37 18.69	+ 0.10	− 1.27	336 19 59.32	42.610	+ 4.73	− 24.9	1 37 17.52	− 4.14	+15 17 40.8	−19.2
50	ο Piscium	7	40 21.38	+ 0.06	− **1.20**	329 41 58.42	45.212	+ 4.73	− 33.2	1 40 20.17	.....	+ 8 40 31.1	....
51	Moon I, S.	7	43 47.08	+ 0.06	− 1.27	329 7 59.25	45.085	+ 4.73	− 33.9	1 43 45.87	+65.34	+ 8 6 28.3	....
52	B. D.+14°298	7	48 5.23	+ 0.10	− 1.27	335 57 59.35	47.655	+ 4.73	− 25.3	1 48 4.06	− 4.16	+14 57 35.7	−18.2
53	B. D.+13°296	7	49 39.76	+ 0.09	− 1.27	334 17 57.82	46.645	+ 4.73	− 27.3	1 49 38.58	− 4.12	+13 17 9.1	−17.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 9 36	29.97	51.2	50.9
11 45	30.00	56.6	56.8
13 51	30.005	64.2	65.2
3 14 32	30.00	65.5	67.0
21 4	29.95	63.6	66.1
21 39	29.95	63.0	65.8
22 12	......	....	65.1
22 47	......	....	62.7
23 4	29.95	60.2	61.0
23 48	29.95	59.3	61.0
0 42	29.95	58.4	59.9
1 8	......	....	59.8
1 35	29.95	57.9	59.3

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 15, 23.	Bisections at I, II, VI, VII.
3.	Bisections at I, II, VI.
4.	Bisections at I, II, III.
5.	Bisections at V, VI, VII.
8, 24.	Bisections at b_5, b_6, b_9.
9, 13, 20, 46.	Bisections at I, II.
10, 14.	Bisections at III, IV, V.
16.	Bisections at II, IV.
18, 31.	Bisections at III, V.
19, 50.	Bisections at II, VI, VII.
27.	Bisections at II, III, V.
28.	Bisections at II, III, IV.
51.	Bisections at II, III, IV, V, VI.

Notes.

1. Unsteady.
8. Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
2	+ 10.9	+ 17.3	...	+ 28.2
3	+ 5.0	.. ....	+ 0.1	+ 5.1
4	+ 7.1	−16 8.8	...	−16 1.7
5	+ 7.2	+16 8.8	...	+16 16.0
51	+29 0.8	+15 34.0	...	+44 34.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 9°253	7	55 18.19	+ 0.07	− 1.26	331 9 58.40	48.730	+ 4.73	− 31.3	1 55 17.00	− 4.06	+10 9 53.3	−17.3
2	B. D.+10°275	7	57 52.24	+ 0.07	− 1.26	331 33 58.12	47.420	+ 4.73	− 30.8	1 57 51.05	− 4.08	+10 33 23.6	−17.0
3	B. D.+ 9°271	7	1 35.04	+ 0.07	− 1.26	331 3 59.22	41.645	+ 4.73	− 31.5	2 1 33.85	− 4.07	+10 1 12.0	−16.7
4	B. D.+16°247	7	4 8.70	+ 0.11	− 1.26	337 47 59.35	44.623	+ 4.73	− 23.2	2 4 7.55	− 4.25	+16 46 28.6	−16.8
5	B. D.+20°348	7	7 27.65	+ 0.13	− 1.26	341 46 0.92	47.395	+ 4.73	− 18.7	2 7 26.52	− 4.37	+20 45 37.9	−16.5
6	B. D.+10°306	7	10 46.03	+ 0.08	− 1.26	331 55 58.08	45.890	+ 4.73	− 30.4	2 10 44.85	− 4.11	+10 54 49.0	−16.0
7	B. D.+19°342	7	13 50.54	+ 0.12	− 1.26	340 16 1.50	45.605	+ 4.73	− 20.5	2 13 49.40	− 4.34	+19 14 55.8	−15.9
8	B. D.+15°329	7	16 36.19	+ 0.11	− 1.26	336 46 0.35	41.915	+ 4.73	− 24.5	2 16 35.04	− 4.24	+15 43 26.3	−15.6
9	B. D.+19°355	7	20 26.09	+ 0.13	− 1.25	340 52 1.00	45.500	+ 4.73	− 19.8	2 20 24.97	− 4.37	+19 50 53.5	−15.2
10	B. D.+10°330	7	25 20.84	+ 0.08	− 1.25	331 39 58.40	44.045	+ 4.73	− 30.8	2 25 19.67	− 4.12	+10 38 6.7	−14.6
11	B. D.+10°340	7	29 16.82	+ 0.08	− 1.25	332 11 59.18	46.400	+ 4.73	− 30.1	2 29 15.65	− 4.14	+11 11 2.0	−14.2
12	B. D.+11°360	7	31 25.77	+ 0.08	− 1.25	333 3 59.00	43.350	+ 4.73	− 29.0	2 31 24.60	− 4.16	+12 1 53.2	−14.1
13	B. D.+ 8°407	7	33 54.14	+ 0.06	− 1.25	329 31 58.28	44.750	+ 4.73	− 33.5	2 33 52.95	− 4.08	+ 8 30 20.0	−13.8
14	B. D.+16°330	7	37 2.66	+ 0.11	− 1.25	337 33 58.38	45.920	+ 4.73	− 23.5	2 37 1.52	− 4.29	+16 32 56.8	−13.5
15	B. D.+13°442	7	39 48.76	+ 0.09	− 1.25	334 51 59.48	43.372	+ 4.73	− 26.7	2 39 47.60	− 4.22	+13 49 56.5	−13.3
16	B. D.+17°442	7	43 11.09	+ 0.12	− 1.25	338 53 59.68	46.000	+ 4.73	− 22.0	2 43 9.96	− 4.34	+17 53 1.5	−12.8
17	σ Arietis	7	46 13.55	+ 0.10	− **1.26**	335 41 59.12	46.620	+ 4.73	− 25.7	2 46 12.40	....	+14 41 11.4	....
18	ξ Tauri	7	21 59.90	+ 0.07	− **1.17**	330 25 59.70	43.365	+ 4.73	− 32.3	3 21 58.74	....	+ 9 23 51.0	....
19	B. D.+19°547	7	24 59.68	+ 0.13	− 1.23	340 48 1.20	44.370	+ 4.73	− 19.8	3 24 58.58	− 4.41	+19 46 27.6	− 8.3
20	B. D.+23°463	7	26 23.18	+ 0.15	− 1.23	344 21 59.68	40.890	+ 4.73	− 15.9	3 26 22.10	− 4.53	+23 19 10.8	− 7.8
21	ε Eridani	7	28 26.54	− 0.05	− **1.25**	311 13 57.38	47.885	+ 4.73	−1 4.8	3 28 25.26	....	− 9 47 0.5	....
22	B. D.+19°562	7	30 53.44	+ 0.13	− 1.23	340 46 0.08	45.725	+ 4.73	− 19.8	3 30 52.34	− 4.40	+19 44 57.8	− 7.6
23	B. D.+13°579	7	33 58.51	+ 0.09	− 1.23	334 36 0.38	45.642	+ 4.73	− 27.0	3 33 57.37	− 4.21	+13 34 49.0	− 7.8
24	B. D.+23°516	7	40 8.75	+ 0.15	− 1.23	345 4 1.22	48.230	+ 4.73	− 15.2	3 40 7.67	− 4.55	+24 4 0.7	− 6.1
25	η Tauri	7	41 48.65	+ 0.15	− **1.24**	344 50 0.02	44.162	+ 4.73	− 15.4	3 41 47.57	....	+23 48 26.4	....
26	B. D.+19°600	7	44 24.09	+ 0.12	− 1.23	340 18 1.85	44.145	+ 4.73	− 20.4	3 44 22.98	− 4.38	+19 16 22.8	− 6.2
27	B. D.+12°516	7	45 57.91	+ 0.09	− 1.23	333 45 58.60	47.135	+ 4.73	− 28.0	3 45 56.77	− 4.17	+12 45 20.6	− 6.6
28	B. D.+18°562	7	51 31.35	+ 0.12	− 1.22	339 33 59.85	47.490	+ 4.73	− 21.2	3 51 30.25	− 4.34	+18 33 36.5	− 5.5
29	B. D.+22°617	7	55 16.52	+ 0.15	− 1.22	343 55 59.90	47.792	+ 4.73	− 16.4	3 55 15.45	− 4.49	+22 55 48.2	− 4.5
30	B. D.+23°609	7	58 39.00	+ 0.15	− 1.22	344 52 0.58	44.125	+ 4.73	− 15.4	3 58 37.93	− 4.52	+23 50 26.1	− 4.0
31	B. D.+27°633	7	0 44.94	+ 0.17	− 1.22	348 19 59.35	49.160	+ 4.73	− 11.7	4 0 43.89	− 4.65	+27 20 23.6	− 3.2
32	B. D.+16°560	7	2 31.39	+ 0.12	− 1.22	338 6 0.42	45.750	+ 4.73	− 22.9	4 2 30.29	− 4.28	+17 4 55.8	− 4.4
33	p Tauri	7	5 0.92	+ 0.17	− 1.22	347 13 59.90	47.465	+ 4.73	− 12.9	4 4 59.87	− 4.60	+26 13 44.4	− 2.9
34	B. D.+22°649	7	7 11.49	+ 0.14	− 1.22	343 10 0.00	48.150	+ 4.73	− 17.2	4 7 10.41	− 4.44	+22 9 55.7	− 3.2
35	B. D.+16°579	7	14 26.89	+ 0.11	− 1.22	337 18 0.10	47.058	+ 4.73	− 23.8	4 14 25.78	− 4.23	+16 17 24.5	− 3.3
36	δ Tauri	7	17 25.71	+ 0.12	− **1.19**	338 19 59.42	45.908	+ 4.73	− 22.6	4 17 24.61	....	+17 18 58.5	....
37	B. D.+21°642	7	19 40.64	+ 0.14	− 1.22	343 6 0.02	44.065	+ 4.73	− 17.3	4 19 39.56	− 4.41	+22 4 22.3	− 1.8
38	B. D.+14°702	7	22 58.81	+ 0.10	− 1.21	335 31 59.28	47.655	+ 4.73	− 25.9	4 22 57.70	− 4.16	+14 31 35.0	− 2.6
39	B. D.+27°662	7	24 23.04	+ 0.18	− 1.21	348 56 1.90	45.660	+ 4.73	− 11.1	4 24 22.01	− 4.62	+27 55 7.0	− 0.3
40	B. D.+15°645	7	26 24.44	+ 0.11	− 1.21	336 39 59.60	45.178	+ 4.73	− 24.6	4 26 23.34	− 4.19	+15 38 40.2	− 2.1
41	B. D.+19°742	7	30 6.61	+ 0.13	− 1.21	340 42 0.95	45.655	+ 4.73	− 20.0	4 30 5.53	− 4.30	+19 40 56.8	− 1.0
42	B. D.+20°785	7	32 37.74	+ 0.13	− 1.21	341 29 59.92	46.940	+ 4.73	− 19.1	4 32 36.66	− 4.32	+20 29 26.1	− 0.6
43	B. D.+15°666	7	33 48.75	+ 0.11	− 1.21	336 43 59.15	47.643	+ 4.73	− 24.5	4 33 47.65	− 4.17	+15 43 36.1	− 1.3
44	B. D.+21°686	7	36 19.12	+ 0.14	− 1.21	342 19 59.92	46.680	+ 4.73	− 18.2	4 36 18.05	− 4.34	+21 19 21.0	− 0.1
45	B. D.+23°739	7	39 56.44	+ 0.15	− 1.21	344 28 1.58	45.600	+ 4.73	− 15.9	4 39 55.38	− 4.40	+23 27 0.3	+ 0.7
46	B. D.+18°734	7	43 6.62	+ 0.12	− 1.21	339 33 59.20	45.655	+ 4.73	− 21.3	4 43 5.53	− 4.22	+18 32 53.8	+ 0.2
47	B. D.+24°709	7	50 26.41	+ 0.16	− 1.20	345 28 1.42	43.575	+ 4.73	− 14.8	4 50 25.37	− 4.40	+24 26 15.0	+ 2.1
48	B. D.+15°713	7	54 15.51	+ 0.11	− 1.20	336 47 59.45	44.108	+ 4.73	− 24.6	4 54 14.42	− 4.11	+15 46 15.4	+ 0.8
49	B. D.+21°755	7	58 40.04	+ 0.14	− 1.20	342 9 59.68	44.482	+ 4.73	− 18.4	4 58 38.98	− 4.26	+21 8 30.4	+ 2.3
50	B. D.+18°779	7	1 48.19	+ 0.12	− 1.20	339 31 59.72	45.638	+ 4.73	− 21.4	5 1 47.11	− 4.16	+18 30 53.8	+ 2.1
51	B. D.+24°772	7	4 52.89	+ 0.16	− 1.20	346 2 0.92	46.722	+ 4.73	− 14.2	5 4 51.85	− 4.37	+25 1 27.0	+ 3.8
52	B. D.+22°864	5	9 43.04	+ 0.14	− 1.20	343 11 59.62	44.165	+ 4.73	− 17.3	5 9 41.98	− 4.25	+22 10 24.2	+ 3.7
53	B. D.+19°893	7	13 35.52	+ 0.13	− 1.20	341 4 0.42	43.050	+ 4.73	− 19.6	5 13 34.45	− 4.16	+20 1 57.2	+ 3.7
54	B. D.+20°948	7	19 29.57	+ 0.13	− 1.20	341 32 0.20	42.290	+ 4.73	− 19.1	5 19 28.50	− 4.16	+20 29 40.1	+ 4.4
55	B. D.+23°916	7	22 7.47	+ 0.15	− 1.19	344 13 58.68	44.818	+ 4.73	− 16.1	5 22 6.43	− 4.23	+23 12 39.3	+ 5.2
56	B. D.+19°946	7	26 7.86	+ 0.13	− 1.19	340 29 58.02	44.970	+ 4.73	− 20.2	5 26 6.80	− 4.10	+19 28 37.8	+ 4.8
57	B. D.+22°949	7	29 9.75	+ 0.14	− 1.19	343 31 58.88	43.445	+ 4.73	− 16.9	5 29 8.70	− 4.18	+22 30 7.4	+ 5.8
58	B. D.+19°986	7	31 55.21	+ 0.13	− 1.19	340 43 58.65	46.282	+ 4.73	− 19.9	5 31 54.15	− 4.08	+19 43 9.0	+ 5.4
59	ζ Orionis	7	35 56.58	0.00	− **1.16**	319 1 59.80	45.540	+ 4.73	− 49.5	5 35 55.39	....	− 1 59 36.4	....
60	κ Orionis	7	43 13.97	− 0.05	− **1.18**	311 19 55.82	44.728	+ 4.73	−1 4.8	5 43 12.73	....	− 9 42 14.2	....
61	Neptune C, C	7	24 59.69	+ 0.16	− 1.17	343 16 1.28	44.819	+ 4.75	− 17.2	6 24 58.68	....	+22 14 40.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 1 53	......	....	58.8
2 18	29.94	56.1	56.1
2 39	......	....	57.5
2 47	29.94	56.2	58.1
3 19	29.94	57.0	58.3
3 48	......	....	57.5
4 16	29.93	56.5	57.0
4 38	......	....	56.0
4 56	29.925	55.1	54.1
5 18	......	....	55.0
5 45	29.92	55.0	57.0
6 28	29.91	55.0	55.3

Micrometer bisections are made at II, VI, except as noted below.

4, 43.	Bisections at II, VI, VII.
19.	Bisections at I, II.
27, 32, 33, 35, 39, 40.	Bisections at VI, VII.
56.	Bisection at II.
61.	Bisections at I, II, VI, VII.

Notes.

2.	Unsteady.
7–21, 40–60.	Images poor.
19.	Micrometer reading increased 1 rev.
20.	Micrometer reading decreased 8 rev.
22–39.	Images fair.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
61	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	November 3, R.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	φ Geminorum	7	47 38.08	+ 0.19	**− 1.13**	348 2 2.55	44.718	+ 4.45	− 12.1	7 47 37.07	.....	+27 0 44.6	....
2	χ Geminorum	7	57 38.03	+ 0.19	**− 1.13**	349 3 59.32	47.280	+ 4.41	− 11.1	7 57 37.03	.....	+28 3 41.1	....
3	ζ Cancri	7	6 43.04	+ 0.13	− 1.19	338 57 58.22	43.830	+ 4.38	− 22.1	8 6 41.98	.....	+17 56 10.0	....
4	χ Cancri	7	14 14.58	+ 0.19	− 1.19	348 33 59.92	41.865	+ 4.35	− 11.6	8 14 13.58	− 3.15	+27 31 37.2	+20.4
5	30 Monocerotis	7	20 52.81	0.00	**− 1.18**	317 25 57.00	46.028	+ 4.33	− 52.9	8 20 51.62	.....	− 3 35 31.8	....
6	110 B. Lyncis	7	26 40.90	+ 0.27	− 1.18	359 22 0.10	43.930	+ 4.30	− 0.6	8 26 39.99	.....	+38 20 35.5	....
7	δ Hydræ	7	32 35.22	+ 0.06	− 1.18	327 3 57.05	44.960	+ 4.28	− 37.3	8 32 34.10	.....	+ 6 2 19.3	....
8	γ Cancri	7	37 44.31	+ 0.16	**− 1.11**	342 49 58.22	45.175	+ 4.26	− 17.8	8 37 43.29	.....	+21 48 44.9	....
9	ζ Hydræ	7	50 19.79	+ 0.06	**− 1.11**	327 19 57.00	45.880	+ 4.22	− 36.9	8 50 18.67	.....	+ 6 18 40.6	....
10	κ Cancri	7	2 33.32	+ 0.09	**[− 1.11]**	332 3 57.28	47.140	+ 4.17	− 30.4	9 2 32.24	.....	+11 3 16.2	....
11	θ Hydræ	7	9 22.78	+ 0.04	**− 1.14**	323 43 57.38	47.490	+ 4.15	− 42.1	9 9 21.65	.....	+ 2 43 12.6	....
12	40 Lyncis	7	15 12.47	+ 0.24	− 1.17	355 49 58.42	42.012	+ 4.13	− 4.1	9 15 11.54	.....	+34 47 46.3	....
13	α Hydræ	7	22 52.83	− 0.03	**[− 1.12]**	312 47 55.70	44.115	+ 4.10	−1 1.9	9 22 51.63	.....	− 8 14 26.0	....
14	Venus II, S	7	47 48.24	+ 0.08	− 1.12	321 49 56.85	42.625	+ 4.62	− 45.2	11 47 47.20	− 1.14	+ 0 47 18.3	....
	November 4, R.												
15	Sun I, N	7	33 34.59	+ 0.01	− 1.07	306 7 59.18	46.182	+ 5.43	−1 16.5	14 33 33.53	+67.07	−14 53 49.0	....
16	Sun II, S	7	35 48.74	+ 0.01	− 1.07	305 35 58.75	45.548	+ 5.43	−1 18.0	14 35 47.68	−67.08	−15 26 4.5	....
17	89 B. Ursæ Majoris s. P.	7	34 1.12	− 0.60	− 0.93	71 18 1.18	45.178	+ 5.44	+2 44.4	9 33 59.59	− 2.44	+69 40 8.3	+34.9
18	δ Capricorni	7	41 45.28	− 0.08	**− 0.97**	304 27 55.35	46.748	+ 5.44	−1 21.2	21 41 44.27	.....	−16 33 44.2	....
19	μ Capricorni	7	48 4.47	− 0.06	**− 0.94**	307 1 53.92	45.348	+ 5.44	−1 14.0	21 48 3.48	.....	−14 0 10.1	....
20	16 Cephei	7	57 55.65	+ 0.92	− 0.92	33 43 59.18	45.395	+ 5.44	+ 37.5	21 57 55.65	− 3.64	+72 43 46.4	−39.0
21	27 Pegasi	7	4 59.45	+ 0.23	− 0.92	353 43 55.92	44.030	+ 5.44	− 6.1	22 4 58.76	− 3.05	+32 42 28.9	−34.4
22	32 Ursæ Majoris s. P.	7	11 2.60	− 0.45	− 0.92	75 22	......	....	. ....	10 11 1.23	.....	+65 34	....
23	ρ Aquarii	7	15 9.71	− 0.02	− 0.92	312 43 54.32	44.878	+ 5.44	−1 0.5	22 15 8.77	− 3.03	− 8 18 7.2	−22.6
24	π Aquarii	7	20 23.34	+ 0.04	**− 0.90**	321 55 53.58	43.250	+ 5.44	− 43.8	22 20 22.46	.....	+ 0 53 31.7	....
25	σ Aquarii	7	25 34.96	− 0.04	**− 0.91**	309 51 53.38	45.228	+ 5.44	−1 7.0	22 25 34.00	.....	−11 10 6.7	....
26	κ Aquarii	7	32 48.07	0.00	− 0.91	316 17 54.32	46.690	+ 5.44	− 53.5	22 32 47.16	− 3.12	− 4 43 18.9	−23.7
27	λ Pegasi	7	41 55.55	+ 0.17	**− 0.91**	344 3 56.72	47.958	+ 5.44	− 16.0	22 41 54.81	.....	+23 3 49.9	....
28	ι Cephei	7	46 18.35	+ 0.67	− 0.91	26 41 59.22	46.548	+ 5.44	+ 28.3	22 46 18.11	.....	+65 42 4.3	....
29	36 H. Cephei	7	55 21.65	+ 2.49	− 0.91	44 49 59.98	45.925	+ 5.44	+ 55.9	22 55 23.23	−11.21	+83 50 16.3	−36.2
30	A Piscium	7	3 47.01	+ 0.04	− 0.90	322 37 55.90	45.450	+ 5.44	− 42.8	23 3 46.15	− 3.30	+ 1 36 25.1	−25.1
31	φ Aquarii	7	9 22.17	− 0.01	**− 0.92**	314 27 52.12	45.320	+ 5.44	− 57.1	23 9 21.26	.....	− 6 33 56.0	....
32	ο Cephei	7	14 44.01	+ 0.72	− 0.90	28 35 59.52	44.858	+ 5.44	+ 30.7	23 14 43.83	.....	+67 35 28.4	....
33	4 Cassiopeiæ	7	20 36.88	+ 0.57	− 0.90	22 45 56.72	45.680	+ 5.44	+ 23.7	23 20 36.55	.....	+61 45 37.3	....
34	1 H. Cassiopeiæ	7	25 38.15	+ 0.51	− 0.89	19 1 58.52	45.338	+ 5.44	+ 19.5	23 25 37.77	− 4.79	+58 1 27.2	−34.4
35	ι Piscium	7	35 1.98	+ 0.06	**− 0.88**	326 7 54.98	45.365	+ 5.44	− 37.6	23 35 1.15	.....	+ 5 6 27.4	....
36	ψ Andromedæ	7	41 18.42	+ 0.34	− 0.89	6 53 57.55	45.990	+ 5.44	+ 6.9	23 41 17.87	− 4.37	+45 53 28.6	−32.3
37	φ Pegasi	7	47 37.56	+ 0.14	**− 0.85**	339 35 55.60	47.008	+ 5.44	− 20.8	23 47 36.81	.....	+18 35 22.3	....
	November 4, L.												
38	Venus II, S	7	50 46.74	+ 0.04	− 0.79	321 39 59.48	42.074	+ 5.63	− 44.0	11 50 45.99	− 1.12	+ 0 37 10.5	....
39	Mercury I, C	3	2 45.80	− 0.03	− 0.74	309 58 2.58	44.855	+ 6.93	−1 5.4	14 2 45.03	+ 0.20	−11 4 2.9	....
40	Mercury II	5	2 46.22	− 0.03	− 0.74	... .	......	....	. ....	14 2 45.45	− 0.22	.. ..	....
	November 5, L.												
41	Sun I, N	7	37 31.19	− 0.05	− 0.73	305 49 58.32	44.738	+ 6.93	−1 15.7	14 37 30.41	+67.37	−15 12 20.6	....
42	Sun II, S	7	39 45.92	− 0.05	− 0.73	305 17 58.22	43.970	+ 6.93	−1 17.2	14 39 45.14	−67.36	−15 44 38.9	....
	November 5, Br.												
43	Venus II, S	7	53 48.19	+ 0.09	− 0.22	321 28 2.15	45.421	+ 5.32	− 46.9	11 53 48.06	− 1.11	+ 0 26 26.4	....
	November 6, Br.												
44	Sun I, S	7	41 28.61	+ 0.01	− 0.17	304 59 59.25	43.500	+ 5.01	−1 23.7	14 41 28.45	+67.39	−16 2 57.9	....
45	Sun II, N	7	43 43.38	+ 0.01	− 0.17	305 32 1.38	44.192	+ 5.01	−1 22.1	14 43 43.22	−67.38	−15 30 37.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 7 48	29.905	53.8	53.3
8 14	......	....	51.3
8 50	29.89	51.8	52.0
9 23	29.89	53.0	53.6
11 48	29.90	54.9	53.0
4 14 34	29.87	64.5	65.0
21 34	29.74	63.8	63.7
22 1	......	....	63.0
22 30	29.72	62.7	62.2
22 59	......	....	61.9
23 29	......	....	61.1
23 48	29.695	61.1	60.9
11 51	29.485	62.5	61.2
14 3	29.46	67.9	67.8
5 14 38	29.445	68.8	69.1
11 54	29.76	41.1	38.3
6 14 44	29.77	42.7	40.0

Micrometer bisections are made at II, VI, except as noted below.

2, 19, 24, 28, 32.	Bisections at VI, VII.
14, 38, 39, 43.	Bisections at I, II, VI, VII.
15, 41, 44.	Bisections at I, II, III.
16, 42, 45.	Bisections at V, VI, VII.
20, 21, 29.	Bisections at I, II.

Notes.

1–13. Images diffuse and unsteady.
3. Mean of close double observed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+ 10.8	+ 17.0	...	+ 27.8
15	+ 7.1	−16 7.7	...	−16 0.6
16	+ 7.2	+16 7.7	...	+16 14.9
38	+ 10.7	+ 16.8	...	+ 27.5
39	+ 5.0	.. ....	+0.1	+ 5.1
41	+ 7.2	−16 9.2	...	−16 2.0
42	+ 7.2	+16 9.1	...	+16 16.3
43	+ 10.5	+ 16.5	...	+ 27.0
44	+ 7.2	+16 10.3	...	+16 17.5
45	+ 7.2	−16 10.2	...	−16 3.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Capricorni	7	41 44.21	+ 0.04	**− 0.05**	304 28	......	....	. ....	21 41 44.23	.....	−16 33	....
2	μ Capricorni	7	48 3.48	+ 0.06	**− 0.10**	307 2	......	....	. ....	21 48 3.53	.....	−14 0	....
3	134 G. Capricorni	7	53 22.32	− 0.01	− 0.01	299 24	......	....	. ....	21 53 22.30	− 2.94	−21 38	....
4	16 Cephei	7	57 54.50	+ 1.04	− 0.01	33 44	......	....	. ....	21 57 55.53	− 3.51	+72 43	....
5	μ Piscis Australis	7	2 46.85	− 0.12	− 0.01	287 36	......	....	. ....	22 2 46.72	− 3.02	−33 27	....
6	λ Cephei	7	8 15.64	+ 0.66	− 0.01	19 58	......	....	. ....	22 8 16.29	− 3.34	+58 56	....
7	ρ Aquarii	7	15 8.76	+ 0.10	0.00	312 44	......	....	. ....	22 15 8.86	− 3.00	− 8 18	....
8	3 Lacertæ	7	19 47.51	+ 0.55	0.00	12 46	......	....	. ....	22 19 48.06	.....	+51 45	....
9	σ Aquarii	7	25 33.95	+ 0.08	**− 0.05**	309 52	......	....	. ....	22 25 34.03	.....	−11 10	....
10	κ Aquarii	7	32 47.04	+ 0.13	0.00	316 18	......	....	. ....	22 32 47.17	− 3.09	− 4 43	....
11	ζ Pegasi	7	36 40.42	+ 0.23	**− 0.01**	331 22	......	....	. ....	22 36 40.65	.....	+10 19	....
12	λ Pegasi	7	41 54.51	+ 0.31	**− 0.04**	344 4	......	....	. ....	22 41 54.82	.....	+23 3	....
13	γ Piscis Australis	7	47 11.46	− 0.13	+ 0.01	287 40	......	....	. ....	22 47 11.34	− 3.14	−33 23	....
14	36 H. Cephei	7	55 19.83	+ 2.66	+ 0.01	44 50	......	....	. ....	22 55 22.50	−10.91	+83 50	....
15	A Piscium	7	3 45.96	+ 0.17	+ 0.01	322 38	......	....	. ....	23 3 46.14	− 3.27	+ 1 36	....
16	φ Aquarii	7	9 21.16	+ 0.12	**− 0.06**	314 28	......	....	. ....	23 9 21.29	.....	− 6 33	....
17	4 Cassiopeiæ	7	20 35.57	+ 0.75	+ 0.02	22 46	......	....	. ....	23 20 36.34	.....	+61 45	....
18	1 H. Cassiopeiæ	7	25 36.92	+ 0.68	+ 0.02	19 2	......	....	. ....	23 25 37.62	− 4.75	+58 1	....
19	248 G. Aquarii	7	30 35.19	+ 0.11	+ 0.02	313 2	......	....	. ....	23 30 35.30	− 3.33	− 7 59	....
20	ι Piscium	7	35 0.90	+ 0.20	**+ 0.04**	326 8	......	....	. ....	23 35 1.12	.....	+ 5 6	....
21	ψ Andromedæ	7	41 17.24	+ 0.51	+ 0.02	6 54	......	....	. ....	23 41 17.77	− 4.34	+45 53	....
22	φ Pegasi	7	47 36.55	+ 0.29	**− 0.01**	339 36	......	....	. ....	23 47 36.87	.....	+18 35	....
23	ψ Pegasi	7	52 52.37	+ 0.34	+ 0.03	345 38	......	....	. ....	23 52 52.74	− 3.84	+24 36	....
24	2 Ceti	7	58 49.67	+ 0.03	**− 0.04**	303 10	......	....	. ....	23 58 49.73	.....	−17 52	....
	November 6, Ei.-Y.												
25	20 Ceti	7	48 6.29	+ 0.16	**+ 0.21**	319 22 1.12	44.970	+ 1.87	− 51.6	0 48 6.63	.....	− 1 39 53.0	....
26	ε Piscium	7	57 57.89	+ 0.23	**+ 0.22**	328 23 59.40	45.272	+ 1.88	− 37.0	0 57 58.31	.....	+ 7 22 26.7	....
27	B. D.+14°169	7	0 52.27	+ 0.29	+ 0.19	335 53 59.22	44.428	+ 1.88	− 26.9	1 0 52.75	− 4.01	+14 52 17.3	−22.2
28	B. D.+ 7°181	7	6 42.62	+ 0.24	+ 0.19	329 5 59.38	44.547	+ 1.89	− 36.0	1 6 43.05	− 3.89	+ 8 4 11.2	−20.8
29	B. D.+ 6°181	7	9 43.09	+ 0.23	+ 0.19	327 29 57.85	47.605	+ 1.89	− 38.3	1 9 43.51	− 3.87	+ 6 29 17.2	−20.3
30	B. D.+15°185	7	12 22.60	+ 0.30	+ 0.19	336 51 58.12	46.195	+ 1.89	− 25.7	1 12 23.09	− 4.08	+15 50 57.8	−21.3
31	υ Piscium	7	14 11.74	+ 0.37	**+ 0.25**	347 45 59.70	47.415	+ 1.89	− 13.0	1 14 12.30	.....	+26 45 39.9	....
32	B. D.+ 2°196	7	17 21.26	+ 0.21	+ 0.19	324 1 58.98	46.828	+ 1.90	− 43.6	1 17 21.66	− 3.83	+ 3 0 55.3	−19.3
33	B. D.+14°213	7	18 54.38	+ 0.29	+ 0.19	335 49 58.08	44.560	+ 1.90	− 27.0	1 18 54.86	− 4.08	+14 48 19.1	−20.8
34	B. D.+ 6°244 (*south*)	7	31 1.73	+ 0.24	+ 0.20	328 9 57.10	47.525	+ 1.91	− 37.3	1 31 2.17	− 3.95	+ 7 9 15.6	−18.8
35	B. D.+15°244	7	34 5.12	+ 0.30	+ 0.20	337 9 57.52	44.588	+ 1.91	− 25.3	1 34 5.62	− 4.16	+16 8 20.9	−19.6
36	B. D.+15°251	7	37 16.99	+ 0.30	+ 0.20	336 19 58.68	42.815	+ 1.91	− 26.4	1 37 17.49	− 4.15	+15 17 40.5	−19.2
37	ο Piscium	7	40 19.86	+ 0.25	**+ 0.13**	329 41 58.95	45.392	+ 1.91	− 35.1	1 40 20.31	.....	+ 8 40 31.0	....
38	B. D.+ 2°270	7	43 27.98	+ 0.22	+ 0.20	324 13 59.30	45.420	+ 1.92	− 43.3	1 43 28.40	− 3.90	+ 3 12 23.8	−17.5
39	B. D.+14°298	7	48 3.54	+ 0.30	+ 0.20	335 58 0.20	47.812	+ 1.92	− 26.8	1 48 4.04	− 4.17	+14 57 35.8	−18.2
40	B. D.+13°296	7	49 38.14	+ 0.29	+ 0.20	334 18 0.70	46.718	+ 1.92	− 28.9	1 49 38.63	− 4.13	+13 17 9.2	−18.0
41	B. D.+ 9°253	7	55 16.54	+ 0.27	+ 0.20	331 9 56.18	49.002	+ 1.93	− 33.1	1 55 17.01	− 4.07	+10 9 52.7	−17.2
42	B. D.+10°275	7	57 50.64	+ 0.27	+ 0.21	331 33 57.40	47.625	+ 1.93	− 32.6	1 57 51.12	− 4.09	+10 33 22.9	−17.0
43	B. D.+ 9°271	7	1 33.36	+ 0.27	+ 0.21	331 4 0.18	41.808	+ 1.93	− 33.3	2 1 33.84	− 4.08	+10 1 12.1	−16.6
44	B. D.+16°247	7	4 6.97	+ 0.31	+ 0.21	337 47 58.65	44.835	+ 1.93	− 24.6	2 4 7.49	− 4.26	+16 46 28.4	−16.8
45	B. D.+20°348	7	7 25.96	+ 0.34	+ 0.21	341 45 59.18	47.660	+ 1.94	− 19.8	2 7 26.51	− 4.39	+20 45 38.3	−16.7
46	B. D.+10°306	7	10 44.36	+ 0.28	+ 0.21	331 55 56.90	46.112	+ 1.94	− 32.1	2 10 44.85	− 4.12	+10 54 48.4	−15.9
47	B. D.+19°342	7	13 48.91	+ 0.33	+ 0.21	340 16 0.05	45.790	+ 1.94	− 21.6	2 13 49.45	− 4.36	+19 14 54.7	−16.0
48	B. D.+15°329	7	16 34.45	+ 0.31	+ 0.21	336 45 58.38	42.155	+ 1.94	− 25.9	2 16 34.97	− 4.26	+15 43 25.6	−15.6
49	B. D.+19°355	7	20 24.41	+ 0.34	+ 0.21	340 51 58.30	45.790	+ 1.95	− 20.9	2 20 24.96	− 4.39	+19 50 53.6	−15.4
50	B. D.+ 9°323	7	22 17.39	+ 0.28	+ 0.21	330 47 58.10	44.905	+ 1.95	− 33.7	2 22 17.88	− 4.11	+ 9 46 20.4	−14.8
51	B. D.+10°330	7	25 19.16	+ 0.28	+ 0.21	331 39 56.70	44.290	+ 1.95	− 32.5	2 25 19.65	− 4.14	+10 38 6.2	−14.6
52	B. D.+10°340	7	29 15.26	+ 0.29	+ 0.22	332 11 57.72	46.670	+ 1.95	− 31.7	2 29 15.77	− 4.16	+11 11 2.4	−14.2
53	B. D.+11°360	7	31 24.17	+ 0.29	+ 0.22	333 3 55.82	43.658	+ 1.95	− 30.6	2 31 24.68	− 4.18	+12 1 52.7	−14.0
54	B. D.+ 8°407	7	33 52.53	+ 0.27	+ 0.22	329 31 57.90	44.920	+ 1.96	− 35.4	2 33 53.02	− 4.10	+ 8 30 18.9	−13.7
55	σ Arietis	7	46 11.86	+ 0.31	**+ 0.25**	335 41 59.18	46.775	+ 1.97	− 27.2	2 46 12.39	.....	+14 41 10.7	....
56	B. D.+17°454	7	49 32.67	+ 0.33	+ 0.22	338 21 58.42	45.285	+ 1.97	− 23.9	2 49 33.22	− 4.36	+17 20 39.2	−12.2
57	B. D.+23°392	7	53 1.86	+ 0.37	+ 0.22	344 45 58.32	45.675	+ 1.97	− 16.4	2 53 2.45	− 4.57	+23 44 55.2	−11.8

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
6 0 50	29.95	34.0	32.1	28. Bisections at II, VI, VII.					
1 8	......	....	32.0	37. Bisections at II, VII.					
1 35	29.95	33.0	31.7	57. Bisections at I, II.					
1 52	......	....	31.5						
2 17	29.95	32.5	31.1						
2 35	......	....	31.1						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+17°471	7	55 8.01	+ 0.33	+ 0.23	338 37 59.30	47.220	+ 1.97	− 23.5	2 55 8.57	− 4.37	+17 37 24.4	−11.6
2	α Ceti	7	57 15.99	+ 0.25	+ **0.25**	324 43 59.02	46.385	+ 1.97	− 42.6	2 57 16.47	.....	+ 3 42 46.0	....
3	B. D.+15°430	7	59 20.48	+ 0.32	+ 0.23	336 29 57.12	46.320	+ 1.98	− 26.2	2 59 21.03	− 4.31	+15 28 59.3	−11.2
4	ε Eridani	7	28 24.86	+ 0.17	+ **0.24**	311 14	......	....	. ....	3 28 25.27	.....	− 9 47	....
5	B. D.+23°516	7	40 7.09	+ 0.38	+ 0.24	345 4	......	....	. ....	3 40 7.71	− 4.60	+24 4	....
6	η Tauri	7	41 46.93	+ 0.38	+ **0.30**	344 50	......	....	. ....	3 41 47.55	.....	+23 48	....
7	B. D.+19°600	5	44 22.39	+ 0.35	+ 0.24	340 18	......	....	. ....	3 44 22.98	− 4.42	+19 16	....
8	B. D.+12°516	7	45 56.31	+ 0.31	+ 0.24	333 46	......	....	. ....	3 45 56.86	− 4.22	+12 45	....
9	B. D.+18°562	7	51 29.82	+ 0.35	+ 0.25	339 34 0.15	47.748	− 0.21	− 22.5	3 51 30.42	− 4.39	+18 33 36.4	− 5.5
10	B. D.+22°617	7	55 15.01	+ 0.37	+ 0.25	343 55 59.48	48.075	− 0.19	− 17.4	3 55 15.63	− 4.54	+22 55 48.3	− 4.5
11	B. D.+23°609	7	58 37.43	+ 0.38	+ 0.25	344 52 0.12	44.428	− 0.17	− 16.3	3 58 38.06	− 4.57	+23 50 26.8	− 4.0
12	B. D.+27°633	7	0 43.31	+ 0.40	+ 0.25	348 20 1.12	49.360	− 0.17	− 12.4	4 0 43.96	− 4.70	+27 20 24.3	− 3.4
13	B. D.+16°560	7	2 29.74	+ 0.34	+ 0.25	338 5 58.55	46.160	− 0.16	− 24.3	4 2 30.33	− 4.33	+17 4 56.8	− 4.4
14	p Tauri	7	4 59.32	+ 0.39	+ 0.25	347 13 58.05	47.825	− 0.15	− 13.6	4 4 59.96	− 4.65	+26 13 45.0	− 3.0
15	B. D.+22°649	7	7 9.85	+ 0.37	+ 0.25	343 9 59.55	48.418	− 0.14	− 18.2	4 7 10.47	− 4.50	+22 9 55.5	− 3.2
16	B. D.+15°603	7	10 19.50	+ 0.33	+ 0.25	336 9 59.30	47.860	− 0.12	− 26.7	4 10 20.08	− 4.26	+15 9 34.0	− 3.8
17	B. D.+17°703	7	12 28.65	+ 0.34	+ 0.25	339 1 59.92	46.758	− 0.11	− 23.1	4 12 29.24	− 4.34	+18 1 13.1	− 3.2
18	B. D.+16°579	7	14 25.29	+ 0.34	+ 0.25	337 17 58.22	47.450	− 0.10	− 25.3	4 14 25.88	− 4.28	+16 17 25.0	− 3.2
19	δ Tauri	7	17 24.09	+ 0.34	+ **0.26**	338 19 58.60	46.225	− 0.09	− 24.0	4 17 24.68	.....	+17 18 58.7	....
20	B. D.+21°642	7	19 39.05	+ 0.37	+ 0.25	343 5 59.35	44.390	− 0.08	− 18.3	4 19 39.67	− 4.47	+22 4 23.2	− 1.8
21	B. D.+16°605	7	22 57.24	+ 0.34	+ 0.26	337 9 58.45	45.438	− 0.07	− 25.4	4 22 57.84	− 4.26	+16 8 38.9	− 2.3
22	B. D.+27°662	7	24 21.45	+ 0.40	+ 0.26	348 56 0.72	45.980	− 0.06	− 11.8	4 24 22.11	− 4.68	+27 55 7.4	− 0.4
23	B. D.+15°645	7	26 22.92	+ 0.33	+ 0.26	336 39 56.25	45.620	− 0.05	− 26.1	4 26 23.51	− 4.24	+15 38 40.5	− 2.0
24	B. D.+19°742	7	30 5.03	+ 0.36	+ 0.26	340 41 59.10	45.990	− 0.04	− 21.2	4 30 5.65	− 4.36	+19 40 56.7	− 1.0
25	B. D.+20°785	7	32 36.18	+ 0.36	+ 0.26	341 29 59.40	47.210	− 0.02	− 20.2	4 32 36.80	− 4.38	+20 29 25.9	− 0.6
26	Moon S	.	.. ..	....	....	337 43 58.32	47.972	− 0.01	− 24.7	.. ..	.....	+16 43 38.8	....
27	Moon II, N	6	37 6.66	+ 0.35	+ 0.26	338 17 58.80	44.170	0.00	− 24.1	4 37 7.27	−69.98	+17 16 10.9	....
28	B. D.+23°739	7	39 54.80	+ 0.38	+ 0.26	344 27 59.85	45.910	+ 0.01	− 16.8	4 39 55.44	− 4.46	+23 27 0.0	+ 0.7
29	B. D.+18°734	7	43 4.96	+ 0.35	+ 0.26	339 33 59.80	45.880	+ 0.02	− 22.5	4 43 5.57	− 4.29	+18 32 53.6	+ 0.2
30	B. D.+16°657	7	44 50.85	+ 0.34	+ 0.26	338 3 58.70	44.090	+ 0.03	− 24.4	4 44 51.45	− 4.24	+17 2 9.7	+ 0.1
31	B. D.+26°759	7	47 1.77	+ 0.39	+ 0.26	347 37 58.95	45.715	+ 0.04	− 13.2	4 47 2.42	− 4.56	+26 36 58.3	+ 2.0
32	B. D.+24°709	7	50 24.81	+ 0.38	+ 0.26	345 28 0.02	43.900	+ 0.05	− 15.7	4 50 25.45	− 4.47	+24 26 15.4	+ 2.1
33	B. D.+15°713	7	54 13.80	+ 0.34	+ 0.27	336 47 59.42	44.382	+ 0.07	− 25.9	4 54 14.41	− 4.17	+15 46 15.7	+ 1.0
34	B. D.+21°755	6	58 38.39	+ 0.36	+ 0.27	342 9 58.65	44.800	+ 0.09	− 19.4	4 58 39.02	− 4.33	+21 8 31.0	+ 2.4
35	B. D.+18°779	7	1 46.51	+ 0.35	+ 0.27	339 31 59.30	45.890	+ 0.11	− 22.6	5 1 47.13	− 4.23	+18 30 53.3	+ 2.2
36	B. D.+24°772	7	4 51.24	+ 0.38	+ 0.27	346 2 0.00	46.968	+ 0.12	− 15.0	5 4 51.89	− 4.44	+25 1 26.3	+ 3.8
37	B. D.+17°867	7	6 56.29	+ 0.34	+ 0.27	338 7 59.08	42.960	+ 0.13	− 24.3	5 6 56.90	− 4.17	+17 5 44.5	+ 2.4
38	B. D.+22°864	7	9 41.39	+ 0.37	+ 0.27	343 11 59.00	44.430	+ 0.14	− 18.3	5 9 42.03	− 4.32	+22 10 24.0	+ 3.8
39	B. D.+19°893	7	13 33.90	+ 0.36	+ 0.27	341 3 59.52	43.358	+ 0.16	− 20.8	5 13 34.53	− 4.24	+20 1 57.5	+ 3.8
40	B. D.+28°788	7	17 17.99	+ 0.41	+ 0.27	349 52 7.78	44.198	+ 0.17	− 10.8	5 17 18.67	− 4.54	+28 50 35.2	+ 6.1
41	B. D.+20°948	7	19 27.94	+ 0.36	+ 0.28	341 31 58.85	42.615	+ 0.18	− 20.2	5 19 28.58	− 4.23	+20 29 40.5	+ 4.5
42	B. D.+23°916	7	22 5.89	+ 0.38	+ 0.28	344 13 57.58	45.105	+ 0.20	− 17.1	5 22 6.55	− 4.31	+23 12 39.2	+ 5.3
43	B. D.+25°839 (*north*)	7	23 21.95	+ 0.39	+ 0.28	346 4 0.52	49.108	+ 0.20	− 15.0	5 23 22.62	− 4.40	+25 4 16.0	+ 5.9
44	B. D.+19°946	7	26 6.20	+ 0.36	+ 0.28	340 29 57.35	45.252	+ 0.21	− 21.4	5 26 6.84	− 4.17	+19 28 38.1	+ 4.9
45	B. D.+22°949	7	29 8.16	+ 0.37	+ 0.28	343 31 56.68	43.755	+ 0.23	− 17.9	5 29 8.81	− 4.25	+22 30 6.7	+ 5.9
46	B. D.+19°986	7	31 53.53	+ 0.36	+ 0.28	340 43 58.08	46.562	+ 0.24	− 21.1	5 31 54.17	− 4.15	+19 43 9.1	+ 5.6
47	ζ Orionis	7	35 54.91	+ 0.24	+ **0.33**	319 2	......	....	. ....	5 35 55.43	.....	− 1 59	....
48	κ Orionis	7	43 12.31	+ 0.20	+ **0.30**	311 19 56.95	45.073	+ 0.29	−1 8.9	5 43 12.79	.....	− 9 42 13.6	....
49	Neptune C, C	7	24 46.82	+ 0.38	+ 0.30	343 15 58.80	45.310	+ 0.39	− 18.2	6 24 47.50	.....	+22 14 44.3	....
	November 6, R.												
50	20 Puppis	7	8 54.75	+ 0.18	+ 0.28	305 31 57.30	46.778	+ 0.37	−1 25.1	8 8 55.21	.....	−15 29 50.5	....
51	31 Lyncis	7	16 14.53	+ 0.51	+ 0.28	4 30 1.98	46.338	+ 0.37	+ 4.9	8 16 15.32	.....	+43 29 34.1	....
52	29 Cancri	7	23 14.89	+ 0.35	+ 0.29	335 34 0.05	42.878	+ 0.37	− 27.7	8 23 15.53	− 3.00	+14 31 40.5	+16.6
53	212 H^1. Draconis s. P.	7	30 26.16	− 0.20	+ 0.29	68 46 2.55	43.960	+ 0.37	+2 36.6	20 30 26.25	.....	+72 12 47.0	....
54	γ Cancri	7	37 42.69	+ 0.38	+ **0.38**	342 49 58.52	45.350	+ 0.36	− 18.8	8 37 43.36	.....	+21 48 44.3	....
55	14 Hydræ	7	44 31.42	+ 0.25	+ 0.29	317 58 0.50	41.942	+ 0.36	− 55.0	8 44 31.96	.....	− 3 5 7.8	....
56	ι Ursæ Majoris	7	52 36.43	+ 0.55	+ 0.30	9 26 2.38	44.438	+ 0.36	+ 10.2	8 52 37.28	.....	+48 24 56.2	....
57	κ Ursæ Majoris	7	57 2.54	+ 0.54	+ 0.30	8 34 3.50	41.928	+ 0.36	+ 9.3	8 57 3.38	.....	+47 31 59.2	....
58	θ Hydræ	7	9 21.11	+ 0.29	+ **0.37**	323 44 0.30	47.638	+ 0.36	− 44.7	9 9 21.70	.....	+ 2 43 12.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 3 0	29.96	32.1	30.8
3 27	29.965	32.0	30.5
3 48	......	....	30.0
4 16	29.965	31.0	29.7
4 42	......	....	29.3
4 56	29.965	30.4	29.2
5 15	......	....	29.0
5 45	29.96	29.9	28.2
6 26	29.965	29.9	27.8
8 9	30.005	28.9	26.6
8 45	......	....	26.3
9 13	30.01	28.6	26.5

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 21, 26.	Bisections at I, II.
20, 52.	Bisections at II, VII.
27, 40, 43, 51, 53, 57.	Bisections at VI, VII.
48.	Bisections at II, VI, VII.

Note.

50–58. Conditions very poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
26	+21 57.9	+16 0.6	...	+37 58.5
27	+21 27.0	−16 0.6	0.0	+ 5 26.4
49	+ 0.1	.. ...	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*h* Mali	7	17 13.88	+ 0.10	+ 0.31	295 29 56.98	44.965	+ 0.36	−2 7.2	9 17 14.29	.....	−25 33 14.3	....
2	1 H. Draconis	7	23 19.40	+ 1.65	+ 0.31	42 46 2.52	41.970	+ 0.36	+ 56.6	9 23 21.36	.....	+81 44 45.1	....
3	10 Leonis	7	32 7.28	+ 0.31	+ 0.31	328 17 58.60	44.260	+ 0.36	− 37.6	9 32 7.90	− 2.48	+ 7 16 0.7	+15.8
4	ε Leonis	7	40 22.54	+ 0.40	[+ **0.37**]	345 14. 0.45	45.640	+ 0.35	− 16.0	9 40 23.25	.....	+24 12 55.6	....
5	μ Leonis	7	47 16.56	+ 0.41	[+ **0.33**]	347 27 59.00	47.055	+ 0.35	− 13.5	9 47 17.29	.....	+26 27 29.0	....
6	ν Leonis	7	53 1.96	+ 0.34	+ 0.32	333 55 58.65	44.378	+ 0.35	− 29.8	9 53 2.62	− 2.35	+12 54 11.2	+17.9
7	η Leonis	7	2 4.24	+ 0.37	[+ **0.37**]	338 14 0.10	48.440	+ 0.35	− 24.3	10 2 4.93	.....	+17 13 51.0	....
8	Venus II, S	7	56 52.63	+ 0.30	+ 0.37	321 17 56.78	42.451	+ 0.34	− 48.3	11 56 53.30	− 1.09	+ 0 15 6.8	....
	November 7, R.												
9	Sun I, S	7	45 26.65	+ 0.24	+ 0.43	304 41 58.75	43.757	+ 0.66	−1 25.9	14 45 27.32	+67.56	−16 20 59.0	....
10	Sun II, N	7	47 41.77	+ 0.24	+ 0.43	305 13 57.60	44.520	+ 0.66	−1 24.2	14 47 42.44	−67.56	−15 48 40.2	....
11	ν Aquarii	7	4 20.66	+ 0.16	+ **0.53**	309 15 58.88	47.028	− 1.16	−1 12.7	21 4 21.39	.....	−11 45 32.4	....
12	υ Cygni	7	13 57.19	+ 0.42	+ 0.57	355 30 1.32	47.830	− 1.16	− 4.6	21 13 58.18	− 2.46	+34 29 56.1	−34.8
13	B. A. C. 7504	5	18 55.12	+ 3.52	+ 0.57	47 38 5.28	46.985	− 1.16	+1 5.5	21 18 59.21	.....	+86 38 51.2	....
14	ρ Cygni	7	30 21.42	+ 0.50	+ 0.58	6 10 2.48	48.508	− 1.16	+ 6.5	21 30 22.50	− 2.60	+45 10 24.1	−37.1
15	ε Pegasi	7	39 27.26	+ 0.28	+ **0.58**	330 28 0.38	44.785	− 1.16	− 33.7	21 39 28.12	.....	+ 9 26 16.8	....
16	μ Capricorni	7	48 2.71	+ 0.14	+ **0.58**	307 1 58.62	45.650	− 1.16	−1 18.8	21 48 3.43	.....	−14 0 10.2	....
17	134 G. Capricorni	7	53 21.57	+ 0.08	+ 0.59	299 23 57.60	46.130	− 1.16	−1 45.4	21 53 22.24	− 2.92	−21 38 26.8	−17.7
18	ν Pegasi	7	0 49.38	+ 0.26	+ 0.59	325 38 0.32	43.080	− 1.16	− 40.8	22 0 50.23	− 2.91	+ 4 35 30.7	−26.7
19	λ Cephei	7	8 15.02	+ 0.64	+ 0.59	19 58 3.38	43.642	− 1.16	+ 21.8	22 8 16.25	− 3.31	+58 56 49.0	−38.6
20	ρ Aquarii	7	15 7.99	+ 0.18	+ 0.59	312 43 59.78	45.120	− 1.16	−1 4.5	22 15 8.76	− 2.99	− 8 18 6.9	−22.4
21	3 Lacertæ	7	19 46.85	+ 0.56	+ 0.59	12 46 3.32	45.105	− 1.16	+ 13.6	22 19 48.00	.....	+51 45 14.2	....
22	σ Aquarii	7	25 33.24	+ 0.16	+ **0.57**	309 51 58.50	45.485	− 1.16	−1 11.3	22 25 34.00	.....	−11 10 6.6	....
23	κ Aquarii	7	32 46.34	+ 0.20	+ 0.60	316 18 0.05	46.882	− 1.16	− 57.0	22 32 47.14	− 3.08	− 4 43 18.8	−23.6
24	ζ Pegasi	7	36 39.70	+ 0.29	+ **0.64**	331 22 0.22	43.950	− 1.16	− 32.6	22 36 40.59	.....	+10 19 58.7	....
25	λ Pegasi	7	41 53.78	+ 0.36	+ **0.63**	344 3 59.42	48.198	− 1.16	− 17.0	22 41 54.74	.....	+23 3 50.7	....
26	δ Aquarii	7	49 32.65	+ 0.12	+ **0.58**	304 41 59.22	46.745	− 1.16	−1 26.0	22 49 33.37	.....	−16 19 51.8	....
27	36 H. Cephei	6	55 19.45	+ 2.08	+ 0.61	44 50 4.00	45.858	− 1.16	+ 59.6	22 55 22.14	−10.75	+83 50 16.4	−37.0
28	59 Pegasi	7	6 52.76	+ 0.28	+ 0.61	329 13 58.92	44.340	− 1.16	− 35.6	23 6 53.65	− 3.32	+ 8 12 3.3	−26.9
29	4 Cassiopeiæ	7	20 35.07	+ 0.68	+ 0.62	22 46 2.30	45.652	− 1.16	+ 25.2	23 20 36.37	.....	+61 45 37.2	....
30	1 H. Cassiopeiæ	7	25 36.42	+ 0.63	+ 0.62	19 2 2.42	45.402	− 1.16	+ 20.7	23 25 37.67	− 4.73	+58 1 27.2	−35.0
31	248 G. Aquarii	7	30 34.39	+ 0.18	+ 0.62	313 1 58.12	46.230	− 1.16	−1 4.0	23 30 35.19	− 3.32	− 7 59 42.7	−21.6
32	ι Piscium	7	35 0.24	+ 0.26	+ **0.63**	326 7 58.32	45.632	− 1.16	− 40.1	23 35 1.12	.....	+ 5 6 27.7	....
33	ψ Andromedæ	7	41 16.70	+ 0.50	+ 0.62	6 54 0.40	46.165	− 1.16	+ 7.3	23 41 17.82	− 4.33	+45 53 29.2	−32.8
34	φ Pegasi	7	47 35.85	+ 0.33	+ **0.64**	339 36 0.58	47.155	− 1.16	− 22.2	23 47 36.80	.....	+18 35 22.7	....
35	ψ Pegasi	7	52 51.71	+ 0.38	+ 0.63	345 38 1.65	44.885	− 1.16	− 15.3	23 52 52.72	− 3.83	+24 36 38.7	−28.7
36	2 Ceti	7	58 48.94	+ 0.11	+ **0.60**	303 9 56.22	46.058	− 1.16	−1 31.3	23 58 49.68	.....	−17 52 15.8	....
37	γ Pegasi	7	8 17.20	+ 0.31	+ **0.66**	335 39 58.45	46.732	− 1.16	− 27.0	0 8 18.14	.....	+14 39 6.1	....
38	Moon II, S	7	38 25.68	+ 0.36	+ 0.75	338 39 59.62	47.528	− 0.91	− 23.5	5 38 26.79	−70.80	+17 39 29.2	....
	November 8, L.												
39	Moon II	7	40 24.34	+ 0.33	+ 1.20	338 38	......	....	. ....	6 40 25.87	−70.92	.. ..	....
40	51 H. Cephei	5	55 45.62	+ 3.24	+ 1.20	48 12 5.40	43.712	+ 1.44	+1 7.3	6 55 50.06	.....	+87 11 40.9	....
41	δ Canis Majoris	7	4 28.65	+ 0.06	+ 1.20	294 47 58.50	47.329	+ 1.41	−2 8.9	7 4 29.91	.....	−26 14 19.4	....
42	25 H. Camelopardalis	7	10 53.79	+ 1.46	+ 1.21	43 36 3.85	43.803	+ 1.39	+ 57.3	7 10 56.46	.....	+82 35 31.4	....
43	λ Ursæ Minoris S.P.	5	17 49.46	− 7.81	+ 1.21	52 0 3.95	43.892	+ 1.36	+1 16.9	19 17 42.86	.....	+89 0 5.9	....
44	*f* Puppis	7	33 48.46	− 0.01	+ 1.21	286 19 58.60	43.504	+ 1.30	−3 21.6	7 33 49.66	− 2.74	−34 44 59.5	+ 0.6
45	κ Geminorum	7	38 37.69	+ 0.35	+ **1.14**	345 38 2.55	47.292	+ 1.28	− 15.3	7 38 39.26	.....	+24 37 37.1	....
46	ε Draconis S. P.	7	48 28.49	− 0.03	+ 1.22	70 55 59.90	45.960	+ 1.25	+2 52.9	19 48 29.68	.....	+70 1 47.5	....
47	53 Camelopardalis	7	53 28.50	+ 0.59	+ 1.22	21 36 1.52	43.852	+ 1.23	+ 23.9	7 53 30.31	.....	+60 34 56.6	....
48	χ Geminorum	7	57 35.60	+ 0.36	+ **1.30**	349 4 2.45	47.402	+ 1.21	− 11.5	7 57 37.18	.....	+28 3 43.2	....
49	20 Puppis	7	8 54.08	+ 0.14	+ 1.23	305 31 58.25	46.720	+ 1.17	−1 23.8	8 8 55.45	.....	−15 29 48.8	....
50	31 Lyncis	7	16 13.83	+ 0.44	+ 1.23	4 29 58.12	46.542	+ 1.14	+ 4.8	8 16 15.50	.....	+43 29 35.4	....
51	30 Monocerotis	7	20 50.31	+ 0.21	+ **1.26**	317 25 59.90	46.188	+ 1.13	− 55.1	8 20 51.75	.....	− 3 35 30.7	....
52	110 B. Lyncis	7	26 38.50	+ 0.42	+ 1.23	359 22 2.48	44.038	+ 1.11	− 0.6	8 26 40.15	.....	+38 20 37.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 9 40	......	....	26.7
10 7	30.04	28.6	26.8
11 57	30.07	34.1	32.7
7 14 45	30.07	37.0	38.2
21 4	30.05	38.9	38.4
21 33	......	....	38.0
22 1	30.04	38.0	37.4
22 30	......	....	37.1
23 3	30.04	37.0	36.3
23 35	......	....	36.0
0 8	30.05	36.4	35.8
5 40	30.07	33.2	32.2
8 7 3	30.04	34.9	34.8
7 34	......	....	35.3
8 9	30.03	34.8	34.1

Micrometer bisections are made at II, VI, except as noted below.

2, 25, 27. Bisections at VI, VII.
8, 41, 44. Bisections at I, II, VI, VII.
9. Bisections at I, II, III.
10. Bisections at V, VI, VII.
12. Bisections at I, II.
13. Bisections at b_4, b_5, b_6.
38. Bisections at II, III, IV, V, VI.
40. Bisections at b_5, b_7.
42. Bisections at b_3, b_5, b_7.
43. Bisections at b_1, b_3, b_5.
46. Bisections at II, III, V, VI.
47. Bisections at III, V.

Notes.

1-7 Conditions very poor.
26, 27. Thin clouds.
50. Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 10.4	+ 16.3	...	+ 26.7
9	+ 7.3	+16 9.3	...	+16 16.6
10	+ 7.2	−16 9.4	...	−16 2.2
38	+21 11.9	+16 6.8	...	+37 18.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	212 H¹. Draconis s. P.	7	30 25.09	− 0.08	+ 1.24	68 45 58.72	44.246	+ 1.09	+2 34.3	20 30 26.25	.....	+72 12 46.6	....
2	γ Cancri..................	7	37 41.92	+ 0.33	+ **1.27**	342 49 59.55	45.335	+ 1.06	− 18.5	8 37 43.49	.....	+21 48 45.9	....
3	ε Hydræ..............	7	41 39.83	+ 0.26	+ **1.21**	327 47 59.52	44.972	+ 1.05	− 37.9	8 41 41.33	.....	+ 6 46 18.2	....
4	76 Draconis s. P.........	7	49 36.76	− 0.67	+ 1.24	58 47 57.35	46.275	+ 1.02	+1 39.6	20 49 37.33	.....	+82 10 56.5	....
5	κ Ursæ Majoris..........	7	57 1.88	+ 0.47	+ 1.24	8 34 0.52	42.035	+ 0.99	+ 9.1	8 57 3.59	.....	+47 31 58.9	....
6	σ² Ursæ Majoris.........	7	1 53.63	+ 0.69	+ 1.25	28 32 0.50	44.148	+ 0.97	+ 32.8	9 1 55.57	.....	+67 31 10.7	....
7	θ Hydræ..............	7	9 20.37	+ 0.24	+ **1.22**	323 43 59.45	47.698	+ 0.94	− 44.1	9 9 21.86	.....	+ 2 43 14.2	....
8	40 Lyncis...............	7	15 10.09	+ 0.40	+ 1.25	355 49 59.72	42.178	+ 0.92	− 4.3	9 15 11.74	.....	+34 47 48.0	....
9	1 H. Draconis...........	7	23 19.20	+ 1.35	+ 1.25	42 45 59.80	42.045	+ 0.89	+ 55.8	9 23 21.80	.....	+81 44 44.9	....
10	*A* Hydræ..............	7	29 43.33	+ 0.20	+ 1.26	315 33 59.68	42.300	+ 0.87	− 59.0	9 29 44.79	− 2.51	− 5 29 3.9	+11.8
11	κ Hydræ..............	7	35 40.46	+ 0.15	+ 1.26	307 9 57.65	41.768	+ 0.85	−1 19.3	9 35 41.87	.....	−13 53 38.4	....
12	11 Cephei s. P.	7	40 31.78	− 0.05	+ 1.26	70 6 0.78	44.374	+ 0.83	+2 45.8	21 40 32.99	.....	+70 52 30.4	....
13	μ Leonis..............	7	47 15.79	+ 0.36	[+ **1.22**]	347 28 1.05	46.968	+ 0.80	− 13.3	9 47 17.41	.....	+26 27 29.7	....
14	19 Leonis Minoris.......	7	51 45.51	+ 0.43	+ 1.26	2 32 0.78	44.090	+ 0.78	+ 2.7	9 51 47.20	.....	+41 30 39.2	....
15	π Leonis..............	7	55 6.21	+ 0.27	[+ **1.24**]	329 32 0.08	44.992	+ 0.77	− 35.4	9 55 7.75	.....	+ 8 30 21.5	....
16	η Leonis..............	7	2 3.48	+ 0.32	[+ **1.24**]	338 14 0.62	48.445	+ 0.75	− 24.0	10 2 5.07	.....	+17 13 52.3	....
17	Venus II, S............	7	3 11.04	+ 0.27	+ 1.27	320 51 57.45	46.846	+ 0.77	− 48.5	12 3 12.58	− 1.06	− 0 9 11.8	....
18	Mercury I, C.........	3	27 28.75	+ 0.25	+ 1.32	307 23 57.55	46.335	+ 0.77	−1 16.1	14 27 30.32	+ 0.23	−13 37 51.0	....
19	Mercury II..........	5	27 29.21	+ 0.25	+ 1.32	... .	......	....	. ....	14 27 30.78	− 0.23	.. ..	....
	November 9, L.												
20	Sun I, S............	7	53 26.05	+ 0.23	+ 1.33	304 5 58.40	45.587	+ 0.77	−1 25.5	14 53 27.61	+67.75	−16 56 17.0	....
21	Sun II, N............	7	55 41.56	+ 0.23	+ 1.33	304 37 58.38	46.362	+ 0.77	−1 23.8	14 55 43.12	−67.76	−16 23 56.8	....
22	π² Cygni..............	7	43 13.45	+ 0.45	+ 1.44	9 52 1.48	48.028	+ 0.96	+ 10.2	21 43 15.34	.....	+48 52 17.9	....
23	μ Capricorni..........	7	48 1.91	+ 0.08	+ **1.41**	307 1 56.62	45.582	+ 0.96	−1 16.7	21 48 3.43	.....	−14 0 9.5	....
24	134 G. Capricorni.........	7	53 20.76	+ 0.02	+ 1.45	299 23 56.35	45.965	+ 0.96	−1 42.5	21 53 22.23	− 2.89	−21 38 26.8	−17.6
25	16 Cephei..............	7	57 53.00	+ 0.86	+ 1.45	33 43 58.58	45.510	+ 0.96	+ 38.9	21 57 55.31	− 3.30	+72 43 46.2	−39.7
26	μ Piscis Australis......	7	2 45.26	− 0.09	+ 1.45	287 35 58.85	46.553	+ 0.96	−3 0.5	22 2 46.62	− 2.96	−33 27 28.9	−13.6
27	θ Pegasi..............	6	5 19.72	+ 0.19	+ **1.47**	326 45 58.60	43.405	+ 0.96	− 38.0	22 5 21.36	.....	+ 5 43 41.6	....
28	λ Piscis Australis......	7	8 50.61	− 0.04	+ 1.45	292 47 58.80	46.929	+ 0.96	−2 17.0	22 8 52.02	− 2.96	−28 14 36.8	−15.5
29	γ Aquarii..............	7	16 40.22	+ 0.14	+ **1.45**	319 9 58.40	44.388	+ 0.96	− 50.2	22 16 41.81	.....	− 1 52 8.6	....
30	π Aquarii..............	7	20 20.87	+ 0.16	+ **1.38**	321 55 58.40	43.360	+ 0.96	− 45.5	22 20 22.49	.....	+ 0 53 32.6	....
31	ζ Aquarii (*mean*)......	7	23 51.71	+ 0.15	+ 1.46	320 31 57.92	43.178	+ 0.96	− 47.8	22 23 53.32	− 3.02	− 0 30 34.3	−25.0
32	υ Aquarii..............	7	29 25.01	+ 0.01	+ 1.46	299 49 57.05	47.045	+ 0.96	−1 41.0	22 29 26.48	− 3.02	−21 11 59.9	−18.0
33	49 G. Piscis Australis....	7	33 24.47	− 0.10	+ 1.46	287 27 57.78	48.122	+ 0.96	−3 2.2	22 33 25.83	− 3.05	−33 34 55.4	−13.8
34	η Pegasi..............	7	38 28.77	+ 0.30	+ **1.48**	350 43 59.02	46.680	+ 0.96	− 9.4	22 38 30.53	.....	+29 43 25.3	....
35	τ Aquarii..............	7	44 29.04	+ 0.06	+ 1.46	306 55 57.42	46.195	+ 0.96	−1 17.2	22 44 30.56	− 3.09	−14 5 55.5	−20.3
36	γ Piscis Australis......	7	47 9.88	− 0.10	+ 1.46	287 39 58.65	47.415	+ 0.96	−3 0.4	22 47 11.24	− 3.09	−33 23 9.2	−14.0
37	α Piscis Australis......	7	52 19.42	− 0.07	+ 1.47	290 55 58.72	44.090	+ 0.96	−2 30.9	22 52 20.82	.....	−30 7 55.6	....
38	β Pegasi..............	7	59 5.94	+ 0.29	+ **1.48**	348 34 0.28	48.185	+ 0.96	− 11.7	22 59 7.70	.....	+27 33 58.2	....
39	55 Pegasi..............	7	2 8.71	+ 0.19	+ 1.47	329 53 58.98	48.240	+ 0.96	− 33.7	23 2 10.37	− 3.28	+ 8 53 36.5	−27.3
40	59 Pegasi..............	7	6 51.99	+ 0.18	+ 1.47	329 13 58.68	44.245	+ 0.96	− 34.7	23 6 53.64	− 3.30	+ 8 12 3.9	−26.9
41	ψ¹ Aquarii..............	7	10 50.31	+ 0.08	+ 1.47	311 25 56.25	43.928	+ 0.96	−1 6.0	23 10 51.86	− 3.21	− 9 36 37.0	−21.4
42	ο Cephei..............	7	14 41.32	+ 0.69	+ 1.47	28 36 0.28	45.010	+ 0.96	+ 31.9	23 14 43.48	.....	+67 35 29.2	....
43	4 Cassiopeiæ..........	7	20 34.23	+ 0.58	+ 1.48	22 45 59.48	45.735	+ 0.96	+ 24.6	23 20 36.29	.....	+61 45 37.8	....
44	1 H. Cassiopeiæ.........	7	25 35.64	+ 0.52	+ 1.48	19 2 1.02	45.395	+ 0.96	+ 20.2	23 25 37.64	− 4.67	+58 1 27.2	−35.5
45	248 G. Aquarii..........	7	30 33.63	+ 0.09	+ 1.48	313 1 57.90	46.115	+ 0.96	−1 2.4	23 30 35.20	− 3.30	− 7 59 41.8	−21.6
46	ι Piscium..............	7	34 59.45	+ 0.16	+ **1.50**	326 7 58.62	45.522	+ 0.96	− 39.1	23 35 1.09	.....	+ 5 6 28.6	....
47	ψ Andromedæ.........	7	41 15.87	+ 0.39	+ 1.48	6 53 58.60	46.132	+ 0.96	+ 7.1	23 41 17.74	− 4.29	+45 53 28.6	−33.2
48	φ Pegasi..............	7	47 35.09	+ 0.23	+ **1.48**	339 36 0.12	47.092	+ 0.96	− 21.7	23 47 36.81	.....	+18 35 23.4	....
49	ψ Pegasi..............	7	52 50.96	+ 0.25	+ 1.49	345 37 59.72	44.878	+ 0.96	− 14.9	23 52 52.70	− 3.82	+24 36 39.2	−28.9
50	2 Ceti..............	7	58 48.13	+ 0.01	+ **1.49**	303 9 57.30	45.865	+ 0.96	−1 29.1	23 58 49.63	.....	−17 52 14.8	....
51	5 Ceti..............	7	3 16.03	+ 0.10	+ 1.49	318 1 59.50	47.798	+ 0.96	− 52.5	0 3 17.62	− 3.47	− 2 58 51.8	−21.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 8 30	.....	....	33.7
8 50	30.03	33.8	32.7
9 9	.....	....	33.0
9 23	.....	....	32.8
9 36	.....	....	32.8
9 41	.....	....	32.9
10 2	30.04	33.1	33.0
12 3	30.06	38.8	37.1
14 27	30.06	48.7	48.0
9 14 56	30.04	49.5	50.1
21 43	29.94	49.3	49.4
22 3	.....	....	48.8
22 17	.....	....	48.3
22 33	29.93	47.9	47.7
22 47	.....	....	47.0
23 11	.....	....	46.3
23 21	29.91	46.3	46.0
23 41	.....	....	45.6
0 3	29.90	46.0	45.0

Micrometer bisections are made at II, VI, except as noted below.

1, 12.	Bisections at II, III, V, VI.
4.	Bisections at III, IV, V.
9, 25.	Bisections at III, V.
11, 26.	Bisections at I, II, VI.
14, 35, 38.	Bisections at I, II.
17, 18, 28, 36, 37.	Bisections at I, II, VI, VII.
20.	Bisections at I, II, III.
21.	Bisections at V, VI, VII.
27, 33.	Bisections at VI, VII.
34.	Bisection at VI.

Notes.

20. Micrometer reading decreased 4 rev.

26, 28. Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
17	+ 10.2	+ 15.8	...	+ 26.0
18	+ 5.0	.. ....	0.0	+ 5.0
20	+ 7.3	+16 10.1	...	+16 17.4
21	+ 7.3	−16 10.1	...	−16 2.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	November 9, Ei.–Y.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 3°166.	7	6 28.91	+ 0.14	+ 1.72	324 55 58.95	47.365	+ 0.59	− 41.0	1 6 30.77	− 3.80	+ 3 55 9.1	−20.1
2	B. D.+15°177.	7	9 0.51	+ 0.20	+ 1.72	336 37 58.42	47.862	+ 0.59	− 25.2	1 9 2.43	− 4.05	+15 37 35.4	−21.8
3	B. D.+13°192.	7	12 26.54	+ 0.20	+ 1.72	334 45 58.60	44.510	+ 0.59	− 27.6	1 12 28.46	− 4.02	+13 44 16.6	−21.3
4	υ Piscium.	7	14 10.34	+ 0.26	+ **1.76**	347 45 58.52	47.472	+ 0.59	− 12.6	1 14 12.32	....	+26 45 39.2	....
5	B. D.+ 4°232.	7	17 26.16	+ 0.15	+ 1.72	326 15 57.48	44.580	+ 0.59	− 39.1	1 17 28.03	− 3.87	+ 5 14 5.6	−19.6
6	η Piscium.	7	26 19.70	+ 0.20	+ **1.69**	335 51 58.02	46.642	+ 0.59	− 26.2	1 26 21.63	....	+14 51 6.1	....
7	π Piscium.	7	31 59.43	+ 0.18	+ **1.74**	332 39 56.70	46.750	+ 0.59	− 30.3	1 32 1.34	....	+11 39 3.2	....
8	B. D + 5°240.	7	41 11.41	+ 0.15	+ 1.73	327 3 57.45	47.765	+ 0.59	− 37.9	1 41 13.29	− 3.95	+ 6 3 19.6	−18.0
9	B. D.+ 2°270.	7	43 26.57	+ 0.14	+ 1.73	324 13 57.75	45.495	+ 0.59	− 42.2	1 43 28.44	− 3.90	+ 3 12 23.4	−17.4
10	B. D.+ 4°316.	7	44 28.39	+ 0.15	+ 1.73	326 9 56.12	46.895	+ 0.59	− 39.3	1 44 30.27	− 3.94	+ 5 8 57.0	−17.6
11	B. D.+11°248.	7	48 20.83	+ 0.19	+ 1.74	333 13 57.52	45.555	+ 0.59	− 29.6	1 48 22.76	− 4.11	+12 12 37.4	−18.1
12	B. D.+ 5°262.	7	50 15.76	+ 0.15	+ 1.74	326 57 57.48	49.578	+ 0.59	− 38.1	1 50 17.65	− 3.97	+ 5 58 0.8	−17.2
13	B. D.+ 8°308.	7	55 39.06	+ 0.17	+ 1.74	329 45 58.00	46.308	+ 0.59	− 34.2	1 55 40.97	− 4.05	+ 8 44 50.5	−17.1
14	B. D.+ 7°321.	7	59 46.14	+ 0.16	+ 1.74	328 17 58.20	45.598	+ 0.59	− 36.2	1 59 48.04	− 4.02	+ 7 16 32.5	−16.6
15	B. D.+17°315.	7	2 28.69	+ 0.21	+ 1.74	338 35 58.72	44.528	+ 0.59	− 23.0	2 2 30.64	− 4.29	+17 34 21.7	−17.2
16	B. D.+19°329.	7	4 22.11	+ 0.22	+ 1.74	340 56 25.50	41.348	+ 0.59	− 20.3	2 4 24.07	− 4.37	+19 53 38.5	−17.2
17	B. D.+ 6°342.	7	11 14.49	+ 0.16	+ 1.74	327 32 2.32	48.168	+ 0.59	− 37.3	2 11 16.39	− 4.03	+ 6 31 34.5	−15.6
18	B. D.+16°293.	7	22 13.61	+ 0.21	+ 1.75	337 13 59.65	45.720	+ 0.59	− 24.6	2 22 15.57	− 4.30	+16 12 48.3	−15.2
19	B. D.+19°365.	7	25 14.33	+ 0.22	+ 1.75	340 28 1.15	42.735	+ 0.59	− 20.8	2 25 16.30	− 4.41	+19 25 45.4	−15.0
20	B. D.+22°368.	7	29 10.29	+ 0.24	+ 1.75	343 33 59.45	45.450	+ 0.59	− 17.3	2 29 12.28	− 4.52	+22 32 49.2	−14.7
21	B. D.+20°433.	7	31 17.64	+ 0.23	+ 1.75	341 18 0.02	45.955	+ 0.59	− 19.9	2 31 19.62	− 4.45	+20 16 58.7	−14.4
22	B. D.+10°352.	7	33 52.15	+ 0.18	+ 1.75	331 15 58.30	42.490	+ 0.59	− 32.2	2 33 54.08	− 4.16	+10 13 25.5	−13.8
23	B. D.+10°360.	7	37 17.73	+ 0.18	+ 1.75	331 21 58 52	43.825	+ 0.59	− 32.1	2 37 19.66	− 4.17	+10 19 56.4	−13.4
24	B. D.+18°344.	7	40 56.01	+ 0.22	+ 1.75	339 25 58.42	48.870	+ 0.59	− 22.0	2 40 57.98	− 4.40	+18 26 1.7	−13.4
25	B. D.+16°355.	7	43 55.04	+ 0.21	+ 1.76	338 5 57.62	43.400	+ 0.59	− 23.6	2 43 57.01	− 4.37	+17 3 54.3	−13.0
26	B. D.+22°406.	7	50 7.16	+ 0.24	+ 1.76	343 13 56.42	45.712	+ 0.59	− 17.7	2 50 9.16	− 4.55	+22 12 51.8	−12.4
27	B. D.+21°397.	7	53 21.84	+ 0.23	+ 1.76	342 15 59.58	43.390	+ 0.59	− 18.8	2 53 23.83	− 4.52	+21 14 0.8	−12.0
28	B. D.+10°401.	7	55 30.62	+ 0.18	+ 1.76	331 31 57.52	42.388	+ 0.59	− 31.9	2 55 32.56	− 4.19	+10 29 22.7	−11.8
29	B. D.+24°431.	7	59 47.86	+ 0.25	+ 1.76	345 53 59.50	45.505	+ 0.59	− 14.7	2 59 49.87	− 4.66	+24 52 53.1	−11.2
30	B. D.+14°518.	7	3 22.58	+ 0.20	+ 1.76	335 59 58.15	44.485	+ 0.59	− 26.2	3 3 24.54	− 4.33	+14 58 17.0	−11.0
31	B. D.+18°432.	7	8 26.39	+ 0.22	+ 1.76	339 37 58.98	45.635	+ 0.59	− 21.8	3 8 28.37	− 4.44	+18 36 48.5	−10.4
32	B. D.+21°432.	7	11 50.10	+ 0.24	+ 1.77	342 55 59.28	48.010	+ 0.59	− 18.0	3 11 52.11	− 4.56	+21 55 46.8	− 9.9
33	B. D.+25°536.	7	14 43.07	+ 0.25	+ 1.77	346 19 58.92	45.792	+ 0.59	− 14.3	3 14 45.09	− 4.69	+25 18 59.2	− 9.4
34	τ^1 Arietis.	7	15 39.99	+ 0.23	+ **1.82**	341 49 58.28	43.518	+ 0.59	− 19.3	3 15 41.99	....	+20 48 2.1	....
35	B. D.+20°556.	7	18 52.86	+ 0.23	+ 1.77	341 29 58.95	42.725	+ 0.59	− 19.7	3 18 54.86	− 4.51	+20 27 44.0	− 9.1
36	B. D.+23°456.	7	22 9.11	+ 0.24	+ 1.77	344 51 59.28	45.525	+ 0.59	− 15.9	3 22 11.12	− 4.63	+23 50 52.1	− 8.6
37	s Tauri.	7	25 8.57	+ 0.18	+ 1.77	332 1 58.48	44.980	+ 0.59	− 31.2	3 25 10.52	− 4.22	+11 0 23.6	− 8.8
38	B. D.+17°575.	7	28 39.10	+ 0.21	+ 1.77	338 31 57.42	46.370	+ 0.59	− 23.1	3 28 41.08	− 4.41	+17 31 2.4	− 8.2
39	B. D.+14°586.	7	32 23.44	+ 0.20	+ 1.77	336 7 58.68	46.025	+ 0.59	− 26.0	3 32 25.41	− 4.34	+15 6 52.9	− 7.8
40	11 Tauri.	6	35 1.15	+ 0.25	+ 1.77	346 2 0.08	46.050	+ 0.59	− 14.6	3 35 3.17	....	+25 1 6.2	....
41	δ Eridani.	7	38 37.96	+ 0.07	+ **1.80**	310 55 56.45	47.340	+ 0.59	−1 7.8	3 38 39.81	....	−10 5 21.3	....
42	B. D.+24°547.	7	39 28.49	+ 0.24	+ 1.78	345 11 59.50	43.040	+ 0.59	− 15.5	3 39 30.51	− 4.65	+24 9 56.2	− 6.5
43	B. D.+16°512.	5	42 6.50	+ 0.21	+ 1.78	337 25 58.60	44.845	+ 0.59	− 24.4	3 42 8.49	− 4.38	+16 24 27.7	− 6.8
44	B. D.+15°637.	7	25 2.80	+ 0.22	+ 1.79	337 1 59.55	41.088	+ 0.59	− 25.0	4 25 4.81	− 4.31	+15 59 2.2	− 2.1
45	B. D.+24°663.	7	26 30.24	+ 0.26	+ 1.79	345 59 59.65	45.055	+ 0.59	− 14.6	4 26 32.29	− 4.62	+24 58 43.3	− 0.8
46	α Tauri.	7	30 23.57	+ 0.22	+ **1.77**	337 19 58.02	46.050	+ 0.59	− 24.6	4 30 25.58	....	+16 18 54.2	....
47	B. D.+15°665.	7	33 39.05	+ 0.22	+ 1.80	336 37 58.78	45.215	+ 0.59	− 25.4	4 33 41.07	− 4.28	+15 36 35.1	− 1.2
48	B. D.+28°695.	7	42 14.83	+ 0.28	+ 1.80	350 3 59.52	47.820	+ 0.59	− 10.3	4 42 16.91	− 4.75	+29 3 50.5	+ 1.7
49	i Tauri.	7	45 44.19	+ 0.23	+ 1.80	339 41 58.65	44.865	+ 0.59	− 21.8	4 45 46.22	....	+18 40 30.6	....
50	B. D.+23°757.	7	47 45.36	+ 0.25	+ 1.80	344 11 57.25	41.450	+ 0.59	− 16.7	4 47 47.41	− 4.50	+23 9 15.9	+ 1.5
51	B. D.+19°811.	7	49 18.47	+ 0.23	+ 1.80	340 19 57.02	48.030	+ 0.59	− 21.0	4 49 20.50	− 4.36	+19 19 42.1	+ 1.0
52	B. D.+16°672.	7	51 48.34	+ 0.22	+ 1.80	338 1 59.22	43.865	+ 0.59	− 23.7	4 51 50.36	− 4.28	+17 0 6.4	+ 0.9
53	B. D.+27°716.	7	53 53.78	+ 0.27	+ 1.80	348 10 0.90	50.190	+ 0.59	− 12.3	4 53 55.85	− 4.63	+27 10 44.0	+ 2.8
54	ι Tauri.	7	57 20.17	+ 0.24	+ **1.85**	342 27 58.65	46.228	+ 0.59	− 18.6	4 57 22.21	....	+21 27 4.9	....
55	B. D.+22°818.	7	59 48.71	+ 0.25	+ 1.81	343 57 58.48	42.332	+ 0.59	− 16.9	4 59 50.77	− 4.45	+22 55 37.4	+ 2.8
56	B. D.+21°766.	7	2 9.75	+ 0.24	+ 1.81	342 35 59.30	44.858	+ 0.59	− 18.4	5 2 11.80	− 4.40	+21 34 34.4	+ 2.8
57	B. D.+27°732.	7	3 42.19	+ 0.27	+ 1.81	348 53 59.52	49.380	+ 0.59	− 11.5	5 3 44.27	− 4.63	+27 54 24.9	+ 4.2
58	B. D.+26°796.	7	6 23.58	+ 0.26	+ 1.81	347 21 59.92	44.050	+ 0.59	− 13.2	5 6 25.65	− 4.56	+26 20 21.8	+ 4.2
59	B. D.+27°744.	7	10 50.16	+ 0.27	+ 1.81	348 36 1.38	49.600	+ 0.59	− 11.8	5 10 52.24	− 4.59	+27 36 31.5	+ 4.9
60	B. D.+26°805.	7	13 48.35	+ 0.26	+ 1.81	347 9 57.15	46.920	+ 0.59	− 13.4	5 13 50.42	− 4.52	+26 9 24.4	+ 5.0
61	B. D.+18°831.	7	16 0.47	+ 0.23	+ 1.81	339 49 55.75	45.178	+ 0.59	− 21.6	5 16 2.51	− 4.26	+18 48 35.0	+ 3.8
62	B. D.+23°909.	7	18 57.12	+ 0.25	+ 1.81	344 31 57.10	42.950	+ 0.59	− 16.3	5 18 59.18	− 4.41	+23 29 50.7	+ 5.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 1 4	29.89	44.9	43.8
1 29	......	....	42.8
1 57	29.86	43.5	42.2
2 24	......	....	41.7
2 45	29.87	42.5	41.2
3 13	......	....	41.0
3 43	29.85	41.7	40.3
4 28	29.82	41.0	40.0
4 56	......	....	39.3
5 12	29.805	40.6	39.2

Micrometer bisections are made at II, VI, except as noted below.

1, 17, 34, 42–45. Bisections at VI, VII.
9, 33, 41, 50. Bisections at I, II.
48. Bisections at II, VI, VII.
61. Bisections at II, VII.

Note.

1–20. Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r¹	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+21°847	7	21 50.70	+ 0.24	+ 1.81	342 51 56.78	46.575	+ 0.59	− 18.1	5 21 52.75	− 4.34	+21 51 11.4	+ 5.0
2	B. D.+21°865	7	24 21.76	+ 0.24	+ 1.81	342 19 58.28	43.840	+ 0.59	− 18.8	5 24 23.81	− 4.31	+21 18 9.7	+ 5.2
3	B. D.+16°794 (*pr.*)−	7	26 38.88	+ 0.22	+ 1.81	337 59 58.42	46.610	+ 0.59	− 23.8	5 26 40.91	− 4.16	+16 59 8.2	+ 4.6
4	B. D.+25°879	7	30 31.83	+ 0.26	+ 1.82	346 53 58.55	44.550	+ 0.59	− 13.7	5 30 33.91	− 4.44	+25 52 31.3	+ 6.8
5	B. D.+25°902	7	33 45.81	+ 0.26	+ 1.82	346 49 58.28	49.672	+ 0.59	− 13.7	5 33 47.89	− 4.42	+25 50 28.1	+ 7.2
6	B. D.+18°923	7	37 13.40	+ 0.23	+ 1.82	339 57 58.32	43.378	+ 0.59	− 21.5	5 37 15.45	− 4.18	+18 55 56.6	+ 6.0
7	B. D.+15°926	7	41 12.82	+ 0.22	+ 1.82	336 47 57.32	46.410	+ 0.59	− 25.2	5 41 14.86	− 4.07	+15 47 1.1	+ 5.8
8	B. D.+29°1009	7	43 7.71	+ 0.28	+ 1.82	350 41 57.72	47.098	+ 0.59	− 9.6	5 43 9.81	− 4.52	+29 41 32.8	+ 9.0
9	B. D.+22°1080	7	47 31.06	+ 0.24	+ 1.82	343 3 58.80	45.940	+ 0.59	− 17.9	5 47 33.12	− 4.23	+22 2 59.2	+ 7.8
10	B. D.+24°1033	7	51 1.82	+ 0.25	+ 1.82	345 15 59.62	43.242	+ 0.59	− 15.5	5 51 3.89	− 4.28	+24 14 0.7	+ 8.7
11	B. D.+27°945	7	54 56.91	+ 0.27	+ 1.82	348 33 58.32	48.150	+ 0.59	− 11.9	5 54 59.00	− 4.38	+27 33 55.2	+ 9.9
12	B. D.+25°1100	7	58 14.44	+ 0.26	+ 1.83	346 27 58.30	45.132	+ 0.59	− 14.2	5 58 16.53	− 4.29	+25 26 43.9	+ 9.7
13	B. D.+16°1000	7	1 22.44	+ 0.22	+ 1.83	337 13 58.42	41.402	+ 0.59	− 24.7	6 1 24.49	− 4.00	+16 11 8.3	+ 7.7
14	B. D.+28°1036	.	.. ..	....	....	349 56 0.12	46.798	+ 0.59	− 10.4	6 5	.....	+28 55 27.5	+11.2
15	B. D.+22°1220	7	6 28.33	+ 0.25	+ 1.83	343 57 59.08	42.488	+ 0.59	− 16.9	6 6 30.41	− 4.16	+22 55 41.8	+ 9.9
16	B. D.+25°1180	7	9 27.49	+ 0.26	+ 1.83	346 21 57.20	47.498	+ 0.59	− 14.2	6 9 29.58	− 4.22	+25 21 37.1	+10.8
17	B. D.+27°1054	7	12 18.24	+ 0.27	+ 1.83	348 16 0.00	44.942	+ 0.59	− 12.2	6 12 20.34	− 4.27	+27 14 43.2	+11.6
18	B. D.+29°1190	7	15 2.57	+ 0.28	+ 1.83	350 36 0.62	45.278	+ 0.59	− 9.7	6 15 4.68	− 4.34	+29 34 54.0	+12.5
19	B. D.+17°1224 (*mean*)	7	17 12.51	+ 0.22	+ 1.83	338 37 58.68	46.632	+ 0.59	− 23.0	6 17 14.56	− 3.95	+17 37 9.7	+ 9.6
20	B. D.+20°1427	7	22 1.55	+ 0.24	+ 1.84	341 51 56.88	45.575	+ 0.59	− 19.3	6 22 3.63	− 4.02	+20 50 47.5	+10.9
21	Neptune C, C	7	24 33.23	+ 0.25	+ 1.84	343 15 58.48	45.438	+ 0.59	− 17.7	6 24 35.32	.....	+22 14 47.5	....
22	γ Geminorum	7	32 8.31	+ 0.22	+ **1.87**	337 29 57.10	45.745	+ 0.59	− 24.4	6 32 10.37	.....	+16 28 46.5	....
23	δ Monocerotis	7	35 39.76	+ 0.19	+ **1.92**	330 59 58.38	46.648	+ 0.59	− 32.6	6 35 41.79	.....	+ 9 58 59.6	....
	November 9, Br.												
24	Moon II, S	7	41 52.99	+ 0.25	+ 1.73	336 49 59.30	42.558	+ 0.44	− 25.2	7 41 54.97	−70.37	+15 47 34.9	....
25	1 Cancri	7	51 30.44	+ 0.24	+ 1.73	337 3 59.45	45.520	+ 0.44	− 24.9	7 51 32.41	.....	+16 2 43.3	....
26	χ Geminorum	7	57 35.25	+ 0.30	+ **1.74**	349 4 1.22	47.352	+ 0.44	− 11.3	7 57 37.29	.....	+28 3 40.3	....
27	3 H. Ursæ Majoris	7	3 13.04	+ 0.70	+ 1.74	29 46 3.02	43.810	+ 0.44	+ 33.8	8 3 15.48	.....	+68 45 6.2	....
28	20 Puppis	7	8 53.58	+ 0.06	+ 1.74	305 31 57.05	46.630	+ 0.44	−1 22.2	8 8 55.38	.....	−15 29 51.2	....
29	31 Lyncis	7	16 13.45	+ 0.39	+ 1.74	4 30 1.25	46.360	+ 0.44	+ 4.7	8 16 15.58	.....	+43 29 33.2	....
30	30 Monocerotis	7	20 49.89	+ 0.14	+ **1.78**	317 25 58.72	46.098	+ 0.44	− 54.0	8 20 51.78	.....	− 3 35 33.5	....
31	110 B. Lyncis	7	26 38.13	+ 0.36	+ 1.75	359 22 2.25	43.948	+ 0.44	− 0.6	8 26 40.24	.....	+38 20 33.9	....
32	212 H^1. Draconis s. p.	4	30 24.58	− 0.26	+ 1.75	68 46 3.55	44.190	+ 0.44	+2 31.2	20 30 26.07	.....	+72 12 46.8	....
33	γ Cancri	7	37 41.59	+ 0.27	+ **1.69**	342 49 59.52	45.230	+ 0.44	− 18.2	8 37 43.61	.....	+21 48 43.4	....
34	ε Hydræ	7	41 39.45	+ 0.19	+ **1.69**	327 47 59.25	44.852	+ 0.44	− 37.0	8 41 41.39	.....	+ 6 46 15.5	....
35	α Cancri	7	53 11.92	+ 0.22	+ **1.75**	333 15 59.68	43.085	+ 0.44	− 29.6	8 53 13.90	.....	+12 13 43.0	....
36	σ^2 Ursæ Majoris	7	1 53.15	+ 0.67	+ 1.76	28 32 3.52	44.043	+ 0.44	+ 32.1	9 1 55.58	.....	+67 31 10.4	....
37	θ Hydræ	7	9 19.96	+ 0.17	+ **1.73**	323 43 59.80	47.550	+ 0.44	− 43.1	9 9 21.89	.....	+ 2 43 11.6	....
38	40 Lyncis	7	15 9.67	+ 0.33	+ 1.77	355 50 0.40	42.055	+ 0.44	− 4.3	9 15 11.77	.....	+34 47 45.6	....
39	α Hydræ	7	22 50.03	+ 0.11	+ **1.72**	312 47 58.32	44.198	+ 0.44	−1 3.6	9 22 51.91	.....	− 8 14 26.9	....
40	ξ Leonis	7	26 43.76	+ 0.22	+ **1.79**	332 43 58.92	47.815	+ 0.44	− 30.3	9 26 45.75	.....	+11 43 29.6	....
41	κ Hydræ	7	35 40.04	+ 0.08	+ 1.77	307 9 57.48	41.615	+ 0.44	−1 17.7	9 35 41.89	.....	−13 53 41.1	....
42	11 Cephei s. p.	7	40 31.37	− 0.21	+ 1.77	70 6 4.30	44.358	+ 0.44	+2 42.5	21 40 32.93	.....	+70 52 30.2	....
43	μ Leonis	7	47 15.37	+ 0.29	[+ **1.74**]	347 28 0.55	46.925	+ 0.44	− 13.1	9 47 17.44	.....	+26 27 27.8	....
44	19 Leonis Minoris	7	51 45.10	+ 0.37	+ 1.78	2 32 1.42	43.968	+ 0.44	+ 2.7	9 51 47.25	.....	+41 30 37.1	....
45	η Leonis	7	2 3.15	+ 0.24	[+ **1.68**]	338 14 0.52	48.332	+ 0.44	− 23.5	10 2 5.17	.....	+17 13 49.8	....
46	Venus II, S	7	6 24.55	+ 0.17	+ 1.81	320 39 57.52	44.208	+ 0.73	− 48.0	12 6 26.53	− 1.05	− 0 22 11.6	....
	November 10, Br.												
47	Sun I	7	57 26.94	+ 0.06	+ 1.87	304 6	......	....	. ....	14 57 28.87	+67.86	.. ..	....
48	Sun II	7	59 42.66	+ 0.06	+ 1.87	... .	......	....	. ....	14 59 44.59	−67.86	.. ..	....
49	μ Capricorni	7	48 1.44	+ 0.01	+ **1.93**	307 1 55.25	45.508	+ 1.96	−1 15.1	21 48 3.45	.....	−14 0 10.0	....
50	134 G. Capricorni	7	53 20.24	− 0.05	+ 2.00	299 23 53.48	45.898	+ 1.96	−1 40.3	21 53 22.19	− 2.88	−21 38 27.9	−17.6
51	16 Cephei	7	57 52.39	+ 0.80	+ 2.00	33 44 3.65	45.340	+ 1.96	+ 38.1	21 57 55.19	− 3.22	+72 43 47.6	−39.8
52	μ Piscis Australis	7	2 44.72	− 0.15	+ 2.00	287 35 57.25	46.415	+ 1.96	−2 56.5	22 2 46.57	− 2.95	−33 27 28.6	−13.6
53	λ Piscis Australis	7	8 50.09	− 0.10	+ 2.01	292 47 55.80	46.881	+ 1.96	−2 14.0	22 8 52.00	− 2.95	−28 14 36.9	−15.4
54	γ Aquarii	7	16 39.69	+ 0.08	+ **2.03**	319 9 56.82	44.332	+ 1.96	− 49.0	22 16 41.78	.....	− 1 52 9.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 5 32	......	....	38.9
5 52	29.81	40.0	39.0
6 20	......	....	39.3
6 37	29.80	39.7	39.1
7 42	29.78	40.0	39.0
8 38	......	....	39.1
8 58	29.775	39.9	39.5
9 52	......	....	38.0
10 2	29.78	39.0	37.9
12 6	29.795	41.8	41.4
10 21 48	29.72	54.0	56.2
22 3	......	....	56.1
22 17	29.72	53.8	....

Micrometer bisections are made at II, VI, except as noted below.

15, 16, 25, 38, 42. Bisections at VI, VII.
21, 46, 52, 53. Bisections at I, II, VI, VII.
24. Bisections at II, III, IV, V, VI.
27, 36, 51. Bisections at III, IV, V.
29, 31, 41, 43. Bisections at I, II.
32. Bisections at II, V.
33. Bisection at VI.
50. Bisections at II, VI, VII.

Notes.

24, 28, 30–33, 35–37. Clouds.
42. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
21	+ 0.1	.. ..	...	+ 0.1
24	+23 4.9	+16 11.2	...	+39 16.1
46	+ 10.1	+ 15.6	...	+ 25.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Aquarii (*mean*)	7	23 51.19	+ 0.09	+ 2.01	320 31 56.42	43.128	+ 1.96	− 46.7	22 23 53.29	− 3.00	− 0 30 34.6	−24.9
2	υ Aquarii	7	29 24 46	− 0.04	+ 2.01	299 49 56.98	46.882	+ 1.96	−1 38.6	22 29 26.43	− 3.01	−21 12 0.2	−17.9
3	49 G. Piscis Australis	7	33 23.97	− 0.15	+ 2.02	287 27 59.35	47.805	+ 1.96	−2 57.9	22 33 25.84	− 3.04	−33 34 55.8	−13.8
4	η Pegasi	7	38 28.27	+ 0.25	+ **2.01**	350 43 59.28	46.600	+ 1.96	− 9.2	22 38 30.54	.....	+29 43 24.7	....
5	τ Aquarii	7	44 28.51	+ 0.01	+ 2.02	306 55 56.02	46.110	+ 1.96	−1 15.4	22 44 30.54	− 3.07	−14 5 56.0	−20.2
6	γ Piscis Australis	7	47 9.36	− 0.15	+ 2.02	287 39 56.80	47.265	+ 1.96	−2 55.9	22 47 11.23	− 3.07	−33 23 8.9	−13.9
7	α Piscis Australis	7	52 18.80	− 0.12	+ 2.02	290 55 57.10	43.897	+ 1.96	−2 27.2	22 52 20.70	.....	−30 7 56.9	....
8	β Pegasi	7	59 5.41	+ 0.23	+ **2.06**	348 33 58.68	48.175	+ 1.96	− 11.4	22 59 7.67	.....	+27 33 58.0	....
9	59 Pegasi	7	6 51.44	+ 0.14	+ 2.03	329 13 58.35	44.135	+ 1.96	− 33.8	23 6 53.61	− 3.28	+ 8 12 3.0	−26.9
10	ψ¹ Aquarii	7	10 49.81	+ 0.04	+ 2.03	311 25 56.28	43.800	+ 1.96	−1 4.3	23 10 51.88	− 3.20	− 9 36 37.4	−21.4
11	[illegible] Cephei	7	14 40.83	+ 0.65	+ 2.03	28 35 59.32	45.073	+ 1.96	+ 31.1	23 14 43.51	.....	+67 35 30.2	....
12	4 Cassiopeiæ	7	20 33.80	+ 0.54	+ 2.03	22 45 58.35	45.818	+ 1.96	+ 24.0	23 20 36.37	.....	+61 45 39.2	....
13	1 H. Cassiopeiæ	7	25 35 15	+ 0.48	+ 2.04	19 1 57.20	45.578	+ 1.96	+ 19.7	23 25 37.67	− 4.64	+58 1 28.3	−35.7
14	248 G. Aquarii	7	30 33.10	+ 0 04	+ 2.04	313 1 57.72	46.015	+ 1.96	−1 0.8	23 30 35.18	− 3.29	− 7 59 41.7	−21.5
15	ι Piscium	7	34 58.95	+ 0.12	+ **2.03**	326 7 58.25	45.432	+ 1.96	− 38.1	23 35 1.11	.....	+ 5 6 28.0	....
16	φ Pegasi	7	47 34.53	+ 0.19	+ **2.07**	339 35 58.75	47.085	+ 1.96	− 21.1	23 47 36.76	.....	+18 35 23.4	....
17	ω Piscium	4	54 21.22	+ 0.12	+ **2.02**	327 21 58.10	44.125	+ 1.96	− 36.4	23 54 23.39	.....	+ 6 20 0.1	....
18	2 Ceti	7	58 47.61	− 0.02	+ **2.03**	303 9 56.18	45.715	+ 1.96	−1 26.8	23 58 49.64	.....	−17 52 16.0	....
19	6 B. Ursæ Minoris s. P.	7	13 39.00	− 6.00	+ 2.05	52 45 58.85	45.250	+ 1.96	+1 15.0	12 13 35.05	.....	+88 13 41.3	....
20	α Ursæ Minoris	5	25 24.08	+ 9.26	+ 2.08	49 48 0.32	44.220	+ 1.96	+1 7.7	1 25 35.42	.....	+88 47 48.2	....
	November 10, R.												
21	Moon II, S.	7	41 58.68	+ 0.16	+ 2.35	334 9 58.28	44.812	+ 1.04	− 28.0	8 42 1.19	−69.38	+13 8 23.3	....
22	θ Hydræ	7	9 19.41	+ 0.11	+ **2.37**	323 43 57.80	47.598	+ 1.04	− 42.5	9 9 21.85	.....	+ 2 43 12.0	....
23	40 Lyncis	7	15 9.14	+ 0.27	+ 2.34	355 49 59.00	42.108	+ 1.04	− 4.2	9 15 11.75	.....	+34 47 46.1	....
24	1 H. Draconis	7	23 18.16	+ 1.47	+ 2.34	42 46 2.68	42.005	+ 1.04	+ 53.9	9 23 21.97	.....	+81 44 44.1	....
25	10 Leonis	7	32 5.56	+ 0.13	+ 2.34	328 17 57.75	44.148	+ 1.04	− 35.9	9 32 8.03	− 2.60	+ 7 15 59.6	+16.5
26	ο Leonis	7	35 58.58	+ 0.15	+ **2.37**	331 21 57.68	43.328	+ 1.04	− 31.8	9 36 1.07	.....	+10 19 44.9	....
27	μ Leonis	7	47 14.86	+ 0.23	[+ **2.34**]	347 28 0.25	46.915	+ 1.04	− 12.9	9 47 17.44	.....	+26 27 28.3	....
28	19 Leonis Minoris	7	51 44.52	+ 0.32	+ 2.35	2 32 0.45	43.992	+ 1.04	+ 2.6	9 51 47.19	.....	+41 30 37.2	....
29	16 Cephei s. P.	7	57 53.33	− 0.40	+ 2.35	68 16 2.45	41.962	+ 1.04	+2 25.8	21 57 55.28	− 3.18	+72 43 43.4	−39.9
30	η Leonis	7	2 2.55	+ 0.18	[+ **2.37**]	338 13 59.70	48.312	+ 1.04	− 23.2	10 2 5.08	.....	+17 13 49.7	....
31	λ Ursæ Majoris	7	11 14.50	+ 0.33	+ 2.36	4 26 1.62	40.912	+ 1.04	+ 4.6	10 11 17.19	.....	+43 23 29.9	....
32	μ Ursæ Majoris	7	16 32.66	+ 0.32	+ 2.36	3 0 0.92	44.470	+ 1.04	+ 3.1	10 16 35.34	.....	+41 58 49.1	....
33	μ Hydræ	7	21 23.81	0.00	[+ **2.45**]	304 39 55.98	50.025	+ 1.04	−1 24.0	10 21 26.17	.....	−16 20 35.9	....
34	ρ Leonis	7	27 41.96	+ 0.15	[+ **2.45**]	330 47 58.28	49.455	+ 1.04	− 32.5	10 27 44.47	.....	+ 9 48 4.8	....
35	37 Leonis Minoris	7	33 15.20	+ 0.26	+ 2.36	353 29 59.30	43.912	+ 1.04	− 6.6	10 33 17.82	.....	+32 28 25.0	....
36	41 Leonis Minoris	7	38 8.11	+ 0.21	[+ **2.41**]	344 41 59.65	46.972	+ 1.04	− 15.9	10 38 10.69	.....	+23 41 26.0	....
37	ν Hydræ	7	44 50.16	0.00	+ 2.37	305 21 56.35	42.860	+ 1.04	−1 22.0	10 44 52.53	.....	−15 41 17.2	....
38	54 Leonis	7	50 21.11	+ 0.22	+ 2.37	346 18 0.05	42.300	+ 1.04	− 14.2	10 50 23.70	− 1.97	+25 15 41.4	+22.2
39	β Ursæ Majoris	7	55 57.90	+ 0.46	+ 2.37	17 56 2.22	40.702	+ 1.04	+ 19.0	10 56 0.73	.....	+56 53 40.1	....
40	θ Leonis	7	9 8.38	+ 0.18	[+ **2.43**]	336 57 59.28	47.020	+ 1.04	− 24.8	11 9 10.94	.....	+15 57 18.1	....
41	ν Ursæ Majoris	7	13 13.41	+ 0.27	+ 2.38	354 37 59.62	45.485	+ 1.04	− 5.4	11 13 16.06	.....	+33 37 2.5	....
42	ι Leonis	7	18 51.46	+ 0.15	+ 2.38	332 3 57.75	47.992	+ 1.04	− 30.9	11 18 53.99	− 1.91	+11 3 32.5	+16.6
43	Venus II, S.	7	9 40.67	+ 0.10	+ 2.42	320 25 57.30	45.569	+ 0.97	− 47.9	12 9 43.19	− 1.04	− 0 35 40.4	....
	November 11, R.												
44	Sun I, N.	7	1 28.73	− 0.02	+ 2.49	304 3 56.62	46.050	+ 1.40	−1 23.6	15 1 31.20	+67.93	−16 58 5.7	....
45	Sun II, S.	7	3 44.59	− 0.02	+ 2.49	303 31 57.00	45.102	+ 1.40	−1 25.3	15 3 47.06	−67.93	−17 30 27.8	....
	November 11, L.												
46	3 H. Ursæ Majoris	7	3 12.26	+ 0.71	+ 2.74	29 45 57.28	44.015	+ 1.96	+ 33.4	8 3 15.71	.....	+68 45 6.0	....
47	20 Puppis	7	8 52.86	− 0.09	+ 2.75	305 31 57.05	46.575	+ 1.96	−1 21.2	8 8 55.52	.....	−15 29 49.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 22 33	......	....	56.0
22 52	......	....	55.9
23 21	......	....	55.5
23 26	29.725	53.0	....
23 48	......	....	55.6
23 59	29.725	52.8	55.2
0 19	......	....	55.1
1 26	29.73	51.5	53.6
8 42	29.72	45.8	45.8
9 9	......	....	46.0
9 40	29.735	44.0	43.9
10 5	......	....	43.3
10 41	29.75	43.8	43.2
11 7	......	....	43.1
11 19	29.75	44.3	43.2
12 10	29.76	47.6	46.0
11 15 1	29.71	56.2	56.9
8 3	[illegible]	46.7	44.2

Micrometer bisections are made at II, VI, except as noted below.

1, 3, 17, 23, 24, 30, 40.	Bisections at VI, VII.
2, 6, 7.	Bisections at II, VI, VII.
5, 10, 15.	Bisections at I, II.
11, 12, 13, 19, 21.	Bisections at III, IV, V.
20.	Bisections at b_4, b_5, b_6.
43, 47.	Bisections at I, II, VI, VII.
44.	Bisections at I, II, III.
45.	Bisections at V, VI, VII.

Notes.

6, 20.	Unsteady.
46, 47.	Diffuse.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
21	+25 34.1	+16 10.6	...	+41 44.7
43	+ 10.1	+ 15.4	...	+ 25.5
44	+ 7.3	−16 11.0	...	−16 3.7
45	+ 7.4	+16 11.0	...	+16 18.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	31 Lyncis.	7	16 12.62	+ 0.30	+ 2.75	4 29 57.50	46.435	+ 1.96	+ 4.7	8 16 15.67	.....	+43 29 33.0	....
2	30 Monocerotis.	7	20 49.14	0.00	+ **2.73**	317 25 56.60	46.175	+ 1.96	− 53.4	8 20 51.89	.....	− 3 35 31.8	....
3	110 B. Lyncis.	7	26 37.30	+ 0.26	+ 2.75	359 21 58.65	44.038	+ 1.96	− 0.6	8 26 40.31	.....	+38 20 34.1	....
4	212 H¹. Draconis s. P.	7	30 23.70	− 0.56	+ 2.75	68 45 56.25	44.462	+ 1.96	+2 29.5	20 30 25.89	.....	+72 12 48.2	....
5	γ Cancri.	7	37 40.67	+ 0.15	+ **2.80**	342 49 56.02	45.360	+ 1.96	− 18.0	8 37 43.58	.....	+21 48 44.4	....
6	ε Hydræ.	7	41 38.60	+ 0.06	+ **2.74**	327 47 57.08	44.915	+ 1.96	− 36.7	8 41 41.42	.....	+ 6 46 16.6	....
7	76 Draconis s. P.	7	49 34.78	− 1.45	+ 2.76	58 47 54.90	46.388	+ 1.96	+1 36.5	20 49 36.09	.....	+82 10 58.5	....
8	κ Ursæ Majoris.	7	57 0.66	+ 0.33	+ 2.76	8 33 59.92	41.980	+ 1.96	+ 8.9	8 57 3.75	.....	+47 31 57.8	....
9	σ² Ursæ Majoris.	7	1 52.52	+ 0.64	+ 2.77	28 31 57.75	44.180	+ 1.96	+ 31.9	9 1 55.93	.....	+67 31 8.7	....
10	θ Hydræ.	7	9 19.15	+ 0.04	+ **2.73**	323 43 57.02	47.622	+ 1.96	− 42.8	9 9 21.96	.....	+ 2 43 12.3	....
11	40 Lyncis.	7	15 8.82	+ 0.22	+ 2.77	355 49 57.72	42.132	+ 1.96	− 4.2	9 15 11.81	.....	+34 47 46.1	....
12	1 H. Draconis.	7	23 18.21	+ 1.60	+ 2.77	42 45 58.92	42.155	+ 1.96	+ 54.2	9 23 22.58	.....	+81 44 46.1	....
13	ξ Leonis.	7	26 42.89	+ 0.09	+ **2.85**	332 43 57.50	47.762	+ 1.96	− 30.1	9 26 45.76	.....	+11 43 28.8	....
14	κ Hydræ.	7	35 39.21	− 0.07	+ 2.78	307 9 56.05	41.655	+ 1.96	−1 17.1	9 35 41.92	.....	−13 53 39.5	....
15	Moon II, S.	7	40 16.99	+ 0.08	+ 2.78	330 37 57.02	44.628	+ 1.96	− 32.9	9 40 19.85	−68.26	+ 9 36 13.8	....
16	μ Leonis.	7	47 14.55	+ 0.17	+ **2.75**	347 27 57.18	47.032	+ 1.96	− 13.0	9 47 17.50	.....	+26 27 28.7	....
17	19 Leonis Minoris.	7	51 44.22	+ 0.27	+ 2.79	2 31 58.68	44.048	+ 1.96	+ 2.7	9 51 47.28	.....	+41 30 37.7	....
18	π Leonis.	7	55 4.99	+ 0.07	[+ **2.75**]	329 31 56.32	45.020	+ 1.96	− 34.4	9 55 7.85	.....	+ 8 30 20.6	....
19	η Leonis.	7	2 2.27	+ 0.12	[+ **2.74**]	338 13 57.70	48.442	+ 1.96	− 23.4	10 2 5.18	.....	+17 13 51.1	....
20	λ Ursæ Majoris.	7	11 14.13	+ 0.28	+ 2.79	4 25 57.92	41.028	+ 1.96	+ 4.6	10 11 17.20	.....	+43 23 29.8	....
21	γ Leonis (*pr.*).	7	14 37.06	+ 0.13	[+ **2.75**]	341 19 56.98	47.690	+ 1.96	− 19.8	10 14 39.98	.....	+20 19 36.8	....
22	30 H. Camelopardalis.	7	19 13.26	+ 1.77	+ 2.80	44 3 59.18	41.395	+ 1.96	+ 56.9	10 19 17.83	+ 0.46	+83 2 31.8	+38.1
23	9 H. Draconis.	7	26 48.93	+ 0.94	+ 2.80	37 13 57.40	41.072	+ 1.96	+ 44.7	10 26 52.67	.....	+76 12 10.4	....
24	37 Leonis Minoris.	7	33 14.87	+ 0.20	+ 2.80	353 29 56.55	44.010	+ 1.96	− 6.6	10 33 17.87	.....	+32 28 25.4	....
25	41 Leonis Minoris.	7	38 7.76	+ 0.15	[+ **2.85**]	344 41 54.80	47.152	+ 1.96	− 16.0	10 38 10.71	.....	+23 41 26.1	....
26	Venus II, S.	7	12 59.59	+ 0.03	+ 2.84	320 11 57.62	45.641	+ 1.95	− 48.5	12 13 2.46	− 1.02	− 0 49 38.0	....
27	Mercury C, C.	7	46 13.07	− 0.05	+ 2.90	305 35 56.92	43.055	+ 1.95	−1 20.5	14 46 15.92	0.00	−15 27 9.8	....
	November 12, L.												
28	Sun I, N.	7	5 31.44	− 0.07	+ 2.90	303 47 55.88	44.497	+ 1.95	−1 26.0	15 5 34.27	+68.05	−17 14 43.8	....
29	Sun II, S.	7	7 47.55	− 0.07	+ 2.90	303 15 55.72	43.693	+ 1.95	−1 27.8	15 7 50.38	−68.06	−17 47 3.3	....
30	134 G. Capricorni.	7	53 19.25	− 0.14	+ 3.06	299 23 56.38	45.970	+ 1.56	−1 42.8	21 53 22.17	− 2.85	−21 38 26.6	−17.4
31	16 Cephei.	7	57 51.08	+ 0.90	+ 3.06	33 43 59.38	45.472	+ 1.56	+ 39.0	21 57 55.04	− 3.07	+72 43 46.8	−40.0
32	μ Piscis Australis.	7	2 43.76	− 0.27	+ 3.06	287 35 57.30	46.635	+ 1.56	−3 0.9	22 2 46.55	− 2.91	−33 27 28.3	−13.4
33	π Pegasi.	7	5 40.29	+ 0.24	+ 3.06	353 43 59.02	44.725	+ 1.56	− 6.3	22 5 43.59	.....	+32 42 44.4	....
34	1 H. Lacertæ.	7	9 42.45	+ 0.29	+ 3.06	0 15 59.62	44.192	+ 1.56	+ 0.3	22 9 45.80	− 2.98	+39 14 39.3	−36.1
35	γ Aquarii.	7	16 38.69	+ 0.01	+ **3.07**	319 9 57.32	44.455	+ 1.56	− 50.2	22 16 41.77	.....	− 1 52 7.8	....
36	3 Lacertæ.	7	19 44.45	+ 0.41	+ 3.07	12 46 0.10	45.162	+ 1.56	+ 13.3	22 19 47.96	.....	+51 45 14.7	....
37	ζ Aquarii (*mean*).	7	23 50.14	+ 0.02	+ 3.07	320 31 56.52	43.240	+ 1.56	− 47.9	22 23 53.23	− 2.97	− 0 30 33.8	−24.8
38	υ Aquarii.	7	29 23.49	− 0.14	+ 3.07	299 49 55.15	47.128	+ 1.56	−1 41.0	22 29 26.42	− 2.98	−21 11 59.4	−17.7
39	10 Lacertæ.	7	34 54.32	+ 0.28	+ 3.07	359 33 58.42	46.145	+ 1.56	− 0.4	22 34 57.67	.....	+38 33 21.5	....
40	η Pegasi.	7	38 27.21	+ 0.21	+ **3.08**	350 43 58.35	46.732	+ 1.56	− 9.4	22 38 30.50	.....	+29 43 25.9	....
41	ι Cephei.	7	46 13.97	+ 0.66	+ 3.08	26 41 59.78	46.680	+ 1.56	+ 29.4	22 46 17.71	.....	+65 42 5.0	....
42	α Piscis Australis.	7	52 17.80	− 0.23	+ 3.08	290 55 55.80	44.191	+ 1.56	−2 30.9	22 52 20.65	.....	−30 7 55.6	....
43	β Pegasi.	7	59 4.36	+ 0.20	+ **3.11**	348 33 59.22	48.238	+ 1.56	− 11.7	22 59 7.64	.....	+27 33 59.2	....
44	55 Pegasi.	7	2 7.19	+ 0.08	+ 3.08	329 53 57.48	48.305	+ 1.56	− 33.7	23 2 10.35	− 3.24	+ 8 53 37.4	−27.2
45	59 Pegasi.	7	6 50.42	+ 0.08	+ 3.09	329 13 56.98	44.345	+ 1.56	− 34.7	23 6 53.59	− 3.27	+ 8 12 5.1	−26.9
46	ψ¹ Aquarii.	7	10 48.75	− 0.04	+ 3.09	311 25 56.70	43.918	+ 1.56	−1 6.0	23 10 51.80	− 3.17	− 9 36 36.5	−21.2
47	ο Cephei.	7	14 39.66	+ 0.71	+ 3.09	28 35 59.55	45.070	+ 1.56	+ 31.9	23 14 43.46	.....	+67 35 30.5	....
48	4 Cassiopeiæ.	7	20 32.57	+ 0.58	+ 3.09	22 45 59.65	45.740	+ 1.56	+ 24.6	23 20 36.24	.....	+61 45 38.7	....
49	1 H. Cassiopeiæ.	7	25 33.95	+ 0.51	+ 3.09	19 1 59.50	45.485	+ 1.56	+ 20.2	23 25 37.55	− 4.59	+58 1 28.3	−36.0
50	248 G. Aquarii.	7	30 32.02	− 0.03	+ 3.10	313 1 57.48	46.142	+ 1.56	−1 2.4	23 30 35.09	− 3.27	− 7 59 41.0	−21.3
51	ι Piscium.	7	34 57.87	+ 0.06	+ **3.15**	326 7 58.05	45.555	+ 1.56	− 39.1	23 35 1.03	.....	+ 5 6 29.2	....
52	ω² Aquarii.	7	37 41.80	− 0.08	+ 3.10	305 57 56.85	44.715	+ 1.56	−1 20.2	23 37 44.82	.....	−15 4 32.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 8 21	......	....	43.9
8 30	......	....	43.4
8 50	29.72	44.2	42.9
9 9	......	....	42.3
9 27	......	....	41.6
9 40	29.74	42.8	41.2
10 11	......	....	40.7
10 19	......	....	40.6
10 38	29.77	42.2	40.7
12 13	29.815	45.3	44.7
14 46	29.82	50.2	49.0
12 15 8	29.81	50.2	49.2
21 53	29.77	46.9	45.1
22 3	......	....	44.9
22 24	......	....	45.1
22 29	......	....	45.0
22 52	29.775	44.9	44.7
23 7	......	....	44.3
23 31	......	....	44.0

Micrometer bisections are made at II, VI, except as noted below.

2, 38.	Bisections at I, II, VI.
4, 7, 12.	Bisections at III, IV, V.
13.	Bisections at III, VI.
14, 30, 35, 39, 40, 46, 51, 52.	Bisections at I, II.
15.	Bisections at II, III, IV, V, VI.
22.	Bisections at b_3, b_5, b_7.
23, 31.	Bisections at III, V.
26, 27, 32, 42.	Bisections at I, II, VI, VII.
28.	Bisections at I, II, III.
29.	Bisections at V, VI, VII.
33.	Bisections at V, VI.
34, 44.	Bisections at VI, VII.

Notes.

1, 2, 4–7, 32.	Diffuse.
3.	Observed head south.
17, 20.	Observed head north.
22, 23.	Faint.
23, 32.	Unsteady.
42.	Circle reading decreased 2′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+28 45.4	+16 8.7	...	+44 54.1
26	+ 10.0	+ 15.2	...	+ 25.2
27	+ 5.0	.. ....	0.0	+ 5.0
28	+ 7.4	−16 9.8	...	−16 2.4
29	+ 7.4	+16 9.7	...	+16 17.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ψ Andromedæ	7	41 14.26	+ 0.35	+ 3.10	6 53 58.68	46.128	+ 1.56	+ 7.1	23 41 17.71	− 4.24	+45 53 29.2	−33.6
2	φ Pegasi	7	47 33.49	+ 0.14	+ **3.14**	339 35 58.80	47.158	+ 1.56	− 21.7	23 47 36.73	.....	+18 35 24.2	....
3	ψ Pegasi	7	52 49.36	+ 0.18	+ 3.10	345 37 59.25	44.900	+ 1.56	− 14.9	23 52 52.64	− 3.78	+24 36 39.8	−29.1
4	2 Ceti	7	58 46.65	− 0.11	+ **3.06**	303 9 56.48	45.880	+ 1.56	−1 29.1	23 58 49.65	.....	−17 52 14.7	....
5	5 Ceti	7	3 14.41	0.00	+ 3.11	318 1 57.28	47.920	+ 1.56	− 52.5	0 3 17.52	− 3.45	− 2 58 50.9	−21.7
6	κ^2 Sculptoris	7	6 39.38	− 0.21	+ 3.11	292 41 55.52	48.363	+ 1.56	−2 18.5	0 6 42.28	− 3.26	−28 20 8.3	−14.5
7	35 Piscium	7	9 59.45	+ 0.08	+ 3.11	329 17 58.25	47.692	+ 1.56	− 34.6	0 10 2.64	− 3.62	+ 8 17 22.9	−24.4
8	*d* Piscium	7	15 36.72	+ 0.07	+ 3.11	328 39 56.90	48.172	+ 1.56	− 35.5	0 15 39.90	− 3.64	+ 7 39 31.7	−23.9
9	44 Piscium	7	20 26.21	+ 0.03	+ 3.11	322 25 58.85	45.995	+ 1.56	− 44.9	0 20 29.35	.....	+ 1 24 34.5	....
	November 12, Br.												
10	31 Lyncis	7	16 11.92	+ 0.43	+ 3.37	4 29 59.98	46.432	+ 0.28	+ 4.7	8 16 15.72	.....	+43 29 34.0	....
11	30 Monocerotis	7	20 48.46	+ 0.09	+ **3.35**	317 25 58.45	46.115	+ 0.27	− 54.0	8 20 51.92	.....	− 3 35 33.3	....
12	110 B. Lyncis	7	26 36.62	+ 0.38	+ 3.38	359 21 59.68	44.085	+ 0.25	− 0.6	8 26 40.38	.....	+38 20 34.2	....
13	γ Cancri	7	37 40.03	+ 0.27	+ **3.35**	342 49 58.90	45.270	+ 0.22	− 18.2	8 37 43.68	.....	+21 48 43.3	....
14	ε Hydræ	7	41 37.86	+ 0.17	+ **3.40**	327 47 59.65	44.860	+ 0.21	− 37.1	8 41 41.41	.....	+ 6 46 15.8	....
15	76 Draconis s. P.	7	49 34.51	− 1.68	+ 3.38	58 48 0.40	46.235	+ 0.19	+1 37.4	20 49 36.21	.....	+82 10 57.3	....
16	κ Ursæ Majoris	7	56 59.95	+ 0.48	+ 3.39	8 34 0.75	42.070	+ 0.17	+ 8.9	8 57 3.82	.....	+47 31 58.6	....
17	σ^2 Ursæ Majoris	7	1 51.80	+ 0.86	+ 3.39	28 32 0.72	44.158	+ 0.15	+ 32.2	9 1 56.05	.....	+67 31 10.0	....
18	θ Hydræ	7	9 18.41	+ 0.15	+ **3.39**	323 43 59.90	47.545	+ 0.13	− 43.2	9 9 21.95	.....	+ 2 43 11.2	....
19	40 Lyncis	7	15 8.14	+ 0.37	+ 3.39	355 50 2.42	41.958	+ 0.12	− 4.3	9 15 11.90	.....	+34 47 44.9	....
20	ξ Leonis	7	26 42.24	+ 0.22	+ **3.40**	332 43 58.68	47.822	+ 0.09	− 30.3	9 26 45.86	.....	+11 43 29.2	....
21	*A* Hydræ	7	29 41.47	+ 0.10	+ 3.40	315 33 58.35	42.225	+ 0.08	− 57.8	9 29 44.97	− 2.63	− 5 29 6.3	+12.4
22	κ Hydræ	7	35 38.55	+ 0.04	+ 3.40	307 9 56.88	41.685	+ 0.06	−1 17.7	9 35 41.99	.....	−13 53 40.5	....
23	11 Cephei s. P.	7	40 29.78	− 0.51	+ 3.40	70 6 1.78	44.532	+ 0.05	+2 42.4	21 40 32.67	.....	+70 52 30.1	....
24	μ Leonis	7	47 13.82	+ 0.32	+ **3.36**	347 28 0.08	46.955	+ 0.03	− 13.1	9 47 17.55	.....	+26 27 27.8	....
25	19 Leonis Minoris	7	51 43.57	+ 0.44	+ 3.41	2 31 59.98	44.035	+ 0.02	+ 2.7	9 51 47.42	.....	+41 30 36.8	....
26	η Leonis	7	2 1.54	+ 0.27	[+ **3.36**]	338 14 0.18	48.358	− 0.01	− 23.5	10 2 5.22	.....	+17 13 49.3	....
27	λ Hydræ	7	5 50.52	+ 0.07	[+ **3.43**]	309 9 56.32	44.178	− 0.02	−1 12.4	10 5 54.00	.....	−11 52 38.6	....
28	γ Leonis (*pr.*)	7	14 36.29	+ 0.29	[+ **3.40**]	341 20 0.00	47.638	− 0.04	− 19.9	10 14 40.00	.....	+20 19 36.5	....
29	31 Leonis Minoris	7	22 15.06	+ 0.41	+ 3.42	358 12 1.35	47.418	− 0.07	− 1.8	10 22 18.89	.....	+37 11 50.9	....
30	ρ Leonis	7	27 40.98	+ 0.22	[+ **3.42**]	330 47 59.02	49.508	− 0.08	− 32.9	10 27 44.62	.....	+ 9 48 5.0	....
31	Moon II, S	7	36 51.26	+ 0.20	+ 3.43	326 27 58.65	46.848	− 0.10	− 39.1	10 36 54.89	−67.27	+ 5 26 57.9	....
32	Venus S	.	.. ..	....	....	319 57 57.62	44.540	+ 0.36	− 49.2	12 16	.....	− 1 4 5.5	....
	November 13, Br.												
33	Sun S	.	.. ..	....	....	302 59 56.90	42.702	+ 0.36	−1 27.5	15 10	.....	−18 3 26.9	....
34	Sun N	.	.. ..	....	....	303 31 56.70	43.535	+ 0.36	−1 25.8	.. ..	.....	−17 31 5.5	....
	November 20, Br.												
35	θ Hydræ	9	9 21.41	+ 0.48	+ **0.30**	323 43 55.98	47.652	+ 2.36	− 45.4	9 9 22.15	.....	+ 2 43 9.8	....
36	40 Lyncis	9	15 11.25	+ 0.61	+ 0.26	355 49 59.40	41.952	+ 2.36	− 4.5	9 15 12.12	.....	+34 47 43.8	....
37	1 H. Draconis	9	23 22.46	+ 1.54	+ 0.26	42 45 59.90	41.865	+ 2.36	+ 57.5	9 23 24.26	.....	+81 44 44.2	....
38	μ Leonis	9	47 16.95	+ 0.58	+ **0.24**	347 27 57.58	46.918	+ 2.36	− 13.7	9 47 17.80	.....	+26 27 26.2	....
39	19 Leonis Minoris	9	51 46.82	+ 0.65	+ 0.27	2 31 58.90	43.912	+ 2.36	+ 2.8	9 51 47.74	.....	+41 30 35.4	....
40	η Leonis	9	2 4.65	+ 0.55	+ **0.22**	338 13 58.28	48.322	+ 2.36	− 24.7	10 2 5.47	.....	+17 13 48.1	....
41	ζ Leonis	9	11 19.61	+ 0.58	+ **0.32**	344 53 55.68	47.718	+ 2.36	− 16.7	10 11 20.47	.....	+23 53 39.6	....
42	γ Leonis (*pr.*)	9	14 39.37	+ 0.57	+ **0.29**	341 19 57.88	47.560	+ 2.36	− 20.9	10 14 40.22	.....	+20 19 34.0	....
43	30 H. Camelopardalis	5	19 17.70	+ 1.74	+ 0.28	44 4 2.60	41.070	+ 2.36	+1 0.2	10 19 19.72	− 1.22	+83 2 31.5	+39.4
44	ρ Leonis	8	27 44.06	+ 0.53	+ **0.27**	330 47 57.25	49.442	+ 2.36	− 34.6	10 27 44.87	.....	+ 9 48 2.7	....
45	37 Leonis Minoris	9	33 17.36	+ 0.62	+ 0.28	353 29 56.48	43.945	+ 2.36	− 7.0	10 33 18.26	.....	+32 28 23.9	....
46	41 Leonis Minoris	9	38 10.23	+ 0.58	[+ **0.23**]	344 41 56.40	47.000	+ 2.36	− 16.9	10 38 11.09	.....	+23 41 24.0	....
47	*l* Leonis	9	44 11.16	+ 0.54	[+ **0.34**]	332 3 55.12	47.238	+ 2.36	− 32.9	10 44 11.99	.....	+11 3 12.0	....
48	54 Leonis	9	50 23.19	+ 0.59	+ 0.29	346 17 58.70	42.245	+ 2.36	− 15.1	10 50 24.07	− 2.29	+25 15 39.2	+24.3
49	χ Leonis	9	0 2.37	+ 0.53	[+ **0.29**]	328 51 57.45	47.712	+ 2.36	− 37.5	11 0 3.19	.....	+ 7 51 20.5	....
50	θ Leonis	9	9 10.45	+ 0.56	[+ **0.27**]	336 57 56.45	47.075	+ 2.36	− 26.4	11 9 11.30	.....	+15 57 16.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 23 48	29.78	44.1	43.4
0 20	29.78	43.4	42.8
8 16	29.705	39.0	37.9
9 2	....	....	37.8
9 15	29.71	38.6	37.8
9 47	....	....	37.2
10 6	29.72	37.9	36.9
10 15	....	....	37.0
10 37	29.74	37.9	37.0
12 16	29.78	43.4	41.9
13 15 12	29.815	54.2	55.8
20 9 9	30.40	25.7	24.8
10 2	30.40	24.9	24.5
10 38	....	....	24.1
11 0	....	....	24.1

Micrometer bisections are made at II, VI, except as noted below.

5, 12, 16, 22, 26, 30. Bisections at I, II.
6. Bisections at I, II, VI.
10. Bisections at IV, VI, VII.
11, 21, 46. Bisections at VI, VII.
15, 23, 37. Bisections at III, IV, V.
17, 25, 39. Bisections at III, V.
31. Bisections at II, III, IV, V, VI.
32. Bisections at I, II, VI, VII.
33. Bisections at I, II, III.
34. Bisections at V, VI, VII.
43. Bisections at b_6, b_8, b_9.

Note.

23. Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
31	+32 18.8	+16 5.6	...	+48 24.1
32	+ 9.9	+ 15.0	...	+ 24.9
33	+ 7.4	+16 10.7	...	+16 18.1
34	+ 7.4	−16 10.7	...	−16 3.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ν Ursæ Majoris.........	8	13 15.54	+ 0.63	+ 0.29	354 37 55.98	45.508	+ 2.36	− 5.8	11 13 16.46	.....	+33 37 0.5	....
2	β Leonis...............	9	44 7.87	+ 0.57	[+ **0.31**]	336 7 55.02	45.328	+ 2.36	− 27.4	11 44 8.74	.....	+15 6 33.7	....
3	Venus II, S...........	9	44 37.31	+ 0.50	+ 0.34	317 47 55.40	43.647	+ 2.36	− 56.0	12 44 38.15	− 0.90	− 3 14 33.1	....
	November 21, Br.												
4	Sun I, N..............	8	42 40.36	+ 0.40	+ 0.39	301 31 44.15	47.197	+ 2.18	−1 38.8	15 42 41.15	+69.14	−19 30 6.4	....
5	Sun II, S.............	9	44 58.64	+ 0.40	+ 0.39	300 59 44.80	46.132	+ 2.18	−1 40.8	15 44 59.43	−69.14	−20 2 31.3	....
6	θ Pegasi...............	9	5 20.21	+ 0.46	+ **0.54**	326 45 56.80	43.480	+ 1.86	− 39.6	22 5 21.20	.....	+ 5 43 40.5	....
7	θ Aquarii..............	9	11 44.86	+ 0.40	+ **0.49**	312 45 55.50	46.502	+ 1.86	−1 5.2	22 11 45.79	.....	− 8 15 37.2	....
8	γ Aquarii..............	9	16 40.72	+ 0.43	+ **0.49**	319 9 56.58	44.458	+ 1.86	− 52.2	22 16 41.68	.....	− 1 52 9.9	....
9	π Aquarii..............	7	20 21.26	+ 0.44	+ **0.55**	321 55 56.72	43.430	+ 1.86	− 47.3	22 20 22.23	.....	+ 0 53 31.9	....
10	σ Aquarii..............	9	25 32.86	+ 0.39	+ **0.52**	309 51 55.35	45.490	+ 1.86	−1 12.2	22 25 33.78	.....	−11 10 7.5	....
11	η Aquarii..............	9	30 24.29	+ 0.43	+ **0.54**	320 25 56.65	43.065	+ 1.86	− 49.9	22 30 25.25	.....	− 0 36 39.4	....
12	η Pegasi...............	9	38 29.25	+ 0.54	+ **0.56**	350 43 58.50	46.645	+ 1.86	− 9.8	22 38 30.32	.....	+29 43 24.3	....
13	α Piscis Australis......	9	52 19.73	+ 0.28	+ 0.54	290 55 53.58	44.442	+ 1.86	−2 36.8	22 52 20.55	.....	−30 7 57.7	....
14	β Pegasi...............	9	59 6.43	+ 0.54	+ **0.56**	348 34 0.18	48.145	+ 1.86	− 12.2	22 59 7.51	.....	+27 33 57.9	....
15	59 Pegasi...............	9	6 52.50	+ 0.47	+ 0.54	329 13 57.25	44.288	+ 1.86	− 36.0	23 6 53.51	− 3.15	+ 8 12 3.1	−26.5
16	ο Cephei...............	9	14 41.79	+ 0.80	+ 0.55	28 35 57.75	45.122	+ 1.86	+ 33.1	23 14 43.14	.....	+67 35 31.6	....
17	4 Cassiopeiæ...........	9	20 34.78	+ 0.74	+ 0.55	22 45 57.52	45.848	+ 1.86	+ 25.6	23 20 36.07	.....	+61 45 40.5	....
18	1 H. Cassiopeiæ.......	9	25 36.14	+ 0.70	+ 0.55	19 1 57.15	45.590	+ 1.86	+ 21.0	23 25 37.39	− 4.35	+58 1 29.5	−37.2
19	ψ Andromedæ.........	9	41 16.49	+ 0.62	+ 0.55	6 53 55.92	46.290	+ 1.86	+ 7.4	23 41 17.66	− 4.08	+45 53 30.5	−34.6
	November 22, L.												
20	1 H. Draconis.........	9	23 22.26	+ 1.48	+ 0.88	42 45 56.72	42.015	+ 3.17	+ 55.6	9 23 24.62	.....	+81 44 43.2	....
21	A Hydræ...............	9	29 43.92	+ 0.40	+ 0.88	315 33 56.30	42.165	+ 3.17	− 58.7	9 29 45.20	− 2.94	− 5 29 7.8	+14.1
22	κ Hydræ...............	9	35 41.06	+ 0.36	+ 0.88	307 9 56.15	41.570	+ 3.17	−1 19.0	9 35 42.30	.....	−13 53 41.8	....
23	11 Cephei s. p.........	9	40 30.79	+ 0.12	+ 0.88	70 5 56.15	44.436	+ 3.17	+2 45.0	21 40 31.79	.....	+70 52 32.0	....
24	μ Leonis...............	9	47 16.43	+ 0.53	+ **0.89**	347 27 56.32	46.922	+ 3.17	− 13.3	9 47 17.85	.....	+26 27 26.3	....
25	19 Leonis Minoris.......	9	51 46.34	+ 0.59	+ 0.89	2 31 56.02	44.015	+ 3.17	+ 2.7	9 51 47.82	.....	+41 30 35.5	....
26	π Leonis...............	9	55 6.77	+ 0.46	+ **0.92**	329 31 54.68	44.958	+ 3.17	− 35.2	9 55 8.12	.....	+ 8 30 17.9	....
27	η Leonis...............	9	2 4.18	+ 0.50	+ **0.81**	338 13 56.00	48.370	+ 3.17	− 23.9	10 2 5.57	.....	+17 13 48.5	....
28	λ Ursæ Majoris........	9	11 16.21	+ 0.49	+ 0.89	4 25 57.62	40.898	+ 3.17	+ 4.7	10 11 17.59	.....	+43 23 27.8	....
29	γ Leonis (*pr.*)..........	9	14 38.87	+ 0.50	+ **0.93**	341 19 55.62	47.615	+ 3.17	− 20.2	10 14 40.26	.....	+20 19 34.5	....
30	30 H. Camelopardalis....	8	19 17.42	+ 1.54	+ 0.89	44 3 56.90	41.330	+ 3.17	+ 58.2	10 19 19.85	− 1.63	+83 2 30.6	+39.7
31	9 H. Draconis.........	9	26 51.84	+ 1.01	+ 0.89	37 13 56.50	40.950	+ 3.17	+ 45.7	10 26 53.74	.....	+76 12 8.9	....
32	37 Leonis Minoris.......	9	33 16.77	+ 0.55	+ 0.89	353 29 55.42	43.915	+ 3.17	− 6.8	10 33 18.21	.....	+32 28 23.1	....
33	46 Leonis Minoris.......	9	47 54.20	+ 0.55	+ 0.90	355 43 54.35	47.690	+ 3.17	− 4.4	10 47 55.65	.....	+34 43 50.7	....
	November 23, Ei.-Y.												
34	6 B. Ursæ Minoris s. p. .	6	13 43.40	− 3.14	+ 1.27	52 46	......	....	. ....	12 13 41.53	.....	+88 13	....
35	α Ursæ Minoris........	4	25 22.18	+ 5.58	+ 1.28	49 48	......	....	. ....	1 25 29.04	.....	+88 47	....
36	π Piscium..............	9	31 59.69	+ 0.34	+ **1.29**	332 40 0.12	46.410	+ 3.62	− 29.7	1 32 1.31	.....	+11 39 2.7	....
37	ν Piscium..............	9	36 25.23	+ 0.32	+ **1.31**	326 2 0.70	44.330	+ 3.62	− 38.7	1 36 26.83	.....	+ 5 0 6.8	....
38	B. D.+ 5°240.........	8	41 11.65	+ 0.32	+ 1.28	327 3 59.68	47.460	+ 3.62	− 37.2	1 41 13.25	− 3.93	+ 6 3 18.5	−17.4
39	B. D.+ 4°316.........	9	44 28.65	+ 0.32	+ 1.28	326 9 52.10	46.905	+ 3.62	− 38.5	1 44 30.25	− 3.93	+ 5 8 57.0	−17.0
40	B. D.+11°248.........	9	48 21.08	+ 0.34	+ 1.28	333 13 52.00	45.638	+ 3.62	− 29.0	1 48 22.70	− 4.10	+12 12 37.4	−18.0
41	B. D.+ 5°262.........	9	50 15.99	+ 0.32	+ 1.28	326 59 49.95	44.465	+ 3.62	− 37.3	1 50 17.59	− 3.97	+ 5 58 0.3	−16.7
42	B. D.+17°289.........	9	52 5.58	+ 0.36	+ 1.28	338 21 54.78	46.150	+ 3.62	− 22.8	1 52 7.22	− 4.26	+17 20 58.1	−18.5
43	B. D.+ 8°308.........	8	55 39.35	+ 0.33	+ 1.28	329 45 49.50	46.485	+ 3.62	− 33.5	1 55 40.96	− 4.05	+ 8 44 49.8	−16.7
44	B. D.+ 7°321.........	9	59 46.39	+ 0.32	+ 1.29	328 17 47.52	45.872	+ 3.62	− 35.5	1 59 48.00	− 4.03	+ 7 16 31.8	−16.1
45	B. D.+17°315.........	9	2 28.94	+ 0.36	+ 1.29	338 35 51.75	44.692	+ 3.62	− 22.5	2 2 30.59	− 4.31	+17 34 22.0	−17.6
46	B. D.+19°329.........	9	4 22.43	+ 0.36	+ 1.29	340 55 55.48	42.505	+ 3.62	− 19.9	2 4 24.08	− 4.38	+19 53 38.4	−17.7
47	B. D.+13°351.........	9	7 29.95	+ 0.34	+ 1.29	334 29 50.10	44.200	+ 3.62	− 27.4	2 7 31.58	− 4.21	+13 28 4.2	−16.5
48	B. D.+ 6°342.........	9	11 14.73	+ 0.32	+ 1.29	327 31 52.02	48.430	+ 3.62	− 36.5	2 11 16.34	− 4.05	+ 6 31 34.0	−15.0
49	B. D.+16°293.........	9	22 13.97	+ 0.35	+ 1.29	337 13 51.95	45.882	+ 3.62	− 24.1	2 22 15.61	− 4.34	+16 12 47.8	−15.4
50	B. D.+19°365.........	9	25 14.67	+ 0.36	+ 1.29	340 27 52.90	42.968	+ 3.62	− 20.4	2 25 16.32	− 4.45	+19 25 45.9	−15.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 11 24	......	....	24.1
11 44	30.40	24.9	24.2
12 45	30.40	26.9	26.0
21 15 45	30.36	34.6	33.2
22 5	30.24	34.9	34.6
22 52	30.22	34.0	33.5
23 26	......	....	32.8
23 41	30.205	33.0	32.8
22 9 23	29.77	32.0	30.9
9 41	......	....	30.7
10 2	29.77	31.7	30.7
10 19	......	....	30.3
10 48	29.76	31.6	30.7
23 1 34	29.50	44.5	46.1
1 57	29.505	44.8	46.3
2 24	......	....	46.2

Micrometer bisections are made at II, VI, except as noted below.

1, 9, 36, 37, 48. Bisections at VI, VII.
3. Bisections at I, II, VI.
4. Bisections at I, II, III.
5. Bisections at V, VI, VII.
13. Bisections at I, II, VI, VII.
16, 17, 20, 31. Bisections at III, V.
19 Bisection at II.
23. Bisections at II, III, V, VI.
30. Bisections at b_3, b_5, b_7.

Notes.

6–8. Clouds.
13. Very unsteady.
19. Faint.
20–33. Hazy.
25, 28. Observed head north.
44. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+ 9.4	+ 13.5	...	+ 22.9
4	+ 7.6	−16 12.4	...	−16 4.8
5	+ 7.6	+16 12.5	...	+16 20.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+22°368.	9	29 10.59	+ 0.37	+ 1.29	343 33 52.18	45.645	+ 3.62	− 16.9	2 29 12.25	− 4.57	+22 32 49.8	−15.5
2	B. D.+20°433.	9	31 17.91	+ 0.36	+ 1.29	341 17 52.65	46.142	+ 3.62	− 19.4	2 31 19.56	− 4.50	+20 16 59.2	−15.0
3	B. D.+10°352.	9	33 52.48	+ 0.33	+ 1.29	331 15 51.68	42.605	+ 3.62	− 31.4	2 33 54.10	− 4.21	+10 13 25.4	−13.5
4	B. D.+10°360.	9	37 18.06	+ 0.33	+ 1.29	331 21 51.88	43.922	+ 3.62	− 31.3	2 37 19.68	− 4.22	+10 19 55.8	−13.2
5	B. D.+18°344.	9	40 56.45	+ 0.36	+ 1.29	339 25 52.58	49.082	+ 3.62	− 21.4	2 40 58.10	− 4.47	+18 26 4.3	−13.7
6	B. D.+16°355.	9	43 55.44	+ 0.35	+ 1.29	338 5 52.68	43.455	+ 3.62	− 23.0	2 43 57.08	− 4.44	+17 3 54.2	−13.2
7	B. D.+15°400.	9	47 50.26	+ 0.35	+ 1.29	337 7 52.15	42.420	+ 3.62	− 24.1	2 47 51.90	− 4.42	+16 5 28.9	−12.7
8	B. D.+22°406.	9	50 7.52	+ 0.37	+ 1.29	343 13 50.98	45.815	+ 3.62	− 17.2	2 50 9.18	− 4.63	+22 12 52.2	−13.1
9	B. D.+21°397.	9	53 22.31	+ 0.36	+ 1.30	342 15 53.28	43.515	+ 3.62	− 18.3	2 53 23.97	− 4.60	+21 14 0.8	−12.6
10	B. D.+10°401.	9	55 31.02	+ 0.32	+ 1.30	331 31 51.32	42.460	+ 3.62	− 31.0	2 55 32.64	− 4.28	+10 29 22.1	−11.4
11	B. D.+24°431.	9	59 48.25	+ 0.37	+ 1.30	345 53 52.98	45.670	+ 3.62	− 14.3	2 59 49.92	− 4.76	+24 52 53.8	−12.1
12	B. D.+14°518.	9	3 23.04	+ 0.34	+ 1.30	335 59 51.38	44.635	+ 3.62	− 25.4	3 3 24.68	− 4.42	+14 58 17.5	−11.0
13	δ Arietis.	9	6 7.74	+ 0.36	+ **1.33**	340 23 51.98	43.105	+ 3.62	− 20.4	3 6 9.40	.....	+19 21 48.1	....
14	B. D.+18°432.	9	8 26.85	+ 0.35	+ 1.30	339 37 52.52	45.748	+ 3.62	− 21.2	3 8 28.50	− 4.55	+18 36 48.2	−10.7
15	B. D.+21°432.	5	11 50.54	+ 0.36	+ 1.30	342 55 52.18	48.198	+ 3.62	− 17.5	3 11 52.20	− 4.68	+21 55 47.6	−10.5
16	π^3 Orionis.	6	44 37.16	+ 0.30	+ **1.26**	327 48	......	....	.....	4 44 38.78	.....	+ 6 47	....
17	π^5 Orionis.	9	49 14.47	+ 0.28	+ **1.30**	323 18	......	....	.....	4 49 16.07	.....	+ 2 16	....
	November 24, Br.												
18	Sun I, S.	9	55 16.79	+ 0.19	+ 1.28	300 22 7.25	42.788	+ 3.74	−1 39.4	15 55 18.26	+69.52	−20 41 23.0	....
19	Sun II, N.	8	57 35.83	+ 0.19	+ 1.28	300 54 7.58	43.820	+ 3.74	−1 37.3	15 57 37.30	−69.52	−20 8 56.4	....
20	Moon I, S.	9	28 22.78	+ 0.21	+ 1.31	305 31 57.82	46.462	+ 3.06	−1 22.3	20 28 24.30	+63.26	−15 29 51.7	....
21	λ Pegasi.	9	41 52.78	+ 0.43	+ **1.30**	344 3 58.85	48.060	+ 2.78	− 16.9	22 41 54.55	.....	+23 3 50.8	....
22	γ Piscis Australis.	8	47 9.61	+ 0.07	+ 1.34	287 39 56.42	47.615	+ 2.77	−3 4.3	22 47 11.02	− 2.83	−33 23 8.7	−12.4
23	α Piscis Australis.	9	52 18.99	+ 0.10	+ 1.34	290 55 56.45	44.198	+ 2.76	−2 34.3	22 52 20.43	.....	−30 7 57.0	....
24	β Pegasi.	9	59 5.69	+ 0.46	+ **1.34**	348 33 58.85	48.170	+ 2.74	− 12.0	22 59 7.49	.....	+27 33 58.2	....
25	59 Pegasi.	9	6 51.79	+ 0.36	+ 1.34	329 13 57.80	44.202	+ 2.72	− 35.4	23 6 53.49	− 3.11	+ 8 12 3.1	−26.4
26	ο Cephei.	9	14 40.82	+ 0.91	+ 1.34	28 36 0.65	45.015	+ 2.70	+ 32.6	23 14 43.07	.....	+67 35 32.4	....
27	4 Cassiopeiæ.	9	20 33.86	+ 0.79	+ 1.34	22 46 0.28	45.715	+ 2.69	+ 25.1	23 20 35.99	.....	+61 45 40.6	....
28	1 H. Cassiopeiæ.	9	25 35.24	+ 0.73	+ 1.35	19 1 59.98	45.460	+ 2.67	+ 20.7	23 25 37.32	− 4.26	+58 1 30.0	−37.6
29	248 G. Aquarii.	9	30 33.39	+ 0.27	+ 1.35	313 1 57.42	46.062	+ 2.66	−1 3.7	23 30 35.01	− 3.13	− 7 59 43.1	−20.3
30	ι Piscium.	9	34 59.26	+ 0.34	+ **1.35**	326 7 57.75	45.455	+ 2.65	− 40.0	23 35 0.95	.....	+ 5 6 27.0	....
31	ψ Andromedæ.	5	41 15.60	+ 0.59	+ 1.35	6 54 0.55	46.068	+ 2.64	+ 7.3	23 41 17.54	− 4.02	+45 53 31.0	−34.9
32	φ Pegasi.	9	47 34.86	+ 0.42	+ **1.36**	339 35 59.48	47.060	+ 2.62	− 22.1	23 47 36.63	.....	+18 35 23.3	....
33	ψ Pegasi.	9	52 50.76	+ 0.45	+ 1.35	345 38 0.10	44.805	+ 2.61	− 15.2	23 52 52.56	− 3.65	+24 36 39.2	−29.5
34	2 Ceti.	9	58 47.91	+ 0.21	+ **1.35**	303 9 57.42	45.828	+ 2.59	−1 31.0	23 58 49.47	.....	−17 52 15.8	....
35	5 Ceti.	6	3 15.75	+ 0.30	− 1.35	318 1 58.68	47.770	+ 2.58	− 53.5	0 3 17.40	− 3.34	− 2 58 52.4	−20.8
36	6 B. Ursæ Minoris s. P.	8	13 46.96	− 6.53	+ 1.36	52 46 1.88	45.135	+ 2.56	+1 18.6	12 13 41.79	.....	+88 13 37.5	....
37	β Ceti.	9	38 45.02	+ 0.21	+ **1.39**	302 31 56.62	44.380	+ 2.50	−1 33.3	0 38 46.59	.....	−18 30 52.3	....
38	ν Cassiopeiæ.	9	43 22.98	+ 0.64	+ 1.36	11 28 1.50	44.270	+ 2.48	+ 12.2	0 43 24.98	− 5.07	+50 26 55.7	−30.7
	November 25, R.												
39	Sun I, S.	9	59 30.37	+ 0.28	+ 1.58	300 9 57.52	42.823	+ 3.45	−1 43.0	15 59 32.23	+69.55	−20 53 35.8	....
40	Sun II, N.	9	1 49.46	+ 0.28	+ 1.58	300 41 57.98	43.710	+ 3.45	−1 40.8	16 1 51.32	−69.54	−20 21 12.1	....
41	Moon I.	9	17 14.76	+ 0.44	+ 1.61	308 32	......	....	.....	21 17 16.81	+62.47	.. ..	....
42	θ Pegasi.	9	5 19.03	+ 0.47	+ **1.66**	326 46	......	....	.....	22 5	.....	+ 5 43	....
43	θ Aquarii.	9	11 43.68	+ 0.44	+ **1.58**	312 46	......	....	.....	22 11	.....	− 8 15	....
44	γ Aquarii.	9	16 39.51	+ 0.45	+ **1.62**	319 10	......	....	.....	22 16	.....	− 1 52	....
	November 26, L.												
45	μ Capricorni.	9	48 0.92	+ 0.40	+ **1.83**	307 1 57.98	45.560	+ 3.28	−1 20.0	21 48 3.15	.....	−14 0 9.7	....
46	α Aquarii.	9	0 48.53	+ 0.46	+ **1.84**	320 13 58.28	47.158	+ 3.28	− 50.2	22 0 50.83	.....	− 0 47 3.1	....
47	Moon I, S.	9	5 4.87	+ 0.44	+ 1.84	311 31 56.70	42.758	+ 3.28	−1 8.2	22 5 7.15	+61.98	− 9 31 3.1	....
48	θ Aquarii.	9	11 43.40	+ 0.43	+ **1.86**	312 45 58.18	46.410	+ 3.28	−1 5.3	22 11 45.67	.....	− 8 15 35.4	....
49	γ Aquarii.	9	16 39.27	+ 0.46	+ **1.84**	319 9 58.88	44.362	+ 3.28	− 52.2	22 16 41.57	.....	− 1 52 8.4	....
	November 26, Br.												
50	μ Leonis.	8	47 15.40	+ 0.56	+ **2.02**	347 28 0.32	46.682	+ 3.07	− 13.7	9 47 18.04	.....	+26 27 24.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 2 45	29.49	45.5	48.3
3 14	....	....	48.8
3 44	29.50	46.4	48.7
24 15 58	29.715	43.0	42.0
20 28	29.78	40.1	38.8
22 42	29.80	36.0	35.0
23 16	....	....	34.0
23 31	29.81	35.0	....
23 48	....	....	33.9
0 24	29.81	34.6	33.7
0 53	29.815	34.2	33.4
25 16 2	29.84	33.2	31.2
26 21 48	29.80	29.0	27.3
22 17	29.80	28.1	27.1
9 47	29.86	17.9	16.2

Micrometer bisections are made at II, VI, except as noted below.

15.	Bisections at II, VII.
18, 39.	Bisections at I, II, III.
19.	Bisections at V, VI.
20, 47.	Bisections at II, III, IV, V, VI.
22, 35.	Bisections at VI, VII.
23.	Bisections at I, II, VI, VII.
26, 27, 28, 38.	Bisections at III, V.
36.	Bisections at b_4, b_5, b_6.
37.	Bisection at II.
40.	Bisections at V, VI, VII.

Notes.

1, 15.	Difficult.
2.	Very faint; hazy.
22, 23.	Unsteady.
25.	Circle reading increased 10′.
31, 36, 37.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
18	+ 7.7	+16 13.3	...	+16 21.0
19	+ 7.6	−16 13.2	...	−16 5.6
20	+43 56.3	+14 48.1	...	+58 44.4
39	+ 7.7	+16 11.8	...	+16 19.5
40	+ 7.6	−16 11.8	...	−16 4.2
47	+40 29.0	+14 50.0	...	+55 19.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	π Leonis	8	55 5.64	+ 0.52	+ **2.12**	329 31 59.55	44.720	+ 3.07	− 36.5	9 55 8.24	.....	+ 8 30 16.2	....
2	η Leonis	9	2 3.06	+ 0.55	+ **2.01**	338 13 59.12	48.215	+ 3.07	− 24.7	10 2 5.69	.....	+17 13 47.2	....
3	γ Leonis (*pr.*)	9	14 37.74	+ 0.56	+ **2.13**	341 20 0.12	47.408	+ 3.07	− 20.9	10 14 40.39	.....	+20 19 33.5	....
4	μ Hydræ	9	21 24.22	+ 0.44	+ **2.10**	304 39 57.72	50.028	+ 3.07	−1 29.4	10 21 26.75	.....	−16 20 37.4	....
5	37 Leonis Minoris	9	33 15.78	+ 0.59	+ 2.09	353 29 59.48	43.670	+ 3.07	− 7.0	10 33 18.46	.....	+32 28 21.3	....
6	*l* Leonis	9	44 9.58	+ 0.54	+ **2.10**	332 3 58.68	47.035	+ 3.07	− 32.9	10 44 12.21	.....	+11 3 11.6	....
7	54 Leonis	9	50 21.56	+ 0.58	+ 2.09	346 18 0.08	42.085	+ 3.07	− 15.1	10 50 24.23	− 2.48	+25 15 37.6	+25.5
8	θ Leonis	9	9 8.86	+ 0.56	[+ **2.05**]	336 57 59.40	46.855	+ 3.07	− 26.4	11 9 11.52	.....	+15 57 14.7	....
	November 27, Br.												
9	μ Pegasi	9	45 19.42	+ 0.55	+ **2.33**	345 6 1.02	48.098	+ 1.70	− 16.0	22 45 22.25	.....	+24 5 53.9	....
10	Moon I, S	9	52 27.23	+ 0.48	+ 2.28	315 9 57.98	43.830	+ 1.67	− 59.9	22 52 29.99	+61.89	− 5 52 30.7	....
11	59 Pegasi	8	6 50.65	+ 0.51	+ 2.29	329 13 58.22	44.230	+ 1.61	− 35.9	23 6 53.45	− 3.08	+ 8 12 2.8	−26.2
12	*o* Cephei	9	14 39.86	+ 0.71	+ 2.29	28 36 2.15	45.032	+ 1.58	+ 33.0	23 14 42.86	.....	+67 35 33.6	....
13	4 Cassiopeiæ	9	20 32.92	+ 0.68	+ 2.29	22 46 2.80	45.688	+ 1.55	+ 25.5	23 20 35.89	.....	+61 45 41.7	....
14	1 H. Cassiopeiæ	9	25 34.26	+ 0.66	+ 2.29	19 2 1.42	45.432	+ 1.53	+ 20.9	23 25 37.21	− 4.16	+58 1 29.9	−37.8
15	248 G. Aquarii	7	30 32.25	+ 0.46	+ 2.29	313 1 58.72	46.058	+ 1.51	−1 4.5	23 30 35.00	− 3.10	− 7 59 43.6	−20.0
16	ι Piscium	9	34 58.12	+ 0.50	+ **2.30**	326 7 59.32	45.458	+ 1.49	− 40.5	23 35 0.91	.....	+ 5 6 27.0	....
17	ψ Andromedæ	9	41 14.54	+ 0.61	+ 2.29	6 53 59.58	46.198	+ 1.46	+ 7.4	23 41 17.44	− 3.96	+45 53 32.0	−35.0
18	φ Pegasi	9	47 33.83	+ 0.54	+ **2.24**	339 35 59.42	47.125	+ 1.44	− 22.4	23 47 36.67	.....	+18 35 23.2	....
19	ψ Pegasi	9	52 49.68	+ 0.55	+ 2.30	345 38 0.10	44.872	+ 1.42	− 15.4	23 52 52.53	− 3.61	+24 36 39.4	−29.4
20	2 Ceti	9	58 46.78	+ 0.42	+ **2.24**	303 9 57.02	45.888	+ 1.39	−1 32.2	23 58 49.50	.....	−17 52 17.2	....
21	5 Ceti	9	3 14.61	+ 0.48	+ 2.30	318 1 58.80	47.815	+ 1.37	− 54.3	0 3 17.39	− 3.30	− 2 58 53.5	−20.6
22	6 B. Ursæ Minoris s. p.	7	13 42.70	− 1.10	+ 2.30	52 46 2.05	45.178	+ 1.33	+1 19.8	12 13 43.90	.....	+88 13 36.4	....
23	12 Ceti	9	25 5.93	+ 0.47	+ **2.34**	316 31 58.25	47.015	+ 1.28	− 57.3	0 25 8.71	.....	− 4 29 15.4	....
24	319 B. Cephei	9	32 36.00	+ 0.98	+ 2.31	42 58 1.35	45.530	+ 1.25	+ 56.6	0 32 39.29	−13.54	+81 58 7.3	−34.1
25	β Ceti	9	38 43.86	+ 0.42	+ **2.31**	302 31 57.15	44.390	+ 1.22	−1 34.6	0 38 46.59	.....	−18 30 53.9	....
26	ν Cassiopeiæ	9	43 22.08	+ 0.63	+ 2.31	11 28 1.02	44.335	+ 1.20	+ 12.4	0 43 25.02	− 5.01	+50 26 55.5	−31.1
27	20 Ceti	9	48 3.79	+ 0.48	+ **2.27**	319 21 58.78	45.000	+ 1.18	− 52.0	0 48 6.58	.....	− 1 39 55.5	....
28	*h* Piscium	9	52 36.35	+ 0.56	+ 2.31	349 30 0.18	44.360	+ 1.17	− 11.2	0 52 39.22	− 4.18	+28 28 31.7	−26.3
29	26 Ceti	9	58 50.31	+ 0.49	+ 2.31	321 51 58.15	47.665	+ 1.14	− 47.6	0 58 53.11	− 3.63	+ 0 51 8.8	−18.9
30	α Ursæ Minoris	9	25 21.79	+ 3.06	+ 2.32	49 48 2.20	44.191	+ 1.03	+1 12.0	1 25 27.17	.....	+88 47 52.7	....
	November 27, R.												
31	9 H. Draconis	9	26 51.04	+ 0.72	+ 2.55	37 14	......	....	.....	10 26 54.31	.....	+76 12	....
32	41 Leonis Minoris	9	38 8.15	+ 0.56	+ **2.57**	344 41 57.42	46.940	+ 1.30	− 16.7	10 38 11.26	.....	+23 41 22.5	....
33	*l* Leonis	9	44 9.12	+ 0.54	+ **2.59**	332 3 55.90	47.175	+ 1.28	− 32.4	10 44 12.21	.....	+11 3 10.7	....
34	54 Leonis	9	50 21.16	+ 0.57	+ 2.56	346 17 57.70	42.232	+ 1.26	− 14.9	10 50 24.29	− 2.52	+25 15 37.2	+25.7
35	χ Leonis	9	0 0.32	+ 0.53	+ **2.56**	328 51 57.58	47.655	+ 1.22	− 36.9	11 0 3.41	.....	+ 7 51 19.0	....
36	θ Leonis	9	9 8.36	+ 0.55	[+ **2.59**]	336 57 56.72	47.008	+ 1.18	− 26.0	11 9 11.47	.....	+15 57 14.0	....
37	δ Crateris	9	14 28.97	+ 0.46	[+ **2.61**]	306 45 55.42	47.842	+ 1.16	−1 21.7	11 14 31.99	.....	−14 15 23.9	....
38	τ Leonis	9	22 56.28	+ 0.52	[+ **2.61**]	324 23 56.45	47.598	+ 1.13	− 43.8	11 22 59.37	.....	+ 3 23 9.4	....
39	γ Cephei s. p.	9	35 25.25	+ 0.54	+ 2.57	63 54 0.80	42.018	+ 1.08	+2 4.8	23 35 28.36	.....	+77 6 4.5	....
40	β Virginis	9	45 37.83	+ 0.52	[+ **2.60**]	323 19 57.52	45.698	+ 1.05	− 45.5	11 45 40.92	.....	+ 2 18 25.3	....
41	*o* Virginis	9	0 15.11	+ 0.53	[+ **2.62**]	330 17 57.50	44.208	+ 0.99	− 34.8	12 0 18.22	.....	+ 9 16 1.8	....
42	Venus II, S	9	10 56.24	+ 0.49	+ 2.59	315 35 55.68	46.439	+ 0.83	− 59.5	13 10 59.32	− 0.84	− 5 25 33.8	....
	November 28, R.												
43	Sun I, N	9	12 15.46	+ 0.43	+ 2.64	300 5 55.75	48.533	+ 1.10	−1 42.9	16 12 18.53	+69.85	−20 55 29.3	....
44	Sun II, S	9	14 35.16	+ 0.43	+ 2.64	299 33 54.12	47.553	+ 1.10	−1 45.2	16 14 38.23	−69.85	−21 27 55.0	....
45	Moon I, S	9	40 3.31	+ 0.49	+ 2.76	319 3 58.15	46.372	+ 4.74	− 51.8	23 40 6.56	+62.26	− 1 57 21.2	....
46	ι Ceti	9	14 29.21	+ 0.47	+ **2.78**	311 39 54.62	47.062	+ 4.74	−1 7.1	0 14 32.45	.....	− 9 21 24.3	....
47	44 Piscium	5	20 26.00	+ 0.49	+ **2.76**	322 25 57.18	45.855	+ 4.74	− 46.0	0 20 29.26	.....	+ 1 24 32.0	....
48	12 Ceti	7	25 5.44	+ 0.48	+ **2.79**	316 31 55.42	46.888	+ 4.74	− 56.6	0 25 8.69	.....	− 4 29 16.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 10 21	29.86	17.9	16.2
11 9	29.86	17.1	16.0
27 22 43	29.78	28.8	28.2
23 26	......	....	27.8
23 59	......	....	27.0
0 3	29.77	27.5	....
0 43	......	....	25.9
0 59	29.76	26.0	25.1
1 31	29.755	25.1	24.5
10 22	29.65	20.3	19.1
11 3	......	....	19.4
11 23	29.65	20.4	19.5
12 0	......	....	20.2
12 16	29.65	21.3	....
13 11	29.65	23.0	22.0
28 16 15	29.59	29.0	28.1
23 44	29.48	27.4	27.1
0 14	29.48	27.6	27.3

Micrometer bisections are made at II, VI, except as noted below.	
1, 9, 11, 15, 27, 34, 35, 47, 48.	Bisections at VI, VII.
10.	Bisections at II, III, IV, V, VI.
12, 13, 14, 17.	Bisections at III, V.
22.	Bisections at b_4, b_5, b_6.
24, 45.	Bisections at III, IV, V.
30.	Bisections at b_3, b_4, b_5, b_6, b_7.
42.	Bisections at I, II, VI, VII.
43.	Bisections at I, II, III.
44.	Bisections at V, VI, VII.

Notes.

9–12, 46, 47, 48.	Clouds.
22.	Blurred and very unsteady.
48.	Circle reading decreased 3° 54′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+38 20.4	+14 55.4	...	+53 15.8
42	+ 9.0	+ 12.5	...	+ 21.5
43	+ 7.7	−16 12.8	...	−16 5.1
44	+ 7.7	+16 12.9	...	+16 20.6
45	+35 55.6	+15 3.7	...	+50 59.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ε Andromedæ	9	33 26.35	+ 0.54	+ 2.81	349 47 58.30	47.058	+ 4.74	− 10.7	0 33 29.66	.....	+28 47 35.5	....
2	β Ceti	8	38 43.39	+ 0.44	+ 2.75	302 31 55.12	44.268	+ 4.74	−1 33.5	0 38 46.60	.....	−18 30 54.1	....
3	20 Ceti	9	48 3.32	+ 0.48	+ 2.73	319 21 55.88	44.908	+ 4.74	− 51.3	0 48 6.58	.....	− 1 39 56.3	....
4	h Piscium	9	52 35.89	+ 0.53	+ 2.78	349 29 57.68	44.315	+ 4.74	− 11.0	0 52 39.20	− 4.18	+28 28 31.9	−26.3
	November 29, Br.												
5	τ Pegasi	9	15 49.95	+ 0.56	+ 2.83	344 13 57.32	46.068	+ 4.58	− 16.9	23 15 53.39	.....	+23 13 5.6	....
6	4 Cassiopeiæ	9	20 32.22	+ 0.65	+ 2.88	22 45 57.28	45.822	+ 4.58	+ 25.3	23 20 35.75	.....	+61 45 42.1	....
7	1 H. Cassiopeiæ	9	25 33.62	+ 0.64	+ 2.88	19 1 57.82	45.488	+ 4.58	+ 20.8	23 25 37.14	− 4.10	+58 1 30.5	−37.9
8	248 G. Aquarii	9	30 31.59	+ 0.49	+ 2.88	313 1 56.35	46.008	+ 4.58	−1 4.2	23 30 34.96	− 3.07	− 7 59 44.5	−19.8
9	ι Piscium	9	34 57.51	+ 0.52	+ 2.87	326 7 56.92	45.432	+ 4.58	− 40.3	23 35 0.91	.....	+ 5 6 27.3	....
10	ϕ Andromedæ	9	41 13.97	+ 0.60	+ 2.88	6 53 57.45	46.142	+ 4.58	+ 7.4	23 41 17.45	− 3.92	+45 53 31.6	−35.1
11	φ Pegasi	9	47 33.16	+ 0.55	+ 2.87	339 35 56.60	47.088	+ 4.58	− 22.3	23 47 36.60	.....	+18 35 22.8	....
12	α Andromedæ	4	3 22.66	+ 0.57	+ 2.87	349 34	......	....	. ....	0 3 26.12	.....	+28 33	....
	November 29, L.												
13	10 Leonis	5	31 5.26	+ 0.53	+ 2.92	328 17 56.10	43.978	+ 5.26	− 37.3	9 31 8.71	− 3.20	+ 7 15 57.2	+19.7
14	ε Leonis	9	40 20.58	+ 0.55	+ 2.96	345 13 58.68	45.390	+ 5.26	− 15.9	9 40 24.06	.....	+24 12 53.1	....
15	μ Leonis	4	47 14.64	+ 0.56	+ 2.89	347 28	......	....	. ....	9 47 18.13	.....	+26 27	....
16	α Leonis	9	3 11.97	+ 0.54	+ 2.97	333 27 57.15	44.155	+ 5.26	− 30.2	10 3 15.44	.....	+12 26 9.1	....
17	λ Ursæ Majoris	9	11 14.46	+ 0.57	+ 2.93	4 25 57.32	40.808	+ 5.26	+ 4.7	10 11 17.96	.....	+43 23 27.2	....
18	γ Leonis (*pr.*)	9	14 37.06	+ 0.55	+ 2.92	341 19 57.68	47.398	+ 5.26	− 20.4	10 14 40.54	.....	+20 19 33.8	....
19	ρ Leonis	5	27 41.64	+ 0.53	+ 2.98	330 48	......	....	. ....	10 27 45.11	.....	+ 9 48	....
20	41 Leonis Minoris	9	38 7.87	+ 0.55	+ 2.92	344 41 57.28	46.805	+ 5.26	− 16.5	10 38 11.36	.....	+23 41 23.5	....
21	l Leonis	9	44 8.82	+ 0.53	+ 2.97	332 3 56.78	46.930	+ 5.26	− 32.0	10 44 12.29	.....	+11 3 10.6	....
22	54 Leonis	9	50 20.89	+ 0.55	+ 2.94	346 17 59.28	42.038	+ 5.26	− 14.7	10 50 24.38	− 2.59	+25 15 38.3	+26.0
23	α Ursæ Majoris	9	57 43.29	+ 0.59	+ 2.94	23 17 57.55	41.028	+ 5.26	+ 26.1	10 57 46.82	.....	+62 15 54.4	....
24	ψ Ursæ Majoris	9	4 11.58	+ 0.57	+ 2.94	6 1 58.78	44.695	+ 5.26	+ 6.5	11 4 15.09	.....	+45 0 59.7	....
25	θ Leonis	9	9 8.07	+ 0.54	+ 2.96	336 57 57.32	46.838	+ 5.26	− 25.7	11 9 11.55	.....	+15 57 14.8	....
26	ν Ursæ Majoris	9	13 13.27	+ 0.56	+ 2.94	354 37 58.08	45.210	+ 5.26	− 5.6	11 13 16.77	.....	+33 36 58.7	....
27	τ Leonis	9	22 56.00	+ 0.52	[+ 2.95]	324 23 56.62	47.418	+ 5.26	− 43.3	11 22 59.47	.....	+ 3 23 10.1	....
28	υ Leonis	9	31 57.96	+ 0.51	[+ 2.97]	320 43 55.90	45.875	+ 5.26	− 49.4	11 32 1.42	.....	− 0 17 32.0	....
29	γ Cephei s. P.	6	35 24.52	+ 0.67	+ 2.95	63 54 0.20	41.918	+ 5.26	+2 3.5	23 35 28.14	.....	+77 6 5.2	....
30	χ Ursæ Majoris	7	40 53.88	+ 0.58	+ 2.95	9 19 58.55	43.360	+ 5.26	+ 10.0	11 40 57.41	.....	+48 18 32.4	....
31	π Virginis	8	55 52.90	+ 0.53	[+ 2.99]	328 9 55.58	46.892	+ 5.26	− 37.5	11 55 56.38	.....	+ 7 9 2.8	....
32	o Virginis	9	0 14.73	+ 0.53	[+ 3.06]	330 17 56.65	44.070	+ 5.26	− 34.5	12 0 18.21	.....	+ 9 16 2.4	....
33	Venus II, S.	9	18 34.44	+ 0.48	+10.98	314 57 55.22	42.505	+ 5.26	−1 0.3	13 18 45.90	− 0.83	− 6 5 0.4	....
	November 30, L.												
34	Sun I, S.	9	20 41.34	+ 0.40	+11.01	299 13 54.55	45.058	+ 5.35	−1 45.6	16 20 52.75	+70.09	−21 48 48.4	....
35	Sun II, N.	9	23 1.52	+ 0.40	+11.01	299 45 55.22	46.143	+ 5.35	−1 43.3	16 23 12.93	−70.09	−21 16 20.0	....
36	55 Pegasi	9	1 58.44	+ 0.48	+11.10	329 53 56.90	48.140	+ 4.90	− 34.7	23 2 10.02	− 3.01	+ 8 53 35.3	−26.3
37	59 Pegasi	9	6 41.75	+ 0.48	+11.10	329 13 55.82	44.220	+ 4.90	− 35.7	23 6 53.33	− 3.04	+ 8 12 3.4	−25.9
38	ψ^1 Aquarii	9	10 40.05	+ 0.43	+11.10	311 25 54.88	43.852	+ 4.90	−1 8.0	23 10 51.58	− 2.95	− 9 36 38.2	−19.6
39	o Cephei	9	14 31.03	+ 0.61	+11.10	28 36 0.75	44.890	+ 4.90	+ 32.9	23 14 42.74	.....	+67 35 32.2	....
40	4 Cassiopeiæ	9	20 24.03	+ 0.60	+11.10	22 45 59.48	45.632	+ 4.90	+ 25.4	23 20 35.73	.....	+61 45 40.2	....
41	1 H. Cassiopeiæ	9	25 25.35	+ 0.59	+11.10	19 1 59.28	45.415	+ 4.90	+ 20.9	23 25 37.04	− 4.07	+58 1 30.6	−37.9
42	248 G. Aquarii	9	30 23.33	+ 0.44	+11.10	313 1 56.02	46.050	+ 4.90	−1 4.3	23 30 34.87	− 3.06	− 7 59 43.1	−19.7
43	ι Piscium	9	34 49.31	+ 0.48	+11.09	326 7 56.38	45.442	+ 4.90	− 40.3	23 35 0.90	.....	+ 5 6 27.3	....
44	ψ Andromedæ	9	41 5.73	+ 0.56	+11.11	6 53 59.10	46.008	+ 4.90	+ 7.4	23 41 17.40	− 3.90	+45 53 30.5	−35.1
45	φ Pegasi	9	47 24.92	+ 0.51	+11.14	339 35 57.12	47.078	+ 4.90	− 22.3	23 47 36.54	.....	+18 35 23.4	....
46	ψ Pegasi	9	52 40.79	+ 0.52	+11.11	345 37 57.78	44.835	+ 4.90	− 15.4	23 52 52.42	− 3.57	+24 36 39.7	−29.4
47	2 Ceti	9	58 37.86	+ 0.40	+11.14	303 9 54.35	45.850	+ 4.90	−1 31.9	23 58 49.37	.....	−17 52 16.9	....
48	5 Ceti	9	3 5.79	+ 0.45	+11.11	318 1 56.38	47.788	+ 4.90	− 54.1	0 3 17.35	− 3.27	− 2 58 53.1	−20.2
49	κ^2 Sculptoris	9	6 30.57	+ 0.35	+11.11	292 41 55.25	48.308	+ 4.90	−2 22.9	0 6 42.03	− 3.03	−28 20 10.9	−11.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
28 0 43	....	....	27.2
1 0	29.48	27.7	27.2
29 23 16	....	....	[illegible]
23 24	29.48	26.0	....
23 45	....	....	25.0
0 4	29.48	25.5	25.0
9 31	29.58	25.1	23.9
10 3	....	....	24.0
10 38	....	....	24.0
11 23	29.60	24.8	23.4
11 41	....	....	23.5
12 0	29.615	24.2	23.7
13 19	29.65	[illegible]	26.1
30 16 23	29.69	33.6	34.7
23 2	29.79	31.1	30.3
23 20	....	....	29.9
23 47	29.80	30.3	29.2

Micrometer bisections are made at II, VI, except as noted below.

3, 13, 18, 21, 36.	Bisections at VI, VII.
6, 7, 39.	Bisections at III, V.
17, 25, 48.	Bisections at I, II.
23.	Bisections at IV, V.
29.	Bisections at b_1, b_3, b_5.
33.	Bisections at II, VII.
34.	Bisections at I, II, III.
35.	Bisections at V, VI, VII.
49.	Bisections at I, II, VI.

Notes.

1–4.	Conditions poor.
4, 15, 18–21.	Very faint.
5, 13–32.	Clouds.
17.	Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
33	+ 8.9	+ 12.2	...	+ 21.1
34	+ 7.8	+16 14.2	...	+16 22.0
35	+ 7.7	−16 14.1	...	−16 6.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	35 Piscium	9	9 50.76	+ 0.48	+11.11	329 17 56.15	47.645	+ 4.90	− 35.7	0 10 2.35	− 3.45	+ 8 17 22.0	−23.6
2	*d* Piscium	9	15 28.20	+ 0.48	+11.11	328 39 55.62	48.060	+ 4.90	− 36.6	0 15 39.79	− 3.47	+ 7 39 30.1	−23.1
3	44 Piscium	9	20 17.62	+ 0.47	**+11.14**	322 25 56.48	45.930	+ 4.90	− 46.3	0 20 29.20	.....	+ 1 24 32.6	....
4	12 Ceti	9	24 57.12	+ 0.45	**+11.12**	316 31 55.18	46.985	+ 4.90	− 57.1	0 25 8.69	.....	− 4 29 15.4	....
5	319 B. Cephei	9	32 26.85	+ 0.71	+11.12	42 57 59.80	45.432	+ 4.90	+ 56.4	0 32 38.68	−13.19	+81 58 7.0	−34.7
6	*β* Ceti	9	38 35.02	+ 0.40	**+11.14**	302 31 55.28	44.310	+ 4.90	−1 34.4	0 38 46.54	.....	−18 30 53.4	....
7	*ν* Cassiopeiæ	9	43 13.24	+ 0.57	+11.12	11 27 59.10	44.248	+ 4.90	+ 12.3	0 43 24.93	− 4.96	+50 26 55.2	−31.4
8	20 Ceti	9	47 54.88	+ 0.46	**+11.17**	319 21 55.22	44.985	+ 4.90	− 51.8	0 48 6.46	.....	− 1 39 55.8	....
9	*h* Piscium	9	52 27.55	+ 0.52	+11.12	349 29 58.45	44.298	+ 4.90	− 11.1	0 52 39.19	− 4.16	+28 28 32.4	−26.4
10	26 Ceti	9	58 41.50	+ 0.46	+11.12	321 51 56.15	47.605	+ 4.90	− 47.3	0 58 53.08	− 3.61	+ 0 51 9.5	−18.6
11	Groombridge 2006 s. p.	4	3 0.90	+ 0.07	+11.12	52 50 0.78	44.898	+ 4.90	+1 19.9	13 3 12.09	+51.97	+88 9 40.4	+31.1
12	*f* Piscium	9	12 39.82	+ 0.47	+11.12	324 7 56.55	45.860	+ 4.90	− 43.6	1 12 51.41	.....	+ 3 6 33.5	....
13	*l* Piscium	9	15 38.07	+ 0.52	+11.13	349 13 58.50	48.982	+ 4.90	− 11.4	1 15 49.72	− 4.33	+28 14 19.2	−24.3
14	Moon I, S.	9	18 54.46	+ 0.49	+11.12	327 9 55.82	47.745	+ 4.90	− 38.9	1 19 6.07	+64.50	+ 6 9 20.9	....
15	*α* Ursæ Minoris	5	25 12.50	+ 1.33	+11.13	49 48 1.38	44.105	+ 4.90	+1 11.7	1 25 24.96	.....	+88 47 53.0	....
16	*ν* Piscium	9	36 15.17	+ 0.47	**+11.19**	326 1 57.40	44.555	+ 4.90	− 40.7	1 36 26.77	.....	+ 5 0 7.7	....
	November 30, Br.												
17	*ε* Leonis	.	.. ..	....	.....	345 13 58.48	45.350	+ 4.60	− 16.1	9 40	.....	+24 12 51.4	....
18	*μ* Leonis	9	47 6.36	+ 0.52	**+11.24**	347 27 57.92	46.742	+ 4.60	− 13.6	9 47 18.18	.....	+26 27 25.1	....
19	19 Leonis Minoris	9	51 36.26	+ 0.54	+11.30	2 31 58.80	43.748	+ 4.60	+ 2.8	9 51 48.10	.....	+41 30 33.9	....
20	*η* Leonis	9	1 53.98	+ 0.51	**+11.26**	338 13 57.32	48.192	+ 4.60	− 24.4	10 2 5.80	.....	+17 13 46.7	....
21	24 Cephei s. p.	9	7 47.16	+ 0.62	+11.31	69 6 0.88	44.620	+ 4.60	+2 40.2	22 7 59.09	.....	+71 52 26.6	....
22	*γ* Leonis (*pr.*)	9	14 28.77	+ 0.51	**+11.29**	341 19 57.90	47.368	+ 4.60	− 20.7	10 14 40.59	.....	+20 19 32.1	....
23	30 H. Camelopardalis	6	19 9.48	+ 0.54	+11.31	44 4 1.55	41.013	+ 4.60	+ 59.5	10 19 21.33	− 3.25	+83 2 30.8	+40.3
24	9 H. Draconis	9	26 42.86	+ 0.56	+11.31	37 14 0.10	40.658	+ 4.60	+ 46.7	10 26 54.73	.....	+76 12 8.2	....
25	37 Leonis Minoris	9	33 6.78	+ 0.53	+11.31	353 29 58.32	43.622	+ 4.60	− 6.9	10 33 18.62	.....	+32 28 20.9	....
26	41 Leonis Minoris	9	37 59.52	+ 0.51	**+11.35**	344 41 57.52	46.760	+ 4.60	− 16.7	10 38 11.34	.....	+23 41 22.1	....
27	*l* Leonis	9	44 0.55	+ 0.50	**+11.30**	332 3 56.72	47.000	+ 4.60	− 32.5	10 44 12.37	.....	+11 3 10.8	....
28	54 Leonis	9	50 12.57	+ 0.52	+11.32	346 17 58.10	42.062	+ 4.60	− 14.9	10 50 24.41	− 2.62	+25 15 36.5	+26.2
29	36 H. Cephei s. p.	5	55 6.31	+ 0.68	+11.32	57 10 0.70	42.650	+ 4.60	+1 35.2	22 55 18.31	− 6.28	+83 50 16.8	−40.7
30	*ψ* Ursæ Majoris	9	4 3.21	+ 0.54	+11.32	6 1 59.52	44.702	+ 4.60	+ 6.6	11 4 15.07	.....	+45 1 0.0	....
31	*θ* Leonis	9	8 59.81	+ 0.51	**+11.28**	336 57 57.82	46.798	+ 4.60	− 26.0	11 9 11.64	.....	+15 57 13.9	....
32	*ν* Ursæ Majoris	5	13 5.00	+ 0.53	+11.32	354 37 58.72	45.170	+ 4.60	− 5.7	11 13 16.85	.....	+33 36 57.8	....
33	249 B. Ursæ Majoris	4	16 55.34	+ 0.56	+11.32	25 52 0.40	43.922	+ 4.60	+ 29.9	11 17 7.22	.....	+64 51 6.3	....
34	*τ* Leonis	9	22 47.76	+ 0.48	**+11.27**	324 23 56.28	47.435	+ 4.60	− 43.9	11 22 59.56	.....	+ 3 23 8.9	....
35	*ξ* Hydræ	8	28 4.88	+ 0.36	+11.33	289 43 54.82	46.432	+ 4.60	−2 49.3	11 28 16.57	.....	−31 19 20.7	....
36	*γ* Cephei s. p.	9	35 16.20	+ 0.64	+11.33	63 54 0.72	41.877	+ 4.60	+2 5.1	23 35 28.17	.....	+77 6 4.6	....
37	*β* Virginis	9	45 29.27	+ 0.48	[**+11.29**]	323 19 57.05	45.538	+ 4.60	− 45.6	11 45 41.08	.....	+ 2 18 24.6	....
38	*π* Virginis	9	55 44.64	+ 0.49	[**+11.32**]	328 9 55.75	46.865	+ 4.60	− 38.0	11 55 56.46	.....	+ 7 9 1.2	....
39	*ο* Virginis	9	0 6.57	+ 0.49	[**+11.29**]	330 17 56.12	44.065	+ 4.60	− 35.0	12 0 18.39	.....	+ 9 16 0.6	....
40	Venus II, S.	9	22 29.89	+ 0.49	+11.33	314 37 55.75	42.596	+ 4.60	−1 2.1	13 22 41.71	− 0.82	− 6 25 0.4	....
	December 1, Br.												
41	Sun I, N.	9	24 59.24	+ 0.48	+11.37	299 35 55.22	46.773	+ 4.64	−1 45.6	16 25 11.09	+70.19	−21 26 9.3	....
42	Sun II, S.	8	27 19.62	+ 0.48	+11.37	299 3 55.58	45.528	+ 4.64	−1 47.9	16 27 31.47	−70.19	−21 58 39.0	....
43	*φ* Pegasi	9	47 24.64	+ 0.51	**+11.41**	339 35 57.60	47.042	+ 4.64	− 22.4	23 47 36.60	.....	+18 35 22.9	....
44	*ψ* Pegasi	9	52 40.50	+ 0.52	+11.45	345 37 58.28	44.785	+ 4.64	− 15.4	23 52 52.47	− 3.56	+24 36 38.8	−29.3
45	2 Ceti	9	58 37.51	+ 0.40	**+11.48**	303 9 53.98	45.848	+ 4.64	−1 32.2	23 58 49.36	.....	−17 52 17.9	....
46	*α* Andromedæ	9	3 14.07	+ 0.53	**+11.47**	349 33 58.50	47.635	+ 4.64	− 11.1	0 3 26.05	.....	+28 33 48.4	....
47	35 Piscium	8	9 50.52	+ 0.49	+11.45	329 17 56.45	47.615	+ 4.64	− 35.8	0 10 2.46	− 3.44	+ 8 17 21.3	−23.5
48	*ι* Ceti	9	14 20.51	+ 0.44	**+11.48**	311 39 55.62	47.048	+ 4.64	−1 7.8	0 14 32.40	.....	− 9 21 24.5	....
49	44 Piscium	9	20 17.31	+ 0.47	**+11.44**	322 25 56.98	45.900	+ 4.64	− 46.4	0 20 29.23	.....	+ 1 24 32.1	....
50	12 Ceti	9	24 56.79	+ 0.45	**+11.44**	316 31 55.35	46.955	+ 4.64	− 57.2	0 25 8.70	.....	− 4 29 16.3	....
51	319 B. Cephei	9	32 26.47	+ 0.86	+11.46	42 57 59.05	45.495	+ 4.64	+ 56.5	0 32 38.79	−13.08	+81 58 7.5	−34.9
52	*β* Ceti	9	38 34.69	+ 0.40	**+11.45**	302 31 55.10	44.288	+ 4.64	−1 34.5	0 38 46.55	.....	−18 30 54.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 0 10	.....	....	29.0
0 39	29.82	29.2	28.3
0 59	.....	....	28.3
1 36	29.83	28.4	27.7
9 40	29.93	24.2	23.2
10 30	29.94	23.1	22.8
11 9	.....	....	22.6
11 28	.....	....	23.0
11 38	29.95	23.2	23.2
12 0	29.96	23.2	23.3
13 22	30.00	24.8	23.4
1 16 27	29.99	32.0	31.8
23 47	29.94	29.1	29.8
0 27	.....	....	29.6

Micrometer bisections are made at II, VI, except as noted below.

5, 36, 51.	Bisections at III, IV, V.
6, 17–19, 25, 31–33, 43.	Bisections at VI, VII.
11.	Bisections at b_3, b_5.
12, 28.	Bisections at I, II.
14.	Bisections at II, III, IV, V, VI.
15.	Bisections at b_5, b_7, b_9.
21, 24.	Bisections at III, V.
23.	Bisections at b_4, b_5, b_6.
26.	Bisection at VII.
29.	Bisections at III, IV.
35.	Bisections at II, VI, VII.
40.	Bisections at I, II, VI, VII.
41.	Bisections at I, II, III.
42.	Bisections at V, VI, VII.

Notes.

6, 35. Unsteady.
43–52. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+30 26.8	+15 27.3	...	+45 54.1
40	+ 8.9	+ 12.1	...	+ 21.0
41	+ 7.7	−16 14.8	...	−16 7.1
42	+ 7.8	+16 14.8	...	+16 22.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ν Cassiopeiæ	9	43 12.87	+ 0.58	+11.46	11 27 59.70	44.275	+ 4.64	+ 12.4	0 43 24.91	− 4.94	+50 26 55.9	−31.5
2	20 Ceti	9	47 54.60	+ 0.46	**+11.44**	319 21 55.02	44.975	+ 4.64	− 51.8	0 48 6.52	.....	− 1 39 55.9	....
3	h Piscium	9	52 27.22	+ 0.53	+11.46	349 29 57.98	44.302	+ 4.64	− 11.2	0 52 39.21	− 4.15	+28 28 31.7	−26.4
4	26 Ceti	9	58 41.14	+ 0.47	+11.46	321 51 56.28	47.578	+ 4.64	− 47.4	0 58 53.07	− 3.60	+ 0 51 8.7	−18.4
5	β Andromedæ	9	4 10.41	+ 0.55	+11.46	356 7 58.60	44.830	+ 4.64	− 4.0	1 4 22.42	.....	+35 6 51.5	....
6	ζ¹ Piscium	9	8 31.53	+ 0.48	**+11.53**	328 5 56.15	44.395	+ 4.64	− 37.6	1 8 43.47	.....	+ 7 4 5.6	....
7	l Piscium	9	15 37.81	+ 0.53	+11.47	349 13 58.45	48.955	+ 4.64	− 11.4	1 15 49.81	− 4.32	+28 14 18.2	−24.3
8	ω Andromedæ	8	21 44.03	+ 0.57	+11.47	5 55 58.52	44.312	+ 4.64	+ 6.4	1 21 56.07	− 5.08	+44 54 50.1	−26.8
9	π Piscium	9	31 49.36	+ 0.50	**+11.42**	332 39 55.88	46.645	+ 4.64	− 31.2	1 32 1.33	.....	+11 39 3.1	....
10	Moon I, S.	9	11 48.95	+ 0.50	+11.48	330 59 56.30	46.709	+ 4.64	− 33.5	2 12 0.93	+66.26	+ 9 59 2.8	....
	December 3, Br.												
11	α Pegasi	9	59 46.13	+ 0.51	**+12.08**	335 41 55.38	47.570	+ 5.14	− 26.8	22 59 58.74	.....	+14 41 28.9	....
12	59 Pegasi	9	6 40.81	+ 0.49	+12.10	329 13 55.40	44.160	+ 5.14	− 35.5	23 6 53.40	− 3.00	+ 8 12 2.3	−25.8
13	γ Piscium	9	11 58.75	+ 0.48	**+12.05**	323 47 55.55	43.210	+ 5.14	− 43.6	23 12 11.33	.....	+ 2 45 32.4	....
14	τ Pegasi	9	15 40.72	+ 0.53	**+12.03**	344 13 56.70	46.025	+ 5.14	− 16.8	23 15 53.35	.....	+23 13 4.9	....
15	υ Pegasi	6	20 22.84	+ 0.53	**+12.09**	343 53 55.75	45.130	+ 5.14	− 17.2	23 20 35.47	.....	+22 52 43.1	....
16	39 H. Cephei	7	27 50.60	+ 1.16	+12.11	47 46 0.92	47.412	+ 5.14	+1 6.0	23 28 3.87	.....	+86 47 3.4	....
17	ι Piscium	9	34 48.27	+ 0.48	**+12.10**	326 7 56.10	45.395	+ 5.14	− 40.0	23 35 0.86	.....	+ 5 6 26.5	....
18	6 B. Ursæ Minoris s. P.	8	13 36.72	− 0.46	+12.12	52 45 57.52	45.292	+ 5.14	+1 18.8	12 13 48.38	.....	+88 13 35.5	....
19	319 B. Cephei	9	32 25.66	+ 0.82	+12.12	42 57 58.85	45.548	+ 5.14	+ 55.8	0 32 38.60	−12.88	+81 58 8.0	−35.3
20	β Ceti	9	38 34.02	+ 0.38	**+12.12**	302 31 53.42	44.315	+ 5.14	−1 33.4	0 38 46.52	.....	−18 30 54.2	....
21	ν Cassiopeiæ	9	43 12.24	+ 0.58	+12.13	11 27 58.50	44.295	+ 5.14	+ 12.2	0 43 24.95	− 4.91	+50 26 55.8	−31.7
22	20 Ceti	9	47 53.94	+ 0.45	**+12.10**	319 21 56.42	44.880	+ 5.14	− 51.3	0 48 6.52	.....	− 1 39 56.2	....
23	h Piscium	9	52 26.53	+ 0.52	+12.13	349 29 56.78	44.328	+ 5.14	− 11.0	0 52 39.18	− 4.13	+28 28 31.9	−26.4
24	26 Ceti	.	.. ..	....	.....	321 51 55.35	47.578	+ 5.14	− 46.9	0 59	.....	+ 0 51 8.8	−18.3
25	Groombridge 2006 s. P.	5	3 2.70	− 0.43	+12.13	52 49 58.32	45.080	+ 5.14	+1 19.1	13 3 14.40	+50.67	+88 9 39.1	+31.9
26	α Ursæ Minoris	5	25 9.23	+ 2.08	+12.14	49 47 58.70	44.262	+ 5.14	+1 11.0	1 25 23.45	.....	+88 47 54.1	....
27	τ Ceti	7	39 24.61	+ 0.39	**+12.07**	304 35 55.50	44.538	+ 5.14	−1 26.7	1 39 37.14	.....	−16 26 40.3	....
	December 3, Ei.-Y.												
28	σ Arietis	9	45 59.77	+ 0.48	**+12.28**	335 41 56.60	46.752	+ 5.13	− 27.0	2 46 12.54	.....	+14 41 11.0	....
29	B. D.+15°400	9	47 39.21	+ 0.48	+12.29	337 7 55.85	42.265	+ 5.14	− 25.3	2 47 51.98	− 4.44	+16 5 29.4	−12.6
30	B. D.+13°484	9	53 17.43	+ 0.48	+12.29	334 13 56.48	47.192	+ 5.15	− 28.9	2 53 30.20	− 4.37	+13 13 18.7	−11.6
31	B. D.+14°502	9	55 23.38	+ 0.48	+12.29	335 39 55.70	46.590	+ 5.16	− 27.1	2 55 36.15	− 4.42	+14 39 6.3	−11.5
32	α Ceti	5	57 3.93	+ 0.45	**+12.24**	324 43 55.68	46.298	+ 5.16	− 42.4	2 57 16.67	.....	+ 3 42 44.6	....
33	B. D.+20°501	9	59 48.74	+ 0.49	+12.29	341 33 57.28	42.690	+ 5.16	− 20.0	3 0 1.52	− 4.62	+20 31 46.1	−11.9
34	B. D.+20°514	9	3 38.16	+ 0.49	+12.29	341 25 56.10	42.470	+ 5.17	− 20.2	3 3 50.94	− 4.63	+20 23 39.5	−11.4
35	B. D.+22°457	9	8 30.25	+ 0.49	+12.30	343 37 56.55	42.460	+ 5.18	− 17.6	3 8 43.04	− 4.73	+22 35 42.3	−11.1
36	B. D.+13°535	9	12 22.33	+ 0.48	+12.30	334 31 56.10	42.875	+ 5.19	− 28.6	3 12 35.11	− 4.44	+13 29 40.3	− 9.6
37	B. D.+23°442	9	14 32.11	+ 0.50	+12.30	344 21 56.50	44.630	+ 5.20	− 16.8	3 14 44.91	− 4.78	+23 20 32.9	−10.5
38	B. D.+12°473	9	18 41.46	+ 0.47	+12.30	333 19 55.82	41.955	+ 5.21	− 30.2	3 18 54.23	− 4.42	+12 17 17.5	− 8.7
39	B. D.+22°495	9	22 38.17	+ 0.49	+12.30	343 29 56.20	44.238	+ 5.22	− 17.8	3 22 50.96	− 4.77	+22 28 22.4	− 9.4
40	f Tauri	9	25 22.65	+ 0.47	**+12.33**	333 37 55.50	44.950	+ 5.23	− 29.8	3 25 35.42	.....	+12 36 26.0	....
41	B. D.+17°575	9	28 28.53	+ 0.48	+12.30	338 31 55.98	46.285	+ 5.23	− 23.6	3 28 41.31	− 4.61	+17 31 3.1	− 8.2
42	B. D.+14°586	9	32 12.80	+ 0.48	+12.30	336 7 56.70	45.908	+ 5.24	− 26.6	3 32 25.58	− 4.54	+15 6 52.3	− 7.6
43	11 Tauri	9	34 50.65	+ 0.50	+12.30	346 1 57.42	46.040	+ 5.25	− 14.9	3 35 3.45	.....	+25 1 7.7	....
44	B. D.+23°505	9	38 54.17	+ 0.50	+12.30	344 59 56.70	46.365	+ 5.26	− 16.1	3 39 6.97	− 4.87	+23 59 13.2	− 7.6
45	B. D.+23°522	9	40 26.16	+ 0.49	+12.30	344 39 55.72	45.660	+ 5.26	− 16.4	3 40 38.95	− 4.86	+23 38 55.8	− 7.3
46	27 Tauri	9	43 15.66	+ 0.49	+12.31	344 45 57.42	47.258	+ 5.27	− 16.3	3 43 28.46	− 4.87	+23 45 34.2	− 7.0
47	B. D.+16°523	9	47 29.03	+ 0.48	+12.31	338 3 57.25	44.618	+ 5.28	− 24.2	3 47 41.82	− 4.63	+17 2 25.8	− 6.0
48	B. D.+22°607	9	51 10.68	+ 0.49	+12.31	343 53 56.58	47.850	+ 5.29	− 17.3	3 51 23.48	− 4.85	+22 53 45.9	− 6.0
49	B. D.+26°655	9	53 2.71	+ 0.50	+12.31	347 55 56.88	46.500	+ 5.29	− 12.8	3 53 15.52	− 5.02	+26 55 19.8	− 6.0
50	B. D.+17°666	9	55 5.29	+ 0.48	+12.31	338 55 55.95	47.050	+ 5.30	− 23.1	3 55 18.08	− 4.68	+17 55 21.2	− 5.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 0 43	......	....	29.5
0 51	29.94	29.0	....
1 24	......	....	29.2
1 32	29.93	29.0	29.3
2 14	29.93	29.0	29.3
3 23 0	29.78	34.0	33.8
23 35	......	....	33.0
23 52	29.805	33.9	....
0 22	29.795	33.1	32.9
1 12	......	....	32.0
1 26	29.81	32.0	31.8
1 43	......	....	31.1
2 10	29.81	31.2	31.0
2 49	29.81	31.0	30.8
3 8	......	....	30.6
3 30	29.81	30.2	30.0
3 57	......	....	30.0

Micrometer bisections are made at II, VI, except as noted below.

1, 30.	Bisections at I, II.
8.	Bisections at III, V.
10.	Bisections at II, III, IV, V, VI.
11, 12, 14, 15, 23, 32, 33, 37.	Bisections at VI, VII.
16, 18, 26.	Bisections at b_4, b_5, b_6.
19.	Bisections at II, III, IV.
25.	Bisections at b_2, b_3, b_4, b_5.

Notes.

1-10, 17.	Clouds.
16, 18.	Revolutions of micrometer reading assumed.
20.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+27 36.0	+15 41.1	...	+43 17.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*A* Tauri	9	58 49.57	+ 0.49	**+12.34**	342 49 55.58	46.285	+ 5.30	− 18.5	3 59 2.37	.....	+21 49 7.9	....
2	B. D.+18°581	9	0 52.02	+ 0.49	+12.31	339 53 55.88	47.230	+ 5.31	− 22.0	4 1 4.82	− 4.72	+18 53 26.3	− 4.6
3	43 Tauri	9	3 22.79	+ 0.49	+12.31	340 23 56.48	41.508	+ 5.31	− 21.4	4 3 35.59	.....	+19 21 16.8	....
4	B. D.+24°629	9	4 36.02	+ 0.50	+12.31	346 7 57.45	44.710	+ 5.32	− 14.8	4 4 48.83	− 4.96	+25 6 37.7	− 4.4
5	Moon I, S	9	7 0.94	+ 0.49	+12.31	336 57 57.00	43.414	+ 5.32	− 25.6	4 7 13.74	+70.10	+15 55 56.7	....
6	B. D.+20°724	9	11 26.56	+ 0.49	+12.31	341 21 57.00	44.608	+ 5.33	− 20.2	4 11 39.36	− 4.78	+20 20 29.3	− 3.3
7	γ Tauri	9	14 8.20	+ 0.48	**+12.29**	336 23 55.42	48.125	+ 5.34	− 26.2	4 14 20.99	.....	+15 23 42.2	....
8	B. D.+20°744	9	16 32.27	+ 0.49	+12.31	341 35 56.48	47.550	+ 5.35	− 20.0	4 16 45.07	− 4.80	+20 35 36.3	− 2.7
9	B. D.+20°808	9	37 14.18	+ 0.49	+12.32	341 27 56.68	45.295	+ 5.39	− 20.1	4 37 26.99	− 4.80	+20 26 44.9	− 0.2
10	B. D.+19°777	9	40 46.58	+ 0.49	+12.32	340 19 55.98	46.310	+ 5.40	− 21.5	4 40 59.39	− 4.76	+19 19 5.7	+ 0.2
11	B. D.+28°695	9	42 4.56	+ 0.50	+12.32	350 3 57.00	47.815	+ 5.41	− 10.5	4 42 17.38	− 5.16	+29 3 52.4	+ 0.4
12	π^3 Orionis	9	44 26.08	+ 0.46	**+12.30**	327 49 54.88	42.985	+ 5.41	− 37.8	4 44 38.86	.....	+ 6 47 32.7	....
13	B. D.+20°840	9	48 50.75	+ 0.49	+12.32	341 57 56.62	44.745	+ 5.42	− 19.6	4 49 3.56	− 4.82	+20 56 32.8	+ 1.2
14	B. D.+16°672	9	51 38.01	+ 0.48	+12.32	338 1 56.32	43.808	+ 5.43	− 24.3	4 51 50.81	− 4.68	+17 0 6.4	+ 1.5
15	B. D.+29°784	9	54 54.03	+ 0.50	+12.32	350 11 56.60	46.738	+ 5.44	− 10.3	4 55 6.85	− 5.16	+29 11 27.6	+ 2.1
16	ι Tauri	9	57 9.85	+ 0.49	**+12.34**	342 27 55.95	46.182	+ 5.44	− 19.0	4 57 22.66	.....	+21 27 5.6	....
17	B. D.+19°847	9	59 40.94	+ 0.49	+12.33	340 41 57.60	44.350	+ 5.45	− 21.1	4 59 53.76	− 4.76	+19 40 23.3	+ 2.5
18	α Orionis	9	49 46.71	+ 0.45	**+12.43**	328 23 54.52	47.465	+ 5.55	− 37.0	5 49 59.50	.....	+ 7 23 15.9	....
19	B. D.+21°1072	9	53 42.04	+ 0.48	+12.34	342 37 56.02	42.508	+ 5.56	− 18.8	5 53 54.86	− 4.74	+21 35 42.0	+ 8.9
20	B. D.+17°1109	9	58 2.94	+ 0.47	+12.34	338 9 56.15	42.570	+ 5.56	− 24.1	5 58 15.75	− 4.58	+17 7 38.3	+ 8.9
21	B. D.+23°1192	9	0 45.79	+ 0.48	+12.34	344 39 56.22	45.098	+ 5.57	− 16.5	6 0 58.61	− 4.79	+23 38 43.7	+10.0
22	ν Orionis	9	1 53.70	+ 0.46	**+12.40**	335 47 55.98	45.488	+ 5.57	− 27.0	6 2 6.50	.....	+14 46 41.9	....
23	B. D.+23°1232	9	4 28.74	+ 0.48	+12.34	344 1 57.40	45.232	+ 5.57	− 17.2	6 4 41.56	− 4.75	+23 0 47.3	+10.3
24	B. D.+17°1154 (*pr.*)	9	5 52.08	+ 0.47	+12.34	338 25 56.18	42.940	+ 5.57	− 23.8	6 6 4.89	− 4.56	+17 23 47.3	+ 9.7
25	B. D.+19°1270	9	9 0.19	+ 0.47	+12.34	340 11 56.00	46.672	+ 5.58	− 21.7	6 9 13.00	− 4.61	+19 11 14.3	+10.3
26	B. D.+23°1275	9	10 55.61	+ 0.48	+12.34	344 47 57.98	43.835	+ 5.58	− 16.4	6 11 8.43	− 4.76	+23 46 16.9	+11.1
27	B. D.+18°1171	9	13 25.82	+ 0.47	+12.34	339 55 57.78	44.082	+ 5.58	− 22.0	6 13 38.63	− 4.59	+18 54 16.6	+10.7
28	B. D.+26°1201 (*south*)	9	16 14.89	+ 0.48	+12.35	347 43 56.30	44.900	+ 5.59	− 13.1	6 16 27.72	− 4.85	+26 42 42.7	+12.1
29	B. D.+18°1214	9	20 20.86	+ 0.47	+12.35	339 49 56.20	45.540	+ 5.59	− 22.1	6 20 33.68	− 4.56	+18 48 48.2	+11.4
30	ν Geminorum	9	23 4.07	+ 0.47	**+12.30**	341 17 55.55	44.098	+ 5.60	− 20.4	6 23 16.89	.....	+20 16 16.3	....
31	B. D.+17°1286 (*fol.*)	9	26 30.60	+ 0.47	+12.35	338 51 56.08	46.080	+ 5.60	− 23.3	6 26 43.42	− 4.51	+17 50 59.2	+11.9
32	B. D.+16°1210	9	30 16.74	+ 0.47	+12.35	337 53 55.40	44.562	+ 5.61	− 24.5	6 30 29.56	− 4.47	+16 52 22.7	+12.1
33	B. D.+28°1196	8	33 18.16	+ 0.49	+12.35	349 21 57.02	44.885	+ 5.61	− 11.3	6 33 31.00	− 4.83	+28 20 44.9	+14.3
34	B. D.+29°1327	9	38 28.72	+ 0.49	+12.35	350 3 57.42	47.950	+ 5.62	− 10.5	6 38 41.56	− 4.83	+29 3 56.1	+15.0
35	B. D.+24°1406	9	42 25.20	+ 0.48	+12.35	345 29 56.92	43.220	+ 5.63	− 15.6	6 42 38.03	− 4.65	+24 28 2.5	+14.6
36	B. D.+25°1469	9	45 51.04	+ 0.48	+12.35	346 47 56.90	44.145	+ 5.63	− 14.1	6 46 3.87	− 4.67	+25 46 25.1	+15.2
37	B. D.+17°1447	9	50 29.64	+ 0.47	+12.35	338 53 57.92	42.265	+ 5.64	− 23.3	6 50 42.46	− 4.41	+17 51 34.0	+14.2
38	B. D.+27°1296	9	54 47.24	+ 0.48	+12.36	348 17 57.92	46.352	+ 5.65	− 12.4	6 55 0.08	− 4.68	+27 17 18.2	+16.4
39	B. D.+19°1591	9	57 39.58	+ 0.47	+12.36	340 23 56.42	42.355	+ 5.65	− 21.5	6 57 52.41	− 4.42	+19 21 36.3	+15.2
40	B. D.+17°1505	9	2 57.51	+ 0.47	+12.36	338 49 55.85	44.538	+ 5.66	− 23.4	7 3 10.34	− 4.36	+17 48 23.7	+15.3
41	B. D.+17°1518	9	6 2.24	+ 0.47	+12.36	338 9 55.50	43.565	+ 5.66	− 24.2	7 6 15.07	− 4.32	+17 8 0.4	+15.4
42	B. D.+20°1743	9	8 41.25	+ 0.48	+12.36	341 41 55.82	45.368	+ 5.67	− 19.9	7 8 54.09	− 4.40	+20 40 46.2	+16.4
43	B. D.+25°1660	9	17 25.39	+ 0.48	+12.36	346 15 57.90	42.888	+ 5.68	− 14.7	7 17 38.23	− 4.48	+25 13 56.7	+18.2
44	B. D.+20°1805	9	21 4.85	+ 0.47	+12.36	341 27 57.18	45.485	+ 5.69	− 20.2	7 21 17.68	− 4.33	+20 26 49.9	+17.5
45	B. D.+28°1405	9	24 29.53	+ 0.48	+12.36	349 7 57.52	43.945	+ 5.69	− 11.6	7 24 42.37	− 4.53	+28 6 23.7	+19.5
46	B. D.+25°1704	9	27 39.05	+ 0.48	+12.36	346 37 56.50	43.720	+ 5.70	− 14.3	7 27 51.89	− 4.43	+25 36 14.8	+19.2
47	B. D.+24°1730	9	33 11.98	+ 0.48	+12.37	345 27 57.85	43.790	+ 5.70	− 15.6	7 33 24.83	− 4.36	+24 26 16.5	+19.4
48	B. D.+29°1590	9	37 6.69	+ 0.49	+12.37	350 7 57.32	44.960	+ 5.71	− 10.5	7 37 19.55	− 4.47	+29 6 47.8	+20.8
49	B. D.+25°1773	9	44 56.72	+ 0.48	+12.37	346 21 56.48	45.800	+ 5.72	− 14.6	7 45 9.57	− 4.31	+25 21 2.1	+20.6
50	φ Geminorum	8	47 25.23	+ 0.48	**+12.40**	348 1 57.60	44.822	+ 5.72	− 12.8	7 47 38.08	.....	+27 0 42.6	....
51	χ Geminorum	9	57 25.15	+ 0.48	**+12.45**	349 3 57.90	47.265	+ 5.74	− 11.6	7 57 38.00	.....	+28 3 40.0	....
	December 3, R.												
52	μ Hydræ	9	21 14.26	+ 0.38	**+12.35**	304 40	......	....	....	10 21 27.00	.....	−16 20	....
53	9 H. Draconis	9	26 41.89	+ 0.59	+12.36	37 14 1.05	40.615	+ 5.37	+ 46.2	10 26 54.84	.....	+76 12 8.0	....
54	41 Leonis Minoris	9	37 58.62	+ 0.48	**+12.38**	344 41 56.98	46.700	+ 5.33	− 16.5	10 38 11.46	.....	+23 41 21.1	....
55	*l* Leonis	8	43 59.59	+ 0.46	**+12.40**	332 3 55.32	46.960	+ 5.30	− 32.1	10 44 12.41	.....	+11 3 9.5	....
56	54 Leonis	9	50 11.63	+ 0.49	+12.37	346 17 57.30	42.012	+ 5.28	− 14.7	10 50 24.49	− 2.72	+25 15 36.0	+26.8
57	*d* Leonis	9	55 23.08	+ 0.44	**+12.38**	325 9 55.80	44.302	+ 5.26	− 42.1	10 55 35.89	.....	+ 4 7 59.5	....
58	p^4 Leonis	9	1 47.33	+ 0.44	+12.37	323 29 56.20	46.090	+ 5.24	− 44.8	11 2 0.14	.....	+ 2 28 37.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 4 18	29.81	30.0	30.0
4 47	......	....	29.8
5 3	29.815	29.7	29.2
5 48	29.82	29.0	29.0
6 8	......	....	29.0
6 35	29.825	28.9	28.8
6 57	......	....	28.2
7 19	29.82	28.4	28.1
7 39	......	....	28.0
7 57	29.825	28.0	28.0
10 31	29.82	27.3	26.7
10 58	......	....	26.9

Micrometer bisections are made at II, VI, except as noted below.

4, 18, 24, 26, 54, 56, 57.	Bisections at VI, VII.
5.	Bisections at II, III, IV, V, VI.
10.	Bisections at I, II.
39, 43.	Bisections at I, VII.
50.	Bisections at II, VII.

Note.

24. Assumed that preceding star was observed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+22 50.8	+16 6.9	...	+38 57.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Leonis	9	8 46.83	+ 0.48	**+12.40**	342 3 56.48	45.722	+ 5.22	− 19.6	11 8 59.68	.....	+21 2 54.8	....
2	ν Ursæ Majoris	8	13 4.06	+ 0.50	+12.37	354 37 56.85	45.202	+ 5.20	− 5.6	11 13 16.93	.....	+33 36 57.4	....
3	ι Leonis	9	18 41.90	+ 0.46	+12.37	332 3 54.52	47.812	+ 5.18	− 32.1	11 18 54.73	− 2.59	+11 3 28.1	+21.2
4	58 Ursæ Majoris	7	25 5.51	+ 0.52	+12.38	4 44	......	....	. ....	11 25 18.41	− 2.12	+43 42	....
5	υ Leonis	9	31 48.76	+ 0.43	**+12.38**	320 43 53.80	45.875	+ 5.13	− 49.5	11 32 1.57	.....	− 0 17 34.3	....
6	3 Draconis	9	36 51.94	+ 0.56	+12.38	28 17 59.35	41.832	+ 5.12	+ 32.7	11 37 4.88	.....	+67 16 20.7	....
7	β Leonis	9	43 56.29	+ 0.47	**+12.38**	336 7 56.08	44.998	+ 5.09	− 26.8	11 44 9.14	.....	+15 6 30.8	....
8	π Virginis	9	55 43.73	+ 0.45	**[+12.36]**	328 9 54.82	46.855	+ 5.05	− 37.6	11 55 56.56	.....	+ 7 9 0.9	....
9	ο Virginis	9	0 5.59	+ 0.46	**[+12.39]**	330 17 56.22	44.015	+ 5.03	− 34.5	12 0 18.43	.....	+ 9 16 0.5	....
10	ε Corvi	9	4 58.01	+ 0.35	+12.39	298 57 53.80	44.858	+ 5.01	−1 49.0	12 5 10.75	.....	−22 4 56.8	....
	December 4, R.												
11	Sun S	.	.. ..	....	.....	298 37 51.32	43.115	+ 5.08	−1 47.9	16 39	.....	−22 25 38.6	....
12	Sun N	.	.. ..	....	.....	299 9 49.78	44.360	+ 5.08	−1 45.5	.. ..	.....	−21 53 8.6	....
	December 4, Br.												
13	Venus S	.	.. ..	....	.....	313 15 55.55	44.401	+ 5.14	−1 3.0	13 38	.....	− 7 46 19.7	....
	December 5, Br.												
14	Sun S	.	.. ..	....	.....	298 29 54.75	42.463	+ 5.62	−1 47.1	16 43	.....	−22 33 48.7	....
15	Sun N	.	.. ..	....	.....	299 1 55.12	43.783	+ 5.62	−1 44.7	.. ..	.....	−22 1 15.1	....
16	11 G. Sculptoris	8	15 55.31	+ 0.25	+12.75	293 31 55.88	46.135	+ 5.44	−2 15.1	23 16 8.31	− 2.78	−27 30 51.5	−13.0
17	κ Piscium	9	21 47.47	+ 0.39	**+12.79**	321 45 54.72	44.210	+ 5.44	− 46.7	23 22 0.61	.....	+ 0 43 51.6	....
18	39 H. Cephei	3	27 48.83	+ 2.19	+12.75	47 46 0.90	47.447	+ 5.44	+1 5.6	23 28 3.77	.....	+86 47 3.6	....
19	ι¹ Aquarii	9	39 0.22	+ 0.30	**+12.73**	302 13 55.35	44.925	+ 5.44	−1 33.9	23 39 13.28	.....	−18 48 38.5	....
20	δ Sculptoris	9	43 42.42	+ 0.24	+12.76	292 23 55.30	44.032	+ 5.44	−2 23.0	23 43 55.42	.....	−28 39 48.0	....
21	φ Pegasi	5	47 23.31	+ 0.45	**+12.74**	339 35 57.38	46.995	+ 5.44	− 22.0	23 47 36.52	.....	+18 35 22.9	....
22	27 Piscium	9	53 32.48	+ 0.37	+12.76	316 55 56.32	46.750	+ 5.44	− 55.4	23 53 45.61	.....	− 4 5 17.4	....
23	2 Ceti	9	58 36.27	+ 0.31	**+12.75**	303 9 54.50	45.710	+ 5.44	−1 30.7	23 58 49.34	.....	−17 52 18.2	....
24	22 Andromedæ	9	5 7.36	+ 0.54	+12.76	6 31 59.15	48.742	+ 5.44	+ 6.9	0 5 20.66	.....	+45 32 33.1	....
25	35 Piscium	9	9 49.21	+ 0.42	+12.77	329 17 56.85	47.550	+ 5.44	− 35.3	0 10 2.40	− 3.40	+ 8 17 21.5	−23.4
26	d Piscium	9	15 26.61	+ 0.41	+12.77	328 39 55.48	47.995	+ 5.44	− 36.2	0 15 39.79	− 3.42	+ 7 39 29.4	−22.9
27	44 Piscium	9	20 15.99	+ 0.39	**+12.80**	322 25 57.82	45.778	+ 5.44	− 45.7	0 20 29.15	.....	+ 1 24 31.8	....
28	12 Ceti	9	24 55.48	+ 0.37	**+12.81**	316 31 56.72	46.845	+ 5.44	− 56.4	0 25 8.62	.....	− 4 29 15.8	....
29	319 B. Cephei	9	32 24.32	+ 1.17	+12.77	42 57 57.48	45.585	+ 5.44	+ 55.6	0 32 38.26	−12.66	+81 58 7.9	−35.8
30	β Ceti	9	38 33.44	+ 0.30	**+12.76**	302 31 56.72	44.112	+ 5.44	−1 33.1	0 38 46.51	.....	−18 30 54.9	....
31	ν Cassiopeiæ	9	43 11.57	+ 0.57	+12.78	11 27 52.80	44.542	+ 5.44	+ 12.2	0 43 24.92	− 4.88	+50 26 56.2	−32.0
32	20 Ceti	9	47 53.31	+ 0.38	**+12.78**	319 21 49.55	45.182	+ 5.44	− 51.1	0 48 6.47	.....	− 1 39 55.7	....
33	h Piscium	9	52 25.88	+ 0.48	+12.78	349 29 53.15	44.500	+ 5.44	− 11.0	0 52 39.14	− 4.11	+28 28 32.3	−26.5
34	26 Ceti	9	58 39.82	+ 0.39	+12.78	321 51 49.58	47.798	+ 5.44	− 46.7	0 58 52.99	− 3.57	+ 0 51 8.5	−18.2
35	Groombridge 2006 S. P.	4	3 5.22	− 2.52	+12.78	52 49 53.28	45.297	+ 5.44	+1 18.8	13 3 15.48	+49.76	+88 9 38.8	+32.4
36	l Piscium	9	15 36.49	+ 0.48	+12.78	349 13 54.05	49.160	+ 5.44	− 11.3	1 15 49.75	− 4.29	+28 14 19.1	−24.5
37	ω Andromedæ	9	21 42.66	+ 0.54	+12.79	5 55 52.95	44.568	+ 5.44	+ 6.3	1 21 55.99	− 5.04	+44 54 51.0	−27.3
38	η Piscium	9	26 8.28	+ 0.44	**+12.77**	335 51 52.95	46.685	+ 5.44	− 26.7	1 26 21.51	.....	+14 51 6.4	....
39	τ Andromedæ	9	34 42.64	+ 0.52	+12.79	1 5 52.12	46.792	+ 5.44	+ 1.2	1 34 55.95	− 4.92	+40 5 35.8	−25.1
40	τ Ceti	8	39 23.96	+ 0.32	**+12.77**	304 35 50.20	44.712	+ 5.44	−1 26.4	1 39 37.07	.....	−16 26 41.1	....
41	β Arietis	9	49 7.82	+ 0.45	**+12.79**	341 21 53.28	44.505	+ 5.44	− 20.1	1 49 21.06	.....	+20 20 23.5	....
42	Moon II, S.	9	15 9.67	+ 0.47	+12.87	338 45 55.15	44.879	+ 5.24	− 23.4	6 15 23.01	−72.08	+17 44 30.4	....
	December 6, R.												
43	Moon II, S.	9	19 4.16	+ 0.52	+13.30	337 41 49.80	44.140	+ 4.78	− 24.9	7 19 17.98	−71.79	+16 40 6.2	....
44	ε Hydræ	9	41 28.37	+ 0.49	**+13.30**	327 47 49.30	44.940	+ 4.78	− 38.1	8 41 42.17	.....	+ 6 46 10.8	....
45	ζ Hydræ	9	50 5.94	+ 0.49	**+13.32**	327 19 50.00	45.960	+ 4.78	− 38.8	8 50 19.74	.....	+ 6 18 34.1	....
46	κ Ursæ Majoris	9	56 50.82	+ 0.60	+13.32	8 33 53.58	42.072	+ 4.78	+ 9.2	8 57 4.74	.....	+47 31 56.9	....
47	ξ Cancri	9	3 36.98	+ 0.53	+13.32	343 27 49.48	43.248	+ 4.78	− 18.0	9 3 50.83	− 3.76	+22 25 52.4	+25.0
48	θ Hydræ	9	9 8.87	+ 0.48	**+13.34**	323 43 50.50	47.618	+ 4.78	− 44.5	9 9 22.67	.....	+ 2 43 6.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 11 22	29.845	27.4	27.1
11 48	....	....	27.3
12 9	29.87	27.8	27.6
4 16 40	29.88	37.2	39.0
13 38	29.885	36.8	37.1
5 16 45	29.88	44.2	45.3
23 16	[illegible]	38.9	38.0
23 39	....	....	37.2
23 54	....	....	36.9
0 15	29.90	36.9	36.1
0 52	....	....	35.4
1 26	....	....	35.0
1 49	29.91	34.9	34.4
6 15	29.91	31.0	30.8
6 7 22	29.86	25.6	26.1
8 41	[illegible]	26.5	26.7

Micrometer bisections are made at II, VI, except as noted below.

2, 6, 7, 10, 21, 27, 46.	Bisections at VI, VII.
11, 14.	Bisections at I, II, III.
12, 15.	Bisections at V, VI, VII.
13, 16, 20.	Bisections at I, II, VI, VII.
18.	Bisections at b_2, b_8, b_9.
29.	Bisections at III, IV, V.
31, 37.	Bisections at III, V.
35.	Bisections at b_1, b_2, b_4.
36.	Bisections at I, II.
42, 43.	Bisections at II, III, IV, V, VI.

Notes.

16–41. Conditions poor; images unsteady.
40. Clouds.
46, 47. Diffuse.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 7.8	+16 15.0	...	+16 22.8
12	+ 7.8	−16 15.0	...	−16 7.2
13	+ 8.7	+ 11.6	...	+ 20.3
14	+ 7.8	+16 16.8	...	+16 24.6
15	+ 7.8	−16 16.8	...	−16 9.0
42	+21 27.7	+16 22.4	...	+37 50.1
43	+22 33.3	+16 24.6	...	+38 57.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	40 Lyncis	9	14 58.85	+ 0.56	+13.32	355 49 51.25	42.122	+ 4.78	− 4.4	9 15 12.73	.....	+34 47 42.2	....
2	*h* Ursæ Majoris	9	23 44.07	+ 0.68	+13.32	24 29 53.18	42.982	+ 4.78	+ 27.8	9 23 58.07	.....	+63 28 35.6	....
3	*A* Hydræ	9	29 31.92	+ 0.45	+13.32	315 33 49.08	42.288	+ 4.78	− 59.6	9 29 45.69	− 3.38	− 5 29 11.5	+16.9
4	κ Hydræ	8	35 29.01	+ 0.42	+13.32	307 9 48.20	41.715	+ 4.78	−1 20.2	9 35 42.75	.....	−13 53 46.0	....
5	υ Ursæ Majoris	9	43 55.89	+ 0.66	+13.32	20 29 51.70	44.665	+ 4.78	+ 22.9	9 44 9.87	.....	+59 29 7.7	....
6	υ^2 Hydræ	9	0 13.56	+ 0.42	+13.33	308 25 48.32	46.482	+ 4.78	−1 16.6	10 0 27.31	.....	−12 35 53.3	....
7	24 Cephei s. p.	8	7 44.74	+ 0.39	+13.33	69 5 53.78	44.935	+ 4.78	+2 39.0	22 7 58.46	.....	+71 52 26.7	....
8	42 Leonis	9	16 26.74	+ 0.52	+13.33	336 29 50.02	42.582	+ 4.78	− 26.5	10 16 40.59	− 3.14	+15 27 29.2	+24.4
9	37 Ursæ Majoris	9	28 44.19	+ 0.66	+13.33	18 35 52.65	42.718	+ 4.78	+ 20.6	10 28 58.18	− 3.05	+57 34 21.9	+37.0
10	35 H. Ursæ Majoris	9	35 56.64	+ 0.74	+13.33	30 33 53.28	47.352	+ 4.78	+ 36.2	10 36 10.71	− 2.87	+69 34 23.8	+39.2
11	*l* Leonis	9	43 58.70	+ 0.50	**+13.35**	332 3 49.10	47.208	+ 4.78	− 32.3	10 44 12.53	.....	+11 3 8.3	....
12	54 Leonis	9	50 10.75	+ 0.54	+13.33	346 17 52.32	42.222	+ 4.78	− 14.8	10 50 24.62	− 2.83	+25 15 35.0	+27.6
13	*d* Leonis	9	55 22.17	+ 0.48	**+13.34**	325 9 49.38	44.565	+ 4.78	− 42.4	10 55 35.98	.....	+ 4 7 58.1	....
14	χ Leonis	9	59 49.90	+ 0.50	**+13.29**	328 51 50.82	47.705	+ 4.78	− 36.8	11 0 3.73	.....	+ 7 51 16.8	....
15	β Crateris	8	6 42.46	+ 0.37	+13.34	298 46	......	....	.....	11 6 56.17	.....	−22 17	....
16	ν Ursæ Majoris	9	13 3.14	+ 0.57	+13.34	354 37 50.82	45.455	+ 4.78	− 5.7	11 13 17.05	.....	+33 36 56.4	....
17	ι Leonis	9	18 40.99	+ 0.51	+13.34	332 3 48.30	48.085	+ 4.78	− 32.3	11 18 54.84	− 2.69	+11 3 27.5	+22.0
18	τ Leonis	9	22 45.88	+ 0.48	**+13.34**	324 23 48.50	47.695	+ 4.78	− 43.6	11 22 59.70	.....	+ 3 23 7.5	....
	December 7, R.												
19	Sun I, N.	9	50 59.50	+ 0.34	+13.38	298 45 49.62	46.892	+ 4.41	−1 47.2	16 51 13.22	+70.60	−22 16 13.9	....
20	Sun II, S.	9	53 20.71	+ 0.34	+13.38	298 13 47.25	45.737	+ 4.41	−1 49.6	16 53 34.43	−70.61	−22 48 44.5	....
21	υ Pegasi	9	20 21.48	+ 0.48	**+13.44**	343 53 49.80	45.380	+ 4.98	− 16.9	23 20 35.40	.....	+22 52 42.8	....
22	b^3 Aquarii	9	28 1.23	+ 0.30	+13.44	299 35 48.92	45.210	+ 4.98	−1 42.8	23 28 14.97	− 2.85	−21 26 47.8	−14.6
23	λ Andromedæ	9	32 38.50	+ 0.56	+13.44	6 57 52.80	43.845	+ 4.98	+ 7.2	23 32 52.50	.....	+45 56 34.9	....
24	i^1 Aquarii	9	38 59.43	+ 0.31	**+13.49**	302 13 48.38	45.140	+ 4.98	−1 32.7	23 39 13.18	.....	−18 48 39.8	....
25	δ Sculptoris	9	43 41.65	+ 0.25	+13.44	292 23 47.05	44.268	+ 4.98	−2 21.3	23 43 55.34	.....	−28 39 49.7	....
26	274 G. Aquarii	9	48 9.10	+ 0.27	+13.45	296 17 48.20	42.960	+ 4.98	−1 58.2	23 48 22.82	− 2.90	−24 45 55.3	−12.9
27	30 Piscium	9	56 48.53	+ 0.36	+13.45	314 29 48.62	43.138	+ 4.98	− 59.7	23 57 2.34	.....	− 6 32 52.4	....
28	α Andromedæ	9	3 12.06	+ 0.48	**+13.45**	349 33 50.82	47.945	+ 4.98	− 10.7	0 3 25.99	.....	+28 33 48.6	....
29	6 B. Ursæ Minoris s. p.	7	13 39.09	− 2.22	+13.45	52 45 53.62	45.548	+ 4.98	+1 17.4	12 13 50.32	.....	+88 13 35.1	....
30	π Andromedæ	9	31 31.98	+ 0.50	+13.45	354 11 52.42	47.212	+ 4.98	− 5.9	0 31 45.93	.....	+33 11 38.2	....
31	β Ceti	9	38 32.74	+ 0.30	**+13.44**	302 31 47.88	44.425	+ 4.98	−1 31.8	0 38 46.49	.....	−18 30 55.8	....
32	59 H^1. Cassiopeiæ	9	44 41.98	+ 0.66	+13.45	24 43 52.85	46.090	+ 4.98	+ 27.2	0 44 56.09	− 5.98	+63 43 46.0	−34.0
33	*h* Piscium	9	52 25.16	+ 0.48	+13.46	349 29 50.95	44.590	+ 4.98	− 10.9	0 52 39.10	− 4.08	+28 28 31.8	−26.6
34	26 Ceti	9	58 39.13	+ 0.38	+13.46	321 51 49.30	47.782	+ 4.98	− 46.1	0 58 52.97	− 3.55	+ 0 51 8.0	−18.1
35	χ Piscium	9	6 4.37	+ 0.45	+13.46	341 31 51.10	47.632	+ 4.98	− 19.6	1 6 18.28	− 3.99	+20 31 32.8	−23.4
36	*f* Piscium	9	12 37.53	+ 0.39	+13.46	324 7 50.60	46.010	+ 4.98	− 42.5	1 12 51.38	.....	+ 3 6 32.4	....
37	α Ursæ Minoris	5	25 3.37	+ 4.48	+13.46	49 47 54.05	44.598	+ 4.98	+1 9.8	1 25 21.31	.....	+88 47 55.7	....
	December 7, Ei.-Y.												
38	α Arietis	9	1 32.69	+ 0.44	**+13.51**	344 1 51.80	44.902	+ 4.79	− 16.8	2 1 46.65	.....	+23 0 34.0	....
39	B. D.+13°351	9	7 17.64	+ 0.41	+13.52	334 29 50.42	44.172	+ 4.79	− 28.1	2 7 31.57	− 4.18	+13 28 4.4	−16.2
40	B. D.+ 9°323	9	22 3.94	+ 0.40	+13.52	330 47 50.58	45.010	+ 4.79	− 33.0	2 22 17.86	− 4.15	+ 9 46 18.8	−13.9
41	41 Arietis	9	44 7.18	+ 0.45	**+13.50**	347 53 51.38	43.048	+ 4.79	− 12.6	2 44 21.16	.....	+26 51 55.1	....
42	σ Arietis	9	45 58.56	+ 0.42	**+13.55**	335 41 50.25	47.035	+ 4.79	− 26.6	2 46 12.51	.....	+14 41 11.4	....
43	B. D.+13°484	9	53 16.24	+ 0.41	+13.53	334 13 49.38	47.455	+ 4.79	− 28.4	2 53 30.18	− 4.37	+13 13 18.1	−11.6
44	B. D.+14°502	9	55 22.25	+ 0.42	+13.53	335 39 49.85	46.810	+ 4.79	− 26.6	2 55 36.20	− 4.42	+14 39 5.6	−11.6
45	α Ceti	9	57 2.74	+ 0.38	**+13.50**	324 43 49.62	46.545	+ 4.79	− 41.7	2 57 16.65	.....	+ 3 42 44.3	....
46	B. D.+20°501	9	59 47.54	+ 0.43	+13.53	341 33 51.15	42.968	+ 4.79	− 19.7	3 0 1.50	− 4.63	+20 31 46.0	−12.1
47	B. D.+20°514	9	3 36.97	+ 0.43	+13.53	341 25 51.48	42.670	+ 4.79	− 19.8	3 3 50.93	− 4.64	+20 23 39.4	−11.6
48	B. D.+22°457	9	8 29.06	+ 0.44	+13.53	343 37 50.40	42.755	+ 4.79	− 17.3	3 8 43.03	− 4.74	+22 35 42.8	−11.3
49	B. D.+13°535	9	12 21.13	+ 0.41	+13.53	334 31 49.08	43.195	+ 4.79	− 28.1	3 12 35.07	− 4.44	+13 29 40.7	− 9.5
50	B. D.+23°442	9	14 30.92	+ 0.44	+13.53	344 21 50.20	44.918	+ 4.79	− 16.5	3 14 44.89	− 4.79	+23 20 32.8	−10.8
51	B. D.+12°473	9	18 40.34	+ 0.41	+13.53	333 19 49.00	42.248	+ 4.79	− 29.7	3 18 54.28	− 4.43	+12 17 17.4	− 8.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 9 19	......	....	25.7
9 39	29.84	25.5	25.0
10 20	......	....	24.7
10 44	29.84	25.0	24.3
11 23	29.84	24.5	24.0
7 16 53	29.77	37.0	37.5
23 20	29.67	39.4	40.0
23 48	......	....	39.3
0 3	29.67	38.7	39.3
0 42	......	....	39.0
0 57	29.69	37.8	38.4
1 25	29.705	37.3	38.9
1 59	29.71	36.5	37.7
2 24	......	....	36.9
2 49	29.71	35.8	37.6
3 6	......	....	36.9

Micrometer bisections are made at II, VI, except as noted below.

1, 7, 23, 32, 38, 42. Bisections at VI, VII.
19. Bisections at I, II, III.
20. Bisections at V, VI, VII.
29, 37. Bisections at b_4, b_5, b_6.

Notes.

15, 24, 25. Very diffuse.
22. Revolutions of micrometic reading assumed.
29. Diffuse and unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
19	+ 7.8	−16 15.3	...	−16 7.5
20	+ 7.8	+16 15.3	...	+16 23.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+22°495.	9	22 37.04	+ 0.44	+13.53	343 29 50.18	44.512	+ 4.79	− 17.5	3 22 51.01	− 4.78	+22 28 22.5	− 9.6
2	*f* Tauri	9	25 21.51	+ 0.41	**+13.55**	333 37 48.88	45.245	+ 4.79	− 29.3	3 25 35.45	.....	+12 36 26.2	....
3	B. D.+23°505.	9	38 53.05	+ 0.44	+13.54	344 59 51.58	46.590	+ 4.79	− 15.8	3 39 7.03	− 4.89	+23 59 13.3	− 7.8
4	27 Tauri	9	43 14.47	+ 0.44	+13.54	344 45 50.58	47.580	+ 4.79	− 16.1	3 43 28.45	− 4.89	+23 45 34.4	− 7.2
5	B. D.+16°523.	9	47 27.83	+ 0.42	+13.54	338 3 49.42	44.970	+ 4.79	− 23.8	3 47 41.79	− 4.66	+17 2 25.9	− 6.0
6	B. D.+22°607.	9	51 9.48	+ 0.44	+13.54	343 53 49.68	48.192	+ 4.79	− 17.0	3 51 23.46	− 4.88	+22 53 46.6	− 6.1
7	B. D.+17°666.	9	55 4.06	+ 0.43	+13.54	338 55 51.52	47.252	+ 4.79	− 22.8	3 55 18.03	− 4.70	+17 55 20.3	− 5.2
8	*A* Tauri	9	58 48.37	+ 0.44	**+13.61**	342 49 50.38	46.540	+ 4.79	− 18.3	3 59 2.35	.....	+21 49 8.2	....
9	B. D.+18°581.	9	0 50.84	+ 0.43	+13.54	339 53 50.48	47.492	+ 4.79	− 21.6	4 1 4.81	− 4.75	+18 53 26.8	− 4.6
10	B. D.+13°648.	9	3 27.11	+ 0.41	+13.54	334 9 49.70	45.585	+ 4.79	− 28.7	4 3 41.06	− 4.56	+13 8 35.1	− 3.8
11	B. D.+24°629.	9	4 34.87	+ 0.44	+13.54	346 7 52.08	44.965	+ 4.79	− 14.6	4 4 48.85	− 5.00	+25 6 37.6	− 4.6
12	B. D.+27°649.	9	8 23.49	+ 0.45	+13.54	348 43 52.02	45.698	+ 4.79	− 11.8	4 8 37.48	− 5.12	+27 42 57.1	− 4.3
13	B. D.+20°724.	9	11 25.39	+ 0.43	+13.54	341 21 50.98	44.895	+ 4.79	− 20.0	4 11 39.36	− 4.82	+20 20 29.6	− 3.4
14	γ Tauri	9	14 7.05	+ 0.42	**+13.54**	336 23 49.55	48.350	+ 4.79	− 25.8	4 14 21.01	.....	+15 23 41.3	....
15	B. D.+20°744.	9	16 31.12	+ 0.43	+13.54	341 35 51.15	47.808	+ 4.79	− 19.6	4 16 45.09	− 4.83	+20 35 36.7	− 2.8
16	B. D.+22°696.	9	20 21.02	+ 0.44	+13.54	343 35 51.32	47.920	+ 4.79	− 17.4	4 20 35.00	− 4.92	+22 35 41.6	− 2.4
17	B. D.+20°761.	9	22 50.28	+ 0.43	+13.54	341 27 50.48	48.295	+ 4.79	− 19.8	4 23 4.25	− 4.84	+20 27 46.9	− 2.1
18	B. D.+15°639.	9	24 57.52	+ 0.42	+13.54	336 29 49.62	46.338	+ 4.79	− 25.7	4 25 11.48	− 4.66	+15 28 55.5	− 1.5
19	ρ Tauri	9	28 11.26	+ 0.42	+13.54	335 39 50.68	45.170	+ 4.79	− 26.8	4 28 25.22	− 4.64	+14 38 28.7	− 1.2
20	B. D.+23°715.	9	30 29.46	+ 0.44	+13.54	344 9 49.92	45.182	+ 4.79	− 16.8	4 30 43.44	− 4.94	+23 8 38.2	− 1.2
21	B. D.+20°808.	9	.. ..	....	.....	341 27 50.88	45.580	+ 4.79	− 19.8	4 37	.....	+20 26 45.3	− 0.3
22	B. D.+19°777.	9	40 45.50	+ 0.43	+13.55	340 19 49.95	46.558	+ 4.79	− 21.2	4 40 59.48	− 4.80	+19 19 5.3	+ 0.2
23	B. D.+24°689.	9	42 31.94	+ 0.44	+13.55	345 35 51.50	44.232	+ 4.79	− 15.2	4 42 45.93	− 5.01	+24 34 19.7	+ 0.3
24	π^3 Orionis	9	44 24.97	+ 0.39	**+13.52**	327 49 48.70	43.245	+ 4.79	− 37.3	4 44 38.91	.....	+ 6 47 32.3	....
25	B. D.+20°840.	9	48 49.57	+ 0.43	+13.55	341 57 51.48	44.970	+ 4.79	− 19.3	4 49 3.55	− 4.87	+20 56 32.5	+ 1.1
26	B. D.+25°766.	9	53 29.68	+ 0.45	+13.55	346 47 51.65	47.092	+ 4.79	− 13.9	4 53 43.68	− 5.06	+25 47 26.2	+ 1.7
27	B. D.+29°784.	9	54 52.90	+ 0.46	+13.55	350 11 51.02	46.995	+ 4.79	− 10.2	4 55 6.91	− 5.21	+29 11 27.4	+ 1.9
28	ι Tauri	9	57 8.72	+ 0.44	**+13.58**	342 27 51.22	46.408	+ 4.79	− 18.7	4 57 22.71	.....	+21 27 5.7	....
29	B. D.+19°847.	8	59 39.83	+ 0.43	+13.55	340 41 51.42	44.635	+ 4.79	− 20.8	4 59 53.81	− 4.82	+19 40 23.3	+ 2.5
30	α Orionis	9	49 45.64	+ 0.40	**+13.61**	328 23 49.62	47.652	+ 4.79	− 36.4	5 49 59.60	.....	+ 7 23 15.1	....
31	B. D.+21°1072.	9	53 40.96	+ 0.45	+13.56	342 37 51.35	42.725	+ 4.79	− 18.5	5 53 54.97	− 4.81	+21 35 41.8	+ 9.0
32	B. D.+17°1109.	9	58 1.83	+ 0.44	+13.56	338 9 50.18	42.822	+ 4.79	− 23.8	5 58 15.83	− 4.65	+17 7 37.6	+ 9.0
33	B. D.+23°1192.	9	0 44.67	+ 0.45	+13.56	344 39 50.75	45.348	+ 4.79	− 16.2	6 0 58.68	− 4.87	+23 38 43.2	+10.0
34	ν Orionis	9	1 52.61	+ 0.43	**+13.60**	335 47 51.40	45.700	+ 4.79	− 26.6	6 2 6.60	.....	+14 46 41.8	....
35	B. D.+23°1232.	9	4 27.64	+ 0.45	+13.56	344 1 50.88	45.570	+ 4.79	− 16.9	6 4 41.65	− 4.84	+23 0 48.0	+10.4
36	B. D.+17°1154 (*pr.*).	9	5 51.01	+ 0.44	+13.56	338 25 50.65	43.210	+ 4.79	− 23.4	6 6 5.01	− 4.64	+17 23 47.3	+10.0
37	B. D.+19°1270.	9	8 59.12	+ 0.44	+13.56	340 11 50.35	46.905	+ 4.79	− 21.3	6 9 13.12	− 4.69	+19 11 13.6	+10.5
38	B. D.+23°1275.	9	10 54.46	+ 0.45	+13.56	344 47 51.18	44.170	+ 4.79	− 16.1	6 11 8.47	− 4.84	+23 46 17.1	+11.2
39	B. D.+18°1171.	9	13 24.74	+ 0.44	+13.56	339 55 50.90	44.390	+ 4.79	− 21.6	6 13 38.74	− 4.67	+18 54 16.3	+10.9
40	B. D.+26°1201 (*south*).	9	16 13.86	+ 0.46	+13.56	347 43 50.95	45.150	+ 4.79	− 12.8	6 16 27.88	− 4.94	+26 42 42.5	+12.1
41	B. D.+18°1214.	9	20 19.69	+ 0.44	+13.56	339 49 50.25	45.830	+ 4.79	− 21.7	6 20 33.69	− 4.65	+18 48 48.5	+11.6
42	ν Geminorum	9	23 2.88	+ 0.44	**+13.60**	341 17 50.68	44.285	+ 4.79	− 20.0	6 23 16.88	.....	+20 16 15.3	....
43	B. D.+17°1286 (*fol.*).	7	26 29.54	+ 0.44	+13.56	338 51 50.60	46.370	+ 4.79	− 22.9	6 26 43.54	− 4.60	+17 50 59.8	+12.1
44	B. D.+16°1210.	9	30 15.68	+ 0.44	+13.56	337 53 50.45	44.775	+ 4.79	− 24.0	6 30 29.68	− 4.55	+16 52 22.3	+12.4
45	B. D.+28°1196.	9	33 17.01	+ 0.47	+13.56	349 21 51.68	45.115	+ 4.79	− 11.1	6 33 31.04	− 4.93	+28 20 44.2	+14.3
46	B. D.+29°1327.	9	38 27.58	+ 0.47	+13.56	350 3 52.55	48.172	+ 4.79	− 10.3	6 38 41.61	− 4.93	+29 3 55.9	+15.0
47	B. D.+24°1406.	9	42 24.06	+ 0.46	+13.57	345 29 51.45	43.480	+ 4.79	− 15.3	6 42 38.09	− 4.75	+24 28 2.4	+14.7
48	B. D.+25°1469.	9	45 49.94	+ 0.46	+13.57	346 47 51.08	44.398	+ 4.79	− 13.8	6 46 3.97	− 4.78	+25 46 24.5	+15.3
49	B. D.+17°1447.	9	50 28.56	+ 0.44	+13.57	338 53 49.88	42.645	+ 4.79	− 22.8	6 50 42.57	− 4.51	+17 51 34.3	+14.5
50	B. D.+27°1296.	9	54 46.14	+ 0.46	+13.57	348 17 51.95	46.632	+ 4.79	− 12.2	6 55 0.17	− 4.79	+27 17 18.0	+16.5
51	B. D.+19°1591.	9	57 38.47	+ 0.44	+13.57	340 23 51.42	42.572	+ 4.79	− 21.0	6 57 52.48	− 4.52	+19 21 35.9	+15.4
52	B. D.+17°1505.	9	2 56.38	+ 0.44	+13.57	338 49 49.35	44.852	+ 4.79	− 22.9	7 3 10.39	− 4.46	+17 48 24.1	+15.6
53	B. D.+17°1518.	7	6 1.10	+ 0.44	+13.57	338 9 49.45	43.848	+ 4.79	− 23.7	7 6 15.11	− 4.42	+17 8 0.4	+15.8
54	B. D.+28°1405.	9	24 28.42	+ 0.47	+13.57	349 7 51.98	44.200	+ 4.79	− 11.3	7 24 42.46	− 4.64	+28 6 23.3	+19.6
55	B. D.+25°1704.	9	27 37.93	+ 0.46	+13.57	346 37 50.30	44.010	+ 4.79	− 14.0	7 27 51.96	− 4.55	+25 36 14.6	+19.4
56	B. D.+24°1730.	9	33 10.79	+ 0.46	+13.57	345 27 51.90	44.070	+ 4.79	− 15.3	7 33 24.82	− 4.48	+24 26 16.3	+19.7
57	B. D.+29°1590.	9	37 5.59	+ 0.47	+13.57	350 7 52.65	45.188	+ 4.79	− 10.2	7 37 19.63	− 4.59	+29 6 47.7	+21.0
58	B. D.+21°1679.	9	40 14.62	+ 0.45	+13.58	342 21 50.25	46.580	+ 4.79	− 18.8	7 40 28.65	− 4.35	+21 21 8.5	+19.6
59	B. D.+25°1773.	9	44 55.65	+ 0.46	+13.58	346 21 50.35	46.062	+ 4.79	− 14.3	7 45 9.69	− 4.43	+25 21 1.3	+20.9
60	φ Geminorum	9	47 24.16	+ 0.46	**+13.61**	348 1 52.05	45.075	+ 4.79	− 12.5	7 47 38.20	.....	+27 0 42.2	....
61	χ Geminorum	9	57 24.09	+ 0.47	**+13.64**	349 3 52.68	47.475	+ 4.79	− 11.4	7 57 38.14	.....	+28 3 38.8	....
62	Moon II, S.	9	21 42.29	+ 0.44	+13.58	335 21 50.35	46.066	+ 4.79	− 27.1	8 21 56.31	−70.77	+14 20 48.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 3 27	29.72	35.6	36.3
3 57	......	....	35.3
4 18	29.725	34.8	35.8
4 47	......	....	35.0
5 1	29.73	34.0	34.8
5 48	29.73	33.5	35.1
6 8	......	....	35.2
6 34	29.735	34.0	36.1
6 57	......	....	[illegible]
7 29	29.745	34.0	37.0

Micrometer bisections are made at II, VI, except as noted below.

3, 30, 46.	Bisections at VI, VII.
10, 26, 33.	Bisections at I, II.
16, 51, 54, 56, 57.	Bisections at II, VII.
43.	Bisection at II.
62.	Bisections at II, III, IV, V, VI.

Notes.

27. Degrees and minutes of circle reading assumed.
53. Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
62	+24 45.1	+16 23.1	...	+41 8.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	December 7, Br.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	1 H. Draconis	7	23 12.37	+ 1.11	+13.46	42 45 54.58	42.092	+ 4.60	+ 55.4	9 23 26.94	.....	+81 44 44.4	....
2	κ Hydræ	9	35 28.97	+ 0.34	+13.46	307 9 51.12	41.525	+ 4.60	−1 18.9	9 35 42.77	.....	−13 53 46.3	....
3	11 Cephei s. p.	9	40 17.62	+ 0.27	+13.46	70 5 54.62	44.532	+ 4.60	+2 44.9	21 40 31.35	.....	+70 52 30.3	....
4	μ Leonis	9	47 4.49	+ 0.49	**+13.39**	347 27 54.10	46.840	+ 4.60	− 13.3	9 47 18.44	.....	+26 27 23.6	....
5	19 Leonis Minoris	9	51 34.42	+ 0.54	+13.46	2 32	......	....	.....	9 51 48.42	.....	+41 30	....
6	η Leonis	9	1 52.18	+ 0.46	**+13.35**	338 13 54.58	48.215	+ 4.60	− 23.9	10 2 6.11	.....	+17 13 44.9	....
7	24 Cephei s. p.	9	7 44.73	+ 0.26	+13.47	69 5 52.48	45.140	+ 4.60	+2 36.6	22 7 58.46	.....	+71 52 26.8	....
8	γ Leonis (*pr.*)	9	14 26.92	+ 0.47	**+13.42**	341 19 53.65	47.485	+ 4.60	− 20.2	10 14 40.86	.....	+20 19 31.0	....
9	30 H. Camelopardalis	6	19 8.76	+ 1.22	+13.47	44 3 53.62	41.390	+ 4.60	+ 58.1	10 19 23.45	− 4.66	+83 2 30.1	+40.8
10	9 H. Draconis	9	26 41.05	+ 0.87	+13.47	37 13 51.32	41.085	+ 4.60	+ 45.6	10 26 55.39	.....	+76 12 8.2	....
11	37 Leonis Minoris	9	33 4.93	+ 0.52	+13.47	353 29 54.05	43.735	+ 4.60	− 6.8	10 33 18.92	.....	+32 28 19.1	....
12	41 Leonis Minoris	9	37 57.68	+ 0.49	**+13.45**	344 41 54.10	46.828	+ 4.60	− 16.3	10 38 11.64	.....	+23 41 20.4	....
13	*l* Leonis	9	43 58.68	+ 0.45	**+13.45**	332 3 52.05	47.072	+ 4.60	− 31.7	10 44 12.60	.....	+11 3 8.5	....
14	54 Leonis	9	50 10.68	+ 0.49	+13.47	346 17 55.10	42.102	+ 4.60	− 14.6	10 50 24.64	− 2.87	+25 15 35.1	+27.7
15	36 H. Cephei s. p.	8	55 3.90	− 0.25	+13.47	57 9 51.38	43.157	+ 4.60	+1 32.9	22 55 17.12	− 4.89	+83 50 16.7	−41.3
16	ψ Ursæ Majoris	9	4 1.40	+ 0.57	+13.48	6 1 52.02	44.942	+ 4.60	+ 6.4	11 4 15.45	.....	+45 0 57.8	....
17	ν Ursæ Majoris	9	13 3.06	+ 0.52	+13.48	354 37 54.30	45.315	+ 4.60	− 5.6	11 13 17.06	.....	+33 36 56.6	....
18	249 B. Ursæ Majoris	9	16 53.57	+ 0.70	+13.48	25 51 53.38	44.192	+ 4.60	+ 29.2	11 17 7.75	.....	+64 51 4.9	....
19	τ Leonis	9	22 45.86	+ 0.42	**+13.45**	324 23 52.32	47.500	+ 4.60	− 42.8	11 22 59.76	.....	+ 3 23 7.5	....
20	γ Cephei s. p.	9	35 13.97	+ 0.16	+13.48	63 53 54.42	42.238	+ 4.60	+2 2.0	23 35 27.61	.....	+77 6 5.7	....
21	π Virginis	9	55 42.81	+ 0.44	[**+13.41**]	328 9 52.90	46.915	+ 4.60	− 37.1	11 55 56.73	.....	+ 7 9 0.4	....
22	*o* Virginis	9	0 4.65	+ 0.45	[**+13.46**]	330 17 52.80	44.135	+ 4.60	− 34.1	12 0 18.59	.....	+ 9 15 59.8	....
23	4 H. Draconis	9	7 23.18	+ 0.94	+13.49	39 9 53.92	42.355	+ 4.60	+ 48.9	12 7 37.61	.....	+78 8 43.1	....
24	η Virginis	9	14 45.22	+ 0.42	[**+13.47**]	320 53 52.22	44.988	+ 4.60	− 48.6	12 14 59.13	.....	− 0 7 55.8	....
25	Venus II, S	9	50 40.62	+ 0.38	+13.51	312 13 53.45	44.722	+ 4.60	−1 5.6	13 50 54.51	− 0.76	− 8 48 17.6	....
	December 8, Br.												
26	Sun I, N	5	55 21.69	+ 0.28	+13.54	298 39 51.32	44.570	+ 5.01	−1 46.8	16 55 35.51	+70.72	−22 23 4.3	....
27	Sun II, S	9	57 43.13	+ 0.28	+13.54	298 7 51.00	43.338	+ 5.01	−1 49.2	16 57 56.95	−70.72	−22 55 34.6	....
	December 9, Br.												
28	24 Cephei s. p.	9	7 44.23	+ 0.18	+14.01	69 5 53.38	45.250	+ 4.04	+2 34.7	22 7 58.42	.....	+71 52 25.9	....
29	γ Leonis (*pr.*)	9	14 26.36	+ 0.50	**+14.02**	341 19 54.18	47.468	+ 4.04	− 20.0	10 14 40.87	.....	+20 19 30.5	....
30	Moon II, S	9	20 8.64	+ 0.46	+14.01	327 59 51.05	43.986	+ 4.04	− 37.0	10 20 23.11	−67.94	+ 6 57 51.1	....
31	9 H. Draconis	9	26 40.62	+ 0.99	+14.01	37 13 53.78	41.027	+ 4.04	+ 45.2	10 26 55.62	.....	+76 12 8.4	....
32	37 Leonis Minoris	9	33 4.36	+ 0.55	+14.02	353 29 52.62	43.810	+ 4.04	− 6.7	10 33 18.93	.....	+32 28 18.9	....
33	41 Leonis Minoris	4	37 57.17	+ 0.52	**+14.00**	344 41 52.88	46.878	+ 4.04	− 16.2	10 38 11.71	.....	+23 41 20.1	....
34	*l* Leonis	9	43 58.11	+ 0.47	**+14.07**	332 3 51.80	47.118	+ 4.04	− 31.4	10 44 12.60	.....	+11 3 9.1	....
35	54 Leonis	9	50 10.13	+ 0.53	+14.02	346 17 53.12	42.225	+ 4.04	− 14.4	10 50 24.68	− 2.94	+25 15 35.2	+28.1
36	36 H. Cephei s. p.	9	55 3.03	− 0.50	+14.02	57 9 53.20	43.188	+ 4.04	+1 32.1	22 55 16.55	− 4.44	+83 50 15.8	−41.4
37	ψ Ursæ Majoris	9	4 0.84	+ 0.61	+14.02	6 1 53.50	44.902	+ 4.04	+ 6.3	11 4 15.47	.....	+45 0 57.7	....
38	θ Leonis	9	8 57.42	+ 0.50	**+13.97**	336 57 53.25	46.885	+ 4.04	− 25.2	11 9 11.94	.....	+15 57 11.6	....
39	ν Ursæ Majoris	9	13 2.57	+ 0.56	+14.02	354 37 53.70	45.340	+ 4.04	− 5.5	11 13 17.15	.....	+33 36 56.1	....
40	249 B. Ursæ Majoris	8	16 52.96	+ 0.77	+14.03	25 51 53.30	44.215	+ 4.04	+ 28.9	11 17 7.76	.....	+64 51 4.5	....
41	τ Leonis	9	22 45.31	+ 0.45	**+14.04**	324 24	......	....	.....	11 22 59.79	.....	+ 3 23	....
42	ξ Hydræ	9	28 2.50	+ 0.26	+14.03	289 43 51.62	46.271	+ 4.04	−2 43.8	11 28 16.79	.....	−31 19 22.7	....
43	χ Ursæ Majoris	9	40 43.23	+ 0.64	+14.03	9 19 53.80	43.582	+ 4.04	+ 9.8	11 40 57.90	.....	+48 18 31.3	....
44	β Virginis	9	45 26.87	+ 0.45	**+14.00**	323 19 52.88	45.642	+ 4.04	− 44.2	11 45 41.35	.....	+ 2 18 23.4	....
45	Groombridge 4163 s. p.	9	49 58.01	+ 0.16	+14.03	67 5 53.25	44.815	+ 4.04	+2 20.5	23 50 12.20	.....	+73 52 50.2	....
46	π Virginis	9	55 42.20	+ 0.47	**+14.06**	328 9 52.25	46.940	+ 4.04	− 36.8	11 55 56.70	.....	+ 7 9 0.1	....
47	*o* Virginis	9	0 4.10	+ 0.48	[**+14.05**]	330 17 53.48	44.108	+ 4.04	− 33.9	12 0 18.61	.....	+ 9 15 59.2	....
48	4 H. Draconis	9	7 22.63	+ 1.10	+14.04	39 9 53.12	42.418	+ 4.04	+ 48.6	12 7 37.77	.....	+78 8 43.0	....
49	η Virginis	9	14 44.61	+ 0.45	[**+14.11**]	320 53 51.50	45.012	+ 4.04	− 48.3	12 14 59.10	.....	− 0 7 56.2	....
50	6 Canum Venaticorum	9	20 51.42	+ 0.60	+14.04	0 33 53.15	45.125	+ 4.04	+ 0.7	12 21 6.06	− 1.76	+39 32 56.9	+29.1
51	Venus II, S	9	58 57.18	+ 0.42	+14.07	311 31 52.55	45.981	+ 4.08	−1 6.9	13 59 11.67	− 0.75	− 9 29 51.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 7 39	......	....	36.8
7 59	29.75	33.9	36.3
8 24	29.75	33.5	36.3
9 24	29.75	31.8	31.6
10 0	29.76	30.5	30.1
10 31	......	....	31.8
11 10	......	....	31.2
11 37	29.785	31.4	32.0
12 0	......	....	31 9
12 15	29.80	31.1	31.9
13 51	29.815	33.6	34.1
8 16 58	29.80	42.0	42.0
9 10 9	29.31	29.9	29.3
10 44	29.31	29.0	28.2
11 4	......	....	28.3
11 28	29.32	28.6	28.4
12 0	......	....	27.8
12 21	29.33	27.4	27.1
13 59	29.36	29.5	28.8

Micrometer bisections are made at II, VI, except as noted below.

1, 18, 28, 36, 45, 48. Bisections at b_4, b_5, b_6.
3. Bisections at b_4, b_6.
7, 10, 15, 20, 23, 31. Bisections at III, IV, V.
9. Bisections at b_5, b_6, b_7.
25, 42, 51. Bisections at I, II, VI, VII.
26. Bisections at I, II, III.
27. Bisections at V, VI, VII.
29, 35, 44, 47. Bisections at I, II.
30. Bisections at II, III, IV, V, VI.
33, 38. Bisections at VI, VII.
40. Bisections at b_4, b_5.

Notes.

1–24. Conditions poor.
3. Unsteady.
20. Very unsteady and woolly.
43. Micrometer reading decreased 3 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
25	+ 8.5	+ 11.3	...	+ 19.8
26	+ 7.8	−16 15.1	...	−16 7.3
27	+ 7.9	+16 15.1	...	+16 23.0
30	+31 11.6	+16 11.5	...	+47 23.1
51	+ 8.5	+ 11.1	...	+ 19.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	December 10, Br.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	4 7.29	+ 0.33	+14.10	297 55 52.48	42.438	+ 4.29	−1 49.5	17 4 21.72	+70.84	−23 7 55.2	....
2	Sun II, N.	9	6 28.97	+ 0.33	+14.10	298 27 53.00	43.662	+ 4.29	−1 47.1	17 6 43.40	−70.84	−22 35 23.8	....
	December 10, R.												
3	Moon II, S.	9	15 59.74	+ 0.47	.....	323 31 51.72	47.957	+ 4.57	− 45.0	11 16	.....	+ 2 31 15.0	....
4	6 B. Ursæ Minoris	9	13 33.61	+ 4.46	.....	49 13 55.45	43.807	+ 4.57	+1 11.1	12 13	.....	+88 13 40.0	....
5	23 Comæ Berenices	9	29 48.21	+ 0.55	.....	344 11 51.98	41.938	+ 4.57	− 17.3	12 30	.....	+23 9 25.7	....
6	ρ Virginis	9	36 45.87	+ 0.50	**[+14.46]**	331 47 50.55	43.948	+ 4.57	− 32.7	12 37	.....	+10 45 54.6	....
7	31 Comæ Berenices	9	46 45.32	+ 0.57	**[+14.44]**	349 3 51.95	47.802	+ 4.57	− 11.7	12 47	.....	+28 3 45.0	....
8	δ Virginis	8	50 30.39	+ 0.47	**[+14.47]**	324 55 50.42	47.860	+ 4.57	− 42.8	12 50	.....	+ 3 55 13.8	....
	December 11, R.												
9	Sun I, S.	9	8 28.77	+ 0.38	+16.50	297 49 52.22	43.972	+ 4.43	−1 53.5	17 8 45.65	+70.85	−23 13 24.3	....
10	Sun II, N.	9	10 50.48	+ 0.38	+16.50	298 21 52.15	45.257	+ 4.43	−1 51.0	17 11 7.36	−70.86	−22 40 51.9	....
11	33 Piscium	9	0 8.31	+ 0.43	**+16.63**	314 47 51.35	43.615	+ 4.50	−1 1.1	0 0 25.34	.....	− 6 14 40.6	....
12	6 B. Ursæ Minoris s. p.	5	13 38.64	− 2.00	+16.60	52 45 55.02	45.410	+ 4.50	+1 20.1	12 13 53.24	.....	+88 13 34.6	....
13	13 Ceti	9	30 1.58	+ 0.44	+16.60	316 53 50.90	47.058	+ 4.50	− 56.8	0 30 18.62	.....	− 4 7 17.8	....
14	β Ceti	9	38 29.46	+ 0.37	**+16.60**	302 31 50.45	44.518	+ 4.50	−1 35.0	0 38 46.44	.....	−18 30 54.8	....
15	ν Cassiopeiæ	9	43 7.43	+ 0.63	+16.61	11 28 0.95	44.262	+ 4.50	+ 12.4	0 43 24.67	− 4.75	+50 26 57.0	−32.6
16	h Piscium	9	52 21.91	+ 0.55	+16.61	349 29 53.28	44.558	+ 4.50	− 11.2	0 52 39.07	− 4.04	+28 28 32.7	−26.7
17	26 Ceti	9	58 35.87	+ 0.46	+16.61	321 51 51.52	47.770	+ 4.50	− 47.7	0 58 52.94	− 3.51	+ 0 51 7.9	−17.8
18	β Andromedæ	9	4 5.03	+ 0.57	+16.61	356 7 54.62	45.038	+ 4.50	− 4.1	1 4 22.21	.....	+35 6 52.0	....
19	37 Ceti	9	9 17.26	+ 0.42	+16.61	312 35 51.20	44.605	+ 4.50	−1 6.1	1 9 34.29	− 3.41	− 8 26 23.2	−14.2
20	l Piscium	9	15 32.52	+ 0.54	+16.61	349 13 53.82	49.220	+ 4.50	− 11.5	1 15 49.67	− 4.22	+28 14 19.4	−24.7
21	ω Andromedæ	9	21 38.63	+ 0.60	+16.62	5 55 54.58	44.560	+ 4.50	+ 6.4	1 21 55.85	− 4.95	+44 54 51.5	−28.0
22	η Piscium	9	26 4.29	+ 0.51	**+16.65**	335 51 52.32	46.762	+ 4.50	− 27.2	1 26 21.42	.....	+14 51 6.3	....
23	τ Andromedæ	9	34 38.67	+ 0.59	+16.62	1 5 53.68	46.798	+ 4.50	+ 1.3	1 34 55.88	− 4.84	+40 5 36.7	−25.6
24	τ Ceti	9	39 19.98	+ 0.38	**+16.64**	304 35 50.75	44.770	+ 4.50	−1 28.1	1 39 36.98	.....	−16 26 41.8	....
25	β Arietis	8	49 3.86	+ 0.52	**+16.64**	341 21 52.70	44.572	+ 4.50	− 20.5	1 49 21.00	.....	+20 20 23.3	....
26	53 Cassiopeiæ	9	55 38.81	+ 0.72	+16.62	24 55 55.40	45.998	+ 4.50	+ 28.5	1 55 56.15	− 7.29	+63 55 47.1	−26.9
27	α Arietis	9	1 29.43	+ 0.53	**+16.66**	344 1 53.60	44.860	+ 4.50	− 17.4	2 1 46.59	.....	+23 0 33.7	....
	December 11, Ei.-Y.												
28	B. D.+25°536.	9	14 28.06	+ 0.56	+16.69	346 19 52.45	45.992	+ 4.50	− 14.8	3 14 45.31	− 4.87	+25 19 1.0	−11.2
29	τ¹ Arietis	9	15 24.96	+ 0.55	**+16.71**	341 49 51.55	43.750	+ 4.50	− 20.0	3 15 42.20	.....	+20 48 3.9	....
30	B. D.+20°556.	9	18 37.87	+ 0.54	+16.70	341 29 52.25	42.942	+ 4.50	− 20.4	3 18 55.11	− 4.70	+20 27 45.5	− 9.9
31	B. D.+23°456.	9	21 54.12	+ 0.55	+16.70	344 51 52.98	45.742	+ 4.50	− 16.5	3 22 11.37	− 4.84	+23 50 54.1	−10.1
32	[illegible] Tauri	9	24 53.56	+ 0.52	+16.70	332 1 51.68	45.138	+ 4.50	− 32.4	3 25 10.78	− 4.41	+11 0 23.1	− 7.7
33	ε Eridani	9	28 8.35	+ 0.44	**+16.66**	311 13 49.88	48.158	+ 4.50	−1 9.6	3 28 25.49	.....	− 9 47 6.7	....
34	η Tauri	9	41 30.66	+ 0.55	**+16.71**	344 49 51.88	44.668	+ 4.50	− 16.5	3 41 47.91	.....	+23 48 28.7	....
35	B. D.+25°624.	9	44 16.64	+ 0.56	+16.70	346 17 53.65	46.860	+ 4.50	− 14.8	3 44 33.90	− 4.97	+25 17 22.0	− 7.4
36	B. D.+25°641.	9	47 31.63	+ 0.56	+16.70	346 23 53.22	48.115	+ 4.50	− 14.7	3 47 48.89	− 4.98	+25 23 50.4	− 7.1
37	B. D.+22°605.	9	50 55.67	+ 0.55	+16.70	343 13 51.30	43.660	+ 4.50	− 18.4	3 51 12.92	− 4.87	+22 12 3.2	− 6.2
38	B. D.+16°544.	9	54 51.76	+ 0.54	+16.70	338 1 52.85	47.690	+ 4.50	− 24.6	3 55 9.00	− 4.69	+17 1 30.1	− 5.2
39	B. D.+25°662.	9	55 50.88	+ 0.56	+16.70	346 39 52.55	46.545	+ 4.50	− 14.4	3 56 8.14	− 5.02	+25 39 14.4	− 6.0
40	B. D.+25°675.	9	59 59.19	+ 0.56	+16.70	346 57 53.12	46.032	+ 4.50	− 14.1	4 0 16.45	− 5.04	+25 57 3.3	− 5.5
41	B. D.+23°624.	9	2 50.88	+ 0.55	+16.70	344 37 52.80	45.840	+ 4.50	− 16.8	4 3 8.13	− 4.95	+23 36 55.9	− 4.9
42	B. D.+16°569.	9	6 44.90	+ 0.54	+16.71	338 1 52.55	48.395	+ 4.50	− 24.6	4 7 2.15	− 4.71	+17 1 46.2	− 3.8
43	B. D.+27°649.	9	8 20.26	+ 0.56	+16.71	348 43 53.02	45.655	+ 4.50	− 12.1	4 8 37.53	− 5.14	+27 42 56.6	− 4.6
44	B. D.+20°740.	9	15 35.69	+ 0.55	+16.71	341 49 52.50	45.240	+ 4.50	− 20.0	4 15 52.95	− 4.86	+20 48 38.7	− 3.0
45	B. D.+18°633.	9	19 5.41	+ 0.54	+16.71	339 49 51.52	46.890	+ 4.50	− 22.4	4 19 22.66	− 4.80	+18 49 12.7	− 2.4
46	B. D.+22°696.	9	20 17.79	+ 0.55	+16.71	343 35 51.82	47.960	+ 4.50	− 18.0	4 20 35.05	− 4.94	+22 35 42.1	− 2.6
47	ε Tauri	9	22 44.67	+ 0.54	**+16.72**	339 59 51.80	43.628	+ 4.50	− 22.3	4 23 1.92	.....	+18 57 58.8	....
48	80 Tauri	9	24 24.11	+ 0.53	+16.71	336 25 52.45	48.110	+ 4.50	− 26.6	4 24 41.35	− 4.68	+15 25 37.9	− 1.6
49	B. D.+16°621.	9	27 52.46	+ 0.53	+16.71	337 7 51.98	46.940	+ 4.50	− 25.8	4 28 9.70	− 4.72	+16 7 11.2	− 1.2
50	α Tauri	9	30 8.74	+ 0.53	**+16.71**	337 19 50.42	46.252	+ 4.50	− 25.5	4 30 25.98	.....	+16 18 54.2	....
51	B. D.+15°661.	9	32 23.67	+ 0.53	+16.71	336 51 51.68	44.845	+ 4.50	− 26.1	4 32 40.91	− 4.71	+15 50 22.8	− 0.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 17 6	29.36	37.5	37.4
11 20	29.73	23.5	22.0
12 21	29.74	22.4	21.3
12 54	29.745	22.3	22.3
11 17 11	[illegible]	30.6	30.0
23 56	29.94	28.9	27.7
0 14	29.945	28.9	27.6
0 46	......	....	27.0
1 13	29.96	27.0	26.4
1 43	......	....	26.0
2 4	29.96	26.7	25.8
3 12	29.98	25.7	25.1
4 4	29.97	25.3	24.7
4 27	......	....	24.3

Micrometer bisections are made at II, VI, except as noted below.

1, 9.	Bisections at I, II, III.
2, 10.	Bisections at V, VI, VII.
3.	Bisections at II, III, IV, V, VI.
4, 12.	Bisections at b_1, b_5, b_6.
5, 13, 22, 25, 29, 34, 37, 39.	Bisections at VI, VII.
33.	Bisections at II, VI, VII.
38, 45.	Bisections at I, II.
48.	Bisection at VI.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 7.9	+16 15.7	...	+16 23.6
2	+ 7.8	−16 15.6	...	−16 7.8
3	+34 42.5	+16 3.4	...	+50 45.9
9	+ 7.9	+16 16.2	...	+16 24.1
10	+ 7.8	−16 16.1	...	−16 8.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*i* Tauri	9	45 29.46	+ 0.54	+16.71	339 41 52.22	45.000	+ 4.50	− 22.6	4 45 46.71	.....	+18 40 30.3	....
2	B. D.+25°746	9	47 27.56	+ 0.56	+16.72	346 13 52.50	44.248	+ 4.50	− 15.0	4 47 44.84	− 5.08	+25 12 21.0	+ 0.7
3	*k* Tauri	9	52 0.93	+ 0.56	+16.72	345 55 53.22	43.472	+ 4.50	− 15.3	4 52 18.21	− 5.06	+24 54 3.7	+ 1.3
4	B. D.+27°716	9	53 39.16	+ 0.56	+16.72	348 9 52.75	50.492	+ 4.50	− 12.8	4 53 56.44	− 5.16	+27 10 46.1	+ 1.5
5	ι Tauri	9	57 5.53	+ 0.55	**+16.70**	342 27 53.00	46.350	+ 4.50	− 19.3	4 57 22.80	.....	+21 27 5.5	....
6	11 Orionis	9	58 49.03	+ 0.53	**+16.70**	336 17 51.65	44.252	+ 4.50	− 26.9	4 59 6.28	.....	+15 16 8.4	....
7	B. D.+16°697	9	1 12.62	+ 0.54	+16.72	337 41 50.60	48.862	+ 4.50	− 25.1	5 1 29.88	− 4.76	+16 41 54.5	+ 2.6
8	B. D.+23°872	9	4 54.56	+ 0.55	+16.72	344 7 52.78	41.268	+ 4.50	− 17.4	5 5 11.83	− 4.99	+23 5 10.8	+ 3.0
9	B. D.+26°796	9	6 8.97	+ 0.56	+16.72	347 21 52.52	44.280	+ 4.50	− 13.7	5 6 26.25	− 5.12	+26 20 23.0	+ 3.2
10	B. D.+18°806	9	9 56.06	+ 0.54	+16.72	339 31 51.92	48.078	+ 4.50	− 22.8	5 10 13.32	− 4.82	+18 31 40.1	+ 3.6
11	B. D.+21°813	9	12 30.49	+ 0.55	+16.72	342 43 50.95	41.688	+ 4.50	− 19.0	5 12 47.76	− 4.93	+21 41 16.9	+ 4.0
12	B. D.+25°818	9	14 7.92	+ 0.56	+16.72	346 3 53.02	49.235	+ 4.50	− 15.1	5 14 25.20	− 5.07	+25 4 15.4	+ 4.2
13	B. D.+31°954	9	18 11.25	+ 0.58	+16.72	352 9 52.25	42.995	+ 4.50	− 8.4	5 18 28.55	− 5.34	+31 7 58.7	+ 4.8
14	B. D.+16°775	9	20 16.86	+ 0.54	+16.72	337 37 51.00	45.925	+ 4.50	− 25.2	5 20 34.12	− 4.75	+16 36 47.9	+ 4.9
15	B. D.+17°931	9	22 11.27	+ 0.54	+16.72	338 9 52.40	47.545	+ 4.50	− 24.5	5 22 28.53	− 4.77	+17 9 27.0	+ 5.1
16	B. D.+26°835	9	26 12.04	+ 0.56	+16.72	347 55 52.25	44.700	+ 4.50	− 13.1	5 26 29.32	− 5.13	+26 54 33.0	+ 5.2
17	B. D.+27°806	8	29 38.08	+ 0.56	+16.72	348 35 53.52	48.155	+ 4.50	− 12.3	5 29 55.36	− 5.16	+27 35 54.0	+ 6.2
18	B. D.+30°963	9	32 12.31	+ 0.57	+16.73	351 27 53.62	43.105	+ 4.50	− 9.2	5 32 29.61	− 5.28	+30 26 1.8	+ 6.7
19	ζ Orionis	9	35 38.93	+ 0.47	**+16.72**	319 1 52.45	45.815	+ 4.50	− 53.2	5 35 56.13	.....	− 1 59 41.4	....
20	κ Orionis	9	42 56.33	+ 0.44	**+16.69**	311 19 49.75	44.940	+ 4.50	−1 9.6	5 43 13.50	.....	− 9 42 20.5	....
21	8 Monocerotis	9	18 24.84	+ 0.49	**+16.73**	325 39 50.45	45.612	+ 4.50	− 41.8	6 18 42.07	.....	+ 4 38 23.4	....
22	Neptune C, C	9	21 12.23	+ 0.55	+16.74	343 17 52.05	43.929	+ 4.50	− 18.4	6 21 29.52	.....	+22 16 9.8	....
23	10 Monocerotis	9	22 57.13	+ 0.46	**+16.79**	316 19 50.22	44.595	+ 4.50	− 58.5	6 23 14.33	.....	− 4 42 16.8	....
	December 11, Br.												
24	54 Leonis	5	50 7.51	+ 0.59	+16.67	346 17 58.00	41.970	+ 4.18	− 15.0	10 50 24.77	− 3.01	+25 15 34.3	+28.4
25	χ Leonis	8	59 46.66	+ 0.54	**+16.66**	328 51 54.05	47.562	+ 4.18	− 37.1	11 0 3.87	.....	+ 7 51 16.2	....
26	θ Leonis	9	8 54.74	+ 0.56	**+16.66**	336 57 55.35	46.835	+ 4.18	− 26.1	11 9 11.97	.....	+15 57 11.6	....
27	δ Crateris	9	14 15.39	+ 0.44	**+16.67**	306 45 53.15	47.752	+ 4.18	−1 22.3	11 14 32.50	.....	−14 15 25.8	....
28	τ Leonis	9	22 42.66	+ 0.52	**+16.69**	324 23 53.20	47.510	+ 4.18	− 44.1	11 22 59.85	.....	+ 3 23 6.9	....
29	ξ Hydræ	9	27 59.96	+ 0.34	+16.67	289 43 52.88	46.478	+ 4.18	−2 50.1	11 28 16.97	.....	−31 19 22.9	....
30	γ Cephei s. p.	9	35 10.48	+ 0.20	+16.68	63 53 55.72	42.045	+ 4.18	+2 5.8	23 35 27.36	.....	+77 6 5.5	....
31	χ Ursæ Majoris	9	40 40.60	+ 0.68	+16.68	9 19 54.85	43.500	+ 4.18	+ 10.2	11 40 57.96	.....	+48 18 31.0	....
32	β Virginis	9	45 24.23	+ 0.51	**+16.64**	323 19 53.92	45.615	+ 4.18	− 45.9	11 45 41.42	.....	+ 2 18 22.5	....
33	π Virginis	9	55 39.62	+ 0.53	**+16.64**	328 9 53.15	46.932	+ 4.18	− 38.2	11 55 56.83	.....	+ 7 8 59.5	....
34	ο Virginis	8	0 1.50	+ 0.54	**+16.65**	330 17 54.45	44.062	+ 4.18	− 35.2	12 0 18.72	.....	+ 9 15 58.2	....
35	Moon II, S	9	10 16.98	+ 0.51	+16.69	318 59 53.15	45.445	+ 4.18	− 53.5	12 10 34.18	−66.03	− 2 1 49.8	....
36	δ Corvi	9	24 36.28	+ 0.44	**[+16.71]**	305 3 51.72	44.702	+ 4.18	−1 27.6	12 24 53.41	.....	−15 58 42.2	....
37	23 Comæ Berenices	5	29 45.96	+ 0.59	+16.69	344 11 53.78	41.892	+ 4.18	− 17.4	12 30 3.24	.....	+23 9 25.9	....
38	ρ Virginis	9	36 43.62	+ 0.55	**[+16.69]**	331 47 53.78	43.820	+ 4.18	− 33.0	12 37 0.86	.....	+10 45 54.2	....
39	α Ursæ Minoris s. p.	6	25 4.08	− 3.88	+16.70	52 11 56.00	44.648	+ 4.18	+1 19.4	1 25 16.90	.....	+88 47 52.1	....
40	Venus II, C	9	7 17.62	+ 0.46	+16.71	310 49 50.68	51.942	+ 4.08	−1 10.6	14 7 34.79	− 0.74	−10 11 16.3	....
	December 12, Br.												
41	Sun I, N	9	12 52.67	+ 0.39	+16.76	298 15 50.28	47.902	+ 3.88	−1 50.1	17 13 9.82	+70.97	−22 45 53.6	....
42	Sun II, S	9	15 14.61	+ 0.39	+16.76	297 43 50.55	46.558	+ 3.88	−1 52.6	17 15 31.76	−70.97	−23 18 26.0	....
	December 14, M.												
43	τ Andromedæ	9	34 31.74	+ 0.58	+23.60	1 5 53.95	46.802	+ 4.90	+ 1.3	1 34 55.92	− 4.81	+40 5 37.4	−25.8
44	χ Ceti	9	44 28.73	+ 0.39	+23.60	309 51 52.35	46.455	+ 4.90	−1 13.0	1 44 52.72	.....	−11 9 46.2	....
45	β Arietis	9	48 56.89	+ 0.51	**+23.58**	341 21 56.05	44.420	+ 4.90	− 20.6	1 49 21.00	.....	+20 20 23.3	....
46	53 Cassiopeiæ	9	55 31.81	+ 0.74	+23.60	24 55 55.10	46.020	+ 4.90	+ 28.5	1 55 56.15	− 7.22	+63 55 47.7	−27.3
47	θ Arietis	9	12 23.96	+ 0.51	+23.61	340 27 56.58	47.278	+ 4.90	− 21.6	2 12 48.08	− 4.33	+19 27 28.1	−17.0
48	ξ Arietis	9	19 17.03	+ 0.48	+23.61	331 11 53.92	45.495	+ 4.90	− 33.5	2 19 41.12	− 4.11	+10 10 32.8	−13.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 4 56	29.99	25.2	24.1
5 17	......	....	24.0
5 45	29.995	25.0	23.9
6 18	......	....	23.8
6 25	30.00	25.0	24.0
10 50	30.03	22.9	....
11 0	......	....	23.0
11 14	......	....	22.2
11 28	......	....	22.0
11 45	30.04	22.8	22.0
12 11	......	....	22.0
12 37	30.04	23.0	22.1
13 25	30.05	24.5	23.9
14 7	30.06	27.2	26.0
12 17 15	30.015	37.0	38.1
14 1 30	30.10	29.0	27.5
1 59	......	....	27.4

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at II, VII.
5, 14, 15, 24, 25, 37. Bisections at VI, VII.
22, 29, 40. Bisections at I, II, VI, VII.
30. Bisections at III, IV, V.
35. Bisections at II, III, IV, V, VI.
39. Bisections at b_4, b_5, b_6.
40. Z. D. threads C used.
41. Bisections at I, II, III.
42. Bisections at V, VI, VII.

Notes.

39. Unsteady.
39. Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
22	+ 0.1	.. ....	...	+ 0.1
35	+38 0.6	+15 54.6	...	+53 55.2
40	+ 8.4	.. ....	+ 0.4	+ 8.8
41	+ 7.8	−16 16.2	...	−16 8.4
42	+ 7.9	+16 16.1	...	+16 24.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	27 Arietis	9	25 11.76	+ 0.50	+23.61	338 17 56.32	45.590	+ 4.90	− 24.3	2 25 35.87	− 4.34	+17 16 46.6	−15.1
2	η Eridani	9	51 21.08	+ 0.40	**+23.65**	311 45 50.92	43.282	+ 4.90	−1 8.3	2 51 45.09	.....	− 9 16 55.5	....
3	β Persei	9	1 32.64	+ 0.59	+23.61	1 36	......	....	. ....	3 1 56.84	.....	+40 35	....
4	δ Arietis	9	5 45.35	+ 0.51	**+23.61**	340 23 53.40	43.040	+ 4.90	− 21.7	3 6 9.47	.....	+19 21 48.0	....
5	ξ Tauri	9	21 34.96	+ 0.47	**+23.61**	330 25 52.12	43.740	+ 4.90	− 34.7	3 21 59.05	.....	+ 9 23 49.6	....
6	10 Tauri	9	31 35.45	+ 0.44	+23.62	321 7 55.40	43.992	+ 4.90	− 49.2	3 31 59.51	.....	+ 0 5 44.3	....
7	o Persei	9	37 55.14	+ 0.55	+23.62	352 59 54.92	45.655	+ 4.90	− 7.5	3 38 19.31	− 5.26	+31 59 3.4	− 9.2
	December 14, Br.												
8	α Ursæ Minoris s. p.	6	24 54.95	− 3.01	+23.59	52 11 55.28	44.602	+ 4.98	+1 19.3	1 25 15.53	.....	+88 47 53.1	....
9	η Bootis	3	49 41.66	+ 0.55	[**+23.53**]	339 54	......	....	. ....	13 50 5.80	.....	+18 52	....
10	α Bootis	9	10 51.64	+ 0.55	[**+23.57**]	340 41 54.20	46.042	+ 4.98	− 21.4	14 11 15.79	.....	+19 40 57.8	....
11	Venus II, S	9	19 56.36	+ 0.45	+23.61	309 47 52.00	47.012	+ 4.98	−1 13.5	14 20 20.42	− 0.72	−11 13 34.2	....
	December 15, Br.												
12	Sun I, S	9	26 0.81	+ 0.39	+23.64	297 31 51.82	45.668	+ 5.24	−1 55.8	17 26 24.84	+71.08	−23 30 47.4	....
13	Sun II, N	9	28 22.98	+ 0.39	+23.64	298 3 50.88	47.053	+ 5.24	−1 53.2	17 28 47.01	−71.09	−22 58 13.6	....
14	22 Andromedæ	9	4 56.09	+ 0.70	+23.68	6 33 54.30	43.720	+ 4.69	+ 7.1	0 5 20.47	.....	+45 32 32.9	....
15	35 Piscium	9	9 38.11	+ 0.54	+23.68	329 17 51.92	47.782	+ 4.68	− 36.1	0 10 2.33	− 3.28	+ 8 17 20.3	−22.7
16	d Piscium	9	15 15.48	+ 0.54	+23.68	328 39 51.20	48.202	+ 4.67	− 37.0	0 15 39.70	− 3.31	+ 7 39 28.3	−22.2
17	44 Piscium	9	20 4.92	+ 0.51	**+23.64**	322 25 53.00	46.022	+ 4.65	− 46.7	0 20 29.11	.....	+ 1 24 30.6	....
18	12 Ceti	9	24 44.37	+ 0.48	**+23.68**	316 31 51.15	47.120	+ 4.64	− 57.6	0 25 8.53	.....	− 4 29 17.1	....
19	319 B. Cephei	8	32 12.06	+ 1.50	+23.69	42 57 56.32	45.697	+ 4.62	+ 56.8	0 32 37.25	−11.34	+81 58 9.7	−37.4
20	ν Cassiopeiæ	4	43 0.31	+ 0.72	+23.69	11 27 54.32	44.505	+ 4.59	+ 12.4	0 43 24.72	− 4.68	+50 26 56.2	−32.8
21	20 Ceti	9	47 42.21	+ 0.49	**+23.67**	319 21 53.15	45.040	+ 4.58	− 52.2	0 48 6.39	.....	− 1 39 57.5	....
22	h Piscium	9	52 14.73	+ 0.60	+23.69	349 29 53.45	44.515	+ 4.57	− 11.2	0 52 39.02	− 3.99	+28 28 31.9	−26.6
23	26 Ceti	9	58 28.75	+ 0.50	+23.69	321 51 51.60	47.752	+ 4.55	− 47.8	0 58 52.94	− 3.47	+ 0 51 7.5	−17.4
24	Groombridge 2006 s. p.	5	2 59.54	− 3.16	+23.69	52 49 53.85	45.358	+ 4.53	+1 20.6	13 3 20.07	+44.01	+88 9 36.1	+34.7
25	α Ursæ Minoris	5	24 45.45	+ 6.11	+23.69	49 47 54.35	44.567	+ 4.48	+1 12.4	1 25 15.25	.....	+88 47 57.2	....
26	τ Ceti	9	39 12.89	+ 0.41	**+23.66**	304 35 51.65	44.715	+ 4.44	−1 28.2	1 39 37.00	.....	−16 26 42.3	....
27	χ Ceti	9	44 28.59	+ 0.44	+23.70	309 51 51.12	46.518	+ 4.43	−1 12.9	1 44 52.73	.....	−11 9 46.4	....
28	β Arietis	9	48 56.76	+ 0.56	**+23.67**	341 21 53.60	44.540	+ 4.41	− 20.5	1 49 21.02	.....	+20 20 23.2	....
29	53 Cassiopeiæ	9	55 31.61	+ 0.81	+23.70	24 55 53.95	46.072	+ 4.40	+ 28.5	1 55 56.12	− 7.20	+63 55 47.5	−27.5
30	ν Fornacis	9	59 47.81	+ 0.32	+23.70	291 17 53.72	45.040	+ 4.39	−2 35.3	2 0 11.83	− 3.20	−29 45 39.9	− 4.5
31	15 Arietis	9	4 54.89	+ 0.56	+23.70	340 3 53.52	45.930	+ 4.37	− 22.1	2 5 19.15	− 4.27	+19 2 53.2	−17.6
32	θ Arietis	9	12 23.79	+ 0.56	+23.70	340 27 54.80	47.365	+ 4.36	− 21.6	2 12 48.05	− 4.33	+19 27 27.8	−16.9
33	ξ Arietis	9	19 16.89	+ 0.52	+23.70	331 11 53.10	45.532	+ 4.33	− 33.5	2 19 41.11	− 4.10	+10 10 32.3	−13.9
34	27 Arietis	9	25 11.56	+ 0.55	+23.70	338 17 54.48	45.632	+ 4.32	− 24.3	2 25 35.81	− 4.33	+17 16 45.1	−15.1
35	ν Ceti	9	30 26.79	+ 0.50	**+23.70**	326 11 52.38	45.560	+ 4.30	− 40.9	2 30 50.99	.....	+ 5 10 24.8	....
36	118 H¹. Cassiopeiæ	9	36 12.53	+ 0.83	+23.70	28 25 53.90	44.225	+ 4.29	+ 33.2	2 36 37.06	− 8.67	+67 25 9.9	−22.3
	December 15, Ei.-Y.												
37	ε Eridani	9	28 1.20	+ 0.42	**+23.83**	311 13 50.82	48.052	+ 4.42	−1 9.7	3 28 25.47	.....	− 9 47 8.4	....
38	δ Eridani	9	38 15.77	+ 0.42	**+23.82**	310 55 49.78	47.338	+ 4.47	−1 10.5	3 38 40.04	.....	−10 5 26.6	....
39	B. D.+23°536	9	41 15.51	+ 0.54	+23.85	344 49 52.82	46.318	+ 4.48	− 16.6	3 41 39.90	− 4.91	+23 49 7.2	− 7.6
40	B. D.+25°624	9	44 9.52	+ 0.54	+23.85	346 17 53.48	46.852	+ 4.50	− 14.9	3 44 33.91	− 4.98	+25 17 21.6	− 7.4
41	B. D.+25°641	9	47 24.50	+ 0.54	+23.85	346 23 52.52	48.128	+ 4.52	− 14.8	3 47 48.89	− 4.99	+25 23 49.9	− 7.1
42	B. D.+16°544	9	54 44.60	+ 0.52	+23.85	338 1 52.40	47.672	+ 4.56	− 24.7	3 55 8.97	− 4.70	+17 1 29.2	− 5.0
43	B. D.+25°662	4	55 43.76	+ 0.54	+23.85	346 39 53.38	46.512	+ 4.56	− 14.5	3 56 8.15	− 5.03	+25 39 14.4	− 6.0
44	B. D.+25°675	9	59 52.01	+ 0.55	+23.85	346 57 53.05	46.028	+ 4.58	− 14.2	4 0 16.41	− 5.05	+25 57 3.1	− 5.5
45	B. D.+23°624	9	2 43.77	+ 0.54	+23.85	344 37 52.15	45.875	+ 4.60	− 16.8	4 3 8.16	− 4.97	+23 36 56.1	− 4.9
46	B. D.+16°569	9	6 37.81	+ 0.52	+23.85	338 1 53.62	48.320	+ 4.62	− 24.7	4 7 2.18	− 4.73	+17 1 45.6	− 3.6
47	B. D.+21°623	9	13 32.58	+ 0.53	+23.85	342 33 52.85	44.640	+ 4.65	− 19.3	4 13 56.96	− 4.91	+21 32 26.2	− 3.2
48	B. D.+20°740	9	15 28.52	+ 0.53	+23.85	341 49 52.12	45.265	+ 4.66	− 20.1	4 15 52.90	− 4.88	+20 48 38.9	− 2.9
49	B. D.+18°633	9	18 58.22	+ 0.52	+23.85	339 49 51.68	46.858	+ 4.68	− 22.5	4 19 22.59	− 4.82	+18 49 12.5	− 2.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 2 28	30.10	28.0	27.0
2 51	30.09	27.8	26.8
3 38	[illegible]	26.9	26.2
13 29	......	....	23.8
13 34	30.03	24.7	....
14 11	......	....	24.0
14 20	30.03	25.9	24.1
15 17 26	29.99	30.0	28.7
0 5	29.965	27.1	26.9
0 32	[illegible]	26.8	27.0
0 58	......	....	26.3
1 25	29.97	26.6	25.8
[illegible]	29.975	25.6	25.0
3 30	[illegible]	24.7	24.0
3 50	......	....	23.5
4 7	29.96	23.8	22.3

Micrometer bisections are made at II, VI, except as noted below.

5.	Bisection at II.
8.	Bisections at b_4, b_5, b_6.
11, 30.	Bisections at I, II, VI, VII.
12.	Bisections at I, II, III.
13.	Bisections at V, VI, VII.
19, 29, 36.	Bisections at III, IV, V.
20, 39, 43.	Bisections at VI, VII.
21, 42.	Bisections at I, II.
24.	Bisections at b_1, b_3, b_5.
25.	Bisections at b_3, b_5, b_7.
37, 45.	Bisections at II, VII.

Notes.

8.	Micrometer reading decreased 1 rev.
8, 9, 10.	Clouds.
25.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 8.3	+ 10.6	...	+ 18.9
12	+ 7.9	+16 16.9	...	+16 24.8
13	+ 7.9	−16 16.9	...	−16 9.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ε Tauri	9	22 37.47	+ 0.52	**+23.96**	339 59 52.48	43.602	+ 4.70	− 22.4	4 23 1.84	.....	+18 57 59.0	....
2	80 Tauri	9	24 17.04	+ 0.51	+23.85	336 25 52.58	48.085	+ 4.71	− 26.8	4 24 41.40	− 4.71	+15 25 37.2	− 1.4
3	B. D.+16°621	9	27 45.36	+ 0.52	+23.85	337 7 51.60	46.902	+ 4.73	− 25.9	4 28 9.73	− 4.74	+16 7 10.1	− 1.0
4	α Tauri	9	30 1.63	+ 0.52	**+23.86**	337 19 51.42	46.188	+ 4.74	− 25.7	4 30 26.00	.....	+16 18 53.8	....
5	B. D.+15°661	9	32 16.59	+ 0.51	+23.85	336 51 52.55	44.772	+ 4.75	− 26.3	4 32 40.95	− 4.74	+15 50 22.0	− 0.4
6	τ Tauri	9	36 5.89	+ 0.53	**+23.92**	343 47 52.82	44.220	+ 4.77	− 17.9	4 36 30.28	.....	+22 46 18.0	....
7	B. D.+18°719	9	40 17.35	+ 0.52	+23.86	339 33 52.48	47.818	+ 4.79	− 22.9	4 40 41.73	− 4.84	+18 33 35.0	+ 0.3
8	B. D.+21°707	9	42 38.60	+ 0.53	+23.86	342 9 51.52	45.350	+ 4.80	− 19.8	4 43 2.99	− 4.94	+21 8 40.7	+ 0.4
9	B. D.+25°746	9	47 20.44	+ 0.54	+23.86	346 13 52.28	44.275	+ 4.83	− 15.1	4 47 44.84	− 5.11	+25 12 21.3	+ 0.7
10	B. D.+20°846	9	49 7.98	+ 0.52	+23.86	341 9 51.75	47.355	+ 4.83	− 21.0	4 49 32.36	− 4.80	+20 9 25.6	+ 1.3
11	k Tauri	9	51 53.77	+ 0.53	+23.86	345 55 52.48	43.510	+ 4.85	− 15.4	4 52 18.16	− 5.10	+24 54 4.1	+ 1.3
	December 16, R.												
12	f Piscium	9	12 26.66	+ 0.52	+24.07	324 7 52.40	46.000	+ 4.40	− 43.7	1 12 51.25	.....	+ 3 6 32.2	....
13	θ Ceti	9	18 49.33	+ 0.49	**+24.08**	312 21 49.90	43.578	+ 4.40	−1 6.3	1 19 13.89	.....	− 8 40 48.2	....
14	η Piscium	9	25 56.76	+ 0.56	**+24.08**	335 51 52.32	46.790	+ 4.40	− 27.1	1 26 21.39	.....	+14 51 6.7	....
15	τ Andromedæ	9	34 31.12	+ 0.61	+24.08	1 5 53.28	46.825	+ 4.40	+ 1.2	1 34 55.81	− 4.79	+40 5 36.7	−25.9
16	τ Ceti	9	39 12.44	+ 0.46	**+24.05**	304 35 50.68	44.718	+ 4.40	−1 27.6	1 39 36.98	.....	−16 26 42.7	....
17	χ Ceti	9	44 28.14	+ 0.48	+24.08	309 51 51.35	46.465	+ 4.40	−1 12.5	1 44 52.70	.....	−11 9 47.0	....
18	β Arietis	9	48 56.36	+ 0.57	**+24.05**	341 21 53.02	44.552	+ 4.40	− 20.4	1 49 21.01	.....	+20 20 23.0	....
19	53 Cassiopeiæ	9	55 31.28	+ 0.70	+24.08	24 55 55.30	46.055	+ 4.40	+ 28.3	1 55 56.06	− 7.18	+63 55 47.6	−27.7
20	ν Fornacis	9	59 47.34	+ 0.39	+24.08	291 17 51.50	45.125	+ 4.40	−2 34.3	2 0 11.81	− 3.19	−29 45 39.2	− 4.5
21	ξ¹ Ceti	9	7 30.84	+ 0.54	**+24.07**	329 25 50.95	43.710	+ 4.40	− 35.8	2 7 55.46	.....	+ 8 23 46.3	....
22	ξ Arietis	9	19 16.44	+ 0.54	+24.08	331 11 51.82	45.565	+ 4.40	− 33.3	2 19 41.06	− 4.10	+10 10 32.1	−13.8
23	ν Ceti	9	30 26.39	+ 0.53	**+24.06**	326 11 51.60	45.582	+ 4.40	− 40.6	2 30 51.01	.....	+ 5 10 24.9	....
24	δ Ceti	9	34 9.89	+ 0.51	**+24.13**	320 55 49.75	47.008	+ 4.40	− 49.2	2 34 34.49	.....	− 0 5 12.9	....
25	μ Ceti	9	39 21.43	+ 0.54	**+24.06**	330 43 50.88	45.528	+ 4.40	− 34.0	2 39 46.06	.....	+ 9 42 29.6	....
	December 16, Br.												
26	χ Ursæ Majoris	9	40 33.48	+ 0.64	+24.11	9 19 56.00	43.350	+ 5.00	+ 10.2	11 40 58.23	.....	+48 18 29.7	....
27	β Virginis	9	45 16.83	+ 0.54	**+24.17**	323 19 53.72	45.555	+ 5.00	− 45.9	11 45 41.48	.....	+ 2 18 21.8	....
28	π Virginis	9	55 32.31	+ 0.56	**+24.08**	328 9 52.88	46.862	+ 5.00	− 38.3	11 55 56.98	.....	+ 7 8 58.4	....
29	ο Virginis	9	59 54.15	+ 0.56	**+24.14**	330 17 53.42	44.050	+ 5.00	− 35.2	12 0 18.82	.....	+ 9 15 57.7	....
30	6 B. Ursæ Minoris	9	13 30.67	+ 1.42	+24.11	49 13 53.72	43.815	+ 5.00	+1 11.9	12 13 56.20	.....	+88 13 39.3	....
31	δ Corvi	9	24 28.99	+ 0.48	**+24.11**	305 3 52.92	44.598	+ 5.00	−1 27.9	12 24 53.59	.....	−15 58 42.9	....
32	ρ Virginis	9	36 36.34	+ 0.57	[+**24.11**]	331 47 55.85	43.635	+ 5.00	− 33.2	12 37 1.03	.....	+10 45 52.7	....
33	35 Virginis	9	42 32.92	+ 0.55	[+**24.14**]	325 7 54.20	44.080	+ 5.00	− 43.1	12 42 57.59	.....	+ 4 5 51.3	....
34	32² H. Camelopardalis	9	47 49.87	+ 0.89	+24.12	44 55 52.90	44.825	+ 5.00	+1 1.9	12 48 14.88	.....	+83 55 51.8	....
35	ε Virginis	9	56 58.52	+ 0.57	[+**24.14**]	332 29 54.40	45.318	+ 5.00	− 32.2	12 57 23.21	.....	+11 28 30.7	....
36	α Virginis	9	19 42.86	+ 0.50	[+**24.17**]	310 21 52.78	47.238	+ 5.00	−1 12.7	13 20 7.49	.....	−10 39 27.5	....
37	ζ Virginis	9	29 22.66	+ 0.54	[+**24.14**]	320 55 52.55	44.278	+ 5.00	− 50.2	13 29 47.33	.....	− 0 6 12.9	....
38	Venus II, S	9	28 33.20	+ 0.51	+24.16	309 7 52.45	44.224	+ 4.93	−1 15.6	14 28 57.87	− 0.71	−11 54 39.7	....
	December 17, Br.												
39	Sun I, N	9	34 51.67	+ 0.46	+24.20	297 57 54.85	47.170	+ 4.33	−1 53.8	17 35 16.33	+71.27	−23 4 9.0	....
40	Sun II, S	8	37 14.20	+ 0.46	+24.20	297 25 49.98	45.980	+ 4.33	−1 56.4	17 37 38.86	−71.26	−23 36 43.0	....
41	ι¹ Aquarii	5	38 48.32	+ 0.47	**+24.31**	302 13 52.28	45.100	+ 4.37	−1 36.0	23 39 13.08	.....	−18 48 40.5	....
42	274 G. Aquarii	9	47 58.08	+ 0.44	+24.29	296 17 53.55	42.947	+ 4.37	−2 2.4	23 48 22.81	− 2.75	−24 45 54.9	−12.0
43	27 Piscium	9	53 20.71	+ 0.52	+24.29	316 55 53.15	46.920	+ 4.37	− 56.7	23 53 45.52	.....	− 4 5 19.0	....
44	33 Piscium	9	0 0.52	+ 0.52	**+24.26**	314 47 53.20	43.500	+ 4.37	−1 1.1	0 0 25.33	.....	− 6 14 41.6	....
45	6 B. Ursæ Minoris s. p.	5	13 32.74	− 0.85	+24.30	52 45 54.92	45.460	+ 4.37	+1 20.2	12 13 56.19	.....	+88 13 33.5	....
46	12 Ceti	9	24 43.70	+ 0.52	**+24.29**	316 31 53.60	47.005	+ 4.37	− 57.5	0 25 8.52	.....	− 4 29 17.4	....
47	319 B. Cephei	9	32 11.49	+ 0.98	+24.30	42 57 55.58	45.763	+ 4.37	+ 56.8	0 32 36.77	−11.09	+81 58 10.2	−37.7
48	β Ceti	9	38 21.62	+ 0.47	**+24.26**	302 31 53.08	44.340	+ 4.37	−1 35.0	0 38 46.39	.....	−18 30 56.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 4 26	.....	....	21.4
4 53	29.95	22.0	20.5
16 1 12	29.77	26.7	26.2
1 38	.....	....	25.7
2 3	29.78	26.0	25.5
2 39	29.78	25.8	25.2
11 41	29.88	19.1	18.8
12 19	29.89	18.9	18.3
12 41	.....	....	17.9
12 57	29.89	18.8	17.7
13 20	.....	....	17.6
13 29	29.90	18.7	17.8
14 29	29.92	21.0	20.6
17 17 37	29.91	26.6	26.8
23 39	29.89	25.7	26.6
0 14	29.89	26.0	26.6

Micrometer bisections are made at II, VI, except as noted below.

9, 19. Bisections at I, II.
26. Bisections at III, V.
30. Bisections at b_2, b_5, b_8.
34, 47. Bisections at III, IV, V.
38. Bisections at I, II, VI, VII.
39. Bisections at I, II.
40. Bisection at VII.
41. Bisections at VI, VII.
42. Bisections at II, VI, VII.
45. Bisections at b_3, b_5, b_7.

Notes.

21. High wind.
28, 31. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
38	+ 8.3	+ 10.4	...	+ 18.7
39	+ 7.9	−16 17.0	...	−16 9.1
40	+ 7.9	+16 17.0	...	+16 24.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ν Cassiopeiæ	9	42 59.67	+ 0.67	+24.30	11 27 55.42	44.500	+ 4.37	+ 12.4	0 43 24.64	− 4.64	+50 26 56.8	−32.9
2	20 Ceti	9	47 41.56	+ 0.53	**+24.26**	319 21 53.88	45.015	+ 4.37	− 52.2	0 48 6.39	.....	− 1 39 57.4	....
3	26 Ceti	9	58 28.09	+ 0.54	+24.31	321 51 53.42	47.670	+ 4.37	− 47.7	0 58 52.94	− 3.45	+ 0 51 7.6	−17.3
4	Groombridge 2006 s. p.	5	2 58.74	− 0.80	+24.31	52 49 55.02	45.317	+ 4.37	+1 20.5	13 3 22.25	+42.92	+88 9 36.0	+35.1
5	*l* Piscium	9	15 24.72	+ 0.61	+24.31	349 13 56.60	49.110	+ 4.37	− 11.5	1 15 49.64	− 4.16	+28 14 19.6	−24.7
6	ω Andromedæ	9	21 30.91	+ 0.65	+24.31	5 55 54.58	44.582	+ 4.37	+ 6.4	1 21 55.87	− 4.87	+44 54 52.1	−28.4
7	η Piscium	9	25 56.55	+ 0.58	**+24.26**	335 51 54.45	46.678	+ 4.37	− 27.3	1 26 21.44	.....	+14 51 6.3	....
8	τ Andromedæ	9	34 30.91	+ 0.64	+24.31	1 5 54.70	46.755	+ 4.37	+ 1.3	1 34 55.86	− 4.78	+40 5 36.6	−26.0
9	τ Ceti	9	39 12.19	+ 0.48	**+24.27**	304 35 52.98	44.625	+ 4.37	−1 28.1	1 39 36.99	.....	−16 26 43.0	....
10	χ Ceti	9	44 27.94	+ 0.50	+24.32	309 51 53.58	46.395	+ 4.37	−1 12.9	1 44 52.76	.....	−11 9 46.8	....
11	β Arietis	9	48 56.17	+ 0.59	**+24.21**	341 21 55.10	44.488	+ 4.37	− 20.5	1 49 21.08	.....	+20 20 23.5	....
12	53 Cassiopeiæ	9	55 31.07	+ 0.73	+24.32	24 55 53.62	46.102	+ 4.37	+ 28.5	1 55 56.12	− 7.16	+63 55 47.8	−27.8
13	ν Fornacis	9	59 47.16	+ 0.41	+24.32	291 17 53.92	45.069	+ 4.37	−2 35.3	2 0 11.89	− 3.18	−29 45 39.0	− 4.1
14	ξ^1 Ceti	9	7 30.59	+ 0.56	**+24.30**	329 25 54.40	43.585	+ 4.37	− 36.1	2 7 55.47	.....	+ 8 23 46.6	....
	December 17, M.												
15	ν Ursæ Majoris	9	12 52.26	+ 0.56	+24.53	354 37 55.12	45.185	+ 4.68	− 5.8	11 13 17.35	.....	+33 36 54.4	....
16	τ Leonis	9	22 34.93	+ 0.51	**+24.61**	324 23 54.08	47.412	+ 4.68	− 44.2	11 22 59.97	.....	+ 3 23 5.9	....
17	γ Cephei s. p.	9	35 1.40	+ 0.65	+24.53	63 53 55.48	41.970	+ 4.68	+2 6.2	23 35 26.58	.....	+77 6 6.4	....
18	β Virginis	9	45 16.41	+ 0.51	**+24.66**	323 19 54.90	45.488	+ 4.68	− 46.0	11 45 41.45	.....	+ 2 18 21.0	....
19	ε Corvi	9	4 46.23	+ 0.42	+24.54	298 57 51.45	44.985	+ 4.68	−1 51.3	12 5 11.19	.....	−22 4 59.2	....
20	η Virginis	9	14 34.34	+ 0.50	**+24.58**	320 53 54.88	44.855	+ 4.68	− 50.3	12 14 59.38	.....	− 0 7 57.8	....
21	x^2 Centauri	9	19 53.29	+ 0.36	+24.54	286 25 53.22	43.730	+ 4.68	−3 27.1	12 20 18.19	− 3.25	−34 39 1.8	+ 6.5
22	δ Corvi	9	24 28.63	+ 0.45	**+24.55**	305 3 53.30	44.588	+ 4.68	−1 28.0	12 24 53.62	.....	−15 58 43.1	....
23	ρ Virginis	9	36 35.92	+ 0.53	**+24.60**	331 47 56.62	43.598	+ 4.68	− 33.2	12 37 0.99	.....	+10 45 52.3	....
24	Venus II, S	8	32 53.63	+ 0.48	+24.59	308 47 52.68	43.191	+ 4.54	−1 16.8	14 33 18.70	− 0.70	−12 15 4.6	....
	December 18, M.												
25	Sun I, S	9	39 17.46	+ 0.42	+24.63	297 23 52.15	45.250	+ 4.54	−1 56.7	17 39 42.51	+71.06	−23 38 58.2	....
26	Sun II, N	9	41 39.58	+ 0.42	+24.63	297 55 52.25	46.563	+ 4.54	−1 54.0	17 42 4.63	−71.06	−23 6 24.9	....
27	Mercury C, C	7	45 43.60	+ 0.41	+24.64	295 45 52.58	45.644	+ 4.54	−2 4.7	18 46 8.65	+ 0.02	−25 16 56.5	....
28	22 Andromedæ	9	4 55.03	+ 0.60	+24.74	6 31 54.28	49.022	+ 4.68	+ 7.1	0 5 20.37	.....	+45 32 34.1	....
29	*d* Piscium	9	15 14.32	+ 0.53	+24.74	328 39 51.60	48.205	+ 4.68	− 37.1	0 15 39.59	− 3.28	+ 7 39 28.6	−22.1
30	12 Ceti	9	24 43.23	+ 0.50	**+24.77**	316 31 51.92	47.062	+ 4.68	− 57.7	0 25 8.47	.....	− 4 29 17.7	....
31	319 B. Cephei	8	32 10.48	+ 0.70	+24.75	42 57 53.88	45.850	+ 4.68	+ 57.0	0 32 35.93	−10.95	+81 58 10.9	−37.8
32	β Ceti	9	38 21.18	+ 0.45	**+24.71**	302 31 50.38	44.468	+ 4.68	−1 35.4	0 38 46.38	.....	−18 30 56.2	....
33	20 Ceti	9	47 41.08	+ 0.51	**+24.75**	319 21 51.92	45.110	+ 4.68	− 52.4	0 48 6.34	.....	− 1 39 57.0	....
34	*h* Piscium	9	52 13.62	+ 0.57	+24.75	349 29 53.50	44.528	+ 4.68	− 11.3	0 52 38.94	− 3.95	+28 28 32.3	−26.6
35	26 Ceti	9	58 27.66	+ 0.51	+24.75	321 51 51.18	47.740	+ 4.68	− 47.9	0 58 52.92	− 3.44	+ 0 51 6.8	−17.2
36	37 Ceti	9	9 8.99	+ 0.49	+24.76	312 35 51.75	44.558	+ 4.68	−1 6.4	1 9 34.24	− 3.34	− 8 26 23.8	−13.4
37	*l* Piscium	9	15 24.30	+ 0.57	+24.76	349 13 54.22	49.192	+ 4.68	− 11.6	1 15 49.63	− 4.15	+28 14 19.3	−24.7
38	τ Andromedæ	9	34 30.46	+ 0.59	+24.76	1 5 53.70	46.810	+ 4.68	+ 1.3	1 34 55.81	− 4.76	+40 5 37.2	−26.0
39	τ Ceti	9	39 11.74	+ 0.46	**+24.73**	304 35 50.45	44.775	+ 4.68	−1 28.6	1 39 36.96	.....	−16 26 42.3	....
40	χ Ceti	9	44 27.43	+ 0.48	+24.76	309 51 50.50	46.540	+ 4.68	−1 13.2	1 44 52.67	.....	−11 9 46.5	....
41	β Arietis	9	48 55.61	+ 0.56	**+24.80**	341 21 52.98	44.572	+ 4.68	− 20.6	1 49 20.93	.....	+20 20 23.7	....
42	53 Cassiopeiæ	9	55 30.57	+ 0.64	+24.77	24 55 54.88	46.072	+ 4.68	+ 28.6	1 55 55.98	− 7.14	+63 55 48.6	−28.0
43	15 Arietis	9	4 53.80	+ 0.55	+24.77	340 3 53.90	45.920	+ 4.68	− 22.2	2 5 19.12	− 4.25	+19 2 53.6	−17.6
44	θ Arietis	9	12 22.64	+ 0.55	+24.77	340 27 52.88	47.440	+ 4.68	− 21.7	2 12 47.96	− 4.31	+19 27 27.8	−16.9
	December 18, R.												
45	*o* Virginis	9	59 53.48	+ 0.54	**+24.90**	330 17 52.45	44.082	+ 5.08	− 35.8	12 0 18.93	.....	+ 9 15 57.2	....
46	B. D. −4°3235	9	8 54.72	+ 0.52	+24.92	315 51 51.10	42.525	+ 5.08	−1 0.9	12 9 20.16	− 2.92	− 5 11 5.0	+16.8
47	η Virginis	9	14 33.99	+ 0.53	**+24.93**	320 53 49.85	45.075	+ 5.08	− 51.0	12 14 59.44	.....	− 0 7 58.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 0 43	.....	....	26.0
1 11	29.90	25.1	25.5
1 49	.....	....	24.8
2 8	29.91	24.5	24.1
11 13	30.00	20.9	19.6
11 50	.....	....	20.0
12 5	30.01	20.8	20.0
12 37	30.03	20.5	19.8
14 33	30.07	21.7	21.3
18 17 42	30.10	28.8	29.5
18 46	30.10	30.9	31.3
0 5	30.18	28.9	29.5
0 38	.....	....	29.1
0 58	30.19	27.9	28.6
1 32	.....	....	27.6
1 56	30.20	26.8	27.1
2 12	.....	....	27.0
12 0	30.27	17.6	16.9

Micrometer bisections are made at II, VI, except as noted below.

3, 6, 7, 41, 45.	Bisections at VI, VII.
4.	Bisections at b_1, b_3, b_4.
12.	Bisections at III, IV, V.
13, 24, 27.	Bisections at I, II, VI, VII.
17, 31.	Bisections at III, V.
25.	Bisections at I, II, III.
26.	Bisections at V, VI, VII.

Notes.

5. Circle reading decreased 2′.
11. Micrometer reading decreased 1 rev.
20. Faint; poor observation.
37. Micrometer reading increased 5 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
24	+ 8.2	+ 10.3	...	+ 18.5
25	+ 7.9	+16 16.7	...	+16 24.6
26	+ 7.9	−16 16.6	...	−16 8.7
27	+ 6.2	.. ....	0.0	+ 6.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	14 Comæ Berenices......	9	21 10.01	+ 0.56	+24.92	348 49 51.45	42.968	+ 5.08	− 12.4	12 21 35.49	− 2.35	+27 47 53.9	+27.6
2	ρ Virginis...............	9	36 35.62	+ 0.54	**+24.92**	331 47 50.82	43.868	+ 5.08	− 33.7	12 37 1.08	.....	+10 45 52.5	....
3	35 Virginis...............	9	42 32.24	+ 0.53	**[+24.90]**	325 7 51.50	44.218	+ 5.08	− 43.8	12 42 57.69	.....	+ 4 5 51.1	....
4	δ Virginis...............	9	50 20.17	+ 0.53	**[+24.88]**	324 55 51.40	47.728	+ 5.08	− 44.0	12 50 45.63	.....	+ 3 55 11.3	....
5	ε Virginis...............	9	56 57.81	+ 0.54	**[+24.94]**	332 29 49.92	45.490	+ 5.08	− 32.7	12 57 23.28	.....	+11 28 30.0	....
6	θ Virginis...............	9	4 32.82	+ 0.52	**[+24.90]**	315 59 50.55	46.708	+ 5.08	−1 0.6	13 4 58.27	.....	− 5 1 29.7	....
7	α Ursæ Minoris s. p. ...	9	24 44.78	+ 2.64	+24.93	52 11 53.98	44.532	+ 5.08	+1 21.2	1 25 12.35	.....	+88 47 54.0	....
8	Venus II. S...........	8	37 15.62	+ 0.49	+24.95	308 27 47.50	42.738	+ 5.16	−1 18.6	14 37 41.06	− 0.69	−12 35 21.3	....
	December 19, R.												
9	Sun I, N.............	9	43 43.47	+ 0.51	+25.00	297 53 51.98	47.143	+ 4.91	−1 54.7	17 44 8.98	+71.18	−23 8 12.8	....
10	Sun II, S............	8	46 5.83	+ 0.51	+25.00	297 21 52.08	45.893	+ 4.91	−1 57.3	17 46 31.34	−71.18	−23 40 43.3	....
	December 20, M.												
11	θ Leonis...............	9	8 46.26	+ 0.53	**+25.47**	336 57 54.15	46.810	+ 3.92	− 25.1	11 9 12.31	.....	+15 57 10.6	....
12	249 B. Ursæ Majoris......	9	16 42.28	+ 0.64	+25.52	25 51 56.28	44.050	+ 3.92	+ 28.8	11 17 8.44	.....	+64 51 3.2	....
13	ξ Hydræ...............	9	27 51.39	+ 0.36	+25.52	289 43 50.90	46.185	+ 3.92	−2 43.1	11 28 17.27	.....	−31 19 24.8	....
14	γ Cephei s. p..........	9	35 0.23	+ 0.52	+25.52	63 53 54.45	42.312	+ 3.92	+2 0.6	23 35 26.27	.....	+77 6 6.0	....
15	χ Ursæ Majoris..........	9	40 32.29	+ 0.59	+25.53	9 19 55.85	43.415	+ 3.92	+ 9.8	11 40 58.36	.....	+48 18 29.4	....
16	Groombridge 4163 s. p.	9	49 45.13	+ 0.54	+25.53	67 5 56.25	44.635	+ 3.92	+2 19.9	23 50 11.20	.....	+73 52 51.9	....
17	π Virginis...............	9	55 31.11	+ 0.51	**+25.47**	328 9 51.05	46.840	+ 3.92	− 36.7	11 55 57.15	.....	+ 7 8 56.6	....
18	ε Corvi..................	7	4 45.29	+ 0.41	+25.53	298 57 51.52	44.758	+ 3.92	−1 46.5	12 5 11.23	.....	−22 5 0.0	....
19	η Virginis...............	9	14 33.46	+ 0.49	**+25.57**	320 53 50.38	44.920	+ 3.92	− 48.1	12 14 59.48	.....	− 0 7 59.4	....
20	x^2 Centauri.............	9	19 52.48	+ 0.34	+25.53	286 25 51.42	43.482	+ 3.92	−3 18.1	12 20 18.35	− 3.36	−34 39 1.1	+ 7.0
21	δ Corvi..................	9	24 27.69	+ 0.44	**+25.60**	305 3 49.80	44.555	+ 3.92	−1 24.2	12 24 53.66	.....	−15 58 44.4	....
22	κ Draconis...............	7	28 54.43	+ 0.66	+25.53	31 19 53.70	43.110	+ 3.92	+ 36.2	12 29 20.62	.....	+70 18 46.5	....
23	76 Ursæ Majoris..........	7	36 54.17	+ 0.64	+25.53	24 15 55.82	41.832	+ 3.92	+ 26.8	12 37 20.34	.....	+63 14 10.1	....
24	Venus II, S............	9	46 3.94	+ 0.45	+25.55	307 45 50.52	47.368	+ 3.92	−1 16.4	14 46 29.94	− 0.68	−13 15 31.5	....
	December 21, Br.												
25	6 B. Ursæ Minoris......	9	13 31.44	+ 2.90	+25.55	49 13 56.55	43.910	+ 3.70	+1 8.4	12 13 59.89	.....	+88 13 39.5	....
26	ρ Virginis...............	9	36 35.13	+ 0.52	**+25.53**	331 47 52.48	43.708	+ 3.70	− 31.4	12 37 1.20	.....	+10 45 51.5	....
27	35 Virginis...............	9	42 31.70	+ 0.50	**+25.56**	325 7 51.52	44.110	+ 3.70	− 40.8	12 42 57.76	.....	+ 4 5 50.1	....
28	31 Comæ Berenices......	9	46 34.61	+ 0.57	**+25.52**	349 3 54.58	47.540	+ 3.70	− 11.2	12 47 0.74	.....	+28 3 41.0	....
29	δ Virginis...............	9	50 19.58	+ 0.50	**+25.59**	324 55 52.78	47.598	+ 3.70	− 41.0	12 50 45.64	.....	+ 3 55 11.1	....
30	ε Virginis...............	9	56 57.29	+ 0.52	**+25.58**	332 29 52.08	45.320	+ 3.70	− 30.4	12 57 23.37	.....	+11 28 28.9	....
31	θ Virginis...............	9	4 32.29	+ 0.47	**[+25.57]**	315 59 51.98	46.445	+ 3.70	− 56.3	13 4 58.32	.....	− 5 1 31.6	....
32	43 Comæ Berenices......	9	6 56.70	+ 0.57	**[+25.59]**	349 21 54.30	47.820	+ 3.70	− 10.9	13 7 22.83	.....	+28 21 47.6	....
33	ζ Virginis...............	9	29 21.43	+ 0.49	**[+25.57]**	320 55 49.62	44.226	+ 3.70	− 47.3	13 29 47.48	.....	− 0 6 15.4	....
	December 22, Br.												
34	Sun I, S.............	9	57 2.39	+ 0.36	+25.61	297 19 51.05	44.138	+ 3.53	−1 52.8	17 57 28.36	+71.30	−23 43 21.8	....
35	Sun II, N.............	9	59 25.00	+ 0.36	+25.61	297 51 51.42	45.582	+ 3.53	−1 50.3	17 59 50.97	−71.31	−23 10 45.6	....
36	Moon I................	9	58 8.26	+ 0.42	+25.64	307 10	......	....	. ....	20 58 34.32	+62.70	.. ..	....
37	274 G. Aquarii............	9	47 56.64	+ 0.35	+25.68	296 17 53.32	42.894	+ 3.56	−1 59.8	23 48 22.67	− 2.84	−24 45 54.7	−11.8
38	27 Piscium...............	9	53 19.29	+ 0.45	+25.68	316 55 53.08	46.860	+ 3.56	− 55.5	23 53 45.42	.....	− 4 5 19.8	....
39	2 Ceti..................	9	58 23.08	+ 0.39	**+25.64**	303 9 50.85	45.908	+ 3.56	−1 30.8	23 58 49.15	.....	−17 52 19.3	....
40	6 B. Ursæ Minoris s. p. .	5	13 36.34	− 2.05	+25.68	52 45 53.70	45.640	+ 3.56	+1 18.6	12 13 59.97	.....	+88 13 33.0	....
41	319 B. Cephei............	9	32 9.34	+ 1.16	+25.69	42 57 54.05	45.937	+ 3.56	+ 55.7	0 32 36.19	−10.36	+81 58 10.8	−38.3
42	β Ceti..................	9	38 20.21	+ 0.39	**+25.69**	302 31 51.12	44.370	+ 3.56	−1 33.2	0 38 46.29	.....	−18 30 56.6	....
43	ν Cassiopeiæ...........	9	42 58.21	+ 0.64	+25.69	11 27 53.40	44.635	+ 3.56	+ 12.2	0 43 24.54	− 4.52	+50 26 57.0	−33.1
44	20 Ceti..................	9	47 40.18	+ 0.46	**+25.65**	319 21 52.88	45.032	+ 3.56	− 51.1	0 48 6.33	.....	− 1 39 57.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 12 21	. ....	....	16.8
12 47	30.26	17.2	16.6
13 8	......	....	16.4
13 30	......	....	16.6
13 40	30.25	17.0	16.5
14 37	30.255	19.5	18.9
19 17 46	30.19	28.8	28.9
20 11 9	29.59	34.7	34.9
11 41	......	....	34.3
12 9	29.62	34.2	34.2
12 33	......	....	34.0
12 37	29.64	33.7	33.8
14 46	29.70	34.9	34.5
21 12 19	29.56	36.0	36.1
12 50	29.57	37.1	39.8
13 29	29.605	38.8	40.9
22 17 59	29.74	42.0	41.0
23 48	29.86	36.3	35.8
0 14	29.87	36.0	35.4
0 48	......	....	34.9

Micrometer bisections are made at II, VI, except as noted below.

4, 5, 18, 22, 38.	Bisections at VI, VII.
7.	Bisections at b_4, b_5, b_6.
8, 24, 33, 37.	Bisections at I, II, VI, VII.
9, 34.	Bisections at I, II, III.
10.	Bisections at V, VI, VII.
14, 16, 43.	Bisections at III, V.
25.	Bisections at b_2, b_5, b_8.
27, 28, 31, 44.	Bisections at I, II.
32.	Bisections at I, II, VI.
35.	Bisections at V, VI.
40.	Bisections at b_3, b_5, b_7.
41.	Bisections at III, IV, V.

Notes.

13, 26, 29.	Unsteady.
23, 31–33.	Clouds.
25.	Woolly and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″		′ ″
8	+ 8.2	+ 10.2	...	+ 18.4
9	+ 7.9	−16 15.3	...	−16 7.4
10	+ 7.9	+16 15.2	...	+16 23.1
24	+ 8.1	+ 10.0	...	+ 18.1
34	+ 7.9	+16 18.1	...	+16 26.0
35	+ 7.9	−16 18.1	...	−16 10.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm. Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	26 Ceti	9	58 26.72	+ 0.47	+25.69	321 51 53.62	47.620	+ 3.56	− 46.8	0 58 52.88	− 3.40	+ 0 51 6.5	−17.0
2	Groombridge 2006 s. p.	5	3 0.78	− 1.96	+25.69	52 49 52.75	45.575	+ 3.56	+1 18.9	13 3 24.51	+39.71	+88 9 34.9	+36.0
3	*l* Piscium	9	15 23.36	+ 0.56	+25.69	349 13 53.98	49.238	+ 3.56	− 11.3	1 15 49.61	− 4.10	+28 14 19.3	−24.7
4	ω Andromedæ	9	21 29.47	+ 0.62	+25.69	5 55 51.95	44.735	+ 3.56	+ 6.3	1 21 55.78	− 4.78	+44 54 52.0	−28.7
5	η Piscium	9	25 55.17	+ 0.52	**+25.64**	335 51 53.45	46.725	+ 3.56	− 26.7	1 26 21.38	.....	+14 51 5.9	....
6	τ Andromedæ	9	34 29.49	+ 0.60	+25.69	1 5 52.28	46.925	+ 3.56	+ 1.2	1 34 55.78	− 4.70	+40 5 36.8	−26.3
7	τ Ceti	9	39 10.82	+ 0.40	**+25.66**	304 35 51.85	44.625	+ 3.56	−1 26.4	1 39 36.92	.....	−16 26 43.3	....
8	γ Ceti	9	44 26.55	+ 0.42	+25.70	309 51 51.65	46.412	+ 3.56	−1 11.4	1 44 52.67	.....	−11 9 47.7	....
9	β Arietis	9	48 54.72	+ 0.54	**+25.67**	341 21 53.70	44.548	+ 3.56	− 20.1	1 49 20.96	.....	+20 20 23.0	....
10	53 Cassiopeiæ	9	55 29.56	+ 0.73	+25.70	24 55 54.30	46.208	+ 3.56	+ 27.9	1 55 55.99	− 7.02	+63 55 48.9	−28.7
11	ν Fornacis	9	59 45.72	+ 0.32	+25.70	291 17 52.65	44.977	+ 3.56	−2 32.1	2 0 11.74	− 3.12	−29 45 40.0	− 3.4
12	15 Arietis	9	4 52.85	+ 0.53	+25.70	340 3 54.05	45.890	+ 3.56	− 21.7	2 5 19.08	− 4.21	+19 2 52.4	−17.6
13	θ Arietis	9	12 21.75	+ 0.53	+25.70	340 27 54.12	47.425	+ 3.56	− 21.2	2 12 47.98	− 4.27	+19 27 28.1	−16.9
14	ξ Arietis	9	19 14.88	+ 0.50	+25.70	331 11 50.78	45.645	+ 3.56	− 32.9	2 19 41.08	− 4.06	+10 10 32.4	−13.6
15	27 Arietis	9	25 9.53	+ 0.53	+25.70	338 17 54.62	45.692	+ 3.56	− 23.8	2 25 35.76	− 4.29	+17 16 46.4	−15.0
16	ν Ceti	9	30 24.78	+ 0.49	**+25.68**	326 11 53.70	45.508	+ 3.56	− 40.0	2 30 50.97	.....	+ 5 10 25.1	....
	December 22, Ei.-Y.												
17	ε Eridani	9	27 59.14	+ 0.43	**+25.85**	311 13 51.38	47.982	+ 3.51	−1 8.2	3 28 25.42	.....	− 9 47 8.6	....
18	δ Eridani	9	38 13.74	+ 0.43	**+25.83**	310 55 50.22	47.255	+ 3.51	−1 9.0	3 38 40.02	.....	−10 5 27.5	....
19	B. D.+23°536	9	41 13.41	+ 0.53	+25.85	344 49 50.88	46.480	+ 3.51	− 16.2	3 41 39.79	− 4.91	+23 49 8.2	− 7.8
20	B. D.+21°535	9	43 51.28	+ 0.53	+25.85	342 57 51.95	46.425	+ 3.51	− 18.3	3 44 17.66	− 4.85	+21 57 5.9	− 7.1
21	B. D.+13°613	9	47 7.91	+ 0.51	+25.85	335 7 51.22	43.145	+ 3.51	− 27.8	3 47 34.27	− 4.58	+14 5 40.7	− 5.3
22	λ Tauri	9	54 56.51	+ 0.50	**+25.87**	333 13 50.60	46.890	+ 3.51	− 30.2	3 55 22.86	.....	+12 13 3.6	....
23	B. D.+18°594	9	4 44.01	+ 0.52	+25.85	339 11 52.40	44.500	+ 3.51	− 22.8	4 5 10.38	− 4.78	+18 10 17.9	− 3.9
24	B. D.+23°648	9	8 16.60	+ 0.53	+25.85	344 27 52.75	46.400	+ 3.51	− 16.6	4 8 42.98	− 4.99	+23 27 7.8	− 4.4
25	B. D.+22°670	9	12 6.50	+ 0.53	+25.85	343 35 51.68	44.188	+ 3.51	− 17.6	4 12 32.88	− 4.96	+22 34 15.2	− 3.7
26	B. D.+13°665	9	15 3.61	+ 0.51	+25.85	334 39 50.18	44.110	+ 3.51	− 28.4	4 15 29.97	− 4.65	+13 38 1.2	− 2.0
27	B. D.+20°751	9	17 27.88	+ 0.53	+25.85	341 45 52.38	47.400	+ 3.51	− 19.7	4 17 54.26	− 4.91	+20 45 27.2	− 2.8
28	B. D.+14°697	9	20 45.83	+ 0.51	+25.85	335 29 52.02	48.450	+ 3.51	− 27.3	4 21 12.19	− 4.70	+14 29 43.3	− 1.4
29	B. D.+15°633	9	23 5.12	+ 0.52	+25.85	336 57 51.30	45.835	+ 3.51	− 25.5	4 23 31.49	− 4.75	+15 56 44.6	− 1.4
30	B. D.+14°711	9	25 15.21	+ 0.51	+25.86	335 53 49.62	48.768	+ 3.51	− 26.8	4 25 41.58	− 4.72	+14 53 48.6	− 1.0
31	B. D.+22°712	9	28 35.70	+ 0.53	+25.86	343 29 50.70	47.420	+ 3.51	− 17.7	4 29 2.09	− 5.00	+22 29 28.0	− 1.6
32	B. D.+18°661	9	31 14.91	+ 0.52	+25.86	339 21 51.52	45.870	+ 3.51	− 22.6	4 31 41.29	− 4.85	+18 20 48.5	− 0.8
33	B. D.+28°680	9	34 54.24	+ 0.55	+25.86	349 25 52.52	47.660	+ 3.51	− 11.1	4 35 20.65	− 5.28	+28 25 41.9	− 1.5
34	B. D.+27°688	9	37 12.04	+ 0.54	+25.86	348 31 52.90	45.122	+ 3.51	− 12.1	4 37 38.44	− 5.24	+27 30 43.3	− 1.1
35	B. D.+25°731	9	39 53.15	+ 0.54	+25.86	346 51 51.90	47.500	+ 3.51	− 14.0	4 40 19.55	− 5.17	+25 51 34.4	− 0.6
36	B. D.+20°821	9	41 4.50	+ 0.52	+25.86	341 15 52.42	49.110	+ 3.51	− 20.3	4 41 30.88	− 4.94	+20 16 6.0	+ 0.2
37	B. D.+15°687	9	43 49.46	+ 0.51	+25.86	336 45 51.25	44.232	+ 3.51	− 25.8	4 44 15.83	− 4.79	+15 44 7.6	+ 1.1
38	B. D.+23°757	9	47 21.53	+ 0.53	+25.86	344 11 50.82	41.655	+ 3.51	− 17.0	4 47 47.92	− 5.07	+23 9 17.1	+ 0.8
39	B. D.+23°777	9	51 34.21	+ 0.53	+25.86	344 49 50.42	43.100	+ 3.51	− 16.3	4 52 0.60	− 5.10	+23 47 50.4	+ 1.2
40	B. D.+27°723	9	58 12.88	+ 0.54	+25.86	348 33 53.35	47.562	+ 3.51	− 12.1	4 58 39.28	− 5.27	+27 33 39.5	+ 1.8
41	B. D.+21°766	9	1 46.06	+ 0.53	+25.86	342 35 51.58	45.115	+ 3.51	− 18.8	5 2 12.45	− 5.03	+21 34 34.8	+ 2.7
42	B. D.+19°853	9	2 45.47	+ 0.52	+25.86	340 45 52.40	43.720	+ 3.51	− 20.9	5 3 11.85	− 4.96	+19 44 2.0	+ 3.0
43	B. D.+19°876	9	9 5.51	+ 0.52	+25.86	340 57 51.80	45.500	+ 3.51	− 20.7	5 9 31.89	− 4.97	+19 56 41.9	+ 3.7
44	B. D.+27°744	9	10 26.52	+ 0.54	+25.86	348 35 52.62	49.960	+ 3.51	− 12.0	5 10 52.92	− 5.29	+27 36 33.7	+ 3.4
45	B. D.+21°816	9	13 5.55	+ 0.53	+25.86	343 1 51.85	42.850	+ 3.51	− 18.3	5 13 31.94	− 5.05	+21 59 44.1	+ 4.2
46	B. D.+19°902	9	14 51.36	+ 0.52	+25.86	340 43 51.55	46.112	+ 3.51	− 21.0	5 15 17.74	− 4.97	+19 42 55.9	+ 4.5
47	B. D.+28°788	9	16 53.15	+ 0.55	+25.86	349 51 53.05	44.828	+ 3.51	− 10.7	5 17 19.56	− 5.35	+28 50 38.1	+ 4.2
48	β Tauri	9	19 48.53	+ 0.55	**+25.85**	349 31 52.55	47.115	+ 3.51	− 11.0	5 20 14.94	.....	+28 31 29.5	....
49	B. D.+15°826	9	21 49.62	+ 0.51	+25.86	336 47 50.30	47.788	+ 3.51	− 25.7	5 22 15.99	− 4.83	+15 47 28.0	+ 5.6
50	B. D.+29°923	9	25 43.49	+ 0.55	+25.86	350 7 53.30	46.732	+ 3.51	− 10.4	5 26 9.90	− 5.36	+29 7 22.1	+ 5.4
51	B. D.+23°954	9	29 10.34	+ 0.53	+25.87	344 59 51.90	44.602	+ 3.51	− 16.1	5 29 36.74	− 5.14	+23 58 26.4	+ 6.1
52	B. D.+24°920	9	35 39.57	+ 0.54	+25.87	345 17 53.28	43.535	+ 3.51	− 15.8	5 36 5.98	− 5.15	+24 16 3.9	+ 6.9
53	B. D.+26°937	9	38 32.39	+ 0.54	+25.87	347 17 52.28	48.312	+ 3.51	− 13.5	5 38 58.80	− 5.23	+26 17 54.2	+ 7.2
54	B. D.+20°1100	9	41 29.59	+ 0.53	+25.87	341 55 52.35	44.238	+ 3.51	− 19.6	5 41 55.99	− 5.01	+20 54 15.0	+ 7.7
55	B. D.+29°1009	9	42 44.34	+ 0.55	+25.87	350 41 53.12	47.248	+ 3.51	− 9.8	5 43 10.76	− 5.38	+29 41 34.4	+ 7.6
56	B. D.+19°1110	9	46 17.15	+ 0.52	+25.87	340 51 51.72	44.918	+ 3.51	− 20.8	5 46 43.54	− 4.97	+19 50 28.7	+ 8.3
57	α Orionis	9	49 33.48	+ 0.49	**+25.88**	328 23 49.55	47.658	+ 3.51	− 36.9	5 49 59.84	.....	+ 7 23 13.1	....
58	1 Geminorum	9	57 52.13	+ 0.53	**+25.89**	344 17 52.40	43.432	+ 3.51	− 16.9	5 58 18.53	.....	+23 15 59.4	....
59	8 Monocerotis	9	18 15.83	+ 0.48	**+25.91**	325 39 49.40	45.620	+ 3.51	− 41.1	6 18 42.18	.....	+ 4 38 22.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	″	″	′ ″
22 1 25	29.88	34.9	34.0	2.	Bisections at b_1, b_3, b_5.					
2 12	......	....	33.5	4.	Bisections at III, V.					
2 30	29.895	33.8	33.1	6, 10, 35, 41, 43, 59.	Bisections at I, II.					
3 31	29.90	32.9	32.7	11.	Bisections at II, VI, VII.					
4 4	......	....	32.0	17, 36, 46, 52.	Bisections at VI, VII.					
4 27	29.915	31.7	32.0	22.	Bisections at VII, VIII.					
4 54	......	....	32.1	53, 58.	Bisections at II, VII.					
5 23	29.925	31.6	31.9							
5 48	......	....	31.8							

Notes.

8, 12. Unsteady.

17. Circle reading increased 10′.

17–47. Images fuzzy and unsteady.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Neptune C, C.	9	19 44.23	+ 0.53	+25.87	343 17 51.75	45.776	+ 3.51	− 18.0	6 20 10.63	.....	+22 16 51.1	....
2	10 Monocerotis	9	22 48.12	+ 0.45	**+25.96**	316 19 48.82	44.582	+ 3.51	− 57.4	6 23 14.44	.....	− 4 42 18.4	....
3	B. D.+20°1743	9	8 28.08	+ 0.53	+25.88	341 41 52.42	45.550	+ 3.51	− 19.9	7 8 54.49	− 4.83	+20 40 44.8	+17.4
4	B. D.+24°1611	8	12 36.83	+ 0.54	+25.88	345 15 53.00	52.262	+ 3.51	− 15.8	7 13 3.25	− 4.93	+24 17 22.8	+18.2
5	B. D.+20°1805	9	20 51.72	+ 0.52	+25.88	341 27 51.30	45.780	+ 3.51	− 20.2	7 21 18.12	− 4.78	+20 26 48.6	+18.7
	December 22, R.												
6	π Virginis	9	55 30.78	+ 0.52	**+25.85**	328 9 50.82	46.955	+ 3.04	− 37.8	11 55 57.18	.....	+ 7 8 57.0	....
7	B. D.− 4°3235	4	8 53.89	+ 0.48	+25.88	315 51 49.82	42.512	+ 3.04	− 59.0	12 9 20.25	− 3.05	− 5 11 6.5	+17.6
8	η Virginis	9	14 33.18	+ 0.50	**+25.90**	320 53 49.15	45.065	+ 3.04	− 49.4	12 14 59.56	.....	− 0 7 59.5	....
9	6 Canum Venaticorum	9	20 40.05	+ 0.60	+25.88	0 33 53.30	45.088	+ 3.04	+ 0.7	12 21 6.53	− 2.25	+39 32 55.2	+31.9
10	8 Canum Venaticorum	9	28 43.79	+ 0.61	+25.88	2 53 54.18	44.080	+ 3.04	+ 3.1	12 29 10.28	.....	+41 52 35.4	....
11	76 Ursæ Majoris	9	36 53.93	+ 0.85	+25.88	24 15 54.10	41.890	+ 3.04	+ 27.5	12 37 20.66	.....	+63 14 9.5	....
12	35 Virginis	9	42 31.38	+ 0.51	**+25.91**	325 7 50.25	44.235	+ 3.04	− 42.4	12 42 57.77	.....	+ 4 5 49.6	....
13	δ Virginis	9	50 19.26	+ 0.51	**+25.94**	324 55 51.60	47.758	+ 3.04	− 42.7	12 50 45.65	.....	+ 3 55 11.2	....
14	48 Virginis	9	58 30.88	+ 0.49	+25.89	317 53 51.02	43.302	+ 3.04	− 55.0	12 58 57.26	− 2.76	− 3 8 43.5	+15.7
15	θ Virginis	9	4 31.97	+ 0.48	[**+25.92**]	315 59 50.32	46.680	+ 3.04	− 58.8	13 4 58.34	.....	− 5 1 30.8	....
16	α Ursæ Minoris s. p.	9	24 44.78	− 1.98	+25.89	52 11 53.95	44.712	+ 3.04	+1 18.9	1 25 8.69	.....	+88 47 54.3	....
17	η Bootis	9	49 39.38	+ 0.55	[**+26.05**]	339 53 51.05	45.652	+ 3.04	− 22.3	13 50 5.82	.....	+18 52 43.1	....
18	α Bootis	9	10 49.47	+ 0.55	[**+25.97**]	340 41 52.50	46.110	+ 3.04	− 21.3	14 11 15.92	.....	+19 40 55.8	....
19	Venus II, S.	9	54 58.17	+ 0.47	+25.90	307 7 48.78	43.622	+ 3.01	−1 20.1	14 55 24.54	− 0.68	−13 55 3.5	....
	December 23, R.												
20	Sun I, S.	9	1 28.64	+ 0.43	+25.93	297 19 55.60	44.322	+ 3.54	−1 54.1	18 1 55.00	+71.23	−23 43 14.4	....
21	Sun II, N.	9	3 51.10	+ 0.43	+25.93	297 51 57.55	45.587	+ 3.55	−1 51.6	18 4 17.46	−71.23	−23 10 40.5	....
22	Mercury C, C.	8	18 30.56	+ 0.43	+25.94	296 41 48.88	46.930	+ 3.88	−1 56.6	19 18 56.93	+ 0.03	−24 20 23.4	....
23	Moon I, S.	9	46 20.23	+ 0.45	+25.96	309 57 48.30	43.561	+ 4.33	−1 10.0	21 46 46.64	+61.96	−11 4 53.9	....
24	λ Pegasi	9	41 27.57	+ 0.54	[**+25.99**]	344 3 52.22	48.180	+ 4.20	− 16.8	22 41 54.08	.....	+23 3 48.5	....
25	γ Piscis Australis	9	46 44.23	+ 0.29	+25.97	287 39 47.68	47.630	+ 4.20	−3 3.0	22 47 10.49	− 2.37	−33 23 14.7	−11.2
26	α Piscis Australis	9	51 53.66	+ 0.32	+25.97	290 55 47.65	44.330	+ 4.20	−2 33.2	22 52 19.95	.....	−30 8 0.3	....
27	o Andromedæ	9	57 3.56	+ 0.60	+25.97	2 49 52.80	44.882	+ 4.20	+ 3.0	22 57 30.13	.....	+41 48 53.4	....
28	π Cephei	9	4 24.70	+ 0.87	+25.97	35 51 55.32	47.290	+ 4.20	+ 42.9	23 4 51.54	.....	+74 52 30.4	....
29	γ Piscium	7	11 44.55	+ 0.47	**+26.01**	323 47 51.95	43.360	+ 4.20	− 43.3	23 12 11.00	.....	+ 2 45 31.9	....
30	υ Pegasi	9	20 8.66	+ 0.54	**+25.99**	343 53 51.00	45.390	+ 4.20	− 17.1	23 20 35.18	.....	+22 52 43.2	....
31	b^3 Aquarii	9	27 48.43	+ 0.37	+25.98	299 35 48.82	45.280	+ 4.20	−1 43.9	23 28 14.78	− 2.63	−21 26 48.2	−13.6
32	ι Piscium	9	34 34.16	+ 0.48	**+25.96**	326 7 49.32	45.652	+ 4.20	− 39.7	23 35 0.62	.....	+ 5 6 25.0	....
33	i^1 Aquarii	9	38 46.63	+ 0.38	**+26.01**	302 13 49.62	45.102	+ 4.20	−1 33.8	23 39 12.99	.....	−18 48 41.3	....
34	ϑ Sculptoris	8	43 28.84	+ 0.33	+25.98	292 23 49.35	44.245	+ 4.20	−2 23.0	23 43 55.15	.....	−28 39 50.4	....
35	274 G. Aquarii	9	47 56.38	+ 0.35	+25.98	296 17 49.70	42.970	+ 4.20	−1 59.6	23 48 22.71	− 2.78	−24 45 55.8	−11.7
36	27 Piscium	9	53 18.97	+ 0.45	+25.98	316 55 48.78	47.035	+ 4.20	− 55.5	23 53 45.40	.....	− 4 5 19.8	....
37	33 Piscium	9	59 58.81	+ 0.44	**+25.97**	314 47 50.15	43.572	+ 4.20	− 59.8	0 0 25.23	.....	− 6 14 41.8	....
38	22 Andromedæ	9	4 53.67	+ 0.62	+25.98	6 31 53.82	49.018	+ 4.20	+ 6.9	0 5 20.27	.....	+45 32 33.0	....
39	35 Piscium	9	9 35.73	+ 0.49	+25.99	329 17 50.10	47.802	+ 4.20	− 35.2	0 10 2.21	− 3.18	+ 8 17 19.4	−22.3
40	d Piscium	9	15 13.11	+ 0.49	+25.99	328 39 49.52	48.210	+ 4.20	− 36.2	0 15 39.59	− 3.21	+ 7 39 27.1	−21.8
41	10 Ceti	9	21 15.62	+ 0.46	+25.99	320 25 48.60	47.910	+ 4.20	− 49.1	0 21 42.07	− 3.14	− 0 34 53.5	−18.5
42	κ Cassiopeiæ	9	27 7.08	+ 0.71	+25.99	23 23 55.00	47.830	+ 4.20	+ 25.9	0 27 33.78	− 4.90	+62 24 25.7	−36.6
43	ε Andromedæ	9	33 2.80	+ 0.56	**+26.02**	349 47 53.62	47.272	+ 4.20	− 10.6	0 33 29.35	.....	+28 47 35.3	....
44	20 Ceti	9	47 39.90	+ 0.46	**+25.92**	319 21 50.48	45.082	+ 4.20	− 51.0	0 48 6.35	.....	− 1 39 58.2	....
45	h Piscium	9	52 12.33	+ 0.55	+25.99	349 29 53.50	44.530	+ 4.20	− 11.0	0 52 38.87	− 3.88	+28 28 32.1	−26.6
46	26 Ceti	9	58 26.41	+ 0.47	+25.99	321 51 50.62	47.732	+ 4.20	− 46.6	0 58 52.87	− 3.38	+ 0 51 6.9	−16.9
47	β Andromedæ	9	3 55.54	+ 0.58	+25.99	356 7 52.60	45.140	+ 4.20	− 4.0	1 4 22.11	.....	+35 6 52.3	....
48	37 Ceti	9	9 7.77	+ 0.43	+26.00	312 35 50.78	44.468	+ 4.20	−1 4.6	1 9 34.20	− 3.28	− 8 26 25.5	−13.0
49	α Ursæ Minoris	9	24 36.33	+ 4.46	+26.00	49 47 56.18	44.662	+ 4.20	+1 10.6	1 25 6.79	.....	+88 47 59.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 6 24	29.94	30.4	31.5
7 22	29.95	29.9	31.2
11 56	30.02	27.3	27.5
12 26	......	....	28.0
12 54	30.04	27.6	27.3
13 46	30.045	27.1	26.3
14 11	30.05	27.8	26.8
14 55	30.07	30.0	29.2
23 18 4	30.08	40.0	41.0
19 19	30.05	43.0	43.1
21 46	30.035	44.8	44.2
22 41	30.03	43.0	42.1
23 1	......	....	41.3
23 31	30.03	40.8	40.2
23 53	......	....	39.0
0 15	30.03	39.0	38.7
0 33	......	....	38.3
1 9	30.03	39.0	38.5
1 33	30.03	39.0	38.2

Micrometer bisections are made at II, VI, except as noted below.

1, 19, 22.	Bisections at I, II, VI, VII.
4.	Bisections at II, VII.
7, 17, 28, 29, 38, 47.	Bisections at VI, VII.
16, 49.	Bisections at b_4, b_5, b_6.
20.	Bisections at I, II, III.
21.	Bisections at V, VI, VII.
23.	Bisections at II, III, IV, V, VI.

Notes.

6, 8. Very diffuse.

16, 49. Diffuse and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 0.1	.. ....	...	+ 0.1
19	+ 8.0	+ 9.8	...	+ 17.8
20	+ 7.9	+16 16.9	...	+16 24.8
21	+ 7.9	−16 17.0	...	−16 9.1
22	+ 6.6	.. ....	0.0	+ 6.6
23	+41 15.3	+14 45.6	...	+56 0.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	December 26, R.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N.	9	14 47.73	+ 0.39	+26.72	297 53 51.08	48.830	+ 3.24	−1 53.9	18 15 14.84	+71.26	−23 7 35.9	....
2	Sun II, S.	8	17 10.25	+ 0.39	+26.72	297 21 52.45	47.533	+ 3.24	−1 56.5	18 17 37.36	−71.26	−23 40 6.4	....
3	Moon I, S.	9	7 36.67	+ 0.52	+26.82	321 7 51.65	46.221	+ 3.72	− 49.9	0 8 4.01	+62.09	+ 0 6 29.7	....
4	δ Piscium	9	43 14.91	+ 0.54	**+26.87**	328 5 51.32	43.852	+ 3.72	− 38.7	0 43 42.28	.....	+ 7 3 46.3	....
5	ε Piscium	9	57 30.61	+ 0.55	**+26.79**	328 23 50.50	45.558	+ 3.72	− 38.2	0 57 57.99	.....	+ 7 22 25.0	....
6	ζ^1 Piscium	9	8 15.94	+ 0.55	**+26.82**	328 5 50.72	44.680	+ 3.72	− 38.7	1 8 43.33	.....	+ 7 4 4.7	....
7	α Ursæ Minoris	5	24 35.84	+ 1.26	+26.84	49 48 7.60	43.988	+ 3.72	+1 13.9	1 25 3.94	.....	+88 47 58.2	....
8	ν Piscium	8	35 59.18	+ 0.56	**+26.87**	326 1 51.20	44.802	+ 3.72	− 41.9	1 36 26.58	.....	+ 5 0 5.0	....
9	ζ Ceti	9	46 16.42	+ 0.52	**+26.82**	310 13 49.52	44.238	+ 3.72	−1 13.6	1 46 43.78	.....	−10 48 41.5	....
10	α Arietis	9	1 19.02	+ 0.61	**+26.86**	344 1 52.30	44.972	+ 3.72	− 17.8	2 1 46.48	.....	+23 0 33.7	....
11	ξ^1 Ceti	9	7 27.95	+ 0.58	**+26.84**	329 25 51.75	43.748	+ 3.72	− 36.8	2 7 55.38	.....	+ 8 23 46.3	....
	December 27, M.												
12	χ Ursæ Majoris	9	40 30.76	+ 0.60	+27.25	9 19 56.85	43.368	+ 2.04	+ 10.1	11 40 58.61	.....	+48 18 27.8	....
13	β Virginis	9	45 14.13	+ 0.53	**+27.25**	323 19 55.15	45.500	+ 2.04	− 45.4	11 45 41.91	.....	+ 2 18 19.7	....
14	π Virginis	9	55 29.52	+ 0.54	**+27.25**	328 9 51.58	46.910	+ 2.04	− 37.9	11 55 57.31	.....	+ 7 8 55.6	....
15	ο Virginis	9	59 51.43	+ 0.55	**+27.23**	330 17 53.32	44.055	+ 2.04	− 34.8	12 0 19.23	.....	+ 9 15 55.2	....
16	4 H. Draconis	9	7 11.85	+ 0.65	+27.25	39 9 54.98	42.270	+ 2.04	+ 49.9	12 7 39.75	.....	+78 8 40.6	....
17	η Virginis	9	14 31.94	+ 0.53	**+27.27**	320 53 51.38	44.958	+ 2.04	− 49.6	12 14 59.72	.....	− 0 8 0.9	....
18	x^2 Centauri	9	19 50.93	+ 0.39	+27.25	286 25 51.42	43.692	+ 2.04	−3 24.5	12 20 18.57	− 3.62	−34 39 4.6	+ 8.2
	December 28, M.												
19	Sun I, N.	9	23 39.87	+ 0.47	+27.28	297 59 55.70	44.643	+ 2.53	−1 54.8	18 24 7.62	+71.24	−23 3 8.6	....
20	Sun II, S.	8	26 2.34	+ 0.47	+27.28	297 27 53.72	43.427	+ 2.53	−1 57.5	18 26 30.09	−71.23	−23 35 40.7	....
21	β Ceti	8	38 18.46	+ 0.48	**+27.27**	302 31 52.38	44.452	+ 2.62	−1 35.9	0 38 46.25	.....	−18 30 57.1	....
22	h Piscium	9	52 10.91	+ 0.62	+27.32	349 29 55.52	44.488	+ 2.62	− 11.3	0 52 38.85	− 3.81	+28 28 31.3	−26.3
23	26 Ceti	9	58 24.94	+ 0.55	+27.32	321 51 54.10	47.690	+ 2.62	− 48.2	0 58 52.81	− 3.33	+ 0 51 6.2	−16.4
24	g Piscium	9	5 21.76	+ 0.63	+27.32	351 55 55.82	45.598	+ 2.62	− 8.7	1 5 49.71	− 4.00	+30 54 59.6	−26.1
25	l Piscium	9	15 21.50	+ 0.62	+27.32	349 13 57.30	49.118	+ 2.62	− 11.6	1 15 49.44	− 4.02	+28 14 18.6	−24.5
26	ω Andromedæ	9	21 27.63	+ 0.66	+27.32	5 55 55.18	44.622	+ 2.62	+ 6.5	1 21 55.61	− 4.67	+44 54 51.8	−28.7
27	η Piscium	9	25 53.36	+ 0.59	**+27.32**	335 51 53.80	46.758	+ 2.62	− 27.5	1 26 21.27	.....	+14 51 5.3	....
28	τ Andromedæ	9	34 27.69	+ 0.65	+27.32	1 5 54.38	46.835	+ 2.62	+ 1.3	1 34 55.66	− 4.60	+40 5 36.4	−26.3
29	Moon I, S.	9	46 18.24	+ 0.58	+27.32	329 1 51.92	43.395	+ 2.62	− 36.9	1 46 46.14	+64.69	+ 7 59 37.3	....
30	α Arietis	9	1 18.52	+ 0.61	**+27.34**	344 1 55.28	44.880	+ 2.62	− 17.6	2 1 46.46	.....	+23 0 33.7	....
31	ξ^1 Ceti	9	7 27.42	+ 0.57	**+27.36**	329 25 53.60	43.702	+ 2.62	− 36.3	2 7 55.32	.....	+ 8 23 46.5	....
	December 29, Br.												
32	Sun I, N.	8	28 5.41	+ 0.56	+27.39	298 1 52.58	47.052	+ 2.50	−1 51.1	18 28 33.36	+71.38	−23 0 13.0	....
33	Sun II, S.	9	30 28.16	+ 0.56	+27.39	297 29 50.10	45.677	+ 2.50	−1 53.6	18 30 56.11	−71.37	−23 32 49.0	....
34	ζ Andromedæ	8	41 47.25	+ 0.61	+27.45	344 45 53.52	45.548	+ 2.40	− 16.1	0 42 15.31	.....	+23 44 48.8	....
35	υ Piscium	8	13 43.87	+ 0.62	**+27.44**	347 46	......	....	.....	1 14 11.95	.....	+26 45	....
36	α Ursæ Minoris	4	24 34.48	+ 0.80	+27.46	49 47 56.50	44.786	+ 2.40	+1 10.6	1 25 2.74	.....	+88 48 0.4	....
37	β Arietis	9	48 52.82	+ 0.61	**+27.43**	341 21 54.80	44.568	+ 2.40	− 20.0	1 49 20.89	.....	+20 20 23.5	....
38	53 Cassiopeiæ	9	55 27.58	+ 0.67	+27.46	24 55 55.55	46.228	+ 2.40	+ 27.8	1 55 55.71	− 6.79	+63 55 50.0	−29.4
39	ν Fornacis	5	59 43.71	+ 0.46	+27.46	291 17 53.10	44.935	+ 2.40	−2 31.5	2 0 11.63	− 3.02	−29 45 41.2	− 2.3
40	15 Arietis	9	4 50.97	+ 0.60	+27.47	340 3 54.38	45.942	+ 2.40	− 21.6	2 5 19.04	− 4.14	+19 2 53.1	−17.2
41	ξ Arietis	9	19 12.93	+ 0.59	+27.47	331 11 53.35	45.575	+ 2.40	− 32.7	2 19 40.99	− 4.00	+10 10 32.4	−13.1
42	Moon I, S.	8	39 27.90	+ 0.60	+27.47	332 35 53.00	44.349	+ 2.40	− 30.9	2 39 55.97	+66.66	+11 34 5.9	....
43	η Eridani	9	51 16.98	+ 0.54	**+27.50**	311 45 50.98	43.210	+ 2.40	−1 6.8	2 51 44.99	.....	− 9 16 58.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 18 17	29.57	25.0	22.5
0 8	29.74	16.8	14.5
0 43	29.74	16.0	13.7
1 8	.....	....	13.2
1 25	29.76	16.0	13.0
2 1	......	....	12.3
2 7	29.78	14.8	12.4
27 11 37	29.75	23.5	22.0
11 52	......	....	21.7
12 20	29.77	22.5	21.7
28 18 26	29.93	24.6	22.8
0 38	29.96	23.0	23.0
1 12	......	....	22.3
1 30	29.97	22.8	22.4
2 7	.....	....	22.0
29 18 30	29.72	32.9	33.9
0 42	29.75	34.6	35.1
1 33	29.755	34.8	34.0
2 0	.....	....	33.4
2 51	29.745	31.6	32.1

Micrometer bisections are made at II, VI, except as noted below.

1, 19, 32. Bisections at I, II, III.
2, 20, 33. Bisections at V, VI, VII.
3, 29, 42. Bisections at II, III, IV, V, VI.
7. Bisections at b_4, b_5, b_6.
8, 34, 40. Bisections at VI, VII.
13. Bisection at VI.
16. Bisections at III, V.
36. Bisections at b_5, b_6, b_7, b_8.
38. Bisections at III, IV, V.
39. Bisections at I, II, VII.
43. Bisections at I, II, VI.

Note.
34–36, 39, 42, 43. Clouds.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 7.9	−16 15.2	...	−16 7.3
2	+ 7.9	+16 15.3	...	+16 23.2
3	+34 18.6	+15 1.4	...	+49 20.0
19	+ 7.9	−16 16.1	...	−16 8.2
20	+ 7.9	+16 16.0	...	+16 23.9
29	+28 51.6	+15 25.9	...	+44 17.5
32	+ 7.9	−16 18.0	...	−16 10.1
33	+ 7.9	+16 18.0	...	+16 25.9
42	+26 12.2	+15 41.3	...	+41 53.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	τ^1 Arietis	9	15 14.06	+ 0.61	**+27.50**	341 49 53.75	43.685	+ 2.40	− 19.6	3 15 42.15	.....	+20 48 2.7	....
2	ο Tauri	5	19 11.76	+ 0.58	**+27.48**	329 41 54.55	47.845	+ 2.40	− 34.8	3 19 39.82	.....	+ 8 41 23.7	....
	December 30, R.												
3	Sun I, S.	9	32 31.33	+ 0.51	+27.73	297 33 56.60	43.998	+ 2.69	−1 57.5	18 32 59.57	+71.16	−23 29 25.0	....
4	Sun II, N.	8	34 53.65	+ 0.51	+27.73	298 5 56.35	45.417	+ 2.69	−1 54.9	18 35 21.89	−71.16	−22 56 49.8	....
5	Mercury C, C.	9	58 3.20	+ 0.52	+27.75	298 55 52.92	48.255	+ 2.69	−1 50.4	19 58 31.47	+ 0.07	−22 5 44.2	....
6	α Ceti	9	56 48.09	+ 0.59	**+27.83**	324 43 55.50	46.320	+ 3.28	− 43.4	2 57 16.52	.....	+ 3 42 41.8	....
7	Moon I, S.	9	36 2.17	+ 0.62	+27.83	335 35 55.70	46.025	+ 3.28	− 27.9	3 36 30.62	+68.83	+14 34 50.8	....
8	η Tauri	9	41 19.40	+ 0.62	**+27.88**	344 50	......	....	. ....	3 41 47.86	.....	+23 48	....
9	γ Eridani	9	53 5.68	+ 0.55	**+27.85**	307 16	......	....	. ....	3 53 34.08	.....	−13 47	....
10	λ Tauri	9	54 54.36	+ 0.61	**+27.90**	333 14	......	....	. ....	3 55 22.82	.....	+12 13	....
	December 30, Br.												
11	δ Corvi	9	24 25.60	+ 0.59	**+27.88**	305 3 55.72	44.405	+ 3.24	−1 27.5	12 24 54.05	.....	−15 58 45.9	....
12	κ Draconis	5	28 53.08	+ 0.60	+27.86	31 19 55.80	42.930	+ 3.24	+ 37.6	12 29 21.54	.....	+70 18 45.6	....
13	ρ Virginis	9	36 32.96	+ 0.64	**+27.88**	331 47 57.58	43.500	+ 3.24	− 33.0	12 37 1.46	.....	+10 45 49.7	....
14	35 Virginis	9	42 29.58	+ 0.63	**+27.85**	325 7 57.30	43.900	+ 3.24	− 42.9	12 42 58.07	.....	+ 4 5 48.5	....
15	31 Comæ Berenices	9	46 32.51	+ 0.65	**+27.85**	349 3 58.02	47.408	+ 3.24	− 11.8	12 47 1.03	.....	+28 3 40.3	....
16	δ Virginis	9	50 17.50	+ 0.63	**+27.83**	324 55 58.02	47.408	+ 3.24	− 43.2	12 50 46.00	.....	+ 3 55 9.3	....
17	ε Virginis	9	56 55.21	+ 0.64	**+27.82**	332 29 56.78	45.162	+ 3.24	− 32.0	12 57 23.72	.....	+11 28 27.9	....
18	θ Virginis	9	4 30.15	+ 0.62	**+27.86**	315 59 55.85	46.415	+ 3.24	− 59.4	13 4 58.64	.....	− 5 1 31.7	....
19	α Ursæ Minoris s. p.	7	24 30.93	+ 2.92	+27.87	52 11 56.75	44.469	+ 3.24	+1 19.7	1 25 1.72	.....	+88 47 55.8	....
20	m Virginis	9	36 5.71	+ 0.61	[**+27.77**]	312 47 56.95	48.000	+ 3.24	−1 6.5	13 36 34.20	.....	− 8 13 1.5	....
21	89 Virginis	9	44 10.62	+ 0.58	[**+27.80**]	303 21 55.78	48.718	+ 3.24	−1 33.4	13 44 39.08	.....	−17 39 13.1	....
22	η Bootis	9	49 37.71	+ 0.65	[**+27.87**]	339 53 57.55	45.338	+ 3.24	− 22.5	13 50 6.24	.....	+18 52 42.2	....
23	Venus II, S.	9	31 30.85	+ 0.58	+27.91	304 37 55.85	45.919	+ 3.07	−1 28.8	15 31 59.34	− 0.64	−16 24 12.5	....
	December 31, Br.												
24	Sun I, S.	9	36 56.71	+ 0.54	+27.95	297 37 55.45	43.523	+ 2.98	−1 54.2	18 37 25.20	+71.12	−23 25 33.4	....
25	Sun II. N.	9	39 18.96	+ 0.54	+27.95	298 9 54.50	44.912	+ 2.98	−1 51.6	18 39 47.45	−71.13	−22 52 59.6	....
26	α Ursæ Minoris	9	24 32.00	+ 0.48	+28.05	49 47 59.48	44.655	+ 2.62	+1 11.1	1 25 0.53	.....	+88 48 0.4	....
27	α Arietis	9	1 17.76	+ 0.61	**+28.07**	344 1 57.52	44.775	+ 2.62	− 17.1	2 1 46.42	.....	+23 0 34.1	....
28	θ Arietis	9	12 19.25	+ 0.61	+28.05	340 27 57.62	47.285	+ 2.62	− 21.3	2 12 47.91	− 4.19	+19 27 27.4	−16.6
29	27 Arietis	9	25 7.03	+ 0.61	+28.05	338 17 57.92	45.532	+ 2.62	− 23.9	2 25 35.69	− 4.21	+17 16 45.2	−14.6
30	ν Ceti	9	30 22.23	+ 0.58	**+28.06**	326 11 56.45	45.385	+ 2.62	− 40.2	2 30 50.87	.....	+ 5 10 23.9	....
31	118 H^1. Cassiopeiæ	9	36 7.87	+ 0.67	+28.06	28 25 58.00	44.302	+ 2.62	+ 32.7	2 36 36.60	− 8.22	+67 25 13.6	−25.2
32	39 Arietis	9	41 43.90	+ 0.62	+28.06	349 51 57.55	45.540	+ 2.62	− 10.7	2 42 12.58	− 4.71	+28 50 57.7	−16.2
33	σ Arietis	9	45 43.79	+ 0.60	**+28.02**	335 41 55.98	46.875	+ 2.62	− 27.1	2 46 12.45	.....	+14 41 10.6	....
34	η Eridani	9	51 16.37	+ 0.55	**+28.08**	311 45 53.95	43.068	+ 2.62	−1 7.3	2 51 44.98	.....	− 9 16 58.6	....
35	2 H. Ursæ Minoris s. p.	8	55 31.46	+ 0.72	+28.06	74 37 59.02	46.950	+ 2.62	+3 37.3	14 56 0.24	+ 2.07	+66 18 40.3	+23.5
36	δ Arietis	9	5 40.71	+ 0.61	**+28.07**	340 23 57.02	42.990	+ 2.62	− 21.4	3 6 9.38	.....	+19 21 48.2	....
37	ζ Arietis	9	8 55.34	+ 0.61	**+28.08**	341 41 57.00	46.915	+ 2.62	− 19.9	3 9 24.01	.....	+20 41 19.7	....
38	τ^1 Arietis	9	15 13.50	+ 0.61	**+28.04**	341 49 56.45	43.578	+ 2.62	− 19.7	3 15 42.17	.....	+20 48 3.1	....
39	ξ Tauri	9	21 30.36	+ 0.59	**+28.03**	330 25 56.62	43.590	+ 2.62	− 34.1	3 21 59.02	.....	+ 9 23 49.2	....
40	ε Eridani	9	27 56.76	+ 0.55	**+28.07**	311 13 54.18	47.875	+ 2.62	−1 8.5	3 28 25.38	.....	− 9 47 9.7	....
41	δ Eridani	9	38 11.34	+ 0.55	**+28.07**	310 55 53.98	47.085	+ 2.62	−1 9.3	3 38 39.96	.....	−10 5 28.8	....
42	γ Eridani	9	53 5.44	+ 0.54	**+28.10**	307 15 55.00	43.260	+ 2.62	−1 19.0	3 53 34.05	.....	−13 47 4.9	....
43	Moon I, S.	9	36 12.18	+ 0.63	+28.08	337 45 57.35	44.606	+ 2.62	− 24.6	4 36 40.89	+70.86	+16 44 22.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 3 46	29.75	31.9	32.2
30 18 35	29.89	22.8	20.0
19 58	29.88	23.9	21.8
2 57	29.89	21.8	21.2
3 36	......	....	20.9
3 43	29.89	21.7	....
12 23	29.805	19.9	19.0
12 50	......	....	18.8
13 4	29.81	19.6	18.5
13 36	......	....	18.1
13 50	29.81	18.7	18.0
15 32	29.84	20.5	20.0
31 18 39	29.84	30.8	31.2
1 25	29.77	30.2	30.8
2 1	29.765	30.0	30.0
2 42	......	....	29.0
3 15	29.73	29.0	28.2
3 28	......	....	28.1
3 53	29.71	28.8	28.0
4 38	29.70	28.6	27.9

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisection at VII.
3, 24.	Bisections at I, II, III.
4.	Bisections at V, VI, VII.
5, 25, 29.	Bisections at VI, VII.
7, 43.	Bisections at II, III, IV, V, VI.
12.	Bisections at b_5, b_7.
14, 15, 32, 36.	Bisections at I, II.
19.	Bisections at b_4, b_5, b_6, b_8.
23.	Bisections at I, II, VI, VII.
26, 35.	Bisections at III, IV.
31.	Bisections at III, IV, V.

Notes.

1, 2, 7–10.	Through clouds.
11.	Circle reading decreased 1′.
11, 18, 20, 21.	Unsteady.
19, 22.	Unsteady and diffuse.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+ 7.9	+16 17.6	...	+16 25.5
4	+ 7.9	−16 17.6	...	−16 9.7
5	+ 7.4	.. ....	+0.1	+ 7.5
7	+23 53.0	+15 57.3	...	+39 50.3
23	+ 7.8	+ 9.3	...	+ 17.1
24	+ 7.9	+16 16.9	...	+16 24.8
25	+ 7.9	−16 16.9	...	−16 9.0
43	+22 12.6	+16 12.6	...	+38 25.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	January 13, Br.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Virginis	9	50 46.47	+ 0.63	**− 0.69**	324 55 50.30	47.792	− 1.94	− 42.0	12 50 46.38	.....	+ 3 55 6.4	....
2	ε Virginis	9	57 24.15	+ 0.66	**− 0.67**	332 29 48.60	45.568	− 1.94	− 31.1	12 57 24.09	.....	+11 28 24.8	....
3	θ Virginis	9	4 59.19	+ 0.61	**− 0.73**	315 59 49.98	46.708	− 1.94	− 57.8	13 4 59.08	.....	− 5 1 34.5	....
4	20 Canum Venaticorum	9	13 14.06	+ 0.72	− 0.72	2 5 50.78	44.215	− 1.94	+ 2.3	13 13 14.06	.....	+41 4 29.3	....
5	α Ursæ Minoris s. p.	8	24 48.78	− 0.70	− 0.72	52 11 52.15	44.947	− 1.94	+1 17.3	1 24 47.36	.....	+88 47 56.9	....
6	m Virginis	9	36 34.71	+ 0.60	**− 0.76**	312 47 47.10	48.462	− 1.94	−1 4.4	13 36 34.59	.....	− 8 13 3.9	....
7	τ Bootis	9	42 41.97	+ 0.67	− 0.72	338 57 49.98	44.132	− 1.94	− 23.0	13 42 41.92	.....	+17 56 1.4	....
8	η Bootis	9	50 6.73	+ 0.67	**− 0.72**	339 53 49.68	45.680	− 1.94	− 21.8	13 50 6.68	.....	+18 52 37.7	....
9	τ Virginis	9	56 45.71	+ 0.63	**− 0.74**	323 1 51.55	46.442	− 1.94	− 45.0	13 56 45.62	.....	+ 2 0 33.8	....
10	α Bootis	9	11 16.71	+ 0.67	**− 0.70**	340 41 50.32	46.220	− 1.94	− 20.9	14 11 16.66	.....	+19 40 51.5	....
11	5 Ursæ Minoris	9	27 39.61	+ 0.86	− 0.72	37 7 50.80	44.083	− 1.94	+ 45.5	14 27 39.75	.....	+76 7 9.5	....
12	33 Bootis	9	35 14.94	+ 0.73	− 0.72	5 49 50.55	45.345	− 1.94	+ 6.2	14 35 14.95	.....	+44 48 58.8	....
13	ε Bootis	9	40 47.13	+ 0.69	[**− 0.71**]	348 29 50.42	45.252	− 1.94	− 12.2	14 40 47.10	.....	+27 28 38.2	....
14	α Libræ	9	45 33.93	+ 0.57	[**− 0.69**]	305 25 46.85	40.422	− 1.94	−1 24.2	14 45 33.78	.....	−15 38 27.6	....
15	Venus II, S	9	39 32.27	+ 0.55	− 0.69	301 7 45.65	48.250	− 1.84	−1 38.4	16 39 32.13	− 0.59	−19 53 44.0	....
	January 14, Br.												
16	Sun I, N	9	38 44.12	+ 0.54	− 0.69	299 49 48.30	48.458	− 1.61	−1 42.7	19 38 43.97	+70.28	−21 11 40.8	....
17	Sun II, S	9	41 4.68	+ 0.54	− 0.69	299 17 48.75	47.052	− 1.61	−1 45.0	19 41 4.53	−70.28	−21 44 14.5	....
18	α Ursæ Minoris	6	24 46.37	+ 0.98	− 0.66	49 47 54.00	45.085	− 1.51	+1 11.0	1 24 46.69	.....	+88 48 0.9	....
19	τ Ceti	9	39 36.74	+ 0.53	**− 0.69**	304 35 49.70	44.890	− 1.51	−1 26.6	1 39 36.61	.....	−16 26 44.6	....
20	ζ Ceti	9	46 43.65	+ 0.55	**− 0.67**	310 13 44.72	44.482	− 1.51	−1 10.7	1 46 43.54	.....	−10 48 43.0	....
21	α Arietis	9	1 46.29	+ 0.64	**− 0.68**	344 1 50.88	45.235	− 1.51	−1 17.1	2 1 46.27	.....	+23 0 33.8	....
22	ξ¹ Ceti	9	7 55.23	+ 0.61	**− 0.68**	329 25 47.85	44.050	− 1.51	− 35.4	2 7 55.18	.....	+ 8 23 45.3	....
23	67 Ceti	9	12 12.19	+ 0.57	**− 0.69**	314 9 47.65	45.845	− 1.51	−1 1.7	2 12 12.10	.....	− 6 52 0.0	....
24	ξ² Ceti	9	23 3.87	+ 0.60	**− 0.65**	329 3 47.85	44.045	− 1.51	− 36.0	2 23 3.81	.....	+ 8 1 44.7	....
25	ν Ceti	9	30 50.85	+ 0.60	**− 0.73**	326 11 48.20	45.910	− 1.51	− 40.2	2 30 50.79	.....	+ 5 10 23.5	....
	January 14, Ei.-Y.												
26	η Tauri	9	41 47.66	+ 0.61	**− 0.49**	344 49 53.98	44.835	− 1.18	− 16.3	3 41 47.74	.....	+23 48 28.6	....
27	B. D.+23°553	9	42 48.06	+ 0.61	− 0.53	345 3 54.05	46.250	− 1.18	− 16.0	3 42 48.14	− 1.21	+24 3 1.6	+ 3.5
28	λ Tauri	9	55 22.71	+ 0.59	**− 0.53**	333 13 52.48	47.012	− 1.18	− 30.3	3 55 22.77	.....	+12 13 3.2	....
29	B. D.+21°587	9	59 40.31	+ 0.61	− 0.53	342 45 52.58	46.215	− 1.18	− 18.6	3 59 40.39	− 1.25	+21 44 56.7	+ 4.9
30	B. D.+16°559	9	2 27.70	+ 0.60	− 0.53	337 17 52.55	44.978	− 1.18	− 25.2	4 2 27.77	− 1.19	+16 16 21.9	+ 6.6
31	B. D.+18°594	9	5 10.17	+ 0.60	− 0.53	339 11 52.80	44.682	− 1.18	− 22.9	4 5 10.24	− 1.22	+18 10 17.7	+ 6.2
32	B. D.+23°648	9	8 42.80	+ 0.61	− 0.53	344 27 53.65	46.565	− 1.18	− 16.7	4 8 42.88	− 1.31	+23 27 7.7	+ 4.9
33	B. D.+22°670	9	12 32.61	+ 0.61	− 0.53	343 35 53.28	44.320	− 1.18	− 17.7	4 12 32.69	− 1.31	+22 34 15.0	+ 5.3
34	B. D.+13°665	9	15 29.76	+ 0.60	− 0.53	334 39 52.28	44.185	− 1.18	− 28.5	4 15 29.83	− 1.21	+13 38 0.2	+ 7.8
35	B. D.+20°751	9	17 54.08	+ 0.61	− 0.53	341 45 53.48	47.530	− 1.18	− 19.8	4 17 54.16	− 1.31	+20 45 26.5	+ 6.0
36	B. D.+14°697	9	21 12.07	+ 0.60	− 0.53	335 29 52.42	48.600	− 1.18	− 27.4	4 21 12.14	− 1.24	+14 29 42.3	+ 7.8
37	B. D.+15°633	9	23 31.41	+ 0.60	− 0.53	336 57 53.40	45.902	− 1.18	− 25.6	4 23 31.48	− 1.27	+15 56 43.5	+ 7.5
38	B. D.+14°711	9	25 41.41	+ 0.60	− 0.53	335 53 52.62	48.802	− 1.18	− 26.9	4 25 41.48	− 1.26	+14 53 47.6	+ 7.9
39	B. D.+22°712	8	29 1.94	+ 0.61	− 0.53	343 29 51.70	47.615	− 1.18	− 17.8	4 29 2.02	− 1.37	+22 29 28.7	+ 6.1
40	B. D.+18°661	9	31 41.24	+ 0.60	− 0.53	339 21 52.70	45.995	− 1.18	− 22.7	4 31 41.31	− 1.32	+18 20 47.8	+ 7.2
41	B. D.+28°680	9	35 20.52	+ 0.62	− 0.53	349 25 54.38	47.798	− 1.18	− 11.2	4 35 20.61	− 1.49	+28 25 42.1	+ 5.0
42	B. D.+27°688	9	37 38.33	+ 0.62	− 0.53	348 31 56.08	45.210	− 1.18	− 12.2	4 37 38.42	− 1.48	+27 30 43.7	+ 5.3
43	B. D.+18°719	9	40 41.68	+ 0.60	− 0.53	339 33 53.18	48.010	− 1.18	− 22.4	4 40 41.75	− 1.36	+18 33 34.6	+ 7.6
44	B. D.+15°687	9	44 15.73	+ 0.60	− 0.53	336 45 53.15	44.310	− 1.18	− 25.9	4 44 15.80	− 1.34	+15 44 6.5	+ 8.4
45	B. D.+26°759	9	47 2.99	+ 0.62	− 0.53	347 37 53.72	46.128	− 1.18	− 13.2	4 47 3.08	− 1.49	+26 37 1.3	+ 6.0
46	B. D.+23°777	9	52 0.49	+ 0.61	− 0.53	344 49 53.78	43.210	− 1.18	− 16.3	4 52 0.57	− 1.46	+23 47 51.6	+ 6.8
47	B. D.+27°723	9	58 39.15	+ 0.62	− 0.53	348 33 54.00	47.790	− 1.18	− 12.2	4 58 39.24	− 1.54	+27 33 40.8	+ 6.3
48	B. D.+19°853	9	3 11.84	+ 0.60	− 0.53	340 45 53.62	43.860	− 1.18	− 21.0	5 3 11.91	− 1.44	+19 44 1.6	+ 8.2
49	B. D.+23°872	9	5 11.85	+ 0.61	− 0.53	344 7 53.60	41.468	− 1.18	− 17.2	5 5 11.93	− 1.49	+23 5 10.7	+ 7.6
50	B. D.+19°876	9	9 31.81	+ 0.60	− 0.53	340 57 54.20	45.570	− 1.18	− 20.8	5 9 31.88	− 1.46	+19 56 41.4	+ 8.4
51	B. D.+21°816	9	13 31.86	+ 0.61	− 0.53	343 1 52.60	43.055	− 1.18	− 18.4	5 13 31.94	− 1.49	+21 59 44.8	+ 8.2
52	B. D.+19°902	9	15 17.67	+ 0.60	− 0.53	340 43 54.38	46.200	− 1.18	− 21.1	5 15 17.74	− 1.47	+19 42 55.7	+ 8.7
53	β Tauri	9	20 14.86	+ 0.62	**− 0.50**	349 31 54.32	47.282	− 1.18	− 11.1	5 20 14.95	.....	+28 31 30.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 12 51	29.38	25.4	25.1
13 5	.....	.....	25.1
13 37	29.39	25.3	26.5
13 57	.....	....	26.0
14 46	29.42	24.8	25.0
16 40	29.46	27.0	27.9
14 19 41	29.47	33.0	32.0
1 25	29.57	29.0	28.5
2 2	.....	.....	27.8
2 12	29.58	28.0	27.3
2 31	29.58	27.5	27.1
3 39	29.59	26.0	25.7
4 1	.....	.....	25.7
4 27	29.60	25.5	25.2
5 1	.....	....	21.9

Micrometer bisections are made at II, VI, except as noted below.

5. Bisections at b_3, b_4, b_6, b_7, b_8.
11. Bisections at III, IV, V.
15. Bisections at I, II, VI, VII.
16. Bisections at I, II, III.
17, 47. Bisections at VI, VII.
18. Bisections at b_1, b_3, b_5, b_6.
26. Bisections at I, II.
36, 39, 49, 52. Bisections at II, VII.

Notes.

1–14. Woolly.
3. Faint and unsteady.
4, 5, 6, 9. Unsteady.
6. Micrometer reading increased 5 rev.
16. Micrometer reading decreased 1 rev.
33–35. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	″
15	+ 7.3	+ 8.5	...	+ 15.8
16	+ 7.7	−16 16.8	...	−16 9.1
17	+ 7.8	+16 16.8	...	+16 24.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+15°826	9	22 16.02	+ 0.60	– 0.53	336 47 52.88	47.872	– 1.18	– 25.8	5 22 16.09	– 1.44	+15 47 27.7	+ 9.7
2	B. D.+29°923	8	26 9.87	+ 0.62	– 0.53	350 7 54.40	46.920	– 1.18	– 10.4	5 26 9.96	– 1.62	+29 7 22.9	+ 7.3
3	B. D.+23°954	9	29 36.74	+ 0.61	– 0.53	344 59 54.10	44.722	– 1.18	– 16.2	5 29 36.82	– 1.55	+23 58 26.5	+ 8.4
4	ζ Tauri	8	31 55.91	+ 0.61	**– 0.55**	342 5 53.80	46.190	– 1.18	– 19.5	5 31 55.99	....	+21 4 56.5	....
5	B. D.+24°920	9	36 6.01	+ 0.61	– 0.53	345 17 53.52	43.745	– 1.18	– 15.8	5 36 6.09	– 1.57	+24 16 4.1	+ 8.7
6	B. D.+26°937	9	38 58.75	+ 0.62	– 0.53	347 17 54.48	48.462	– 1.18	– 13.6	5 38 58.84	– 1.60	+26 17 55.0	+ 8.4
7	B. D.+20°1100	9	41 56.03	+ 0.61	– 0.53	341 55 53.30	44.415	– 1.18	– 19.7	5 41 56.11	– 1.54	+20 54 15.2	+ 9.5
8	B. D.+19°1110	8	46 43.59	+ 0.61	– 0.53	340 51 53.92	45.038	– 1.18	– 20.9	5 46 43.67	– 1.53	+19 50 28.9	+ 9.8
9	α Orionis	9	49 59.90	+ 0.58	**– 0.53**	328 23 50.80	47.770	– 1.18	– 37.1	5 49 59.95	....	+ 7 23 12.1	....
10	1 Geminorum	9	58 18.61	+ 0.61	**– 0.53**	344 17 54.52	43.530	– 1.18	– 17.0	5 58 18.69	....	+23 15 59.2	....
11	B. D.+16°1000	9	1 25.46	+ 0.60	– 0.53	337 13 52.20	41.650	– 1.18	– 25.4	6 1 25.53	– 1.52	+16 11 5.3	+10.8
12	B. D.+28°1036	9	5 10.73	+ 0.62	– 0.53	349 55 54.80	47.188	– 1.18	– 10.7	6 5 10.82	– 1.67	+28 55 28.8	+ 9.2
13	B. D.+22°1220	9	6 31.41	+ 0.61	– 0.53	343 57 54.80	42.745	– 1.18	– 17.3	6 6 31.49	– 1.59	+22 55 41.0	+10.1
14	B. D.+25°1180	9	9 30.63	+ 0.61	– 0.53	346 21 53.12	47.818	– 1.18	– 14.6	6 9 30.71	– 1.62	+25 21 37.9	+ 9.9
15	B. D.+27°1054	9	12 21.46	+ 0.62	– 0.53	348 15 55.60	45.250	– 1.18	– 12.5	6 12 21.55	– 1.65	+27 14 43.8	+ 9.7
16	B. D.+29°1190	9	15 5.87	+ 0.62	– 0.53	350 35 54.02	45.750	– 1.18	– 10.0	6 15 5.96	– 1.69	+29 34 56.1	+ 9.6
17	B. D.+17°1224 (*mean*)	9	17 15.55	+ 0.60	– 0.53	338 37 52.48	46.900	– 1.18	– 23.6	6 17 15.62	– 1.55	+17 37 7.3	+11.1
18	B. D.+20°1427	9	22 4.76	+ 0.61	– 0.53	341 51 53.22	45.768	– 1.18	– 19.7	6 22 4.84	– 1.58	+20 50 46.1	+10.9
19	B. D.+25°1660	9	17 38.95	+ 0.61	– 0.53	346 15 54.85	43.305	– 1.18	– 14.8	7 17 39.03	– 1.62	+25 13 56.3	+12.2
20	ι Geminorum	9	19 47.48	+ 0.62	**– 0.49**	348 59 55.08	46.405	– 1.18	– 11.7	7 19 47.57	....	+27 59 10.5	....
21	β Canis Minoris	9	21 58.19	+ 0.58	**– 0.49**	329 29 52.02	46.608	– 1.18	– 35.6	7 21 58.24	....	+ 8 28 48.2	....
	January 14, M.												
22	Venus II; S	9	44 31.07	+ 0.51	– 0.58	300 57 51.05	43.642	– 1.24	–1 41.5	16 44 31.00	– 0.59	–20 5 26.4	....
	January 15, M.												
23	Sun S		.. ....	....	....	299 29 50.52	43.033	– 0.74	–1 46.5	19 44	....	–21 33 45.4	....
24	Sun N		.. ..	....	....	300 1 52.35	44.342	– 0.74	–1 44.2	.. ..	....	–21 1 11.2	....
25	e Piscium	9	3 25.48	+ 0.58	– 0.57	326 9 53.38	45.912	– 0.84	– 40.5	1 3 25.49	– 0.10	+ 5 8 29.1	+ 2.9
26	l Piscium	9	15 49.14	+ 0.60	– 0.57	349 13 54.48	49.360	– 0.84	– 11.4	1 15 49.17	– 0.45	+28 14 18.0	– 4.7
27	ω Andromedæ	8	21 55.11	+ 0.61	– 0.57	5 55 55.28	44.768	– 0.84	+ 6.4	1 21 55.15	– 0.77	+44 54 51.6	– 9.7
28	τ Andromedæ	9	34 55.18	+ 0.61	– 0.57	1 3 50.15	52.495	– 0.84	+ 1.2	1 34 55.22	– 0.77	+40 5 38.1	– 7.7
29	χ Ceti	9	44 52.35	+ 0.54	– 0.57	309 51 52.18	46.560	– 0.84	–1 12.4	1 44 52.32	....	–11 9 49.1	....
30	λ Arietis	9	52 35.18	+ 0.60	– 0.57	344 7 53.28	48.185	– 0.84	– 17.2	1 52 35.21	– 0.60	+23 7 44.2	– 1.4
31	θ Arietis	9	12 47.61	+ 0.60	– 0.57	340 27 55.68	47.545	– 0.84	– 21.5	2 12 47.64	– 0.67	+19 27 27.7	+ 0.8
32	ξ Arietis	9	19 40.72	+ 0.58	– 0.57	331 11 53.48	45.672	– 0.84	– 33.3	2 19 40.73	– 0.60	+10 10 30.9	+ 4.3
33	27 Arietis	9	25 35.43	+ 0.60	– 0.57	338 17 55.20	45.828	– 0.84	– 24.1	2 25 35.46	– 0.72	+17 16 45.4	+ 2.1
34	ν Ceti	9	30 50.69	+ 0.58	**– 0.56**	326 11 54.50	45.598	– 0.84	– 40.6	2 30 50.70	....	+ 5 10 23.0	....
	January 15. Ei.-Y.												
35	λ Tauri	9	55 22.67	+ 0.60	**– 0.52**	333 13 53.38	46.962	– 1.02	– 30.7	3 55 22.75	....	+12 13 2.7	....
36	ν Tauri	9	58 3.87	+ 0.59	**– 0.46**	326 43 52.40	47.998	– 1.02	– 39.9	3 58 3.94	....	+ 5 43 16.2	....
37	B. D.+20°701	9	1 30.97	+ 0.61	– 0.52	342 1 55.38	44.212	– 1.02	– 19.7	4 1 31.06	– 1.24	+21 0 12.8	+ 5.2
38	B. D.+16°559	9	2 27.63	+ 0.61	– 0.52	337 17 53.88	44.930	– 1.02	– 25.5	4 2 27.72	– 1.18	+16 16 22.0	+ 6.6
39	B. D.+21°606	9	6 32.75	+ 0.61	– 0.52	342 19 54.40	41.600	– 1.02	– 19.4	4 6 32.84	– 1.26	+21 17 12.5	+ 5.4
40	B. D.+17°703	9	12 29.49	+ 0.61	– 0.52	339 1 54.30	47.045	– 1.02	– 23.3	4 12 29.58	– 1.24	+18 1 12.9	+ 6.5
41	B. D.+14°682	9	15 10.73	+ 0.60	– 0.52	335 51 53.55	48.875	– 1.02	– 27.3	4 15 10.81	– 1.22	+14 51 50.0	+ 7.5
42	B. D.+24°654	9	17 43.39	+ 0.61	– 0.52	345 11 55.00	45.780	– 1.02	– 16.1	4 17 43.48	– 1.35	+24 10 51.9	+ 5.1
43	B. D.+15°625	9	20 53.71	+ 0.61	– 0.52	336 23 53.75	49.108	– 1.02	– 26.6	4 20 53.80	– 1.24	+15 23 56.2	+ 7.6
44	B. D.+27°661	9	23 25.26	+ 0.62	– 0.52	348 11 55.22	47.342	– 1.02	– 12.7	4 23 25.36	– 1.42	+27 11 31.2	+ 4.6
45	B. D.+28°666	9	28 38.79	+ 0.62	– 0.52	349 45 54.90	47.472	– 1.02	– 11.0	4 28 38.89	– 1.46	+28 45 35.5	+ 4.5
46	B. D.+26°730	9	30 51.97	+ 0.61	– 0.52	347 57 55.65	44.245	– 1.02	– 13.0	4 30 52.06	– 1.44	+26 56 20.5	+ 5.0
47	B. D.+24°674	9	33 33.16	+ 0.61	– 0.52	346 3 55.12	42.462	– 1.02	– 15.1	4 33 33.25	– 1.41	+25 1 37.2	+ 5.6
48	B. D.+21°686	9	36 18.67	+ 0.61	– 0.52	342 19 53.70	47.308	– 1.02	– 19.4	4 36 18.76	– 1.37	+21 19 21.9	+ 6.7
49	B. D.+17°774	9	37 27.29	+ 0.61	– 0.52	338 9 54.10	42.922	– 1.02	– 24.4	4 37 27.38	– 1.32	+17 7 37.4	+ 7.8
50	B. D.+23°747	9	44 1.53	+ 0.61	– 0.52	344 15 54.40	42.748	– 1.02	– 17.2	4 44 1.62	– 1.42	+23 13 40.9	+ 6.6
51	B. D.+22°776	9	50 21.75	+ 0.61	– 0.52	343 27 54.72	41.950	– 1.02	– 18.1	4 50 21.84	– 1.43	+22 25 22.1	+ 7.0
52	B. D.+22°800	9	55 43.61	+ 0.61	– 0.52	343 57 54.38	48.020	– 1.02	– 17.5	4 55 43.70	– 1.45	+22 57 41.0	+ 7.2
53	B. D.+24°739	9	57 59.89	+ 0.61	– 0.52	345 51 55.10	44.235	– 1.02	– 15.3	4 57 59.98	– 1.49	+24 50 17.5	+ 6.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 5 24	29.61	24.7	24.9
5 52	......	....	24.5
6 24	29.62	24.5	25.0
7 12	......	....	23.9
7 23	29.62	23.9	23.6
16 45	29.87	24.5	23.6
15 19 45	29.885	30.0	28.6
1 3	29.93	29.2	29.5
1 28	......	....	28.7
2 7	29.93	27.5	28.0
3 54	29.93	26.2	26.1
4 19	......	....	25.0
4 45	29.925	29.9	24.5

Micrometer bisections are made at II, VI, except as noted below.

5, 15, 18, 21.	Bisections at II, VII.
10.	Bisections at VI, VII.
12, 48.	Bisections at I, II.
22.	Bisections at I, II, VI, VII.
23.	Bisections at I, II, III.
24.	Bisections at V, VI, VII.
28.	Bisections at V, VI.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
22	+ 7.3	+ 8.4	...	+ 15.7
23	+ 7.8	+16 17.0	...	+16 24.8
24	+ 7.7	–16 17.1	...	–16 9.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+26°783.	9	59 58.24	+ 0.61	− 0.52	347 17 54.50	48.220	− 1.02	− 13.7	4 59 58.33	− 1.52	+26 17 49.5	+ 6.6
2	B. D.+24°755.	9	2 17.01	+ 0.61	− 0.52	345 9 54.90	44.122	− 1.02	− 16.1	5 2 17.10	− 1.49	+24 8 13.6	+ 7.2
3	B. D.+29°822.	9	3 38.30	+ 0.62	− 0.52	350 39 54.20	49.715	− 1.02	− 10.0	5 3 38.40	− 1.58	+29 40 27.1	+ 6.0
4	B. D.+15°759.	9	6 11.98	+ 0.61	− 0.52	336 55 53.52	47.992	− 1.02	− 25.9	5 6 12.07	− 1.40	+15 55 31.2	+ 9.2
5	B. D.+28°772.	9	11 12.62	+ 0.62	− 0.52	349 49 53.50	42.972	− 1.02	− 10.9	5 11 12.72	− 1.59	+28 47 51.4	+ 6.6
6	B. D.+26°805.	9	13 51.17	+ 0.61	− 0.52	347 9 54.05	47.235	− 1.02	− 13.9	5 13 51.26	− 1.55	+26 9 26.4	+ 6.9
7	B. D.+27°758.	9	14 59.06	+ 0.61	− 0.52	348 51 54.68	47.380	− 1.02	− 12.0	5 14 59.15	− 1.58	+27 51 32.2	+ 7.0
8	B. D.+17°920.	6	18 50.64	+ 0.61	− 0.52	338 17 53.92	47.960	− 1.02	− 24.3	5 18 50.73	− 1.45	+17 17 32.4	+ 9.3
9	B. D.+27°771.	9	21 1.37	+ 0.61	− 0.52	348 31 55.32	47.390	− 1.02	− 12.3	5 21 1.46	− 1.58	+27 31 32.6	+ 7.4
10	B. D.+16°782.	9	22 38.47	+ 0.61	− 0.52	337 21 51.88	47.925	− 1.02	− 25.4	5 22 38.56	− 1.45	+16 21 28.5	+ 9.6
11	B. D.+18°875.	9	26 36.46	+ 0.61	− 0.52	339 31 54.00	47.142	− 1.02	− 22.8	5 26 36.55	− 1.48	+18 31 15.3	+ 9.4
12	B. D.+24°873.	9	30 6.24	+ 0.61	− 0.52	345 41 54.90	46.312	− 1.02	− 15.5	5 30 6.33	− 1.56	+24 41 4.6	+ 8.3
13	B. D.+29°947.	9	33 13.53	+ 0.62	− 0.52	350 9 54.52	47.235	− 1.02	− 10.5	5 33 13.63	− 1.64	+29 9 30.2	+ 7.6
14	B. D.+18°920.	9	36 51.24	+ 0.61	− 0.52	339 57 53.92	44.645	− 1.02	− 22.3	5 36 51.33	− 1.50	+18 56 18.7	+ 9.6
15	B. D.+20°1093.	9	41 5.43	+ 0.61	− 0.52	341 9 54.18	43.885	− 1.02	− 20.8	5 41 5.52	− 1.52	+20 8 3.1	+ 9.6
16	B. D.+24°970.	9	43 8.92	+ 0.61	− 0.52	345 33 54.10	43.568	− 1.02	− 15.7	5 43 9.01	− 1.58	+24 32 0.8	+ 8.9
17	B. D.+27°899.	9	47 19.10	+ 0.61	− 0.52	348 35 55.42	46.735	− 1.02	− 12.3	5 47 19.19	− 1.63	+27 35 17.9	+ 8.6
18	B. D.+28°952.	9	50 29.42	+ 0.62	− 0.52	349 55 54.32	47.290	− 1.02	− 10.8	5 50 29.52	− 1.66	+28 55 31.0	+ 8.5
19	B. D.+22°1135.	9	54 40.51	+ 0.61	− 0.52	343 55 53.80	42.375	− 1.02	− 17.6	5 54 40.60	− 1.58	+22 53 31.4	+ 9.6
20	1 Geminorum	9	58 18.58	+ 0.61	− **0.50**	344 17 53.88	43.595	− 1.02	− 17.2	5 58 18.67	.....	+23 15 59.7	....
21	ν Orionis.	8	2 6.92	+ 0.60	− **0.53**	335 47 52.68	45.835	− 1.02	− 27.4	6 2 7.00	.....	+14 46 39.5	....
22	η Geminorum	4	9 6.47	+ 0.61	− **0.46**	343 33 52.92	43.530	− 1.02	− 18.0	6 9 6.56	.....	+22 31 56.5	....
	January 15, Br.												
23	43 H. Cephei s. P.	5	55 36.83	+ 0.85	− 0.63	55 15 57.00	41.973	− 0.80	+1 28.0	0 55 37.05	.....	+85 44 48.7	....
24	*θ* Virginis.	9	4 59.18	+ 0.62	− **0.66**	315 59 52.20	46.535	− 0.80	− 58.8	13 4 59.17	.....	− 5 1 35.8	....
25	20 Canum Venaticorum	4	13 14.14	+ 0.70	− 0.63	2 5 55.95	43.852	− 0.80	+ 2.3	13 13 14.21	.....	+41 4 27.5	....
26	α Ursæ Minoris s. P.	7	24 43.63	+ 1.02	− 0.63	52 11 55.70	44.654	− 0.80	+1 18.8	1 24 44.02	.....	+88 47 57.1	....
27	*m* Virginis.	9	36 34.63	+ 0.62	− **0.64**	312 47 53.25	48.190	− 0.80	−1 5.7	13 36 34.62	.....	− 8 13 4.1	....
28	τ Boötis.	9	42 41.98	+ 0.67	− 0.63	338 57 54.58	43.872	− 0.80	− 23.4	13 42 42.02	.....	+17 56 0.8	....
29	η Boötis.	9	50 6.72	+ 0.67	− **0.65**	339 53 54.25	45.468	− 0.80	− 22.3	13 50 6.76	.....	+18 52 38.0	....
30	τ Virginis.	9	56 45.69	+ 0.64	− **0.67**	323 1 53.52	46.328	− 0.80	− 45.8	13 56 45.70	.....	+ 2 0 33.3	....
31	*d* Boötis.	9	6 0.93	+ 0.68	− **0.61**	346 33 54.10	45.218	− 0.80	− 14.5	14 6 0.98	.....	+25 32 40.0	....
32	α Boötis.	9	11 16.71	+ 0.67	− **0.64**	340 41 53.75	46.020	− 0.80	− 21.3	14 11 16.75	.....	+19 40 51.2	....
33	*f* Boötis.	9	21 59.16	+ 0.67	− **0.69**	340 39 53.18	47.565	− 0.80	− 21.3	14 21 59.20	.....	+19 39 25.9	....
	January 17, M.												
34	Venus II, S.	9	59 34.22	+ 0.58	− 0.32	300 25 53.05	43.476	+ 1.88	−1 46.4	16 59 34.48	− 0.58	−20 37 30.0	....
	January 18, M.												
35	Sun I, N.	8	55 55.24	+ 0.57	− 0.30	300 33 52.68	49.160	+ 2.21	−1 45.1	19 55 55.51	+69.89	−20 27 18.9	....
36	Sun II, S.	9	58 15.01	+ 0.57	− 0.30	300 1 52.58	47.737	+ 2.21	−1 47.4	19 58 15.28	−69.88	−20 59 53.7	....
37	α Ursæ Minoris.	9	24 41.89	− 0.08	− 0.25	49 47 59.35	44.515	+ 2.14	+1 14.9	1 24 41.56	.....	+88 48 1.4	....
38	χ Ceti.	9	44 52.06	+ 0.63	− 0.25	309 51 54.52	46.460	+ 2.14	−1 15.5	1 44 52.44	.....	−11 9 49.2	....
39	β Arietis.	8	49 20.20	+ 0.70	− **0.31**	341 21 57.82	44.475	+ 2.14	− 21.3	1 49 20.65	.....	+20 20 23.1	....
40	53 Cassiopeiæ.	9	55 54.45	+ 0.74	− 0.25	24 55 58.80	46.070	+ 2.14	+ 29.5	1 55 54.94	− 1.66	+63 55 50.8	−13.1
41	15 Arietis.	9	5 18.33	+ 0.70	− 0.25	340 4	......	....	....	2 5 18.78	− 0.58	+19 2	....
42	θ Arietis.	9	12 47.23	+ 0.70	− 0.25	340 27 57.45	47.370	+ 2.14	− 22.4	2 12 47.68	− 0.63	+19 27 27.5	+ 0.9
43	ξ Arietis.	9	19 40.31	+ 0.68	− 0.24	331 11 55.80	45.530	+ 2.14	− 34.8	2 19 40.75	− 0.56	+10 10 31.5	+ 4.4
44	27 Arietis.	9	25 34.99	+ 0.69	− 0.24	338 17 56.42	45.668	+ 2.14	− 25.2	2 25 35.44	− 0.67	+17 16 44.8	+ 2.2
45	39 Arietis.	9	42 11.88	+ 0.71	− 0.24	349 51 56.65	45.622	+ 2.14	− 11.3	2 42 12.35	− 0.93	+28 50 57.9	− 1.0
46	η Eridani.	9	51 44.37	+ 0.63	− **0.19**	311 45 53.95	43.242	+ 2.14	−1 11.0	2 51 44.76	.....	− 9 16 58.8	....
47	α Ceti.	9	57 15.88	+ 0.67	− **0.23**	324 43 55.05	46.482	+ 2.14	− 44.9	2 57 16.31	.....	+ 3 42 42.4	....
	January 20, Br.												
48	π Hydræ.	9	0 54.04	+ 0.57	....	294 49 49.55	45.860	− 0.52	−2 8.5	14 0	.....	−26 13 3.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 5 8	....	....	24.6
5 31	29.92	24.4	23.9
6 11	29.91	24.3	23.9
12 58	29.77	23.0	23.0
13 26	....	....	23.0
13 43	29.76	23.2	23.1
14 22	....	....	23.2
14 42	29.725	24.0	....
17 17 0	30.22	18.9	17.0
18 19 58	30.225	21.8	19.7
1 28	30.35	17.8	16.0
1 54	..	....	15.2
2 9	30.36	16.5	14.8
2 42	30.36	15.6	13.9
2 57	....	....	13.2
20 14 1	29.77	31.2	31.9

Micrometer bisections are made at II, VI, except as noted below.

2, 30. Bisections at I, II.
9. Bisection at II.
23. Bisections at b_4, b_5, b_6.
24, 25, 39. Bisections at VI, VII.
26. Bisections at b_5, b_6, b_7, b_8, b_9.
34, 48. Bisections at I, II, VI, VII.
35. Bisections at I, II, III.
36. Bisections at V, VI, VII.
37. Bisections at b_3, b_4, b_5, b_6, b_7.

Notes.

20–22. Very faint.
23–25. Hazy.
26. Unsteady.
33. Very faint; clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
34	+ 7.2	+ 8.2	...	+ 15.4
35	+ 7.7	−16 17.4	...	−16 9.7
36	+ 7.7	+16 17.4	...	+16 25.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Boötis	9	11 16.21	+ 0.68	+ **0.01**	340 41 53.38	45.920	− 0.52	− 20.9	14 11	.....	+19 40 49.2	....
2	θ Boötis	9	21 54.26	+ 0.71	....	13 17 56.10	45.950	− 0.52	+ 14.2	14 21	.....	+52 17 27.7	....
3	ε Boötis	9	40 46.64	+ 0.69	+ **0.01**	348 29 53.48	44.985	− 0.52	− 12.1	14 40	.....	+27 28 36.4	....
4	ξ^2 Libræ	8	51 32.91	+ 0.63	[− **0.09**]	309 59 50.85	47.985	− 0.52	−1 11.2	14 51	.....	−11 1 16.4	....
5	ψ Boötis	9	0 18.78	+ 0.69	[**0.00**]	348 19 54.65	46.532	− 0.52	− 12.3	15 0	.....	+27 19 13.0	....
	January 21, Br.												
6	Sun S	.	.. ..	....	....	300 39 50.12	46.070	− 0.10	−1 38.5	20 9	.....	−20 22 27.8	....
7	Sun N	.	.. ..	....	....	301 11 50.02	47.405	− 0.10	−1 36.4	.. ..	.....	−19 49 55.1	....
8	α Ursæ Minoris	7	24 36.47	+ 1.17	....	49 47 52.00	45.246	+ 0.98	+1 8.8	1 24	.....	+88 48 2.6	....
9	τ Ceti	9	39 35.80	+ 0.54	+ **0.13**	304 35 47.85	44.712	+ 0.98	−1 23.9	1 39	.....	−16 26 45.6	....
10	β Arietis	9	49 19.79	+ 0.63	+ **0.13**	341 21 52.65	44.640	+ 0.98	− 19.6	1 49	.....	+20 20 22.0	....
	January 24, Br.												
11	Moon I, S	9	26 38.64	+ 0.58	+ 0.56	327 13 52.55	46.708	+ 5.52	− 38.4	1 26 39.78	+63.15	+ 6 12 55.0	....
12	τ Ceti	9	39 35.41	+ 0.51	[+ **0.51**]	304 35 53.05	44.448	+ 5.52	−1 26.6	1 39 36.48	.....	−16 26 44.3	....
13	χ Ceti	9	44 51.18	+ 0.53	+ 0.56	309 51 51.72	46.270	+ 5.52	−1 11.6	1 44 52.27	.....	−11 9 49.1	....
14	β Arietis	9	49 19.40	+ 0.60	+ **0.50**	341 21 54.72	44.390	+ 5.52	− 20.2	1 49 20.56	.....	+20 20 22.3	....
15	53 Cassiopeiæ	9	55 53.51	+ 0.71	+ 0.56	24 55 56.30	46.062	+ 5.52	+ 28.0	1 55 54.78	− 1.40	+63 55 50.2	−12.9
16	ν Fornacis	9	0 10.22	+ 0.46	+ 0.56	291 17 52.98	44.749	+ 5.52	−2 32.5	2 0 11.24	+ 0.10	−29 45 43.4	+17.0
17	15 Arietis	9	5 17.59	+ 0.61	+ 0.56	340 3 53.80	45.815	+ 5.52	− 21.7	2 5 18.76	− 0.49	+19 2 52.4	+ 1.2
18	θ Arietis	9	12 46.43	+ 0.61	+ 0.56	340 27 54.60	47.300	+ 5.52	− 21.3	2 12 47.60	− 0.54	+19 27 27.6	+ 1.3
19	ξ Arietis	9	19 39.57	+ 0.59	+ 0.56	331 11 54.28	45.362	+ 5.52	− 33.0	2 19 40.72	− 0.47	+10 10 31.3	+ 4.9
20	27 Arietis	9	25 34.29	+ 0.61	+ 0.56	338 17 54.80	45.572	+ 5.52	− 23.9	2 25 35.46	− 0.58	+17 16 45.7	+ 2.6
21	ν Ceti	9	30 49.52	+ 0.58	+ **0.49**	326 11 53.45	45.370	+ 5.52	− 40.2	2 30 50.66	.....	+ 5 10 23.2	....
22	118 H^1. Cassiopeiæ	9	36 34.33	+ 0.73	+ 0.56	28 25 56.28	44.345	+ 5.52	+ 32.7	2 36 35.62	− 2.11	+67 25 15.7	−11.9
23	39 Arietis	9	42 11.08	+ 0.63	+ 0.56	349 51 55.20	45.535	+ 5.52	− 10.7	2 42 12.27	− 0.83	+28 50 58.1	− 0.7
24	σ Arietis	9	46 10.99	+ 0.61	+ **0.52**	335 41 53.70	46.845	+ 5.52	− 27.1	2 46 12.16	.....	+14 41 10.2	....
25	2 H. Ursæ Minoris s. p.	9	56 0.38	+ 0.62	+ 0.55	74 37 56.92	47.073	+ 5.52	+3 37.8	14 56 1.55	+ 1.66	+66 18 36.1	+14.3
26	δ Arietis	9	6 7.95	+ 0.62	+ **0.54**	340 23 54.18	43.000	+ 5.52	− 21.4	3 6 9.12	.....	+19 21 48.8	....
27	τ^1 Arietis	9	15 40.72	+ 0.62	+ **0.55**	341 49 52.88	43.625	+ 5.52	− 19.8	3 15 41.89	.....	+20 48 3.4	....
28	γ^2 Ursæ Minoris s. p.	9	20 48.58	+ 0.57	+ 0.55	68 47 55.85	45.462	+ 5.52	+2 35.1	15 20 49.70	.....	+72 10 16.6	....
29	f Tauri	9	25 33.99	+ 0.61	+ **0.57**	333 37 53.42	44.958	+ 5.52	− 29.9	3 25 35.15	.....	+12 36 24.3	....
30	10 Tauri	9	31 58.09	+ 0.58	+ 0.55	321 7 52.72	43.918	+ 5.52	− 48.6	3 31 59.22	.....	+ 0 5 41.1	....
31	δ Eridani	9	38 38.62	+ 0.55	+ **0.55**	310 55 53.62	46.908	+ 5.52	−1 9.4	3 38 39.72	.....	−10 5 30.6	....
32	η Tauri	9	41 46.46	+ 0.63	+ **0.57**	344 49 53.00	44.618	+ 5.52	− 16.3	3 41 47.64	.....	+23 48 29.7	....
	January 24, M.												
33	α Ursæ Minoris s. p.	9	24 30.67	+ 3.34	+ 0.63	52 9 55.05	49.695	+ 4.96	+1 18.7	1 24 34.64	.....	+88 47 57.5	....
34	τ Boötis	9	42 41.06	+ 0.58	+ 0.63	338 57 54.25	43.565	+ 4.96	− 23.5	13 42 42.27	.....	+17 55 59.1	....
35	η Boötis	9	50 5.82	+ 0.58	+ **0.64**	339 53 53.12	45.202	+ 4.96	− 22.3	13 50 7.03	.....	+18 52 36.6	....
36	τ Virginis	9	56 44.74	+ 0.57	+ **0.64**	323 1 52.78	46.025	+ 4.96	− 46.0	13 56 45.94	.....	+ 2 0 31.4	....
37	π Hydræ	9	0 53.65	+ 0.50	+ 0.63	294 50	......	....	. ....	14 0 54.78	.....	−26 13	....
38	d Boötis	8	6 0.06	+ 0.58	+ **0.66**	346 33 54.22	44.900	+ 4.96	− 14.6	14 6 1.27	.....	+25 32 38.5	....
39	α Boötis	9	11 15.74	+ 0.58	+ **0.71**	340 41 55.48	45.608	+ 4.96	− 21.4	14 11 16.95	.....	+19 40 49.1	....
40	θ Boötis	9	21 53.84	+ 0.57	+ 0.63	13 17 55.95	45.688	+ 4.96	+ 14.6	14 21 55.04	.....	+52 17 27.3	....
41	5 Ursæ Minoris	9	27 39.38	+ 0.45	+ 0.63	37 7 56.62	43.432	+ 4.96	+ 46.5	14 27 40.46	.....	+76 7 8.3	....
42	33 Boötis	9	35 14.14	+ 0.58	+ 0.63	5 49 55.20	44.745	+ 4.96	+ 6.3	14 35 15.35	.....	+44 48 56.7	....
43	ε Boötis	9	40 46.22	+ 0.58	+ **0.67**	348 29 55.18	44.670	+ 4.96	− 12.4	14 40 47.43	.....	+27 28 36.4	....
44	α Libræ	9	45 33.04	+ 0.54	+ **0.60**	305 23 51.00	45.212	+ 4.96	−1 26.0	14 45 34.21	.....	−15 38 28.9	....
45	3 Serpentis	9	10 23.62	+ 0.57	+ 0.63	326 19 52.80	43.715	+ 4.96	− 40.8	15 10 24.82	.....	+ 5 17 43.8	....
46	η Coronæ Borealis	9	19 12.60	+ 0.58	+ 0.63	351 39 55.68	42.772	+ 4.96	− 8.9	15 19 13.81	.....	+30 37 57.0	....
47	β Coronæ Borealis	8	23 50.51	+ 0.58	[+ **0.71**]	350 25 55.10	48.475	+ 4.96	− 10.3	15 23 51.72	.....	+29 26 5.3	....
48	θ Coronæ Borealis	9	29 1.69	+ 0.58	+ 0.63	352 41 55.00	45.195	+ 4.96	− 7.8	15 29 2.90	+ 0.56	+31 40 52.8	+ 7.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 14 52	29.75	31.0	31.1
15 25	29.76	31.0	31.2
21 20 11	29.75	39.8	41.0
1 28	29.725	44.3	46.0
1 45	......	....	45.2
2 13	29.73	42.9	42.7
24 1 28	29.88	34.9	33.4
1 49	......	....	32.9
2 8	29.88	32.9	32.0
2 57	29.89	31.0	30.2
3 26	......	....	29.8
3 45	29.89	30.6	29.4
13 19	30.06	28.0	27.9
13 43	......	....	27.0
14 16	30.10	28.0	26.4
14 46	......	....	26.2
15 10	30.14	27.5	26.2
15 29	......	....	26.0

Micrometer bisections are made at II, VI, except as noted below.

2, 25, 28.	Bisections at III, IV, V.
3, 9, 21, 23, 24, 31.	Bisections at I, II.
6.	Bisections at I, II, III.
7.	Bisections at V, VI, VII.
8.	Bisections at b_1, b_2, b_3, b_4.
11.	Bisections at II, III, IV, V, VI.
15, 22, 41.	Bisections at III, V.
16.	Bisections at I, II, VI, VII.
33.	Bisections at b_3, b_4, b_5, b_6, b_7.

Notes.

2, 4, 5, 9.	Clouds.
8, 25, 33.	Unsteady.
28.	Unsteady; woolly.
47.	Micrometer reading increased 5 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 7.7	+16 16.3	...	+16 24.0
7	+ 7.6	−16 16.3	...	−16 8.7
11	+29 48.0	+15 9.2	...	+44 57.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	January 25, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	25 31.47	+ 0.53	+ 0.65	301 35 51.05	43.610	+ 5.27	−1 38.2	20 25 32.65	+69.05	−19 27 17.4	....
2	Sun II, N.	9	27 49.58	+ 0.53	+ 0.65	302 7 51.55	44.632	+ 5.27	−1 36.2	20 27 50.76	−69.06	−18 54 51.4	....
3	α Ursæ Minoris.	9	24 33.78	− 2.31	+ 0.67	49 47 58.00	44.594	+ 5.00	+1 11.8	1 24 32.14	.....	+88 48 1.5	....
4	χ Ceti.	9	44 51.02	+ 0.52	+ 0.67	309 51 52.45	46.232	+ 5.00	−1 12.5	1 44 52.21	.....	−11 9 50.6	....
5	β Arietis.	9	49 19.24	+ 0.56	**+ 0.69**	341 21 53.02	44.470	+ 5.00	− 20.4	1 49 20.47	.....	+20 20 21.7	....
6	α Arietis.	9	1 44.83	+ 0.56	**+ 0.69**	344 1 53.72	44.770	+ 5.00	− 17.4	2 1 46.06	.....	+23 0 32.2	....
7	ξ¹ Ceti.	9	7 53.78	+ 0.55	**+ 0.68**	329 25 53.18	43.478	+ 5.00	− 35.9	2 7 55.00	.....	+ 8 23 43.7	....
8	Moon I, S.	9	17 2.88	+ 0.56	+ 0.67	330 51 53.62	46.582	+ 5.00	− 33.9	2 17 4.11	+64.75	+ 9 50 56.9	....
9	ν Ceti.	9	30 49.36	+ 0.55	**+ 0.66**	326 11 52.40	45.395	+ 5.00	− 40.7	2 30 50.58	.....	+ 5 10 22.0	....
10	118 H¹. Cassiopeiæ.	9	36 34.21	+ 0.50	+ 0.67	28 25 56.20	44.355	+ 5.00	+ 33.1	2 36 35.38	− 2.06	+67 25 15.4	−11.9
11	39 Arietis.	9	42 10.93	+ 0.56	+ 0.67	349 51 55.55	45.495	+ 5.00	− 10.9	2 42 12.16	− 0.82	+28 50 57.1	− 0.7
12	σ Arietis.	9	46 10.86	+ 0.56	**+ 0.69**	335 41 53.68	46.820	+ 5.00	− 27.5	2 46 12.09	.....	+14 41 9.0	....
13	η Eridani.	9	51 43.53	+ 0.53	**+ 0.65**	311 45 52.42	42.955	+ 5.00	−1 8.3	2 51 44.73	.....	− 9 17 1.3	....
	January 25, Ei.-Y.												
14	λ Tauri.	9	55 21.43	+ 0.58	**+ 0.64**	333 13 53.28	46.715	+ 5.04	− 30.7	3 55 22.73	.....	+12 13 3.0	....
15	ν Tauri.	9	58 2.66	+ 0.58	**+ 0.65**	326 43 51.95	47.698	+ 5.04	− 39.9	3 58 3.96	.....	+ 5 43 15.0	....
16	B. D.+14°657.	8	2 15.65	+ 0.59	+ 0.72	335 55 53.05	44.550	+ 5.04	− 27.2	4 2 16.96	− 1.05	+14 54 16.8	+ 7.4
17	B. D.+14°682.	9	15 9.43	+ 0.59	+ 0.72	335 51 52.75	48.648	+ 5.04	− 27.2	4 15 10.74	− 1.11	+14 51 50.2	+ 7.8
18	B. D.+24°654.	9	17 42.07	+ 0.59	+ 0.72	345 11 54.32	45.535	+ 5.04	− 16.1	4 17 43.38	− 1.24	+24 10 51.7	+ 5.1
19	B. D.+15°625.	9	20 52.35	+ 0.58	+ 0.72	336 23 53.22	48.860	+ 5.04	− 26.5	4 20 53.65	− 1.14	+15 23 56.2	+ 7.9
20	B. D.+27°661.	9	23 23.97	+ 0.59	+ 0.72	348 11 54.72	47.092	+ 5.04	− 12.7	4 23 25.28	− 1.30	+27 11 31.0	+ 4.5
21	B. D.+15°640.	9	25 16.99	+ 0.59	+ 0.72	336 57 53.65	44.610	+ 5.04	− 25.9	4 25 18.30	− 1.17	+15 56 20.1	+ 7.9
22	B. D.+28°666.	9	28 37.49	+ 0.59	+ 0.72	349 45 54.20	47.248	+ 5.04	− 10.9	4 28 38.80	− 1.35	+28 45 35.9	+ 4.2
23	B. D.+26°730.	9	30 50.71	+ 0.59	+ 0.72	347 57 54.88	44.000	+ 5.04	− 13.0	4 30 52.02	− 1.33	+26 56 20.2	+ 4.9
24	B. D.+24°674.	9	33 31.80	+ 0.59	+ 0.72	346 3 54.10	42.250	+ 5.04	− 15.1	4 33 33.11	− 1.31	+25 1 37.4	+ 5.5
25	τ Tauri.	9	36 28.96	+ 0.59	**+ 0.68**	343 47 53.88	44.172	+ 5.04	− 17.7	4 36 30.27	.....	+22 46 18.5	....
26	B. D.+17°774.	9	37 25.94	+ 0.59	+ 0.72	338 9 53.95	42.610	+ 5.04	− 24.4	4 37 27.25	− 1.23	+17 7 36.4	+ 8.0
27	B. D.+23°747.	9	44 0.27	+ 0.59	+ 0.72	344 15 53.88	42.490	+ 5.04	− 17.2	4 44 1.58	− 1.33	+23 13 40.5	+ 6.5
28	B. D.+22°776.	9	50 20.54	+ 0.59	+ 0.72	343 27 53.20	41.772	+ 5.04	− 18.1	4 50 21.85	− 1.34	+22 25 22.6	+ 7.0
29	B. D.+22°800.	9	55 42.27	+ 0.59	+ 0.72	343 57 53.68	47.795	+ 5.04	− 17.5	4 55 43.58	− 1.37	+22 57 41.3	+ 7.1
30	B. D.+22°818.	9	59 50.04	+ 0.59	+ 0.72	343 57 53.40	42.435	+ 5.04	− 17.5	4 59 51.35	− 1.39	+22 55 38.5	+ 7.3
31	B. D.+24°755.	9	2 15.69	+ 0.59	+ 0.72	345 9 54.32	43.880	+ 5.04	− 16.1	5 2 17.00	− 1.41	+24 8 13.5	+ 7.0
32	B. D.+27°732.	9	3 43.51	+ 0.59	+ 0.72	348 53 54.85	49.540	+ 5.04	− 11.9	5 3 44.82	− 1.47	+27 54 27.9	+ 6.1
33	B. D.+15°759.	9	6 10.73	+ 0.59	+ 0.72	336 55 53.78	47.705	+ 5.04	− 25.9	5 6 12.04	− 1.33	+15 55 30.9	+ 9.3
34	B. D.+18°806.	9	10 12.12	+ 0.59	+ 0.72	339 31 53.08	47.960	+ 5.04	− 22.7	5 10 13.43	− 1.37	+18 31 39.0	+ 8.8
35	B. D.+28°772.	9	11 11.39	+ 0.58	+ 0.72	349 49 54.28	42.675	+ 5.04	− 10.9	5 11 12.69	− 1.51	+28 47 51.4	+ 6.2
36	B. D.+27°758.	9	14 57.81	+ 0.59	+ 0.72	348 51 55.12	47.110	+ 5.04	− 11.9	5 14 59.12	− 1.51	+27 51 32.6	+ 6.6
37	B. D.+18°831.	9	16 1.92	+ 0.59	+ 0.72	339 49 53.15	45.090	+ 5.04	− 22.4	5 16 3.23	− 1.39	+18 48 34.1	+ 8.9
38	B. D.+17°920.	9	18 49.36	+ 0.59	+ 0.72	338 17 54.00	47.675	+ 5.04	− 24.2	5 18 50.67	− 1.39	+17 17 32.2	+ 9.4
39	B. D.+27°771.	9	21 0.19	+ 0.59	+ 0.72	348 31 54.82	47.148	+ 5.04	− 12.3	5 21 1.50	− 1.52	+27 31 32.8	+ 7.0
40	B. D.+16°782.	9	22 37.26	+ 0.59	+ 0.72	337 21 52.35	47.608	+ 5.04	− 25.4	5 22 38.57	− 1.39	+16 21 27.8	+ 9.8
41	B. D.+18°875.	9	26 35.19	+ 0.59	+ 0.72	339 31 53.08	46.908	+ 5.04	− 22.7	5 26 36.50	− 1.42	+18 31 15.2	+ 9.4
42	B. D.+24°873.	9	30 4.98	+ 0.59	+ 0.72	345 41 53.85	46.080	+ 5.04	− 15.5	5 30 6.29	− 1.51	+24 41 4.2	+ 8.0
43	B. D.+29°947.	9	33 12.30	+ 0.59	+ 0.72	350 9 53.98	46.990	+ 5.04	− 10.5	5 33 13.61	− 1.58	+29 9 30.2	+ 7.1
44	B. D.+18°920.	9	36 49.95	+ 0.59	+ 0.72	339 57 54.58	44.345	+ 5.04	− 22.2	5 36 51.26	− 1.46	+18 56 18.7	+ 9.6
45	B. D.+20°1093.	9	41 4.19	+ 0.59	+ 0.72	341 9 52.70	43.668	+ 5.04	− 20.8	5 41 5.50	− 1.48	+20 8 2.7	+ 9.5
46	B. D.+24°970.	9	43 7.69	+ 0.59	+ 0.72	345 33 53.70	43.330	+ 5.04	− 15.7	5 43 9.00	− 1.54	+24 32 1.0	+ 8.6
47	B. D.+27°899.	9	47 17.92	+ 0.59	+ 0.72	348 35 55.02	46.480	+ 5.04	− 12.2	5 47 19.23	− 1.59	+27 35 17.9	+ 8.1
48	B. D.+28°952.	9	50 28.16	+ 0.59	+ 0.72	349 55 53.72	47.062	+ 5.04	− 10.8	5 50 29.47	− 1.62	+28 55 31.2	+ 8.0
49	B. D.+22°1135.	9	54 39.28	+ 0.59	+ 0.72	343 55 53.70	42.110	+ 5.04	− 17.5	5 54 40.59	− 1.55	+22 53 31.4	+ 9.4
50	1 Geminorum.	9	58 17.36	+ 0.59	**+ 0.73**	344 17 54.12	43.298	+ 5.04	− 17.1	5 58 18.67	.....	+23 15 59.3	....
51	ν Orionis.	9	2 5.65	+ 0.58	**+ 0.74**	335 47 53.70	45.488	+ 5.04	− 27.4	6 2 6.95	.....	+14 46 38.7	....
52	η Geminorum.	9	9 5.26	+ 0.59	**+ 0.76**	343 33 53.20	43.255	+ 5.04	− 18.0	6 9 6.57	.....	+22 31 56.5	....
53	Neptune C, C.	9	16 12.89	+ 0.59	+ 0.72	343 19 53.38	46.524	+ 5.04	− 18.2	6 16 14.20	.....	+22 19 11.2	....
54	B. D.+24°1611.	9	13 2.37	+ 0.59	+ 0.72	345 17 54.48	46.868	+ 5.04	− 15.9	7 13 3.68	− 1.67	+24 17 22.5	+11.8
55	δ Geminorum.	9	14 23.75	+ 0.60	**+ 0.79**	343 9 51.92	47.105	+ 5.04	− 18.4	7 14 25.07	.....	+22 9 22.9	....
56	ι Geminorum.	9	19 46.36	+ 0.59	**+ 0.72**	348 59 54.40	46.172	+ 5.04	− 11.8	7 19 47.67	.....	+27 59 10.6	....
57	B. D.+21°1602.	9	22 2.87	+ 0.60	+ 0.72	342 39 53.82	44.260	+ 5.04	− 19.0	7 22 4.19	− 1.65	+21 38 19.1	+12.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 20 28	30.195	34.5	32.2
1 23	30.14	32.9	32.0
2 2	......	....	31.0
2 31	30.23	31.3	30.4
2 52	......	....	29.8
3 54	30.125	29.5	29.1
4 19	......	....	28.9
4 45	30.12	28.9	28.2
5 8	......	....	28.0
5 31	30.115	28.8	28.0
5 56	......	....	28.0
6 18	30.10	28.9	28.1
7 11	30.085	28.5	28.0

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at II, III.
2. Bisections at V, VI, VII.
3. Bisections at b_3, b_4, b_5, b_6, b_7.
8. Bisections at II, IV, V, VI.
26. Bisections at VI, VII.
31, 34. Bisections at I, II.
53. Bisections at I, II, VI, VII.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 7.6	+16 13.0	...	+16 20.6
2	+ 7.5	−16 12.9	...	−16 5.4
8	+27 8.8	+15 21.8	...	+42 30.6
53	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+20°1822	9	24 45.18	+ 0.59	+ 0.72	341 1 53.90	45.632	+ 5.04	− 20.9	7 24 46.49	− 1.64	+20 0 48.7	+12.5
2	B. D.+15°1598	9	27 56.64	+ 0.60	+ 0.72	336 51 54.68	45.075	+ 5.04	− 26.0	7 27 57.96	− 1.62	+15 50 31.6	+13.0
3	B. D.+16°1531	9	33 26.56	+ 0.60	+ 0.72	337 19 52.75	45.530	+ 5.04	− 25.4	7 33 27.88	− 1.62	+16 18 40.7	+13.0
4	B. D.+22°1756	9	37 39.55	+ 0.59	+ 0.72	343 37 54.45	46.970	+ 5.04	− 17.8	7 37 40.86	− 1.65	+22 37 22.9	+12.6
5	B. D.+18°1733	9	40 34.37	+ 0.60	+ 0.72	339 45 54.25	44.810	+ 5.04	− 22.4	7 40 35.69	− 1.63	+18 44 28.8	+12.9
6	B. D.+19°1854	9	46 22.15	+ 0.59	+ 0.72	340 35 53.62	43.740	+ 5.04	− 21.4	7 46 23.46	− 1.63	+19 34 4.7	+13.0
7	B. D.+25°1794	9	50 14.71	+ 0.60	+ 0.72	345 55 54.20	45.728	+ 5.04	− 15.2	7 50 16.03	− 1.67	+24 54 56.9	+12.7
8	B. D.+18°1816	9	55 9.54	+ 0.60	+ 0.72	339 31 53.58	44.470	+ 5.04	− 22.7	7 55 10.86	− 1.62	+18 30 20.0	+13.2
9	χ Geminorum	9	57 37.81	+ 0.59	+ **0.76**	349 3 54.65	47.390	+ 5.04	− 11.7	7 57 39.12	.....	+28 3 38.8	....
10	B. D.+22°1854	9	0 54.77	+ 0.59	+ 0.72	343 45 53.62	42.758	+ 5.04	− 17.7	8 0 56.08	− 1.64	+22 43 45.9	+13.1
11	B. D.+16°1642	9	2 40.21	+ 0.60	+ 0.72	337 43 52.82	42.270	+ 5.04	− 24.9	8 2 41.53	− 1.61	+16 41 26.8	+13.4
12	ζ Cancri	9	6 42.76	+ 0.60	+ 0.72	338 57 53.52	43.752	+ 5.04	− 23.4	8 6 44.08	.....	+17 56 2.8	....
13	B. D.+16°1679	9	12 49.63	+ 0.60	+ 0.72	336 59 52.48	44.720	+ 5.04	− 25.8	8 12 50.95	− 1.60	+15 58 21.5	+13.5
14	B. D.+23°1939	9	16 11.48	+ 0.60	+ 0.72	344 17 53.98	41.380	+ 5.04	− 17.1	8 16 12.80	− 1.63	+23 15 15.4	+13.4
15	B. D.+17°1836	9	19 18.01	+ 0.60	+ 0.72	338 31 52.52	42.445	+ 5.04	− 23.9	8 19 19.33	− 1.60	+17 29 31.5	+13.5
16	B. D.+16°1729	9	22 27.81	+ 0.60	+ 0.72	337 21 53.28	45.875	+ 5.04	− 25.4	8 22 29.13	− 1.60	+16 20 49.1	+13.5
17	η Cancri	9	27 9.83	+ 0.60	+ **0.73**	341 47 53.10	43.130	+ 5.04	− 20.0	8 27 11.15	.....	+20 45 51.6	....
18	B. D.+22°1962	8	31 4.04	+ 0.60	+ 0.72	343 31 52.90	43.838	+ 5.04	− 18.0	8 31 5.36	− 1.60	+22 30 9.6	+13.6
19	B. D.+20°2149	9	34 12.11	+ 0.59	+ 0.72	341 7 54.12	45.628	+ 5.04	− 20.8	8 34 13.42	− 1.59	+20 6 48.6	+13.6
20	B. D.+14°1946	9	35 16.09	+ 0.59	+ 0.72	335 43 53.42	46.235	+ 5.04	− 27.4	8 35 17.40	− 1.58	+14 42 55.5	+13.6
21	B. D.+10°1864	9	39 32.81	+ 0.59	+ 0.72	331 27 52.55	42.950	+ 5.04	− 33.1	8 39 34.12	− 1.58	+10 25 33.9	+13.5
22	B. D.+17°1941	9	42 41.09	+ 0.60	+ 0.72	338 45 53.62	45.512	+ 5.04	− 23.6	8 42 42.41	− 1.57	+17 44 42.9	+13.6
23	B. D.+20°2232	9	48 26.22	+ 0.59	+ 0.72	341 21 54.05	42.485	+ 5.04	− 20.5	8 48 27.53	− 1.57	+20 19 37.3	+13.8
24	B. D.+19°2131	9	52 27.94	+ 0.59	+ 0.72	340 39 53.12	46.202	+ 5.04	− 21.3	8 52 29.25	− 1.56	+19 39 0.5	+13.8
25	B. D.+15°1962	9	56 43.79	+ 0.60	+ 0.72	335 59 53.22	44.708	+ 5.04	− 27.1	8 56 45.11	− 1.54	+14 58 20.7	+13.6
26	B. D.+17°2004	9	0 22.58	+ 0.60	+ 0.72	338 47 53.85	44.145	+ 5.04	− 23.6	9 0 23.90	− 1.54	+17 46 11.9	+13.7
27	B. D.+15°1984	9	2 50.22	+ 0.60	+ 0.72	336 7 53.02	43.045	+ 5.04	− 26.9	9 2 51.54	− 1.53	+15 5 42.7	+13.6
28	B. D.+13°2051	9	6 10.71	+ 0.59	+ 0.72	334 17 52.95	45.968	+ 5.04	− 29.3	9 6 12.02	− 1.53	+13 16 47.0	+13.5
29	B. D.+16°1930	9	9 38.07	+ 0.60	+ 0.72	337 23 52.68	48.862	+ 5.04	− 25.3	9 9 39.39	− 1.52	+16 23 56.9	+13.7
30	B. D.+12°2009	9	12 39.12	+ 0.59	+ 0.72	332 55 51.60	44.050	+ 5.04	− 31.1	9 12 40.43	− 1.52	+11 54 0.0	+13.3
31	B. D.+19°2201	9	16 24.32	+ 0.60	+ 0.72	340 9 53.80	46.780	+ 5.04	− 21.9	9 16 25.64	− 1.50	+19 9 13.8	+13.8
32	B. D.+17°2078	9	20 13.68	+ 0.60	+ 0.72	338 1 53.82	43.095	+ 5.04	− 24.6	9 20 15.00	− 1.49	+16 59 46.9	+13.7
33	B. D.+18°2207	9	24 12.58	+ 0.60	+ 0.72	339 3 53.55	49.092	+ 5.04	− 23.2	9 24 13.90	− 1.48	+18 4 5.1	+13.8
34	ξ Leonis	9	26 46.56	+ 0.59	+ **0.72**	332 43 52.52	47.435	+ 5.04	− 31.4	9 26 47.87	.....	+11 43 18.0	....
35	ο Leonis	9	36 1.89	+ 0.59	+ **0.71**	331 19 52.18	48.188	+ 5.04	− 33.3	9 36 3.20	.....	+10 19 33.0	....
	January 26, R.												
36	Venus II, S	9	45 33.11	+ 0.61	+ 0.74	299 17 51.88	47.351	+ 5.22	−1 50.3	17 45 34.46	− 0.55	−21 44 3.2	....
	January 27, R.												
37	Sun I, N	9	33 51.82	+ 0.61	+ 0.75	302 35 52.58	49.143	+ 4.98	−1 36.2	20 33 53.18	+68.94	−18 25 7.7	....
38	Sun II, S	9	36 9.71	+ 0.61	+ 0.75	302 3 52.65	47.895	+ 4.98	−1 38.2	20 36 11.07	−68.95	−18 57 38.1	....
39	α Piscium (*brighter*)	9	57 3.59	+ 0.62	+ 0.77	323 19 53.95	44.330	+ 5.06	− 46.0	1 57 4.98	− 0.22	+ 2 17 53.9	+ 7.0
40	67 Ceti	9	12 10.54	+ 0.61	+ **0.73**	314 9 52.62	45.358	+ 5.06	−1 3.6	2 12 11.92	.....	− 6 52 1.5	....
41	ξ Arietis	9	19 39.24	+ 0.63	+ 0.77	331 11 52.38	45.412	+ 5.06	− 34.0	2 19 40.64	− 0.43	+10 10 29.1	+ 5.1
42	ξ^2 Ceti	9	23 2.26	+ 0.63	+ **0.75**	329 3 53.95	43.450	+ 5.06	− 37.0	2 23 3.66	.....	+ 8 1 42.8	....
43	ν Ceti	9	30 49.14	+ 0.63	+ **0.77**	326 11 51.72	45.462	+ 5.06	− 41.4	2 30 50.54	.....	+ 5 10 22.2	....
44	δ Ceti	9	34 32.66	+ 0.62	+ **0.81**	320 55 51.60	46.802	+ 5.06	− 50.2	2 34 34.05	.....	− 0 5 16.1	....
45	μ Ceti	9	39 44.19	+ 0.63	+ **0.79**	330 43 52.98	45.340	+ 5.06	− 34.7	2 39 45.59	.....	+ 9 42 27.3	....
46	σ Arietis	9	46 10.67	+ 0.64	+ **0.77**	335 41 52.25	46.900	+ 5.06	− 27.9	2 46 12.08	.....	+14 41 9.0	....
47	η Eridani	9	51 43.26	+ 0.60	+ **0.82**	311 45 51.35	43.082	+ 5.06	−1 9.3	2 51 44.63	.....	− 9 17 0.4	....
	January 27, Ei.-Y.												
48	λ Tauri	9	55 21.23	+ 0.65	+ **0.75**	333 13 52.25	46.772	+ 5.10	− 31.2	3 55 22.71	.....	+12 13 2.9	....
49	ν Tauri	9	58 2.41	+ 0.65	+ **0.81**	326 43 52.58	47.705	+ 5.10	− 40.6	3 58 3.89	.....	+ 5 43 15.1	....
50	Moon I, S	9	6 43.71	+ 0.68	+ 0.83	336 37 53.25	44.990	+ 5.10	− 26.8	4 6 45.22	+68.84	+15 36 27.6	....
51	B. D.+21°623	9	13 55.33	+ 0.66	+ 0.83	342 33 53.65	44.610	+ 5.10	− 19.5	4 13 56.82	− 1.16	+21 32 26.2	+ 5.8
52	B. D.+18°624	9	14 49.99	+ 0.66	+ 0.83	339 31 54.00	45.358	+ 5.10	− 23.1	4 14 51.48	− 1.13	+18 30 40.4	+ 6.8
53	B. D.+23°684	9	18 12.08	+ 0.66	+ 0.83	345 5 54.50	44.885	+ 5.10	− 16.5	4 18 13.57	− 1.21	+24 4 36.4	+ 5.2
54	B. D.+25°710	9	19 19.05	+ 0.66	+ 0.83	346 31 55.22	47.568	+ 5.10	− 14.8	4 19 20.54	− 1.24	+25 31 40.4	+ 4.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 7 35	......	....	28.0
7 59	30.065	28.0	27.9
8 24	......	....	27.8
8 50	30.050	27.9	27.7
9 14	......	....	27.4
9 38	30.035	27.4	27.3
26 17 46	30.05	19.8	18.2
27 20 36	30.06	23.3	21.3
1 57	30.11	23.5	22.0
2 27	......	....	21.7
2 51	30.13	22.0	21.3
3 53	30.145	21.0	20.8

Micrometer bisections are made at II, VI, except as noted below.

19, 51, 53. Bisections at I, II.
36. Bisections at I, II, VI, VII.
37. Bisections at I, II, III.
38. Bisections at V, VI, VII.
49. Bisections at II, VII.
50. Bisections at II, III, IV, V, VI.

Notes.

4. Micrometer reading decreased 1 rev.
12. Mean of close double observed.
19. Woolly.
20–35. Conditions rather poor.
24. One microscope reading increased 10″.
39. Assumed that brighter was observed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
36	+ 6.9	+ 7.7	...	+ 14.6
37	+ 7.5	−16 15.2	...	−16 7.7
38	+ 7.5	+16 15.2	...	+16 22.7
50	+22 49.0	+15 52.8	...	+38 41.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+22°699	9	21 32.66	+ 0.66	+ 0.83	343 47 53.30	45.345	+ 5.10	− 18.0	4 21 34.15	− 1.21	+22 46 44.7	+ 5.7
2	B. D.+15°631	9	23 5.03	+ 0.66	+ 0.83	336 45 53.72	45.998	+ 5.10	− 26.6	4 23 6.52	− 1.13	+15 44 51.5	+ 8.0
3	B. D.+23°701	9	24 35.78	+ 0.66	+ 0.83	344 23 53.68	45.095	+ 5.10	− 17.3	4 24 37.27	− 1.23	+23 22 40.1	+ 5.7
4	ρ Tauri	9	28 23.61	+ 0.66	+ 0.83	335 39 52.82	45.065	+ 5.10	− 28.1	4 28 25.10	− 1.14	+14 38 27.5	+ 8.5
5	B. D.+23°715	9	30 41.88	+ 0.66	+ 0.83	344 9 53.90	45.052	+ 5.10	− 17.6	4 30 43.37	− 1.25	+23 8 38.8	+ 6.0
6	B. D.+17°762	9	34 19.32	+ 0.66	+ 0.83	338 17 53.82	48.685	+ 5.10	− 24.7	4 34 20.81	− 1.20	+17 17 54.6	+ 7.9
7	B. D.+18°684	9	37 15.08	+ 0.66	+ 0.83	339 33 54.25	44.382	+ 5.10	− 23.1	4 37 16.57	− 1.22	+18 32 18.3	+ 7.7
8	11 Orionis	9	59 4.78	+ 0.66	**+ 0.82**	336 17 55.32	43.990	+ 5.10	− 27.3	4 59 6.27	.....	+15 16 6.2	....
9	B. D.+16°697	9	1 28.34	+ 0.66	+ 0.83	337 41 53.45	48.660	+ 5.10	− 25.4	5 1 29.83	− 1.30	+16 41 53.0	+ 9.1
10	B. D.+25°818	9	14 23.87	+ 0.66	+ 0.83	346 3 54.35	49.178	+ 5.10	− 15.4	5 14 25.36	− 1.45	+25 4 15.7	+ 7.3
11	B. D.+31°954	9	18 27.14	+ 0.66	+ 0.83	352 9 54.52	42.965	+ 5.10	− 8.5	5 18 28.63	− 1.55	+31 8 0.8	+ 6.0
12	B. D.+16°775	9	20 32.71	+ 0.66	+ 0.83	337 37 53.08	45.785	+ 5.10	− 25.6	5 20 34.20	− 1.37	+16 36 46.7	+ 9.7
13	B. D.+17°931	8	22 27.12	+ 0.66	+ 0.84	338 9 52.78	47.502	+ 5.10	− 24.9	5 22 28.62	− 1.38	+17 9 26.4	+ 9.7
14	B. D.+18°877	9	27 53.98	+ 0.66	+ 0.84	339 29 52.38	44.172	+ 5.10	− 23.3	5 27 55.48	− 1.41	+18 28 11.5	+ 9.5
15	B. D.+26°870(*mean*)	9	31 9.14	+ 0.66	+ 0.84	347 51 54.68	47.852	+ 5.10	− 13.3	5 31 10.64	− 1.52	+26 51 47.8	+ 7.6
16	B. D.+30°963	9	32 28.33	+ 0.66	+ 0.84	351 27 56.40	43.068	+ 5.10	− 9.3	5 32 29.83	− 1.58	+30 26 4.2	+ 6.8
17	B. D.+19°1014	9	35 30.06	+ 0.66	+ 0.84	341 1 53.80	45.120	+ 5.10	− 21.4	5 35 31.56	− 1.45	+20 0 36.4	+ 9.4
18	B. D.+23°1015	9	37 29.74	+ 0.66	+ 0.84	344 9 53.42	47.110	+ 5.10	− 17.6	5 37 31.24	− 1.49	+23 9 25.3	+ 8.7
19	B. D.+22°1031	9	41 27.12	+ 0.66	+ 0.84	343 31 53.98	41.950	+ 5.10	− 18.4	5 41 28.62	− 1.49	+22 29 27.2	+ 9.0
20	B. D.+19°1089	9	44 28.98	+ 0.66	+ 0.84	340 9 53.60	43.730	+ 5.10	− 22.4	5 44 30.48	− 1.47	+19 8 3.5	+ 9.9
21	B. D.+25°1020	9	47 35.41	+ 0.66	+ 0.84	346 3 54.95	45.772	+ 5.10	− 15.4	5 47 36.91	− 1.54	+25 2 58.5	+ 8.7
22	B. D.+24°1033	9	51 3.43	+ 0.66	+ 0.84	345 15 54.72	43.322	+ 5.10	− 16.4	5 51 4.93	− 1.54	+24 14 0.9	+ 9.0
23	139 Tauri	9	52 2.38	+ 0.66	+ 0.84	346 57 54.20	44.305	+ 5.10	− 14.4	5 52 3.88	− 1.57	+25 56 25.2	+ 8.7
24	B. D.+22°1140	9	55 53.86	+ 0.66	+ 0.84	343 25 53.95	42.810	+ 5.10	− 18.5	5 55 55.36	− 1.53	+22 23 46.7	+ 9.6
25	B. D.+25°1100	9	58 16.06	+ 0.66	+ 0.84	346 27 54.78	45.180	+ 5.10	− 15.0	5 58 17.56	− 1.58	+25 26 44.9	+ 8.6
26	B. D.+24°1086	9	59 16.36	+ 0.66	+ 0.84	345 21 54.78	45.578	+ 5.10	− 16.2	5 59 17.86	− 1.56	+24 20 53.1	+ 9.3
27	B. D.+27°994	9	1 57.37	+ 0.66	+ 0.84	348 27 55.18	44.220	+ 5.10	− 12.7	6 1 58.87	− 1.61	+27 26 25.9	+ 8.8
28	B. D.+18°1112	9	5 24.77	+ 0.66	+ 0.84	339 9 54.08	45.795	+ 5.10	− 23.7	6 5 26.27	− 1.51	+18 8 49.6	+10.8
29	B. D.+16°1035	9	6 31.18	+ 0.66	+ 0.84	337 9 53.15	46.365	+ 5.10	− 26.2	6 6 32.68	− 1.50	+16 8 59.5	+11.3
30	B. D.+27°1036	9	9 52.08	+ 0.66	+ 0.84	348 53 54.98	46.830	+ 5.10	− 12.2	6 9 53.58	− 1.63	+27 53 25.9	+ 9.0
31	B. D.+23°1293	9	13 3.53	+ 0.66	+ 0.84	344 39 54.20	44.110	+ 5.10	− 17.1	6 13 5.03	− 1.59	+23 38 18.0	+10.0
32	Neptune C, C.	9	16 0.77	+ 0.66	+ 0.84	343 19 54.18	46.896	+ 5.10	− 18.6	6 16 2.27	.....	+22 19 20.2	....
33	8 Monocerotis	9	18 40.88	+ 0.64	**+ 0.85**	325 39 53.22	45.308	+ 5.10	− 42.5	6 18 42.36	.....	+ 4 38 19.1	....
34	ν Geminorum	9	23 15.93	+ 0.66	**+ 0.78**	341 17 54.80	44.102	+ 5.10	− 21.1	6 23 17.43	.....	+20 16 14.5	....
35	λ Geminorum	9	12 34.74	+ 0.66	**+ 0.85**	337 44	......	....	. ....	7 12 36.24	.....	+16 42	....
36	δ Geminorum	9	14 23.54	+ 0.66	**+ 0.94**	343 10	......	....	. ....	7 14 25.04	.....	+22 9	....
	January 27, Br.												
37	α Ursæ Minoris s. P.	8	24 27.20	+ 4.58	+ 0.68	52 11 55.60	44.315	+ 5.08	+1 21.2	1 24 32.46	.....	+88 47 57.1	....
38	τ Virginis	6	56 44.69	+ 0.69	**+ 0.67**	323 1 54.32	45.995	+ 5.08	− 47.3	13 56 46.06	.....	+ 2 0 31.3	....
39	*d* Boötis	9	5 59.99	+ 0.70	**+ 0.71**	346 33 54.35	44.875	+ 5.08	− 15.0	14 6 1.37	.....	+25 32 37.7	....
40	α Boötis	9	11 15.75	+ 0.70	**+ 0.68**	340 41 53.42	45.732	+ 5.08	− 22.0	14 11 17.13	.....	+19 40 49.4	....
41	*f* Boötis	9	21 58.17	+ 0.70	**+ 0.67**	340 39 52.72	47.270	+ 5.08	− 22.0	14 21 59.55	.....	+19 39 23.9	....
42	5 Ursæ Minoris	5	27 39.86	+ 0.50	+ 0.68	37 7 55.12	43.390	+ 5.08	+ 47.8	14 27 41.04	.....	+76 7 7.5	....
43	μ Virginis	9	37 58.92	+ 0.68	**+ 0.68**	315 47 52.72	44.195	+ 5.08	−1 1.2	14 38 0.28	.....	− 5 14 25.8	....
44	ε Boötis	9	40 46.19	+ 0.70	**+ 0.68**	348 29 55.00	44.665	+ 5.08	− 12.8	14 40 47.57	.....	+27 28 36.0	....
45	α Libræ	9	45 32.94	+ 0.66	**+ 0.67**	305 23 50.05	45.358	+ 5.08	−1 28.4	14 45 34.28	.....	−15 38 28.8	....
46	ψ Boötis	9	0 18.31	+ 0.70	**+ 0.70**	348 19 54.70	46.258	+ 5.08	− 12.9	15 0 19.69	.....	+27 19 11.8	....
47	ι Libræ	9	6 43.73	+ 0.65	**+ 0.67**	301 35 50.90	48.275	+ 5.08	−1 41.9	15 6 45.06	.....	+19 25 35.0	....
48	β Libræ	9	11 49.12	+ 0.68	**+ 0.70**	311 59 51.52	46.625	+ 5.08	−1 9.7	15 11 50.48	.....	− 9 1 39.7	....
	January 30, R.												
49	Sun I, S.	9	46 16.38	+ 0.73	+ 0.76	302 51 50.45	45.355	+ 4.67	−1 34.2	20 46 17.87	+68.53	−18 10 34.7	....
50	Sun II, N.	9	48 33.43	+ 0.73	+ 0.76	303 23 49.70	46.642	+ 4.67	−1 32.3	20 48 34.92	−68.52	−17 38 4.1	....
51	67 Ceti	9	12 10.42	+ 0.67	**[+ 0.75]**	314 9 50.35	45.390	+ 4.62	−1 2.2	2 12 11.85	.....	− 6 52 1.8	....
52	ξ Arietis	9	19 39.14	+ 0.69	+ 0.76	331 11 51.35	45.470	+ 4.62	− 33.3	2 19 40.59	− 0.38	+10 10 29.6	+ 5.3
53	27 Arietis	9	25 33.79	+ 0.70	+ 0.76	338 17 52.65	45.660	+ 4.62	− 24.1	2 25 35.25	− 0.50	+17 16 44.4	+ 2.9
54	ν Ceti	9	30 49.07	+ 0.69	**+ 0.74**	326 11 49.72	45.535	+ 4.62	− 40.5	2 30 50.52	.....	+ 5 10 22.3	....
55	δ Ceti	9	34 32.59	+ 0.68	**+ 0.78**	320 55 51.32	46.795	+ 4.62	− 49.1	2 34 34.03	.....	− 0 5 15.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 4 38	30.155	20.0	20.1
5 4	....	.....	20.2
5 29	30.165	19.0	19.5
5 54	....	.....	19.1
6 24	30.175	18.5	19.1
13 23	30.22	16.2	15.7
13 57	30.235	16.1	15.5
14 29	....	.....	15.3
15 0	....	.....	15.7
15 12	30.25	16.3	15.8
30 20 49	29.89	26.0	24.2
2 12	29.87	29.2	27.9

Micrometer bisections are made at II, VI, except as noted below.

1–3, 38, 44, 50, 51.	Bisections at VI, VII.
22, 25, 28, 43, 47.	Bisections at I, II.
29.	Bisections at II, VII.
32.	Bisections at I, II, VI, VII.
37.	Bisections at b_4, b_5, b_6, b_7, b_8.
42.	Bisections at b_8, b_9.
49.	Bisections at I, II, III

Notes.

37–48.	Clouds.
41.	Micrometer reading increased 4 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	″
32	+ 0.1	.. ....	...	+ 0.1
49	+ 7.5	+16 15.2	...	+16 22.7
50	+ 7.4	−16 15.3	...	−16 7.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Ceti	9	38 18.54	+ 0.68	+ **0.73**	323 51 51.30	44.038	+ 4.62	− 44.2	2 38 19.98	.....	+ 2 49 46.0	....
2	41 Arietis	9	44 19.13	+ 0.69	+ **0.76**	347 53 51.60	43.082	+ 4.62	− 13.0	2 44 20.58	.....	+26 51 55.6	....
3	η Eridani	9	51 43.19	+ 0.67	+ **0.77**	311 45 50.15	43.072	+ 4.62	−1 7.9	2 51 44.62	.....	− 9 17 0.9	....
4	α Ceti	9	57 14.73	+ 0.69	+ **0.73**	324 43 50.70	46.380	+ 4.62	− 42.9	2 57 16.18	.....	+ 3 42 40.2	....
	January 30, Ei.-Y.												
5	λ Tauri	9	55 21.09	+ 0.69	+ **0.81**	333 13 50.88	46.818	+ 4.43	− 30.6	3 55 22.59	.....	+12 13 2.5	....
6	ν Tauri	9	58 2.32	+ 0.68	+ **0.83**	326 43 50.60	47.768	+ 4.43	− 39.9	3 58 3.81	.....	+ 5 43 14.6	....
7	B. D.+21°618	9	12 41.89	+ 0.69	+ 0.81	342 21 51.72	45.172	+ 4.43	− 19.3	4 12 43.39	− 1.11	+21 20 37.2	+ 5.8
8	B. D.+13°663	9	14 32.83	+ 0.69	+ 0.81	334 49 51.42	44.285	+ 4.43	− 28.6	4 14 34.33	− 1.04	+13 48 7.1	+ 8.4
9	B. D.+13°668	9	16 38.46	+ 0.69	+ 0.81	334 51 51.48	46.355	+ 4.43	− 28.5	4 16 39.96	− 1.05	+13 50 54.6	+ 8.4
10	B. D.+25°710	9	19 19.08	+ 0.68	+ 0.81	346 31 53.15	47.665	+ 4.43	− 14.5	4 19 20.57	− 1.20	+25 31 40.2	+ 4.8
11	B. D.+22°699	9	21 32.65	+ 0.69	+ 0.81	343 47 52.35	45.405	+ 4.43	− 17.7	4 21 34.15	− 1.17	+22 46 44.5	+ 5.7
12	B. D.+15°631	9	23 5.02	+ 0.69	+ 0.81	336 45 52.18	46.070	+ 4.43	− 26.1	4 23 6.52	− 1.10	+15 44 51.2	+ 8.0
13	B. D.+23°701	9	24 35.79	+ 0.69	+ 0.81	344 23 53.22	45.130	+ 4.43	− 17.0	4 24 37.29	− 1.19	+23 22 39.8	+ 5.7
14	B. D.+27°673	9	31 10.97	+ 0.68	+ 0.81	348 43 53.48	47.858	+ 4.43	− 12.1	4 31 12.46	− 1.28	+27 43 47.3	+ 4.6
15	B. D.+17°762	9	34 19.34	+ 0.69	+ 0.81	338 17 52.78	48.730	+ 4.43	− 24.2	4 34 20.84	− 1.16	+17 17 54.5	+ 8.0
16	B. D.+23°733	9	37 24.71	+ 0.69	+ 0.81	344 55 51.58	44.405	+ 4.43	− 16.4	4 37 26.21	− 1.26	+23 54 22.2	+ 6.1
17	B. D.+29°869	8	15 6.24	+ 0.68	+ 0.81	350 27 53.32	49.120	+ 4.43	− 10.2	5 15 7.73	− 1.49	+29 28 17.9	+ 6.1
18	B. D.+31°955	9	18 27.36	+ 0.68	+ 0.81	352 3 52.95	46.120	+ 4.43	− 8.4	5 18 28.85	− 1.52	+31 3 10.7	+ 5.8
19	B. D.+17°928	9	21 33.94	+ 0.69	+ 0.81	338 53 51.65	45.468	+ 4.43	− 23.5	5 21 35.44	− 1.36	+17 52 39.5	+ 9.5
20	B. D.+21°865	9	24 23.09	+ 0.69	+ 0.81	342 19 51.82	43.970	+ 4.43	− 19.4	5 24 24.59	− 1.41	+21 18 9.5	+ 8.7
21	B. D.+18°877	9	27 53.99	+ 0.69	+ 0.81	339 29 51.42	44.188	+ 4.43	− 22.8	5 27 55.49	− 1.39	+18 28 10.7	+ 9.6
22	B. D.+26°870 (*mean*)	9	31 9.13	+ 0.68	+ 0.81	347 51 53.50	47.905	+ 4.43	− 13.1	5 31 10.62	− 1.50	+26 51 47.4	+ 7.5
23	B. D.+25°902	9	33 47.23	+ 0.68	+ 0.81	346 51 53.25	44.608	+ 4.43	− 14.2	5 33 48.72	− 1.50	+25 50 30.7	+ 7.9
24	B. D.+19°1014	9	35 30.04	+ 0.69	+ 0.81	341 1 51.55	45.210	+ 4.43	− 21.0	5 35 31.54	− 1.43	+20 0 36.0	+ 9.4
25	B. D.+23°1015	9	37 29.73	+ 0.69	+ 0.81	344 9 51.70	47.180	+ 4.43	− 17.3	5 37 31.23	− 1.47	+23 9 24.8	+ 8.7
26	B. D.+22°1031	9	41 27.03	+ 0.69	+ 0.81	343 31 51.90	42.052	+ 4.43	− 18.1	5 41 28.53	− 1.48	+22 29 27.0	+ 9.0
27	B. D.+19°1089	9	44 28.91	+ 0.69	+ 0.81	340 9 51.28	43.830	+ 4.43	− 22.0	5 44 30.41	− 1.45	+19 8 3.2	+10.0
28	B. D.+25°1020	9	47 35.39	+ 0.68	+ 0.81	346 3 52.05	45.920	+ 4.43	− 15.1	5 47 36.88	− 1.53	+25 2 58.6	+ 8.6
29	139 Tauri	8	52 2.31	+ 0.68	+ 0.81	346 57 52.58	44.380	+ 4.43	− 14.1	5 52 3.80	− 1.55	+25 56 24.9	+ 8.6
30	B. D.+27°945	9	54 58.58	+ 0.68	+ 0.81	348 35 53.85	43.080	+ 4.43	− 12.3	5 55 0.07	− 1.58	+27 33 58.0	+ 8.3
31	B. D.+22°1140	9	55 53.88	+ 0.69	+ 0.81	343 25 51.65	42.932	+ 4.43	− 18.2	5 55 55.38	− 1.52	+22 23 46.8	+ 9.6
32	B. D.+24°1086	9	59 16.33	+ 0.68	+ 0.81	345 21 52.48	45.665	+ 4.43	− 15.9	5 59 17.82	− 1.55	+24 20 52.4	+ 9.2
33	B. D.+27°994	9	1 57.42	+ 0.68	+ 0.81	348 27 54.15	44.285	+ 4.43	− 12.4	6 1 58.91	− 1.59	+27 26 26.0	+ 8.6
34	B. D.+18°1112	6	5 24.81	+ 0.69	+ 0.81	339 9 51.25	45.905	+ 4.43	− 23.2	6 5 26.31	− 1.50	+18 8 49.6	+10.8
35	B. D.+16°1035	9	6 31.16	+ 0.69	+ 0.81	337 9 52.18	46.368	+ 4.43	− 25.7	6 6 32.66	− 1.49	+16 8 58.6	+11.3
36	B. D.+27°1036	9	9 52.09	+ 0.68	+ 0.81	348 53 52.85	46.935	+ 4.43	− 11.9	6 9 53.58	− 1.62	+27 53 25.8	+ 8.9
37	B. D.+23°1293	9	13 3.52	+ 0.68	+ 0.81	344 39 51.80	44.220	+ 4.43	− 16.7	6 13 5.01	− 1.57	+23 38 17.9	+ 9.9
38	Neptune C, C	9	15 43.55	+ 0.69	+ 0.81	343 19 51.72	47.515	+ 4.43	− 18.3	6 15 45.05	.....	+22 19 31.7	....
39	8 Monocerotis	9	18 40.86	+ 0.68	+ **0.81**	325 39 50.75	45.365	+ 4.43	− 41.7	6 18 42.35	.....	+ 4 38 18.0	....
40	ν Geminorum	9	23 15.91	+ 0.69	+ **0.76**	341 17 51.78	44.250	+ 4.43	− 20.7	6 23 17.41	.....	+20 16 14.6	....
41	λ Geminorum	9	12 34.71	+ 0.69	+ **0.85**	337 43 52.30	45.462	+ 4.43	− 25.1	7 12 36.21	.....	+16 42 38.4	....
42	Moon I, S	9	14 32.64	+ 0.71	+ 0.81	337 47 52.42	45.323	+ 4.43	− 25.0	7 14 34.16	+72.82	+16 46 34.0	....
43	Moon N	.	.. ..	....	.....	338 21 50.82	44.580	+ 4.43	− 24.3	.. ..	.....	+17 20 18.8	....
44	ι Geminorum	9	19 46.18	+ 0.68	+ **0.82**	348 59 53.98	46.225	+ 4.43	− 11.9	7 19 47.67	.....	+27 59 10.7	....
	February 2, Br.												
45	η Persei	9	43 27.28	+ 0.61	+14.60	16 29 54.65	47.155	+ 3.94	+ 17.7	2 43 42.49	− 1.22	+55 30 1.8	− 8.8
46	η Eridani	9	51 29.31	+ 0.67	+**14.61**	311 45 52.60	42.888	+ 3.94	−1 6.3	2 51 44.58	.....	− 9 17 1.7	....
47	α Ceti	9	57 0.85	+ 0.68	+**14.58**	324 43 55.08	46.162	+ 3.94	− 41.8	2 57 16.13	.....	+ 3 42 39.7	....
48	ι Persei	9	1 54.03	+ 0.62	+14.60	10 15 54.95	44.618	+ 3.94	+ 10.8	3 2 9.25	− 1.18	+49 14 57.1	− 6.3
49	ζ Arietis	9	9 8.36	+ 0.67	+**14.59**	341 41 54.88	46.875	+ 3.94	− 19.5	3 9 23.63	.....	+20 41 18.1	....
50	κ Ceti	9	14 4.84	+ 0.67	+14.60	324 1 54.25	47.005	+ 3.94	− 42.9	3 14 20.11	− 0.58	+ 3 0 57.1	+ 9.9
51	ο Tauri	9	19 24.16	+ 0.67	+**14.60**	329 41 53.02	47.755	+ 3.94	− 34.5	3 19 39.43	.....	+ 8 41 21.9	....
52	s Tauri	9	24 55.02	+ 0.67	+14.60	332 1 54.05	44.850	+ 3.94	− 31.4	3 25 10.29	− 0.71	+11 0 19.1	+ 7.5
53	17 Tauri	9	38 56.06	+ 0.66	+14.60	344 49 53.62	45.115	+ 3.94	− 16.0	3 39 11.32	− 0.93	+23 48 40.1	+ 3.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 2 41	......	....	26.9
2 56	29.87	27.7	26.5
3 54	......	....	25.4
3 58	29.875	26.8	....
4 18	......	....	25.0
4 39	29.87	26.0	24.2
5 14	......	....	23.9
5 29	29.865	25.1	23.5
5 58	......	....	23.1
6 24	29.865	24.0	22.6
7 21	29.86	23.3	21.8
2 2 44	29.575	33.1	33.1
3 12	......	....	33.3
3 28	29.57	34.0	34.0

Micrometer bisections are made at II, VI, except as noted below.

7, 34, 35, 38, 51.	Bisections at VI, VII.
30, 47, 49, 50, 52, 53.	Bisections at I, II.
42.	Bisections at I, II, III.
43.	Bisections at V, VI, VII.
45.	Bisections at b_2, b_3.
48.	Bisections at III, V.

Notes.

22.	Close double, equal magnitudes.
45–53.	Unsteady.
51.	Woolly.
52, 53.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
38	+ 0.1	.. ....	...	+ 0.1
42	+22 44.0	+16 35.9	...	+39 19.9
43	+22 10.6	−16 35.9	+ 0.4	+ 5 35.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Persei	9	47 51.54	+ 0.65	+14.60	352 35 55.02	47.975	+ 3.94	− 7.6	3 48 6.79	.....	+31 35 55.2	....
2	γ Eridani	9	53 18.48	+ 0.64	**+14.58**	307 15 52.02	43.055	+ 3.94	−1 17.5	3 53 33.72	.....	−13 47 9.7	....
	February 2, R.												
3	Moon II, S.	7	28 0.86	+ 0.68	+14.69	327 47 49.75	43.080	+ 4.33	− 37.4	10 28 16.23	−70.23	+ 6 45 28.9	....
4	ξ Hydræ	9	28 3.32	+ 0.58	+14.69	289 43 50.10	45.790	+ 4.33	−2 45.5	11 28 18.59	.....	−31 19 36.7	....
5	3 Draconis	9	36 53.56	+ 0.56	+14.69	28 17 54.30	42.002	+ 4.33	+ 32.5	11 37 8.81	.....	+67 16 18.6	....
6	π Virginis	9	55 43.04	+ 0.66	**+14.69**	328 9 49.92	46.612	+ 4.33	− 37.5	11 55 58.39	.....	+ 7 8 49.8	....
7	ο Virginis	9	0 4.94	+ 0.66	**+14.70**	330 18	......	....	. ....	12 0 20.29	.....	+ 9 15	....
8	γ Corvi	9	10 38.18	+ 0.62	**+14.68**	304 2	......	....	. ....	12 10 53.49	.....	−17 0	....
9	η Virginis	9	14 45.48	+ 0.65	**+14.72**	320 54	......	....	. ....	12 15 0.82	.....	− 0 8	....
	February 3, R.												
10	Sun I, N.	9	2 23.69	+ 0.64	+14.68	304 31 49.75	44.293	+ 5.09	−1 29.7	21 2 39.01	+68.14	−16 30 54.7	....
11	Sun II, S.	9	4 39.97	+ 0.64	+14.68	303 59 49.40	43.153	+ 5.09	−1 31.5	21 4 55.29	−68.14	−17 3 22.9	....
12	σ Arietis	9	45 56.64	+ 0.65	**+14.68**	335 41 50.05	46.962	+ 5.12	− 27.5	2 46 11.96	.....	+14 41 8.7	....
13	η Eridani	9	51 29.22	+ 0.64	**+14.71**	311 45 49.48	43.092	+ 5.12	−1 8.3	2 51 44.53	.....	− 9 17 1.0	....
14	α Ceti	9	57 0.78	+ 0.65	**+14.66**	324 43 50.58	46.388	+ 5.12	− 43.2	2 57 16.10	.....	+ 3 42 40.5	....
15	ι Persei	9	1 53.84	+ 0.59	+14.67	10 15 53.90	44.630	+ 5.12	+ 11.2	3 2 9.10	− 1.15	+49 14 57.8	− 6.3
16	ζ Arietis	9	9 8.25	+ 0.65	**+14.71**	341 41 51.65	47.005	+ 5.12	− 20.2	3 9 23.57	.....	+20 41 18.6	....
17	κ Ceti	9	14 4.69	+ 0.65	+14.67	324 1 51.22	47.142	+ 5.12	− 44.3	3 14 20.01	− 0.56	+ 3 0 57.2	+ 9.9
18	ο Tauri	9	19 24.06	+ 0.65	**+14.70**	329 41 51.65	47.852	+ 5.12	− 35.7	3 19 39.38	.....	+ 8 41 22.5	....
19	s Tauri	9	24 54.89	+ 0.65	+14.67	332 1 50.62	45.032	+ 5.12	− 32.5	3 25 10.21	− 0.70	+11 0 20.2	+ 7.5
20	11 H^1. Camelopardalis	9	33 35.72	+ 0.51	+14.67	23 53 53.30	48.055	+ 5.12	+ 27.3	3 33 50.90	− 1.94	+62 54 31.5	− 8.6
21	17 Tauri	9	38 55.95	+ 0.64	+14.67	344 49 49.98	45.240	+ 5.12	− 16.6	3 39 11.26	− 0.91	+23 48 40.2	+ 3.6
22	τ^7 Eridani	9	43 17.10	+ 0.61	+14.67	296 51 49.10	46.418	+ 5.12	−2 0.3	3 43 32.38	− 0.51	−24 10 37.4	+19.2
23	ζ Persei	9	47 51.42	+ 0.63	+14.67	352 35 52.78	48.078	+ 5.12	− 7.9	3 48 6.72	.....	+31 35 56.5	....
	February 3, Ei.-Y.												
24	γ Tauri	9	14 5.32	+ 0.65	**+14.79**	336 23 51.08	48.222	+ 4.74	− 26.7	4 14 20.70	.....	+15 23 39.0	....
25	δ Tauri	9	17 9.47	+ 0.65	**+14.76**	338 19 51.58	46.265	+ 4.74	− 24.3	4 17 24.85	.....	+17 18 57.1	....
26	B. D.+21°643	9	19 27.49	+ 0.64	+14.73	342 59 52.00	45.500	+ 4.74	− 18.7	4 19 42.86	− 1.10	+21 58 45.6	+ 5.8
27	B. D.+21°647	9	22 4.49	+ 0.65	+14.73	342 25 51.68	44.285	+ 4.74	− 19.4	4 22 19.87	− 1.10	+21 24 16.9	+ 6.1
28	B. D.+15°632	9	22 56.44	+ 0.65	+14.73	336 41 51.62	42.200	+ 4.74	− 26.4	4 23 11.82	− 1.04	+15 39 22.4	+ 8.0
29	B. D.+15°640	9	25 2.78	+ 0.65	+14.73	336 57 52.20	44.600	+ 4.74	− 26.1	4 25 18.16	− 1.06	+15 56 18.1	+ 8.0
30	α Tauri	9	30 10.38	+ 0.65	**+14.75**	337 19 51.10	46.145	+ 4.74	− 25.6	4 30 25.76	.....	+16 18 52.6	....
31	B. D.+23°909	9	18 44.44	+ 0.63	+14.73	344 31 52.22	43.042	+ 4.74	− 17.0	5 18 59.80	− 1.37	+23 29 51.4	+ 7.7
32	B. D.+21°847	9	21 38.04	+ 0.64	+14.73	342 51 52.18	46.650	+ 4.74	− 18.9	5 21 53.41	− 1.36	+21 51 11.9	+ 8.3
33	B. D.+26°835	9	26 13.94	+ 0.63	+14.73	347 55 52.18	44.765	+ 4.74	− 13.1	5 26 29.30	− 1.44	+26 54 34.3	+ 7.0
34	B. D.+20°989	9	27 42.36	+ 0.64	+14.73	341 25 51.55	44.292	+ 4.74	− 20.6	5 27 57.73	− 1.37	+20 24 15.7	+ 8.9
35	B. D.+25°879	9	30 19.23	+ 0.63	+14.73	346 53 51.50	44.810	+ 4.74	− 14.3	5 30 34.59	− 1.44	+25 52 33.5	+ 7.5
36	B. D.+16°822	9	31 15.40	+ 0.64	+14.73	337 59 51.28	45.725	+ 4.74	− 24.8	5 31 30.77	− 1.35	+16 58 44.0	+10.0
37	B. D.+16°841	9	35 30.71	+ 0.64	+14.73	337 29 50.72	46.270	+ 4.74	− 25.4	5 35 46.08	− 1.36	+16 28 55.3	+10.3
38	B. D.+25°978	9	41 24.51	+ 0.63	+14.73	346 31 51.65	48.258	+ 4.74	− 14.7	5 41 39.87	− 1.47	+25 31 52.3	+ 8.0
39	B. D.+27°888	9	44 41.20	+ 0.63	+14.73	348 55 53.12	49.138	+ 4.74	− 12.0	5 44 56.56	− 1.52	+27 56 16.6	+ 7.5
40	B. D.+20°1156	9	47 22.64	+ 0.64	+14.73	341 17 51.15	44.940	+ 4.74	− 20.8	5 47 38.01	− 1.44	+20 16 29.9	+ 9.6
41	B. D.+17°1051	9	49 9.22	+ 0.64	+14.73	338 23 51.48	46.100	+ 4.74	− 24.3	5 49 24.59	− 1.41	+17 22 53.2	+10.4
42	B. D.+16°940	9	52 52.83	+ 0.64	+14.73	337 35 50.88	46.855	+ 4.74	− 25.3	5 53 8.20	− 1.42	+16 35 8.9	+10.8
43	B. D.+19°1186	9	57 32.42	+ 0.64	+14.73	340 43 50.50	42.145	+ 4.74	− 21.5	5 57 47.79	− 1.46	+19 41 24.7	+10.1
44	B. D.+18°1078	9	59 7.51	+ 0.64	+14.73	339 21 51.95	40.600	+ 4.74	− 23.1	5 59 22.88	− 1.45	+18 18 49.5	+10.5
45	B. D.+22°1198	9	3 31.21	+ 0.64	+14.73	343 13 51.70	44.055	+ 4.74	− 18.5	6 3 46.58	− 1.51	+22 12 12.5	+ 9.7
46	B. D.+24°1151	9	5 25.16	+ 0.63	+14.73	345 27 51.92	44.368	+ 4.74	− 15.9	6 5 40.52	− 1.54	+24 26 22.5	+ 9.2
47	B. D.+18°1129	9	7 40.88	+ 0.64	+14.73	339 43 51.12	44.238	+ 4.74	− 22.7	6 7 56.25	− 1.48	+18 42 11.9	+10.7
48	B. D.+16°1060	9	9 39.03	+ 0.64	+14.73	337 11 50.78	44.430	+ 4.74	− 25.9	6 9 54.40	− 1.47	+16 10 12.8	+11.3
49	B. D.+23°1300	9	13 14.76	+ 0.63	+14.73	344 31 51.55	44.288	+ 4.74	− 17.0	6 13 30.12	− 1.55	+23 30 19.2	+ 9.7
50	B. D.+17°1214	9	15 35.88	+ 0.64	+14.73	338 49 51.10	44.598	+ 4.74	− 23.8	6 15 51.25	− 1.50	+17 48 19.0	+11.1
51	B. D.+28°1109	9	18 42.56	+ 0.63	+14.73	349 5 52.90	45.508	+ 4.74	− 11.8	6 18 57.92	− 1.62	+28 4 53.6	+ 8.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 3 54	29.57	34.9	34.8
10 28	29.72	33.7	33.8
11 28	29.76	31.2	30.4
11 49	......	....	28.3
12 3	29.79	27.8	26.0
3 21 5	30.04	22.0	20.3
2 46	29.95	26.2	25.1
3 6	......	....	24.5
3 29	......	....	23.7
3 48	29.93	24.2	23.1
4 10	29.92	24.0	22.6
4 30	......	....	22.1
5 16	[illegible]	22.6	21.0
5 39	......	....	20.8
6 1	29.89	22.0	20.3

Micrometer bisections are made at II, VI, except as noted below.

1, 33, 35.	Bisections at I, II.
3.	Bisections at III, IV, V.
5, 28, 29, 44.	Bisections at VI, VII.
10.	Bisections at I, II, III.
11.	Bisections at V, VI, VII.

Notes.

2. Woolly: very poor.

3–9. Conditions very bad; high wind.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+32 21.4	+16 41.9	...	+49 3.3
10	+ 7.3	−16 14.0	...	−16 6.7
11	+ 7.4	+16 14.1	...	+16 21.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+20°1428........	9	22 0.26	+ 0.64	+14.73	341 33 52.18	46.488	+ 4.74	− 20.5	6 22 15.63	− 1.54	+20 33 6.6	+10.7
2	B. D.+16°1178........	9	25 52.20	+ 0.64	+14.73	336 59 50.95	44.095	+ 4.74	− 26.1	6 26 7.57	− 1.51	+15 58 5.1	+11.8
3	B. D.+28°1168........	9	28 55.57	+ 0.64	+14.73	349 5 53.30	47.668	+ 4.74	− 11.8	6 29 10.94	− 1.64	+28 5 43.4	+ 9.3
4	B. D.+29°1293........	9	32 4.01	+ 0.63	+14.73	350 3 52.35	48.070	+ 4.74	− 10.7	6 32 19.37	− 1.66	+29 3 52.7	+ 9.2
5	B. D.+27°1194........	9	35 29.21	+ 0.63	+14.73	348 11 52.95	43.628	+ 4.74	− 12.8	6 35 44.57	− 1.64	+27 10 9.7	+ 9.7
6	B. D.+23°1491........	9	40 7.06	+ 0.64	+14.73	344 29 51.28	43.618	+ 4.74	− 17.1	6 40 22.43	− 1.61	+23 28 3.5	+10.6
7	B. D.+17°1409........	9	44 17.48	+ 0.64	+14.73	338 43 51.38	43.270	+ 4.74	− 24.0	6 44 32.85	− 1.57	+17 41 48.8	+11.9
8	B. D.+24°1451........	9	48 37.77	+ 0.63	+14.73	345 23 52.02	43.160	+ 4.74	− 16.0	6 48 53.13	− 1.63	+24 21 54.9	+10.8
9	B. D.+26°1411........	9	53 18.59	+ 0.63	+14.73	347 3 51.72	44.710	+ 4.74	− 14.1	6 53 33.95	− 1.66	+26 2 31.9	+10.6
10	B. D.+16°1363........	8	56 47.21	+ 0.64	+14.73	337 49 50.25	45.308	+ 4.74	− 25.0	6 57 2.58	− 1.59	+16 48 33.2	+12.4
11	B. D.+28°1314........	9	1 9.96	+ 0.63	+14.73	349 21 52.18	41.470	+ 4.74	− 11.5	7 1 25.32	− 1.70	+28 19 20.9	+10.4
12	B. D.+30°1439........	9	4 48.14	+ 0.62	+14.73	351 25 52.65	43.145	+ 4.74	− 9.2	7 5 3.49	− 1.73	+30 24 1.9	+10.2
13	51 Geminorum............	9	7 37.71	+ 0.64	+14.73	337 19 50.42	46.872	+ 4.74	− 25.7	7 7 53.08	.....	+16 19 8.4	....
14	B. D.+28°1350........	9	9 43.81	+ 0.63	+14.73	349 3 54.00	47.668	+ 4.74	− 11.8	7 9 59.17	− 1.71	+28 3 44.1	+10.8
15	δ Geminorum............	9	14 9.70	+ 0.64	**+14.79**	343 9 50.15	47.210	+ 4.74	− 18.6	7 14 25.07	.....	+22 9 23.0	....
16	ι Geminorum............	9	19 32.22	+ 0.63	**+14.82**	348 59 52.92	46.272	+ 4.74	− 11.9	7 19 47.58	.....	+27 59 11.0	....
	February 3, Br.												
17	Moon II, S.............	9	27 45.57	+ 0.74	+14.60	323 1 55.55	46.127	+ 4.71	− 46.0	11 28 0.91	−68.93	+ 2 0 36.1	....
18	6 B. Ursæ Minoris.......	8	14 18.84	− 3.09	+14.60	49 13 56.72	43.761	+ 4.89	+1 11.5	12 14 30.35	.....	+88 13 40.5	....
19	δ Corvi..................	5	24 39.82	+ 0.70	**+14.60**	305 3 52.08	44.142	+ 4.93	−1 27.6	12 24 55.12	.....	−15 58 53.6	....
20	κ Draconis...............	8	29 9.16	+ 0.49	+14.60	31 19 54.82	42.895	+ 4.95	+ 37.7	12 29 24.25	.....	+70 18 45.6	....
21	35 Virginis..............	9	42 43.88	+ 0.72	**+14.52**	325 7 52.52	43.758	+ 5.00	− 43.0	12 42 59.20	.....	+ 4 5 42.4	....
22	ε Virginis...............	9	57 9.47	+ 0.72	**+14.57**	332 29 52.60	45.015	+ 5.06	− 32.2	12 57 24.79	.....	+11 28 22.0	....
23	α Ursæ Minoris s. p.......	7	24 4.66	+ 6.60	+14.60	52 11 56.18	44.379	+ 5.17	+1 20.1	1 24 25.86	.....	+88 47 55.9	....
24	τ Boötis.................	9	42 27.29	+ 0.72	+14.60	338 57 54.15	43.555	+ 5.24	− 23.8	13 42 42.61	.....	+17 55 58.8	....
25	η Boötis.................	9	49 52.07	+ 0.72	**+14.56**	339 53 53.68	45.145	+ 5.27	− 22.7	13 50 7.39	.....	+18 52 35.8	....
26	τ Virginis...............	9	56 31.01	+ 0.72	**+14.53**	323 1 53.20	45.998	+ 5.30	− 46.7	13 56 46.33	.....	+ 2 0 30.8	....
27	*d* Boötis.................	9	5 46.34	+ 0.71	**+14.58**	346 33 54.70	44.835	+ 5.33	− 14.8	14 6 1.65	.....	+25 32 37.6	....
28	α Boötis.................	9	11 2.11	+ 0.72	**+14.51**	340 41 53.60	45.652	+ 5.36	− 21.8	14 11 17.43	.....	+19 40 48.3	....
29	*f* Boötis.................	9	21 44.47	+ 0.72	**+14.57**	340 39 53.02	47.235	+ 5.40	− 21.8	14 21 59.79	.....	+19 39 23.9	....
30	μ Virginis...............	9	37 45.19	+ 0.71	**+14.59**	315 47 53.60	44.110	+ 5.45	−1 0.7	14 38 0.50	.....	− 5 14 25.7	....
	February 4, Br.												
31	Sun I, S................	9	6 26.99	+ 0.71	+14.64	304 15 52.05	47.030	+ 5.44	−1 30.4	21 6 42.34	+68.07	−16 45 50.2	....
32	Sun II, N...............	9	8 43.13	+ 0.71	+14.64	304 47 52.18	48.355	+ 5.44	−1 28.6	21 8 58.48	−68.07	−16 13 18.0	....
33	η Eridani................	9	51 29.27	+ 0.59	**+14.69**	311 45 51.50	43.025	+ 5.03	−1 8.7	2 51 44.53	.....	− 9 17 1.0	....
34	ι Persei.................	9	1 53.96	+ 0.56	+14.67	10 15 54.22	44.618	+ 5.03	+ 11.2	3 2 9.19	− 1.12	+49 14 57.8	− 6.2
35	ζ Arietis................	9	9 . 8.33	+ 0.61	**+14.65**	341 41 54.10	46.932	+ 5.03	− 20.3	3 9 23.61	.....	+20 41 19.2	....
36	κ Ceti...................	9	14 4.78	+ 0.60	+14.67	324 1 53.08	47.110	+ 5.03	− 44.6	3 14 20.05	− 0.54	+ 3 0 58.0	+10.0
37	ο Tauri..................	9	19 24.11	+ 0.61	**+14.68**	329 41 52.65	47.825	+ 5.03	− 35.9	3 19 39.39	.....	+ 8 41 22.6	....
38	*s* Tauri..................	9	24 55.01	+ 0.61	+14.68	332 1 53.20	44.938	+ 5.03	− 32.6	3 25 10.30	− 0.68	+11 0 20.4	+ 7.6
39	ε Eridani................	9	28 9.66	+ 0.59	**+14.70**	311 13 51.38	47.828	+ 5.03	−1 10.1	3 28 24.93	.....	− 9 47 12.5	....
40	11 H^1. Camelopardalis....	9	33 35.81	+ 0.49	+14.68	23 53 53.78	48.035	+ 5.03	+ 27.4	3 33 50.98	− 1.90	+62 54 31.7	− 8.6
41	17 Tauri.................	9	38 56.02	+ 0.60	+14.68	344 49 53.00	45.135	+ 5.03	− 16.6	3 39 11.30	− 0.90	+23 48 40.7	+ 3.6
42	τ^7 Eridani................	9	43 17.14	+ 0.56	+14.68	296 51 52.08	46.293	+ 5.03	−2 0.9	3 43 32.38	− 0.49	−24 10 38.0	+19.3
43	ζ Persei.................	9	47 51.47	+ 0.60	+14.68	352 35 54.55	48.000	+ 5.03	− 7.9	3 48 6.75	.....	+31 35 56.4	....
	February 4, Ei.-Y.												
44	γ Tauri..................	9	14 5.32	+ 0.61	**+14.81**	336 23 51.02	48.258	+ 4.96	− 26.8	4 14 20.74	.....	+15 23 39.8	....
45	δ Tauri..................	9	17 9.47	+ 0.61	**+14.79**	338 19 51.82	46.255	+ 4.96	− 24.4	4 17 24.89	.....	+17 18 57.3	....
46	68 Tauri.................	9	19 41.66	+ 0.61	+14.81	338 43 52.00	44.830	+ 4.96	− 23.9	4 19 57.08	− 1.03	+17 42 25.4	+ 7.3
47	B. D.+20°761..........	9	22 48.62	+ 0.61	+14.81	341 27 52.10	48.232	+ 4.96	− 20.6	4 23 4.04	− 1.08	+20 27 46.5	+ 6.5
48	B. D.+15°639..........	9	24 55.87	+ 0.61	+14.81	336 29 50.55	46.260	+ 4.96	− 26.7	4 25 11.29	− 1.03	+15 28 53.8	+ 8.2
49	α Tauri..................	9	30 10.37	+ 0.61	**+14.78**	337 19 51.80	46.125	+ 4.96	− 25.7	4 30 25.79	.....	+16 18 53.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 6 20	....	....	20.1
6 42	29.89	21.0	20.0
7 3	....	....	20.5
7 21	29.89	21.0	20.7
11 28	29.96	22.0	24.8
12 13	29.99	22.7	22.2
12 43	....	....	20.0
13 22	30.005	20.1	19.2
13 45	....	....	19.0
14 11	30.03	18.5	17.0
14 38	30.05	17.5	16.2
4 21 9	30.095	23.0	21.8
2 51	30.07	24.9	24.0
3 14	30.065	23.9	23.1
3 48	30.06	22.9	23.0
4 10	30.05	23.0	22.8

Micrometer bisections are made at II, VI, except as noted below.

7. Bisections at II, VII.
17. Bisections at II, III, IV, V, VI.
18. Bisections at b_1, b_2, b_4, b_5, b_6.
19, 32, 39. Bisections at VI, VII.
20. Bisections at IV, V.
23. Bisections at b_4, b_6, b_7, b_8.
31. Bisections at I, II.
40. Bisections at III, V.
42. Bisections at I, II, VI.

Notes.

23, 26. Unsteady.
25. Woolly and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
17	+36 11.1	+16 32.3	...	+52 43.4
31	+ 7.3	+16 16.1	...	+16 23.4
32	+ 7.3	−16 16.1	...	−16 8.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	τ Tauri..................	9	36 14.68	+ 0.61	**+14.81**	343 47 51.78	44.258	+ 4.96	− 17.9	4 36 30.10	....	+22 46 18.0	....
2	B. D.+16°794 (*pr.*).....	9	26 26.09	+ 0.62	+14.81	337 59 52.40	46.655	+ 4.96	− 24.9	5 26 41.52	− 1.32	+16 59 6.2	+ 9.8
3	B. D.+20°989.........	9	27 42.31	+ 0.62	+14.81	341 25 51.78	44.310	+ 4.96	− 20.7	5 27 57.74	− 1.36	+20 24 16.5	+ 8.9
4	B. D.+16°822.........	9	31 15.31	+ 0.62	+14.81	337 59 52.32	45.685	+ 4.96	− 24.9	5 31 30.74	− 1.33	+16 58 44.2	+10.0
5	B. D.+16°841.........	9	35 30.72	+ 0.62	+14.81	337 29 51.40	46.250	+ 4.96	− 25.5	5 35 46.15	− 1.35	+16 28 55.6	+10.3
6	B. D.+21°946.........	9	37 22.78	+ 0.62	+14.81	342 23 51.12	44.002	+ 4.96	− 19.5	5 37 38.21	− 1.40	+21 22 10.0	+ 9.0
7	B. D.+25°978.........	9	41 24.48	+ 0.61	+14.81	346 31 53.20	48.200	+ 4.96	− 14.7	5 41 39.90	− 1.46	+25 31 52.8	+ 8.0
8	B. D.+27°888.........	9	44 41.17	+ 0.61	+14.81	348 55 53.70	49.122	+ 4.96	− 12.0	5 44 56.59	− 1.51	+27 56 17.0	+ 7.5
9	B. D.+20°1156........	9	47 22.62	+ 0.62	+14.81	341 17 51.55	44.932	+ 4.96	− 20.8	5 47 38.05	− 1.42	+20 16 30.3	+ 9.6
10	B. D.+17°1051........	9	49 9.24	+ 0.62	+14.81	338 23 50.80	46.150	+ 4.96	− 24.4	5 49 24.67	− 1.40	+17 22 53.8	+10.4
11	B. D.+16°940.........	9	52 52.81	+ 0.62	+14.81	337 35 50.82	46.842	+ 4.96	− 25.4	5 53 8.24	− 1.41	+16 35 8.7	+10.8
12	B. D.+19°1186........	9	57 32.43	+ 0.62	+14.81	340 43 51.92	42.080	+ 4.96	− 21.5	5 57 47.86	− 1.45	+19 41 24.8	+10.1
13	B. D.+18°1078........	8	59 7.48	+ 0.62	+14.81	339 19 51.70	45.905	+ 4.96	− 23.2	5 59 22.91	− 1.44	+18 18 50.4	+10.5
14	B. D.+22°1198........	9	3 31.19	+ 0.61	+14.81	343 13 51.00	44.105	+ 4.96	− 18.5	6 3 46.61	− 1.49	+22 12 13.2	+ 9.7
15	B. D.+24°1151........	9	5 25.18	+ 0.61	+14.81	345·27 53.35	44.315	+ 4.96	− 15.9	6 5 40.60	− 1.52	+24 26 22.9	+ 9.2
16	B. D.+18°1129........	9	7 40.85	+ 0.62	+14.81	339 43 51.48	44.225	+ 4.96	− 22.7	6 7 56.28	− 1.47	+18 42 12.2	+10.7
17	B. D.+16°1060........	9	9 39.03	+ 0.62	+14.81	337 11 51.18	44.432	+ 4.96	− 25.9	6 9 54.46	− 1.46	+16 10 13.5	+11.3
18	B. D.+23°1300........	9	13 14.77	+ 0.61	+14.81	344 31 51.52	44.288	+ 4.96	− 17.0	6 13 30.19	− 1.54	+23 30 19.4	+ 9.7
19	B. D.+17°1214........	9	15 35.84	+ 0.62	+14.81	338 49 51.32	44.600	+ 4.96	− 23.9	6 15 51.27	− 1.49	+17 48 19.4	+11.1
20	B. D.+28°1109........	9	18 42.58	+ 0.61	+14.81	349 5 53.58	45.485	+ 4.96	− 11.8	6 18 58.00	− 1.61	+28 4 54.0	+ 8.8
21	B. D.+20°1428........	9	22 0.20	+ 0.62	+14.81	341 33 52.38	46.500	+ 4.96	− 20.5	6 22 15.63	− 1.53	+20 33 7.3	+10.7
22	B. D.+16°1178........	9	25 52.19	+ 0.62	+14.81	336 59 51.88	44.042	+ 4.96	− 26.2	6 26 7.62	− 1.50	+15 58 4.9	+11.8
23	B. D.+28°1168........	9	28 55.57	+ 0.60	+14.81	349 5 53.58	47.680	+ 4.96	− 11.8	6 29 10.98	− 1.63	+28 5 44.1	+ 9.2
24	B. D.+29°1293........	9	32 3.96	+ 0.60	+14.81	350 3 51.78	48.140	+ 4.96	− 10.7	6 32 19.37	− 1.65	+29 3 54.0	+ 9.1
25	B. D.+27°1194........	9	35 29.24	+ 0.61	+14.81	348 11 52.82	43.660	+ 4.96	− 12.9	6 35 44.66	− 1.63	+27 10 10.4	+ 9.7
26	B. D.+23°1491........	9	40 7.02	+ 0.61	+14.81	344 29 51.60	43.598	+ 4.96	− 17.1	6 40 22.44	− 1.60	+23 28 3.6	+10.6
27	B. D.+17°1409........	9	44 17.44	+ 0.62	+14.81	338 43 51.12	43.318	+ 4.96	− 24.0	6 44 32.87	− 1.56	+17 41 49.8	+11.9
28	B. D.+24°1451........	9	48 37.77	+ 0.61	+14.81	345 23 51.52	43.215	+ 4.96	− 16.1	6 48 53.19	− 1.63	+24 21 55.8	+10.7
29	B. D.+26°1411........	9	53 18.56	+ 0.61	+14.81	347 3 51.38	44.738	+ 4.96	− 14.1	6 53 33.98	− 1.66	+26 2 32.4	+10.5
30	B. D.+16°1363........	9	56 47.19	+ 0.62	+14.81	337 49 50.68	45.328	+ 4.96	− 25.1	6 57 2.62	− 1.58	+16 48 34.2	+12.4
31	B. D.+28°1314........	9	1 9.92	+ 0.60	+14.81	349 21 52.15	41.480	+ 4.96	− 11.6	7 1 25.33	− 1.69	+28 19 21.2	+10.4
32	B. D.+30°1439........	9	4 48.16	+ 0.60	+14.81	351 25 53.25	43.148	+ 4.96	− 9.3	7 5 3.57	− 1.73	+30 24 2.7	+10.1
33	51 Geminorum............	9	7 37.73	+ 0.62	+14.81	337 19 50.80	46.855	+ 4.96	− 25.8	7 7 53.16	....	+16 19 8.6	....
34	B. D.+28°1350........	9	9 43.76	+ 0.61	+14.81	349 3 53.70	47.692	+ 4.96	− 11.9	7 9 59.18	− 1.70	+28 3 44.4	+10.7
35	δ Geminorum.............	9	14 9.68	+ 0.61	**+14.84**	343 9 50.92	47.200	+ 4.96	− 18.7	7 14 25.10	....	+22 9 23.6	....
36	ι Geminorum.............	9	19 32.24	+ 0.61	**+14.82**	348 59 52.62	46.310	+ 4.96	− 12.0	7 19 47.67	....	+27 59 11.7	....
	February 4, R.												
37	6 B. Ursæ Minoris	9	14 18.72	− 1.44	+14.77	49 13 56.65	43.737	+ 4.24	+1 12.2	12 14 32.05	....	+88 13 40.4	....
	February 6, Ei.-Y.												
38	ι Tauri..................	9	57 10.64	+ 0.58	**+11.43**	342 27 50.90	46.322	+ 5.76	− 18.1	4 57 22.62	....	+21 27 5.0	....
39	11 Orionis................	9	58 54.21	+ 0.56	**+11.38**	336 17 50.70	44.052	+ 5.76	− 25.2	4 59 6.17	....	+15 16 5.8	....
40	β Tauri..................	8	20 2.82	+ 0.59	**+11.37**	349 31 51.02	47.118	+ 5.76	− 10.6	5 20 14.81	....	+28 31 30.9	....
41	δ Orionis................	9	26 55.43	+ 0.50	**+11.38**	320 39 47.70	43.672	+ 5.76	− 47.1	5 27 7.33	....	− 0 22 27.8	....
42	B. D.+27°806.........	9	29 43.43	+ 0.59	+11.40	348 35 52.95	48.142	+ 5.76	− 11.5	5 29 55.42	− 1.43	+27 35 55.2	+ 7.0
43	ζ Tauri..................	9	31 43.87	+ 0.57	**+11.36**	342 5 52.28	45.880	+ 5.76	− 18.6	5 31 55.84	....	+21 4 55.7	....
44	B. D.+17°979.........	9	35 36.71	+ 0.56	+11.40	338 29 49.75	44.225	+ 5.76	− 22.7	5 35 48.67	− 1.33	+17 28 11.3	+10.0
45	B. D.+27°849.........	9	38 8.52	+ 0.58	+11.40	348 41 52.62	46.240	+ 5.76	− 11.5	5 38 20.50	− 1.46	+27 41 11.4	+ 7.3
46	130 Tauri................	9	41 39.75	+ 0.56	+11.40	338 43 49.78	42.288	+ 5.76	− 22.4	5 41 51.71	− 1.36	+17 41 27.4	+10.2
47	B. D.+23°1087........	9	45 49.83	+ 0.57	+11.40	344 21 49.45	46.930	+ 5.76	− 16.1	5 46 1.80	− 1.43	+23 21 19.4	+ 8.8
48	B. D.+20°1162........	9	48 31.34	+ 0.56	+11.40	341 15 50.58	47.182	+ 5.76	− 19.5	5 48 43.30	− 1.40	+20 15 22.9	+ 9.7
49	B. D.+20°1199........	9	53 1.49	+ 0.56	+11.40	341 41 51.52	43.275	+ 5.76	− 19.0	5 53 13.45	− 1.42	+20 39 55.1	+ 9.7
50	B. D.+28°997.........	9	58 1.72	+ 0.58	+11.40	349 17 52.40	48.675	+ 5.76	− 10.8	5 58 13.70	− 1.53	+28 18 7.5	+ 7.9
51	B. D.+29°1112........	9	0 4.31	+ 0.58	+11.40	350 31 50.78	46.030	+ 5.76	− 9.6	6 0 16.29	− 1.56	+29 31 6.6	+ 7.7
52	B. D.+23°1226........	9	3 43.81	+ 0.57	+11.40	344 9 49.88	42.450	+ 5.76	− 16.3	6 3 55.78	− 1.49	+23 7 37.3	+ 9.4
53	B. D.+20°1302........	9	5 28.73	+ 0.56	+11.40	341 57 51.72	41.858	+ 5.76	− 18.7	6 5 40.69	− 1.47	+20 55 23.2	+10.1
54	B. D.+17°1182........	9	8 41.68	+ 0.55	+11.40	338 57 51.25	43.295	+ 5.76	− 22.1	6 8 53.63	− 1.45	+17 55 52.1	+10.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 4 37	......	....	22.4
5 23	30.05	21.6	22.0
5 39	......	....	22.5
6 1	30.04	21.0	22.1
6 20	......	....	21.7
6 41	30.025	21.0	21.1
7 3	......	....	21.4
7 21	30.015	20.7	20.9
12 7	......	....	16.2
12 26	29.88	17.8	16.5
6 4 55	29.645	47.6	48.0
5 23	......	....	48.0
5 50	29.64	48.0	47.8

Micrometer bisections are made at II, VI, except as noted below.

2. Bisections at I, II.
13. Bisections at II, VII.
37. Bisections at b_4, b_5, b_6.
40 Bisections at VI, VII.

Notes.

37. Very diffuse and unsteady; poor.
41–43. Images poor and unsteady.
47–49. Unsteady.
51. Image poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+24°1182	9	10 16.71	+ 0.57	+11.40	345 1 50.85	43.238	+ 5.76	– 15.4	6 10 28.68	– 1.52	+23 59 57.1	+ 9.5
2	B. D.+17°1203	9	13 16.39	+ 0.55	+11.40	338 23 49.92	42.735	+ 5.76	– 22.8	6 13 28.34	– 1.46	+17 21 37.3	+11.2
3	B. D.+19°1313	9	15 43.91	+ 0.56	+11.40	340 57 51.18	43.532	+ 5.76	– 19.9	6 15 55.87	– 1.49	+19 55 59.7	+10.6
4	B. D.+23°1347	9	19 32.44	+ 0.56	+11.40	344 23 49.70	45.202	+ 5.76	– 16.1	6 19 44.40	– 1.54	+23 22 40.2	+ 9.9
5	B. D.+30°1238	9	22 13.56	+ 0.58	+11.40	351 33 51.88	45.818	+ 5.76	– 8.5	6 22 25.54	– 1.63	+30 33 4.0	+ 8.3
6	B. D.+22°1364	8	26 2.09	+ 0.56	+11.40	343 15 50.65	46.232	+ 5.76	– 17.3	6 26 14.05	– 1.54	+22 15 3.4	+10.4
7	B. D.+20°1496	9	29 42.68	+ 0.56	+11.40	341 59 50.95	43.015	+ 5.76	– 18.7	6 29 54.64	– 1.54	+20 57 48.8	+10.8
8	B. D.+26°1300	9	32 31.28	+ 0.57	+11.40	347 35 50.32	45.450	+ 5.76	– 12.6	6 32 43.25	– 1.60	+26 34 49.9	+ 9.6
9	B. D.+17°1357	9	36 38.59	+ 0.54	+11.40	338 45 51.68	44.150	+ 5.76	– 22.4	6 36 50.53	– 1.53	+17 44 11.8	+11.7
10	B. D.+21°1372	9	40 20.91	+ 0.55	+11.40	342 39 48.48	43.055	+ 5.76	– 18.0	6 40 32.86	– 1.57	+21 37 48.0	+11.0
11	B. D.+25°1460	8	44 54.30	+ 0.56	+11.40	346 53 50.92	44.482	+ 5.76	– 13.4	6 45 6.26	– 1.62	+25 52 27.6	+10.2
12	B. D.+25°1496	9	49 14.13	+ 0.56	+11.40	346 29 50.22	47.530	+ 5.76	– 13.8	6 49 26.09	– 1.63	+25 29 36.1	+10.5
13	B. D.+20°1661	9	53 31.11	+ 0.55	+11.40	341 35 49.80	44.550	+ 5.76	– 19.1	6 53 43.06	– 1.59	+20 34 22.4	+11.6
14	*h* Geminorum	9	57 14.16	+ 0.57	+11.40	350 29 50.90	47.745	+ 5.76	– 9.6	6 57 26.13	– 1.69	+29 29 46.0	+ 9.9
15	B. D.+24°1531	9	1 16.04	+ 0.56	+11.40	345 19 50.75	45.625	+ 5.76	– 15.0	7 1 28.00	– 1.64	+24 18 52.0	+11.1
16	B. D.+27°1327	9	5 15.63	+ 0.56	+11.40	348 1 52.22	45.080	+ 5.76	– 12.2	7 5 27.59	– 1.67	+27 0 43.8	+10.7
17	B. D.+24°1576	9	8 24.86	+ 0.56	+11.40	345 53 50.22	44.312	+ 5.76	– 14.4	7 8 36.82	– 1.66	+24 52 22.0	+11.2
18	B. D.+26°1508	9	10 56.32	+ 0.56	+11.40	347 51 51.05	47.435	+ 5.76	– 12.3	7 11 8.28	– 1.68	+26 51 36.3	+10.9
19	B. D.+18°1593	9	17 19.53	+ 0.54	+11.40	339 27 50.40	47.022	+ 5.76	– 21.5	7 17 31.47	– 1.62	+18 27 17.1	+12.6
20	B. D.+24°1659	9	20 59.76	+ 0.55	+11.40	345 9 50.85	40.685	+ 5.76	– 15.3	7 21 11.71	– 1.67	+24 6 58.6	+11.7
21	B. D.+21°1602	9	21 52.23	+ 0.54	+11.40	342 39 49.38	44.368	+ 5.76	– 18.0	7 22 4.17	– 1.65	+21 38 18.9	+12.1
22	B. D.+28°1400	9	23 40.28	+ 0.56	+11.40	349 7 51.08	45.025	+ 5.76	– 11.0	7 23 52.24	– 1.71	+28 6 42.6	+11.1
23	B. D.+21°1630	9	26 42.52	+ 0.54	+11.40	342 37 50.45	45.012	+ 5.76	– 18.0	7 26 54.46	– 1.65	+21 36 34.4	+12.2
24	B. D.+15°1598	9	27 46.02	+ 0.53	+11.40	336 51 51.28	45.092	+ 5.76	– 24.6	7 27 57.95	– 1.62	+15 50 30.7	+13.2
25	B. D.+19°1784	9	31 44.81	+ 0.53	+11.40	340 9 49.65	43.348	+ 5.76	– 20.8	7 31 56.74	– 1.64	+19 7 52.8	+12.7
26	B. D.+16°1531	9	33 15.95	+ 0.53	+11.40	337 19 50.10	45.522	+ 5.76	– 24.0	7 33 27.88	– 1.63	+16 18 40.0	+13.2
27	B. D.+26°1625	9	35 15.38	+ 0.55	+11.40	347 7 50.00	44.652	+ 5.76	– 13.1	7 35 27.33	– 1.70	+26 6 30.9	+11.8
28	*β* Geminorum	9	39 16.42	+ 0.56	**+11.37**	349 15 50.58	46.692	+ 5.76	– 10.9	7 39 28.38	....	+28 15 20.0	....
29	B. D.+21°1679	9	40 17.55	+ 0.54	+11.40	342 21 49.90	46.420	+ 5.76	– 18.3	7 40 29.49	– 1.67	+21 21 6.0	+12.6
30	B. D.+19°1854	9	46 11.57	+ 0.53	+11.40	340 35 52.38	43.705	+ 5.76	– 20.3	7 46 23.50	– 1.66	+19 34 4.2	+13.0
31	*φ* Geminorum	9	47 27.17	+ 0.55	**+11.44**	348 1 52.55	44.975	+ 5.76	– 12.2	7 47 39.12	....	+27 0 41.7	....
32	*δ* Cancri	9	39 3.64	+ 0.52	**+11.39**	339 31 50.70	44.235	+ 5.76	– 21.5	8 39 15.56	....	+18 30 13.7	....
33	*ι* Cancri	9	40 43.19	+ 0.54	**+11.44**	350 7 51.82	44.372	+ 5.76	– 10.0	8 40 55.13	....	+29 6 29.4	....
34	B. D.+19°2110	9	45 7.10	+ 0.52	+11.40	340 11 51.15	46.770	+ 5.76	– 20.7	8 45 19.02	– 1.67	+19 11 12.8	+13.8
35	B. D.+22°2014	9	48 35.51	+ 0.52	+11.40	343 35 50.92	45.090	+ 5.76	– 16.9	8 48 47.43	– 1.68	+22 34 38.0	+13.7
36	B. D.+19°2131	9	52 17.42	+ 0.51	+11.40	340 39 49.88	46.275	+ 5.76	– 20.2	8 52 29.33	– 1.67	+19 39 0.5	+13.9
37	*α* Cancri	9	53 4.09	+ 0.50	**+11.37**	333 15 49.90	42.818	+ 5.76	– 29.0	8 53 15.99	....	+12 13 33.2	....
38	B. D.+22°2039	9	57 3.86	+ 0.52	+11.40	342 55 50.70	42.455	+ 5.76	– 17.7	8 57 15.78	– 1.67	+21 53 36.8	+13.8
39	B. D.+16°1901	9	0 41.68	+ 0.50	+11.40	337 15 50.08	45.242	+ 5.76	– 24.1	9 0 53.58	– 1.66	+16 14 33.5	+14.0
40	B. D.+18°2129	9	3 29.21	+ 0.51	+11.40	338 51 49.98	47.140	+ 5.76	– 22.2	9 3 41.12	– 1.65	+17 51 18.6	+14.0
41	B. D.+ 9°2133	9	6 7.64	+ 0.48	+11.40	330 23 49.58	43.950	+ 5.76	– 32.7	9 6 19.52	– 1.66	+ 9 21 54.9	+14.2
42	B. D.+16°1930	9	9 27.68	+ 0.50	+11.40	337 25 50.30	43.600	+ 5.76	– 23.9	9 9 39.58	– 1.65	+16 23 56.1	+14.1
43	B. D.+20°2293	9	10 27.54	+ 0.51	+11.40	341 29 50.88	43.928	+ 5.76	– 19.2	9 10 39.45	– 1.65	+20 28 9.1	+14.0
44	83 Cancri	9	13 27.24	+ 0.51	**+11.43**	339 7 51.28	45.020	+ 5.76	– 21.9	9 13 39.15	....	+18 6 32.0	....
45	B. D.+19°2201	9	16 13.86	+ 0.51	+11.40	340 9 49.30	46.860	+ 5.76	– 20.7	9 16 25.77	– 1.64	+19 9 13.1	+14.1
46	B. D.+20°2314	9	18 12.07	+ 0.51	+11.40	341 47 50.65	44.228	+ 5.76	– 18.9	9 18 23.98	– 1.64	+20 46 16.1	+14.1
47	B. D.+ 9°2188	9	23 8.77	+ 0.48	+11.40	330 29 48.42	44.995	+ 5.76	– 32.5	9 23 20.65	– 1.64	+ 9 28 17.8	+14.0
48	B. D.+14°2101	9	25 17.27	+ 0.49	+11.40	334 55 49.42	46.242	+ 5.76	– 26.9	9 25 29.16	– 1.63	+13 54 52.9	+14.1
49	B. D.+ 8°2243	9	29 24.82	+ 0.47	+11.40	329 37 49.80	45.935	+ 5.76	– 33.7	9 29 36.69	– 1.64	+ 8 36 39.5	+13.9
50	10 Leonis	9	31 58.46	+ 0.47	+11.40	328 17 49.25	43.745	+ 5.76	– 35.5	9 32 10.33	– 1.64	+ 7 15 47.1	+13.8
51	*ο* Leonis	9	35 51.43	+ 0.48	**+11.44**	331 21 48.62	42.950	+ 5.76	– 31.4	9 36 3.31	....	+10 19 32.3	....
52	B. D.+14°2139	8	40 40.22	+ 0.49	+11.40	334 55 49.05	42.198	+ 5.76	– 26.9	9 40 52.11	– 1.61	+13 53 20.1	+14.0
53	B. D.+18°2274	9	43 37.13	+ 0.50	+11.40	339 31 50.62	43.712	+ 5.76	– 21.5	9 43 49.03	– 1.60	+18 30 1.7	+14.1
54	B. D.+10°2065	9	47 53.73	+ 0.47	+11.40	331 5 49.55	42.520	+ 5.76	– 31.8	9 48 5.60	– 1.61	+10 3 23.1	+13.7
55	B. D.+15°2136	9	51 14.19	+ 0.49	+11.40	336 13 49.52	40.635	+ 5.76	– 25.4	9 51 26.08	– 1.59	+15 10 46.3	+14.0
56	B. D.+11°2136	9	53 28.04	+ 0.48	+11.40	331 57 49.48	40.825	+ 5.76	– 30.7	9 53 39.92	– 1.60	+10 54 45.4	+13.7
57	B. D.+10°2100	9	58 16.68	+ 0.47	+11.40	331 23 48.12	43.100	+ 5.76	– 31.4	9 58 28.55	– 1.59	+10 21 35.3	+13.6
58	B. D.+ 4°2291	9	1 21.83	+ 0.45	+11.40	324 57 49.12	45.665	+ 5.76	– 40.3	10 1 33.68	– 1.62	+ 3 56 26.0	+13.0
59	B. D.+19°2307	9	3 42.04	+ 0.50	+11.40	340 1 51.62	43.415	+ 5.76	– 20.9	10 3 53.94	– 1.56	+18 59 56.5	+14.1
60	B. D.+ 5°2301	9	7 38.44	+ 0.45	+11.40	326 7 49.88	42.182	+ 5.76	– 38.6	10 7 50.29	– 1.60	+ 5 5 8.9	+13.0
61	B. D.+ 7°2266	9	10 30.24	+ 0.46	+11.40	328 25 48.52	44.330	+ 5.76	– 35.3	10 10 42.10	– 1.58	+ 7 23 59.7	+13.2
62	B. D.+ 8°2348	9	15 6.31	+ 0.46	+11.40	329 11 50.52	44.440	+ 5.76	– 34.3	10 15 18.17	– 1.56	+ 8 10 5.2	+13.1
63	B. D.+ 9°2344	9	17 0.17	+ 0.46	+11.40	330 29 49.58	40.785	+ 5.76	– 32.6	10 17 12.03	– 1.55	+ 9 26 42.6	+13.2

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
6 6 21	......	....	47.4	20, 23, 25, 28, 30, 36, 42. Bisections at I, II.					
6 50	29.64	47.8	47.5	37, 44. Bisections at VI, VII.					
7 19	......	....	47.2	46. Bisections at II, VII.					
7 49	29.635	47.7	47.1	61, 62. Bisection at II.					
8 37	29.625	47.0	46.9						
8 59	......	....	47.0						
9 20	29.62	48.0	47.4						
9 43	......	....	47.2	Note.					
10 5	29.60	48.0	47.2	1–63. Stars about a magnitude fainter than usual; air very moist.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 5°2331	9	20 11.29	+ 0.45	+11.40	326 41 50.30	43.412	+ 5.76	− 37.8	10 20 23.14	− 1.57	+ 5 39 38.2	+12.8
2	B. D.+11°2239	9	26 17.27	+ 0.47	+11.40	332 41 48.72	42.695	+ 5.76	− 29.7	10 26 29.14	− 1.52	+11 39 28.3	+13.3
3	B. D.+ 9°2374	9	29 49.68	+ 0.46	+11.40	330 9 49.05	45.740	+ 5.76	− 33.0	10 30 1.54	− 1.52	+ 9 8 35.0	+12.9
4	B. D.+15°2232	9	33 52.41	+ 0.48	+11.40	336 15 49.95	43.095	+ 5.76	− 25.3	10 34 4.29	− 1.49	+15 13 43.1	+13.5
5	41 Leonis Minoris	9	38 1.45	+ 0.50	**+11.41**	344 41 51.42	46.615	+ 5.76	− 15.7	10 38 13.35	.....	+23 41 14.6	....
6	*l* Leonis	9	44 2.36	+ 0.46	**+11.42**	332 3 49.28	46.692	+ 5.76	− 30.5	10 44 14.22	.....	+11 2 59.4	....
7	*d* Leonis	9	55 25.91	+ 0.44	**+11.35**	325 9 50.20	43.910	+ 5.76	− 40.0	10 55 37.75	.....	+ 4 7 47.3	....
8	χ Leonis	9	59 53.60	+ 0.45	**+11.37**	328 51 49.90	47.170	+ 5.76	− 34.7	11 0 5.45	.....	+ 7 51 6.8	....
	February 8, Br.												
9	Sun I, N	9	22 35.54	+ 0.43	+11.33	306 1 47.10	45.530	+ 6.60	−1 22.5	21 22 47.30	+67.57	−15 0 20.4	....
10	Sun II, S	9	24 50.68	+ 0.43	+11.33	305 29 46.22	44.270	+ 6.60	−1 24.1	21 25 2.44	−67.57	−15 32 51.7	....
11	*o* Tauri	9	19 27.44	+ 0.55	**+11.34**	329 41 50.58	47.818	+ 6.68	− 35.4	3 19 39.37	.....	+ 8 41 22.5	....
12	*s* Tauri	9	24 58.29	+ 0.56	+11.38	332 1 50.70	44.945	+ 6.68	− 32.2	3 25 10.23	− 0.62	+11 0 20.1	+ 7.9
13	11 H¹. Camelopardalis	9	33 38.89	+ 0.61	+11.38	23 53 52.88	48.035	+ 6.68	+ 27.1	3 33 50.88	− 1.74	+62 54 32.2	− 8.6
14	17 Tauri	4	38 59.32	+ 0.57	+11.38	344 49 49.58	45.145	+ 6.68	− 16.4	3 39 11.27	− 0.83	+23 48 39.6	+ 3.9
15	τ^7 Eridani	9	43 20.54	+ 0.46	+11.38	296 51 49.95	46.246	+ 6.68	−1 59.4	3 43 32.38	− 0.42	−24 10 37.9	+19.7
16	ζ Persei	9	47 54.81	+ 0.58	+11.38	352 35 52.58	48.018	+ 6.68	− 7.8	3 48 6.77	.....	+31 35 56.6	....
17	γ Eridani	9	53 21.77	+ 0.50	**+11.34**	307 15 48.25	43.235	+ 6.68	−1 19.9	3 53 33.65	.....	−13 47 9.0	....
18	*A* Tauri	9	58 50.09	+ 0.57	**+11.36**	342 49 49.68	46.482	+ 6.68	− 18.8	3 59 2.04	.....	+21 49 7.6	....
19	*p* Tauri	9	4 48.06	+ 0.57	+11.38	347 13 50.90	47.978	+ 6.68	− 13.7	4 5 0.01	− 0.99	+26 13 48.1	+ 4.0
20	*A* Eridani	9	9 38.49	+ 0.51	+11.38	310 31 47.60	46.085	+ 6.68	−1 11.1	4 9 50.38	− 0.69	−10 29 55.8	+16.5
21	γ Tauri	9	14 8.77	+ 0.56	**+11.36**	336 24	......	....	. ....	4 14 20.71	.....	+15 23	....
22	68 Tauri	9	19 45.10	+ 0.56	+11.38	338 43 50.62	44.772	+ 6.68	− 23.7	4 19 57.04	− 0.97	+17 42 24.6	+ 7.5
	February 8, Ei.-Y.												
23	δ Orionis	9	26 55.32	+ 0.53	**+11.43**	320 39 54.52	43.485	+ 7.06	− 50.1	5 27 7.37	.....	− 0 22 26.6	....
24	ζ Tauri	9	31 43.74	+ 0.55	**+11.48**	342 5 56.00	45.750	+ 7.06	− 19.7	5 31 55.81	.....	+21 4 56.7	....
25	B. D.+17°979	9	35 36.63	+ 0.55	+11.52	338 29 55.52	44.005	+ 7.06	− 24.1	5 35 48.70	− 1.31	+17 28 11.9	+10.1
26	B. D.+27°849	9	38 8.39	+ 0.55	+11.52	348 41 57.28	46.035	+ 7.06	− 12.2	5 38 20.46	− 1.43	+27 41 11.9	+ 7.3
27	130 Tauri	9	41 39.66	+ 0.55	+11.52	338 43 55.72	42.038	+ 7.06	− 23.8	5 41 51.73	− 1.33	+17 41 27.5	+10.3
28	B. D.+23°1087	9	45 49.73	+ 0.55	+11.52	344 21 55.78	46.660	+ 7.06	− 17.1	5 46 1.80	− 1.41	+23 21 19.9	+ 8.8
29	B. D.+20°1162	9	48 31.23	+ 0.55	+11.52	341 15 55.42	47.010	+ 7.06	− 20.7	5 48 43.30	− 1.38	+20 15 23.9	+ 9.8
30	B. D.+20°1199	9	53 1.32	+ 0.56	+11.52	341 41 56.02	43.105	+ 7.06	− 20.3	5 53 13.40	− 1.40	+20 39 55.7	+ 9.8
31	B. D.+28°997	9	58 1.62	+ 0.56	+11.52	349 17 57.40	48.472	+ 7.06	− 11.5	5 58 13.70	− 1.51	+28 18 8.5	+ 7.9
32	B. D.+29°1112	9	0 4.22	+ 0.56	+11.52	350 31 57.00	45.770	+ 7.06	− 10.2	6 0 16.30	− 1.53	+29 31 7.8	+ 7.6
33	B. D.+23°1226	9	3 43.64	+ 0.56	+11.52	344 9 55.28	42.262	+ 7.06	− 17.4	6 3 55.72	− 1.46	+23 7 38.3	+ 9.5
34	B. D.+20°1302	9	5 28.59	+ 0.56	+11.52	341 57 56.68	41.645	+ 7.06	− 20.0	6 5 40.67	− 1.44	+20 55 23.3	+10.1
35	B. D.+17°1182	9	8 41.57	+ 0.56	+11.52	338 57 56.18	43.100	+ 7.06	− 23.6	6 8 53.65	− 1.43	+17 55 52.4	+11.0
36	B. D.+24°1182	9	10 16.59	+ 0.56	+11.52	345 1 57.05	42.995	+ 7.06	− 16.4	6 10 28.67	− 1.50	+23 59 58.1	+ 9.5
37	B. D.+17°1203	9	13 16.33	+ 0.56	+11.52	338 23 55.35	42.540	+ 7.06	− 24.3	6 13 28.41	− 1.44	+17 21 38.1	+11.3
38	B. D.+19°1313	9	15 43.76	+ 0.56	+11.52	340 57 56.12	43.345	+ 7.06	− 21.2	6 15 55.84	− 1.47	+19 56 0.3	+10.7
39	B. D.+23°1347	9	19 32.31	+ 0.56	+11.52	344 23 55.88	44.945	+ 7.06	− 17.1	6 19 44.39	− 1.52	+23 22 40.8	+10.0
40	B. D.+30°1238	9	22 13.46	+ 0.56	+11.52	351 33 58.40	45.500	+ 7.06	− 9.0	6 22 25.54	− 1.61	+30 33 4.0	+ 8.3
41	B. D.+22°1364	9	26 1.88	+ 0.56	+11.52	343 15 55.98	46.058	+ 7.06	− 18.4	6 26 13.96	− 1.52	+22 15 5.0	+10.4
42	B. D.+20°1496	9	29 42.59	+ 0.56	+11.52	341 59 57.00	42.762	+ 7.06	− 19.9	6 29 54.67	− 1.52	+20 57 49.2	+10.8
43	B. D.+26°1300	9	32 31.18	+ 0.56	+11.52	347 35 55.62	45.238	+ 7.06	− 13.5	6 32 43.26	− 1.58	+26 34 50.5	+ 9.6
44	B. D.+17°1357	9	36 38.40	+ 0.56	+11.52	338 45 55.62	43.955	+ 7.06	− 23.9	6 36 50.48	− 1.51	+17 44 11.1	+11.8
45	B. D.+21°1372	9	40 20.80	+ 0.56	+11.52	342 39 56.18	42.730	+ 7.06	− 19.2	6 40 32.88	− 1.55	+21 37 48.3	+11.0
46	B. D.+25°1460	9	44 54.19	+ 0.56	+11.52	346 53 55.70	44.270	+ 7.06	− 14.3	6 45 6.27	− 1.61	+25 52 27.9	+10.2
47	B. D.+25°1496	9	49 14.08	+ 0.56	+11.52	346 29 57.25	47.240	+ 7.06	− 14.7	6 49 26.16	− 1.61	+25 29 37.0	+10.4
48	B. D.+20°1661	9	53 30.97	+ 0.57	+11.52	341 35 56.22	44.305	+ 7.06	− 20.4	6 53 43.06	− 1.58	+20 34 23.2	+11.6
49	*h* Geminorum	9	57 14.00	+ 0.56	+11.52	350 31 56.62	42.242	+ 7.06	− 10.2	6 57 26.08	− 1.68	+29 29 46.6	+ 9.9
50	B. D.+24°1531	9	1 15.90	+ 0.57	+11.52	345 19 55.95	45.392	+ 7.06	− 16.1	7 1 27.99	− 1.62	+24 18 52.0	+11.0
51	B. D.+27°1327	9	5 15.47	+ 0.57	+11.52	348 1 57.15	44.880	+ 7.06	− 13.0	7 5 27.56	− 1.66	+27 0 44.6	+10.6
52	B. D.+24°1576	9	8 24.71	+ 0.57	+11.52	345 53 56.10	44.078	+ 7.06	− 15.4	7 8 36.88	− 1.64	+24 52 22.9	+11.2
53	B. D.+26°1508	9	10 56.16	+ 0.57	+11.52	347 51 57.02	47.200	+ 7.06	− 13.2	7 11 8.25	− 1.67	+26 51 37.3	+10.8
54	B. D.+18°1593	9	17 19.44	+ 0.57	+11.52	339 27 55.88	46.820	+ 7.06	− 23.0	7 17 31.53	− 1.61	+18 27 17.7	+12.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 10 25	......	....	47.2
11 1	29.59	48.1	47.3
8 21 25	[illegible]	35.5	31.8
3 19	30.07	31.0	....
3 29	......	....	29.6
3 53	......	....	28.3
4 10	......	....	27.9
4 20	30.08	29.1	27.6
5 25	30.11	27.9	26.3
5 44	......	....	[illegible]
6 7	30.12	26.9	25.3
6 31	......	....	24.9
6 59	30.13	25.6	24.2

Micrometer bisections are made at II, VI, except as noted below.

9, 33, 43.	Bisections at I, II.
10, 14, 23, 32.	Bisections at VI, VII.
13.	Bisections at III, V.
15.	Bisections at I, II, VI, VII.

Note.

1-8. Stars about a magnitude fainter than usual; air very moist.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+ 7.2	−16 15.6	...	−16 8.4
10	+ 7.2	+16 15.7	...	+16 22.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+24°1659	9	20 59.60	+ 0.57	+11.52	345 7 55.85	45.790	+ 7.06	− 16.3	7 21 11.69	− 1.66	+24 7 0.8	+11.7
2	B. D.+28°1400	9	23 40.20	+ 0.57	+11.52	349 7 56.35	44.825	+ 7.06	− 11.8	7 23 52.29	− 1.70	+28 6 43.5	+11.0
3	B. D.+20°1822	9	24 34.42	+ 0.57	+11.52	341 1 55.48	45.515	+ 7.06	− 21.1	7 24 46.51	− 1.63	+20 0 49.4	+12.5
4	B. D.+21°1630	9	26 42.44	+ 0.57	+11.52	342 37 55.90	44.790	+ 7.06	− 19.2	7 26 54.53	− 1.64	+21 36 35.1	+12.2
5	B. D.+19°1784	9	31 44.67	+ 0.57	+11.52	340 9 55.00	43.145	+ 7.06	− 22.2	7 31 56.76	− 1.64	+19 7 53.7	+12.8
6	B. D.+26°1625	8	35 15.24	+ 0.57	+11.52	347 7 55.75	44.430	+ 7.06	− 14.0	7 35 27.33	− 1.70	+26 6 31.9	+11.7
7	B. D.+22°1756	9	37 28.80	+ 0.57	+11.52	343 37 55.68	46.870	+ 7.06	− 18.0	7 37 40.89	− 1.67	+22 37 23.3	+12.4
8	β Geminorum	9	39 16.20	+ 0.57	**+11.57**	349 15 57.42	46.405	+ 7.06	− 11.6	7 39 28.29	....	+28 15 20.8	....
9	B. D.+18°1733	3	40 23.57	+ 0.57	+11.52	339 45 55.42	44.705	+ 7.06	− 22.7	7 40 35.66	− 1.65	+18 44 29.2	+13.0
10	φ Geminorum	9	47 27.08	+ 0.58	**+11.50**	348 1 57.18	44.800	+ 7.06	− 13.0	7 47 39.18	....	+27 0 42.9	....
11	δ Cancri	9	39 3.43	+ 0.59	**+11.54**	339 31 55.92	44.025	+ 6.80	− 23.1	8 39 15.54	....	+18 30 13.5	....
12	ι Cancri	9	40 43.01	+ 0.59	**+11.58**	350 7 55.48	44.195	+ 6.80	− 10.7	8 40 55.12	....	+29 6 29.3	....
13	B. D.+19°2110	9	45 6.91	+ 0.59	+11.52	340 11 55.18	46.615	+ 6.80	− 22.2	8 45 19.02	− 1.68	+19 11 12.9	+13.9
14	B. D.+22°2014	9	48 35.37	+ 0.59	+11.52	343 35 55.60	44.905	+ 6.80	− 18.2	8 48 47.48	− 1.69	+22 34 38.2	+13.7
15	α Cancri	9	53 3.91	+ 0.59	**+11.47**	333 15 53.92	42.705	+ 6.80	− 31.1	8 53 16.02	....	+12 13 33.4	....
16	B. D.+22°2039	9	57 3.67	+ 0.59	+11.52	342 55 55.48	42.275	+ 6.80	− 19.0	8 57 15.78	− 1.68	+21 53 37.2	+13.8
17	B. D.+16°1901	9	0 41.48	+ 0.59	+11.52	337 15 55.12	45.082	+ 6.80	− 25.9	9 0 53.59	− 1.67	+16 14 34.1	+14.1
18	B. D.+18°2129	9	3 29.02	+ 0.59	+11.52	338 51 55.82	46.928	+ 6.80	− 23.9	9 3 41.13	− 1.66	+17 51 19.0	+14.1
19	B. D.+ 9°2133	9	6 7.41	+ 0.58	+11.52	330 23 54.28	43.838	+ 6.80	− 35.1	9 6 19.51	− 1.67	+ 9 21 55.6	+14.3
20	B. D.+20°2293	9	10 27.35	+ 0.59	+11.52	341 29 55.72	43.768	+ 6.80	− 20.7	9 10 39.46	− 1.66	+20 28 9.9	+14.0
21	B. D.+12°2009	9	12 28.52	+ 0.59	+11.52	332 55 54.62	43.855	+ 6.80	− 31.6	9 12 40.63	− 1.66	+11 53 59.6	+14.2
22	83 Cancri	8	13 27.08	+ 0.59	**+11.52**	339 7 55.92	44.890	+ 6.80	− 23.6	9 13 39.19	....	+18 6 33.0	....
23	B. D.+20°2314	9	18 11.91	+ 0.59	+11.52	341 47 56.28	44.042	+ 6.80	− 20.3	9 18 24.02	− 1.66	+20 46 16.8	+14.1
24	B. D.+17°2078	9	20 3.06	+ 0.59	+11.52	338 1 55.02	42.970	+ 6.80	− 25.0	9 20 15.17	− 1.65	+16 59 46.6	+14.2
25	B. D.+ 9°2188	9	23 8.63	+ 0.58	+11.52	330 29 54.70	44.750	+ 6.80	− 35.0	9 23 20.73	− 1.66	+ 9 28 17.0	+14.2
26	B. D.+14°2101	9	25 17.08	+ 0.59	+11.52	334 55 55.62	46.010	+ 6.80	− 28.9	9 25 29.19	− 1.64	+13 54 52.8	+14.2
27	B. D.+ 8°2243	9	29 24.52	+ 0.58	+11.52	329 37 54.72	45.822	+ 6.80	− 36.2	9 29 36.62	− 1.65	+ 8 36 40.3	+14.1
28	10 Leonis	9	31 58.23	+ 0.58	+11.52	328 17 54.60	43.578	+ 6.80	− 38.2	9 32 10.33	− 1.66	+ 7 15 46.9	+14.0
29	ο Leonis	9	35 51.24	+ 0.58	**+11.55**	331 21 54.48	42.790	+ 6.80	− 33.8	9 36 3.34	....	+10 19 33.2	....
30	B. D.+14°2139	9	40 39.95	+ 0.59	+11.52	334 55 53.68	42.085	+ 6.80	− 29.0	9 40 52.06	− 1.63	+13 53 21.1	+14.1
31	B. D.+18°2274	9	43 36.93	+ 0.59	+11.52	339 31 55.28	43.585	+ 6.80	− 23.1	9 43 49.04	− 1.62	+18 30 2.8	+14.2
32	B. D.+10°2065	9	47 53.50	+ 0.58	+11.52	331 5 54.00	42.418	+ 6.80	− 34.2	9 48 5.60	− 1.63	+10 3 23.8	+13.9
33	B. D.+15°2136	9	51 14.02	+ 0.59	+11.52	336 11 54.78	45.715	+ 6.80	− 27.3	9 51 26.13	− 1.61	+15 10 46.8	+14.1
34	B. D.+11°2136	9	53 27.78	+ 0.58	+11,52	331 55 53.68	46.010	+ 6.80	− 33.0	9 53 39.88	− 1.62	+10 54 46.8	+13.9
35	B. D.+10°2100	9	58 16.57	+ 0.58	+11.52	331 23 53.55	42.958	+ 6.80	− 33.8	9 58 28.67	− 1.61	+10 21 36.1	+13.8
36	B. D.+ 4°2291	9	1 21.58	+ 0.58	+11.52	324 57 54.78	45.548	+ 6.80	− 43.4	10 1 33.68	− 1.64	+ 3 56 26.9	+13.3
37	B. D.+19°2307	9	3 41.82	+ 0.59	+11.52	340 1 55.75	43.265	+ 6.80	− 22.5	10 3 53.93	− 1.58	+18 59 56.6	+14.2
38	B. D.+ 5°2301	9	7 38.19	+ 0.58	+11.52	326 7 54.52	42.110	+ 6.80	− 41.6	10 7 50.29	− 1.62	+ 5 5 9.9	+13.2
39	B. D.+ 7°2266	8	10 29.98	+ 0.58	+11.52	328 25 54.38	44.192	+ 6.80	− 38.1	10 10 42.08	− 1.60	+ 7 24 1.1	+13.4
40	B. D.+ 8°2348	9	15 6.03	+ 0.58	+11.52	329 11 54.15	44.375	+ 6.80	− 36.9	10 15 18.13	− 1.59	+ 8 10 6.0	+13.3
41	B. D.+ 9°2344	9	17 0.03	+ 0.58	+11.52	330 27 55.42	45.870	+ 6.80	− 35.1	10 17 12.13	− 1.58	+ 9 26 43.2	+13.4
42	B. D.+ 5°2331	9	20 11.03	+ 0.58	+11.52	326 41 53.62	43.380	+ 6.80	− 40.7	10 20 23.13	− 1.60	+ 5 39 38.9	+13.0
43	B. D.+17°2231	9	23 22.10	+ 0.59	+11.52	338 37 55.25	46.675	+ 6.80	− 24.2	10 23 34.21	− 1.54	+17 37 12.3	+14.0
44	B. D.+11°2239	9	26 17.08	+ 0.59	+11.52	332 41 54.85	42.490	+ 6.80	− 32.0	10 26 29.19	− 1.55	+11 39 28.5	+13.0
45	B. D.+ 9°2374	9	29 49.50	+ 0.58	+11.52	330 9 53.18	45.672	+ 6.80	− 35.5	10 30 1.60	− 1.55	+ 9 8 36.1	+13.1
46	B. D.+15°2232	9	33 52.24	+ 0.59	+11.52	336 15 54.38	42.962	+ 6.80	− 27.3	10 34 4.35	− 1.51	+15 13 43.5	+13.7
47	41 Leonis Minoris	9	38 1.26	+ 0.59	**+11.54**	344 41 56.50	46.415	+ 6.80	− 16.9	10 38 13.37	....	+23 41 14.9	....
48	l Leonis	9	44 2.19	+ 0.58	**+11.50**	332 3 54.75	46.520	+ 6.80	− 32.9	10 44 14.29	....	+11 2 59.6	....
	February 8, Br.												
49	6 B. Ursæ Minoris	8	14 23.44	− 2.14	+11.39	49 14 1.52	43.460	+ 7.01	+1 12.2	12 14 32.69	....	+88 13 40.8	....
50	θ Virginis	9	4 47.86	+ 0.58	**+11.39**	315 59 55.02	45.998	+ 7.01	−1 0.0	13 4 59.83	....	− 5 1 38.9	....
51	20 Canum Venaticorum	9	13 3.10	+ 0.59	+11.39	2 5 57.88	43.402	+ 7.01	+ 2.3	13 13 15.08	....	+41 4 26.8	....
52	α Ursæ Minoris S. P.	7	24 4.50	+ 4.91	+11.39	52 11 58.68	44.135	+ 7.01	+1 20.5	1 24 20.80	....	+88 47 56.6	....
53	m Virginis	9	36 23.33	+ 0.57	**+11.44**	312 47 55.05	47.650	+ 7.01	−1 7.1	13 36 35.29	....	− 8 13 8.2	....
54	τ Boötis	9	42 30.77	+ 0.60	+11.39	338 57 56.78	43.285	+ 7.01	− 23.9	13 42 42.76	....	+17 55 56.9	....
55	η Boötis	9	49 55.52	+ 0.60	**+11.38**	339 53 56.72	44.928	+ 7.01	− 22.8	13 50 7.51	....	+18 52 35.5	....
56	50 Cassiopeiæ S. P.	9	55 1.99	+ 0.99	+11.39	69 1 58.45	41.413	+ 7.01	+2 42.2	1 55 14.37	....	+71 57 38.0	....
57	π Hydræ	9	0 43.43	+ 0.52	+11.39	294 49 52.75	45.524	+ 7.01	−2 13.9	14 0 55.34	....	−26 13 5.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
8 7 23	......	....	23.9	2, 7, 8, 21, 23. Bisections at I, II.					
7 49	30.13	24.5	23.2	22, 39. Bisections at VI, VII.					
8 38	30.15	24.5	22.2	30. Bisections at II, VII.					
8 59	......	....	22.0	49, 56. Bisections at III, IV, V.					
9 21	30.135	22.8	21.5	52. Bisections at b_2, b_5, b_8.					
9 43	......	....	21.1	57. Bisections at I, II, VI, VII.					
10 5	30.13	22.0	21.0						
10 25	......	....	20.8						
10 46	30.13	21.5	20.3						
12 13	30.13	21.6	19.8						
13 5	30.13	20.7	19.0						
14 1	......	....	18.3						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Boötis	9	11 5.52	+ 0.60	**+11.38**	340 41 57.38	45.398	+ 7.01	− 21.8	14 11 17.51	.....	+19 40 47.9	....
2	θ Boötis	9	21 43.89	+ 0.57	+11.39	13 17 57.90	45.442	+ 7.01	+ 14.8	14 21 55.85	.....	+52 17 26.0	....
3	5 Ursæ Minoris	9	27 30.58	+ 0.36	+11.39	37 7 59.50	43.138	+ 7.01	+ 47.4	14 27 42.33	.....	+76 7 7.4	....
4	33 Boötis	9	35 4.06	+ 0.58	+11.39	5 49 56.22	44.530	+ 7.01	+ 6.5	14 35 16.03	.....	+44 48 55.1	....
5	ε Boötis	9	40 35.97	+ 0.60	**+11.40**	348 29 57.32	44.422	+ 7.01	− 12.6	14 40 47.96	.....	+27 28 34.7	....
6	α Libræ	9	45 22.71	+ 0.56	**+11.39**	305 23 53.88	45.008	+ 7.01	−1 27.5	14 45 34.66	.....	−15 38 30.2	....
7	47 H. Cephei s. P.	9	53 8.27	+ 1.19	+11.39	61 57 59.25	40.842	+ 7.01	+1 57.1	2 53 20.85	.....	+79 2 35.2	....
8	57 B. Ursæ Minoris	6	7 36.48	− 1.40	+11.39	48 35 59.38	44.313	+ 7.01	+1 10.9	15 7 46.47	.....	+87 35 57.4	....
9	η Coronæ Borealis	9	19 2.36	+ 0.60	+11.39	351 39 58.38	42.492	+ 7.01	− 9.1	15 19 14.35	.....	+30 37 55.1	....
10	β Coronæ Borealis	9	23 40.26	+ 0.60	**+11.44**	350 25 56.45	48.260	+ 7.01	− 10.4	15 23 52.25	.....	+29 26 3.7	....
11	γ Libræ	9	29 57.73	+ 0.56	**+11.42**	306 33 54.80	45.908	+ 7.01	−1 23.9	15 30 9.68	.....	−14 28 5.0	....
12	Moon II, S.	9	5 17.01	+ 0.57	+11.40	303 57 55.08	45.467	+ 7.01	−1 32.4	16 5 28.98	−66.14	−17 4 23.4	....
13	Venus II, C.	9	53 6.62	+ 0.56	+11.40	299 9 54.58	43.240	+ 6.57	−1 50.8	18 53 18.58	− 0.51	−21 53 33.5	....
	February 9, Br.												
14	Sun I, S.	7	26 34.69	+ 0.63	+11.40	305 47 53.15	46.605	+ 6.49	−1 24.7	21 26 46.72	+67.42	−15 13 52.1	....
15	Sun II, N.	9	28 49.54	+ 0.63	+11.40	306 19 53.98	47.522	+ 6.49	−1 23.1	21 29 1.57	−67.43	−14 41 28.7	....
16	κ Ceti	9	14 8.02	+ 0.61	+11.41	324 1 57.55	46.812	+ 5.69	− 44.6	3 14 20.04	− 0.46	+ 3 0 56.3	+10.4
17	ο Tauri	9	19 27.33	+ 0.62	**+11.36**	329 41 56.52	47.605	+ 5.69	− 35.9	3 19 39.36	.....	+ 8 41 22.1	....
18	s Tauri	9	24 58.17	+ 0.62	+11.41	332 1 56.48	44.758	+ 5.69	− 32.7	3 25 10.20	− 0.60	+11 0 20.2	+ 8.0
19	11 H^1. Camelopardalis	9	33 38.83	+ 0.59	+11.41	23 53 58.55	47.775	+ 5.69	+ 27.4	3 33 50.83	− 1.70	+62 54 31.2	− 8.6
20	17 Tauri	9	38 59.20	+ 0.62	+11.41	344 49 56.92	44.910	+ 5.69	− 16.7	3 39 11.23	− 0.81	+23 48 40.0	+ 3.9
21	τ^7 Eridani	9	43 20.43	+ 0.55	+11.41	296 51 55.12	46.148	+ 5.69	−2 1.0	3 43 32.39	− 0.40	−24 10 37.6	+19.8
22	ζ Persei	9	47 54.68	+ 0.62	+11.41	352 35 57.92	47.822	+ 5.69	− 7.9	3 48 6.71	.....	+31 35 56.6	....
23	γ Eridani	9	53 21.61	+ 0.58	**+11.40**	307 15 56.00	42.995	+ 5.69	−1 20.9	3 53 33.60	.....	−13 47 8.8	....
24	A Tauri	9	58 49.98	+ 0.62	**+11.40**	342 49 56.60	46.238	+ 5.69	− 19.0	3 59 2.01	.....	+21 49 7.8	....
25	p Tauri	9	4 47.95	+ 0.62	+11.41	347 13 57.78	47.728	+ 5.69	− 13.9	4 4 59.98	− 0.98	+26 13 48.1	+ 4.1
26	A Eridani	9	9 38.37	+ 0.59	+11.41	310 31 55.28	45.862	+ 5.69	−1 12.0	4 9 50.37	− 0.67	−10 29 55.1	+16.5
27	γ Tauri	9	14 8.64	+ 0.62	**+11.41**	336 23 56.15	48.005	+ 5.69	− 26.9	4 14 20.67	.....	+15 23 39.8	....
28	68 Tauri	9	19 45.02	+ 0.62	+11.41	338 43 56.88	44.575	+ 5.69	− 24.0	4 19 57.05	− 0.95	+17 42 25.1	+ 7.6
	February 9, Ei.-Y.												
29	δ Orionis	9	26 55.12	+ 0.61	**+11.54**	320 39 54.95	43.552	+ 5.79	− 50.6	5 27 7.27	.....	− 0 22 26.7	....
30	ζ Tauri	9	31 43.61	+ 0.63	**+11.52**	342 5 56.85	45.782	+ 5.78	− 19.9	5 31 55.78	.....	+21 4 56.8	....
31	B. D.+22°996	9	36 4.92	+ 0.63	+11.54	343 37 57.20	44.875	+ 5.77	− 18.1	5 36 17.09	− 1.35	+22 36 37.9	+ 8.7
32	B. D.+21°946	9	37 26.07	+ 0.63	+11.54	342 23 56.82	43.690	+ 5.77	− 19.6	5 37 38.24	− 1.34	+21 22 9.2	+ 9.1
33	B. D.+16°855	9	39 10.56	+ 0.63	+11.54	337 3 56.95	44.970	+ 5.76	− 26.1	5 39 22.73	− 1.30	+16 2 32.1	+10.7
34	B. D.+24°963	9	41 51.57	+ 0.63	+11.54	345 39 57.95	45.725	+ 5.75	− 15.8	5 42 3.74	− 1.39	+24 39 0.7	+ 8.3
35	B. D.+26°985	9	46 56.62	+ 0.63	+11.54	347 25 56.00	46.310	+ 5.74	− 13.7	5 47 8.79	− 1.43	+26 25 14.2	+ 9.0
36	B. D.+19°1126	9	49 4.90	+ 0.63	+11.54	340 43 57.62	47.912	+ 5.74	− 21.6	5 49 17.07	− 1.37	+19 43 44.5	+10.0
37	B. D.+18°1040	9	53 5.24	+ 0.63	+11.54	339 49 56.32	44.852	+ 5.73	− 22.7	5 53 17.41	− 1.37	+18 48 32.2	+10.3
38	B. D.+20°1233	9	58 2.37	+ 0.63	+11.54	341 7 57.02	49.445	+ 5.72	− 21.1	5 58 14.54	− 1.40	+20 8 19.4	+10.1
39	B. D.+21°1116	9	0 45.89	+ 0.63	+11.54	342 53 56.95	47.540	+ 5.72	− 19.0	6 0 58.06	− 1.43	+21 53 37.9	+ 9.7
40	B. D.+19°1237	9	4 7.99	+ 0.63	+11.54	340 41 57.02	47.105	+ 5.70	− 21.6	6 4 20.16	− 1.42	+19 41 25.1	+10.4
41	B. D.+27°1013	9	5 35.51	+ 0.63	+11.54	348 9 57.60	45.920	+ 5.70	− 12.9	6 5 47.68	− 1.50	+27 9 7.6	+ 8.5
42	η Geminorum	9	8 54.31	+ 0.63	**+11.55**	343 31 57.00	48.372	+ 5.70	− 18.2	6 9 6.48	.....	+22 31 57.7	....
43	B. D.+17°1191	9	10 38.39	+ 0.63	+11.54	338 13 56.62	45.255	+ 5.69	− 24.7	6 10 50.56	− 1.42	+17 12 39.6	+11.3
44	B. D.+23°1301	9	13 21.78	+ 0.63	+11.54	344 19 56.40	44.862	+ 5.69	− 17.3	6 13 33.95	− 1.49	+23 18 37.8	+10.0
45	B. D.+23°1322	9	15 47.12	+ 0.63	+11.54	344 49 58.00	43.620	+ 5.68	− 16.8	6 15 59.29	− 1.50	+23 48 11.5	+ 9.7
46	B. D.+21°1232	9	19 46.42	+ 0.63	+11.54	342 41 56.50	47.895	+ 5.68	− 19.2	6 19 58.59	− 1.49	+21 41 45.5	+10.4
47	B. D.+27°1122	9	22 45.25	+ 0.63	+11.54	348 1 58.25	47.342	+ 5.67	− 13.1	6 22 57.42	− 1.56	+27 1 40.5	+ 9.1
48	B. D.+17°1286(*pr.*)	9	26 31.04	+ 0.63	+11.54	338 51 56.40	45.280	+ 5.66	− 23.9	6 26 43.21	− 1.48	+17 50 41.0	+11.6
49	B. D.+17°1306	9	30 7.65	+ 0.63	+11.54	338 45 56.75	48.785	+ 5.65	− 24.0	6 30 19.82	− 1.48	+17 46 1.1	+11.6
50	B. D.+22°1416	9	33 8.22	+ 0.63	+11.54	343 7 57.28	45.288	+ 5.64	− 18.8	6 33 20.39	− 1.53	+22 6 46.9	+10.7
51	ε Geminorum	9	37 51.00	+ 0.63	**+11.55**	346 13 58.62	46.815	+ 5.64	− 15.1	6 38 3.17	.....	+25 13 26.8	....
52	B. D.+18°1349	9	41 36.24	+ 0.63	+11.54	339 17 57.35	47.895	+ 5.63	− 23.4	6 41 48.41	− 1.52	+18 17 41.9	+11.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 14 11	30.14	19.7	....
14 41	....	....	18.2
15 19	....	....	18.1
15 30	30.15	19.0	18.0
16 5	30.15	19.0	18.0
18 53	30.175	24.8	21.0
9 21 29	30.15	28.2	26.3
3 14	30.12	25.6	24.0
3 48	....	....	23.2
3 59	30.12	24.1	....
4 14	....	....	23.0
4 20	30.12	24.0	23.0
5 25	30.12	23.0	22.0
5 51	....	....	21.5
6 17	30.12	22.0	21.0

Micrometer bisections are made at II, VI, except as noted below.

2, 3, 19. Bisections at III, V.
7. Bisections at III, IV, V.
8. Bisections at b_1, b_5, b_6.
12. Bisections at II, III, IV, V, VI.
13, 21. Bisections at I, II, VI, VII.
14, 31, 40. Bisections at I, II.
15, 22, 46, 48. Bisections at VI, VII.

Notes.

10. Micrometer reading increased 5 rev.
13–28. Clouds.
21. Very faint.
52. Revolutions of micrometer reading assumed.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
12	+46 21.5	+15 19.1	...	+61 40.6
13	+ 6.4	.. ....	0.0	+ 6.4
14	+ 7.2	+16 11.7	...	+16 18.9
15	+ 7.1	−16 11.6	...	−16 4.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+21°1405	9	45 37.28	+ 0.63	+11.54	342 53 57.65	44.065	+ 5.62	− 19.0	6 45 49.45	− 1.56	+21 52 19.3	+11.1
2	B. D.+27°1270	9	49 46.13	+ 0.63	+11.54	348 25 59.92	43.835	+ 5.61	− 12.7	6 49 58.30	− 1.63	+27 24 22.4	+10.0
3	B. D.+16°1354	9	54 34.21	+ 0.63	+11.54	337 13 57.72	44.912	+ 5.60	− 26.0	6 54 46.38	− 1.54	+16 12 31.5	+12.6
4	B. D.+27°1307	9	57 27.92	+ 0.63	+11.54	348 9 58.65	44.405	+ 5.59	− 13.0	6 57 40.09	− 1.64	+27 8 33.8	+10.3
5	45 Geminorum	9	2 41.17	+ 0.63	+11.54	337 5 57.02	45.875	+ 5.59	− 26.2	7 2 53.34	− 1.56	+16 4 52.6	+12.8
6	B. D.+15°1494	9	5 37.34	+ 0.63	+11.54	336 29 56.62	46.900	+ 5.58	− 26.9	7 5 49.51	− 1.56	+15 29 14.9	+13.0
7	B. D.+25°1618	9	8 39.20	+ 0.63	+11.54	346 3 57.88	45.610	+ 5.57	− 15.3	7 8 51.37	− 1.64	+25 2 58.3	+11.1
8	λ Geminorum	9	12 24.06	+ 0.63	**+11.54**	337 43 55.90	45.288	+ 5.56	− 25.4	7 12 36.23	.....	+16 42 38.8	....
9	B. D.+17°1561	9	17 22.18	+ 0.63	+11.54	338 37 56.38	41.958	+ 5.55	− 24.3	7 17 34.35	− 1.60	+17 35 24.5	+12.4
10	B. D.+21°1596	9	20 59.34	+ 0.63	+11.54	342 43 56.48	47.222	+ 5.54	− 19.2	7 21 11.51	− 1.63	+21 43 29.8	+12.1
11	B. D.+16°1490	9	23 47.87	+ 0.63	+11.54	337 23 56.68	42.270	+ 5.54	− 25.8	7 24 0.04	− 1.60	+16 21 30.3	+13.1
12	B. D.+24°1727	9	32 15.44	+ 0.63	+11.54	345 35 57.68	44.112	+ 5.52	− 15.9	7 32 27.61	− 1.68	+24 34 23.2	+11.9
13	B. D.+21°1661	9	35 21.01	+ 0.63	+11.54	342 41 56.98	43.362	+ 5.51	− 19.3	7 35 33.18	− 1.66	+21 40 2.0	+12.4
14	B. D.+27°1470	9	39 49.09	+ 0.63	+11.54	347 57 57.68	46.430	+ 5.50	− 13.2	7 40 1.26	− 1.70	+26 57 18.8	+11.7
15	B. D.+15°1676	9	44 55.96	+ 0.63	+11.54	336 5 56.92	45.905	+ 5.49	− 27.5	7 45 8.13	− 1.63	+15 4 51.8	+13.7
16	φ Geminorum	9	47 26.98	+ 0.63	**+11.55**	348 1 58.32	44.815	+ 5.49	− 13.1	7 47 39.15	.....	+27 0 42.7	....
17	B. D.+25°1794	8	50 3.87	+ 0.63	+11.54	345 55 57.05	45.612	+ 5.48	− 15.5	7 50 16.04	− 1.70	+24 54 57.2	+12.3
18	B. D.+18°1816	9	51 58.07	+ 0.63	+11.54	339 31 56.92	44.315	+ 5.47	− 23.1	7 55 10.84	− 1.66	+18 30 19.8	+13.3
19	χ Geminorum	9	57 26.97	+ 0.63	**+11.60**	349 3 57.68	47.302	+ 5.46	− 11.9	7 57 39.14	.....	+28 3 40.0	....
	February 10, Br.												
20	Moon II	9	52 18.22	+ 0.60	+11.43	302 2	......	.. ..	. ....	17 52 30.25	−65.42	.. ..	....
21	Venus II, C	9	3 33.97	+ 0.59	+11.43	299 17 56.72	43.195	+ 6.32	−1 49.4	19 3 45.99	− 0.50	−21 45 31.3	....
22	Mercury C, C	9	50 11.86	+ 0.59	+11.43	300 21 56.85	43.998	+ 6.05	−1 44.3	19 50 23.88	− 0.08	−20 41 8.0	....
	February 11, Br.												
23	Sun N	.	.. ..	....	.....	306 59 55.55	43.690	+ 5.50	−1 20.4	21 35	.....	−14 2 52.9	....
24	Sun S	.	.. ..	....	.....	306 27 55.85	42.522	+ 5.50	−1 22.0	.. ..	.....	−14 35 21.0	....
25	ζ Orionis	9	35 43.96	+ 0.61	**+11.49**	319 1 58.05	45.188	+ 5.74	− 53.0	5 35 56.02	.....	− 1 59 48.7	....
26	γ Leporis	8	40 16.80	+ 0.55	+11.45	298 33 55.75	44.508	+ 5.74	−1 51.7	5 40 28.80	− 1.14	−22 29 5.1	+20.9
27	ν Aurigæ	9	44 39.74	+ 0.66	+11.45	0 7 59.70	45.458	+ 5.74	+ 0.2	5 44 51.85	.....	+39 7 12.4	....
28	α Orionis	9	49 47.67	+ 0.63	**+11.47**	328 23 56.22	47.160	+ 5.74	− 37.5	5 49 59.75	.....	+ 7 23 10.0	....
29	μ Orionis	9	56 55.33	+ 0.64	+11.45	330 39 56.58	45.650	+ 5.74	− 34.3	5 57 7.42	− 1.29	+ 9 38 39.1	+13.0
30	36 Camelopardalis	9	3 2.57	+ 0.66	+11.45	26 46 1.12	41.788	+ 5.74	+ 30.9	6 3 14.68	− 2.89	+65 44 20.5	− 1.4
31	η Geminorum	9	8 54.34	+ 0.65	**+11.48**	343 33 57.18	43.085	+ 5.74	− 18.0	6 9 6.44	.....	+22 31 57.3	....
32	7 Monocerotis	7	14 54.61	+ 0.60	+11.45	313 15 57.65	42.030	+ 5.74	−1 4.9	6 15 6.66	.....	− 7 47 12.8	....
33	6 Lyncis	9	22 17.28	+ 0.68	+11.45	19 16 0.18	41.410	+ 5.74	+ 21.5	6 22 29.41	− 2.40	+58 14 1.6	+ 1.4
34	8 Lyncis	9	28 45.68	+ 0.67	+11.45	22 33 59.25	46.372	+ 5.74	+ 25.5	6 28 57.80	.....	+61 33 58.0	....
35	*S* Monocerotis	9	35 30.87	+ 0.64	**+11.42**	330 59 56.35	46.245	+ 5.74	− 33.8	6 35 42.96	.....	+ 9 58 52.9	....
36	ξ Geminorum	9	39 43.51	+ 0.64	**+11.45**	333 59 56.70	48.402	+ 5.74	− 29.8	6 39 55.60	.....	+12 59 46.6	....
37	24 H. Camelopardalis	9	45 57.91	+ 0.62	+11.45	38 6 0.45	45.628	+ 5.74	+ 48.1	6 46 9.98	− 5.25	+77 6 4.7	− 0.6
38	ι Canis Majoris	9	51 40.86	+ 0.57	+11.45	304 7 54.45	41.055	+ 5.74	−1 30.0	6 51 52.88	− 1.50	−16 56 3.7	+19.2
39	22 Canis Majoris	9	57 43.36	+ 0.53	+11.45	293 15 55.75	42.989	+ 5.74	−2 21.4	6 57 55.34	− 1.61	−27 48 9.5	+20.5
40	64 Aurigæ	9	11 11.62	+ 0.66	+11.45	2 3 58.85	45.298	+ 5.74	+ 2.3	7 11 23.73	− 1.87	+41 3 9.9	+ 7.8
41	ρ Geminorum	9	22 45.92	+ 0.66	+11.45	352 59 57.95	43.755	+ 5.74	− 7.5	7 22 58.03	.....	+31 58 23.9	....
42	108 G. Puppis	9	29 46.29	+ 0.55	+11.45	298 57 56.80	43.082	+ 5.74	−1 50.2	7 29 58.29	− 1.69	−22 5 35.1	+18.9
43	26 Monocerotis	8	36 29.24	+ 0.60	+11.45	311 41 55.18	45.832	+ 5.74	−1 8.6	7 36 41.29	.....	− 9 19 52.4	....
44	4 Puppis	8	41 21.29	+ 0.58	+11.45	306 41 54.65	45.885	+ 5.74	−1 22.1	7 41 33.32	− 1.66	−14 20 5.4	+17.7
45	φ Geminorum	9	47 27.04	+ 0.65	**+11.46**	348 1 58.95	44.798	+ 5.74	− 13.0	7 47 39.14	.....	+27 0 43.3	....
46	53 Camelopardalis	9	53 21.31	+ 0.67	+11.45	21 35 58.85	44.305	+ 5.74	+ 24.4	7 53 33.43	.....	+60 35 9.1	....
47	μ Cancri	9	1 56.58	+ 0.65	+11.45	342 53 56.02	41.838	+ 5.74	− 18.9	8 2 8.68	− 1.68	+21 51 26.8	+13.0
48	β Cancri	9	11 8.21	+ 0.63	**+11.43**	330 29 56.62	45.738	+ 5.74	− 34.6	8 11 20.29	.....	+ 9 28 40.9	....
49	30 Monocerotis	9	20 41.49	+ 0.61	**+11.49**	317 25 57.08	45.350	+ 5.74	− 56.2	8 20 53.55	.....	− 3 35 49.1	....
	February 11, M.												
50	6 B. Ursæ Minoris	7	14 24.81	− 1.84	+11.53	49 14 2.08	43.522	+ 5.91	+1 11.8	12 14 34.50	.....	+88 13 42.1	....
51	θ Virginis	9	4 47.76	+ 0.63	**+11.52**	315 59 55.70	45.940	+ 5.91	− 59.5	13 4 59.92	.....	− 5 1 40.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 6 48	......	....	20.6
7 10	30.12	21.1	20.3
7 34	......	....	20.2
7 59	30.12	20.7	20.1
10 19 4	30.15	25.1	24.0
19 50	30.15	28.1	26.1
11 21 37	30.14	30.2	30.6
5 36	30.10	27.0	27.2
6 9	......	....	27.0
6 36	30.09	25.5	26.8
6 58	......	....	26.5
7 30	30.08	23.9	25.8
7 47	......	....	25.0
8 21	30.06	23.4	24.8
12 15	30.02	20.0	21.0
13 5	30.02	20.7	....

Micrometer bisections are made at II, VI, except as noted below.

1, 9, 24, 27, 32.	Bisections at VI, VII.
21, 22, 39, 42.	Bisections at I, II, VI, VII.
23.	Bisections at I, II.
30, 33, 34, 37, 40.	Bisections at III, V.
44.	Bisection at II.
50.	Bisections at b_3, b_4, b_5, b_6, b_7.

Note.

44, 50. Revolution of micrometer reading assumed.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
21	+ 6.4	.. ....	0.0	+ 6.4
22	+ 7.5	.. ....	− 0.2	+ 7.3
23	+ 7.1	−16 14.0	...	−16 6.9
24	+ 7.1	+16 14.1	...	+16 21.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Ursæ Minoris s. P.	9	24 1.78	+ 0.57	+11.53	52 12 1.00	44.174	+ 5.91	+1 19.7	1 24 17.88	.....	+88 47 55.7	....
2	η Boötis	9	49 55.39	+ 0.65	**+11.55**	339 53 56.95	44.885	+ 5.91	− 22.5	13 50 7.57	.....	+18 52 33.9	....
3	50 Cassiopeiæ s. P.	7	55 1.80	+ 1.01	+11.53	69 1 59.30	41.575	+ 5.91	+2 40.4	1 55 14.34	.....	+71 57 36.4	....
4	π Hydræ	9	0 43.32	+ 0.58	+11.53	294 49 54.55	45.331	+ 5.91	−2 12.4	14 0 55.43	.....	−26 13 8.0	....
5	α Boötis	9	11 5.45	+ 0.65	**+11.49**	340 41 55.82	45.432	+ 5.91	− 21.6	14 11 17.63	.....	+19 40 46.2	....
6	33 Boötis	9	35 3.94	+ 0.64	+11.53	5 49 57.82	44.490	+ 5.91	+ 6.4	14 35 16.11	.....	+44 48 54.6	....
7	ε Boötis	9	40 35.95	+ 0.65	**+11.46**	348 29 58.38	44.402	+ 5.91	− 12.6	14 40 48.13	.....	+27 28 34.2	....
8	α Libræ	9	45 22.63	+ 0.61	**+11.51**	305 23 54.72	44.930	+ 5.91	−1 26.9	14 45 34.77	.....	−15 38 31.6	....
	February 13, R.												
9	Sun I, S.	9	42 24.02	+ 0.73	+11.52	307 5 56.58	46.705	+ 2.76	−1 21.3	21 42 36.27	+67.05	−13 55 46.7	....
10	Sun II, N	9	44 38.13	+ 0.73	+11.52	307 37 57.82	47.720	+ 2.76	−1 19.8	21 44 50.38	−67.06	−13 23 20.8	....
11	δ Eridani	9	38 27.21	+ 0.65	**+11.54**	310 55 57.35	46.835	+ 2.13	−1 10.5	3 38 39.38	.....	−10 5 32.8	....
12	27 Tauri	9	43 15.74	+ 0.67	+11.52	344 46 0.20	47.262	+ 2.13	− 16.6	3 43 27.93	− 0.76	+23 45 33.6	+ 4.2
13	ζ Persei	9	47 54.43	+ 0.66	+11.52	352 36 0.78	47.815	+ 2.13	− 7.9	3 48 6.61	.....	+31 35 55.5	....
14	γ Eridani	9	53 21.34	+ 0.64	**+11.54**	307 15 57.58	43.028	+ 2.13	−1 20.5	3 53 33.50	.....	−13 47 9.6	....
15	ν Tauri	9	57 51.44	+ 0.67	**+11.50**	326 43 57.98	47.528	+ 2.13	− 40.2	3 58 3.63	.....	+ 5 43 13.9	....
16	43 Tauri	9	3 22.98	+ 0.67	+11.52	340 21 58.20	46.782	+ 2.13	− 21.8	4 3 35.17	.....	+19 21 15.4	....
17	o^1 Eridani	5	6 59.20	+ 0.66	**+11.50**	313 55 57.78	46.625	+ 2.13	−1 3.5	4 7 11.38	.....	− 7 5 29.9	....
18	γ Tauri	9	14 8.44	+ 0.67	**+11.50**	336 23 58.40	48.005	+ 2.13	− 26.7	4 14 20.63	.....	+15 23 38.7	....
19	68 Tauri	9	19 44.78	+ 0.67	+11.52	338 43 58.78	44.632	+ 2.13	− 23.8	4 19 56.97	− 0.89	+17 42 24.9	+ 7.6
	February 14, M.												
20	6 B. Ursæ Minoris	5	14 26.98	− 0.56	+11.42	49 14 2.40	43.907	+ 0.68	+1 9.2	12 14 37.84	.....	+88 13 43.1	....
21	α Ursæ Minoris s. P.	9	23 57.00	+ 2.80	+11.42	52 12 0.98	44.580	+ 0.68	+1 17.0	1 24 11.22	.....	+88 47 54.4	....
22	τ Boötis	9	42 30.73	+ 0.72	+11.42	338 57 58.65	43.405	+ 0.68	− 22.9	13 42 42.87	.....	+17 55 56.2	....
23	η Boötis	9	49 55.58	+ 0.72	**+11.37**	339 53 58.32	45.025	+ 0.68	− 21.8	13 50 7.72	.....	+18 52 34.0	....
24	50 Cassiopeiæ s. P.	9	55 1.64	+ 0.94	+11.42	69 2 1.70	41.890	+ 0.68	+2 35.5	1 55 14.00	.....	+71 57 36.8	....
25	π Hydræ	9	0 43.38	+ 0.62	+11.42	294 49 55.65	45.305	+ 0.68	−2 8.4	14 0 55.42	.....	−26 13 8.7	....
26	55 Cassiopeiæ s. P.	9	6 44.47	+ 0.94	+11.42	74 54 1.28	41.624	+ 0.68	+3 39.4	2 6 56.83	.....	+66 4 39.0	....
27	α Boötis	8	11 5.54	+ 0.72	**+11.42**	340 41 58.68	45.515	+ 0.68	− 20.9	14 11 17.68	.....	+19 40 46.6	....
28	ρ Boötis	9	27 29.95	+ 0.72	+11.42	351 48 0.40	46.488	+ 0.68	− 8.6	14 27 42.09	.....	+30 47 22.7	....
29	33 Boötis	9	35 4.04	+ 0.73	+11.42	5 49 59.65	44.632	+ 0.68	+ 6.2	14 35 16.19	.....	+44 48 54.2	....
30	ε Boötis	9	40 36.01	+ 0.72	**+11.43**	348 29 59.88	44.525	+ 0.68	− 12.2	14 40 48.15	.....	+27 28 33.7	....
31	α Libræ	9	45 22.77	+ 0.65	**+11.42**	305 23 56.28	44.955	+ 0.68	−1 24.1	14 45 34.84	.....	−15 38 31.9	....
32	321 B. Boötis	9	51 29.78	+ 0.71	+11.42	335 51 57.35	43.645	+ 0.68	− 26.8	14 51 41.91	.....	+14 49 56.5	....
33	3 Serpentis	9	10 13.44	+ 0.70	+11.42	326 19 56.40	43.548	+ 0.68	− 39.9	15 10 25.56	.....	+ 5 17 40.2	....
34	η Coronæ Borealis	9	19 2.39	+ 0.72	+11.42	351 40 0.20	42.620	+ 0.68	− 8.8	15 19 14.53	.....	+30 37 53.9	....
35	β Coronæ Borealis	9	23 40.33	+ 0.72	**+11.44**	350 25 59.18	48.358	+ 0.68	− 10.1	15 23 52.47	.....	+29 26 2.7	....
36	γ Libræ	9	29 57.78	+ 0.66	**+11.45**	306 33 58.82	45.782	+ 0.68	−1 20.8	15 30 9.86	.....	−14 28 7.1	....
37	ζ Coronæ Borealis (*fol.*)	9	35 33.66	+ 0.73	+11.42	357 57 59.95	44.330	+ 0.68	− 2.1	15 35 45.81	− 0.03	+36 56 39.4	+11.4
38	α Serpentis	8	39 20.54	+ 0.70	**+11.45**	327 43 55.90	48.575	+ 0.68	− 37.9	15 39 32.66	.....	+ 6 43 36.8	....
39	ε Serpentis	9	45 50.04	+ 0.70	**+11.40**	325 47 57.30	44.320	+ 0.68	− 40.8	15 46 2.16	.....	+ 4 45 57.9	....
40	Venus II, C	9	24 25.79	+ 0.63	+11.45	299 39 56.55	47.655	+ 0.94	−1 44.2	19 24 37.87	− 0.49	−21 21 49.7	....
41	Mercury C, C	9	9 46.39	+ 0.64	+11.45	300 39 55.72	43.175	+ 0.94	−1 40.1	20 9 58.48	− 0.06	−20 23 28.9	....
	February 15, M.												
42	Sun I, N	9	50 14.41	+ 0.64	+11.45	308 19 55.88	43.503	+ 0.77	−1 14.8	21 50 26.50	+66.68	−12 42 56.1	....
43	Sun II, S.	9	52 27.78	+ 0.64	+11.45	307 47 56.42	42.452	+ 0.77	−1 16.2	21 52 39.87	−66.69	−13 15 21.0	....
44	γ Eridani	9	53 21.41	+ 0.60	**+11.47**	307 15 56.90	43.062	+ 0.96	−1 18.9	3 53 33.49	.....	−13 47 9.0	....
45	A Tauri	9	58 49.70	+ 0.66	**+11.53**	342 49 57.52	46.388	+ 0.96	− 18.5	3 59 1.84	.....	+21 49 7.9	....
46	p Tauri	9	4 47.75	+ 0.66	+11.48	347 13 58.25	47.882	+ 0.96	− 13.6	4 4 59.89	− 0.87	+26 13 47.6	+ 4.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 14 1	......	....	21.5
14 33	......	....	20.0
14 54	30.00	19.8	19.1
13 21 45	30.01	22.1	21.4
3 37	30.075	25.1	25.3
4 1	......	....	25.0
4 18	30.065	24.9	25.1
14 12 22	29.56	29.8	31.0
13 15	29.57	30.5	30.8
13 50	......	....	29.2
14 11	......	....	28.9
14 41	......	....	28.0
14 45	29.58	27.8	....
15 27	29.60	26.9	27.2
15 46	29.60	26.6	26.5
19 24	29.63	30.0	31.2
20 10	29.63	31.8	32.0
15 21 52	29.61	33.8	34.0
3 14	29.61	28.8	....
3 53	......	....	26.9

Micrometer bisections are made at II, VI, except as noted below.

1, 21.	Bisections at b_3, b_4, b_5, b_6, b_7.
3.	Bisections at b_4, b_6.
4, 8, 25, 26, 40.	Bisections at I, II, VI, VII.
9.	Bisections at I, II.
10, 17, 27, 38.	Bisections at VI, VII.
20.	Bisections at b_5, b_6, b_7, b_8, b_9.
24.	Bisections at III, V.
41.	Bisections at I, II, VII.
42.	Bisections at I, II, III.
43.	Bisections at V, VI, VII.

Notes.

1.	Revolution of micrometer reading assumed.
20.	Micrometer reading decreased 1 rev.
20, 21.	Very unsteady.
24, 26.	Very poor observation.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+ 7.1	+16 12.9	...	+16 20.0
10	+ 7.0	−16 12.9	...	−16 5.9
40	+ 6.2	.. ....	0.0	+ 6.2
41	+ 7.1	.. ....	− 0.2	+ 6.9
42	+ 7.0	−16 12.5	...	−16 5.5
43	+ 7.0	+16 12.4	...	+16 19.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	A Eridani	9	9 38.07	+ 0.61	+11.48	310 31 55.95	45.908	+ 0.96	−1 10.3	4 9 50.16	− 0.57	−10 29 56.3	+16.8
2	γ Tauri	9	14 8.44	+ 0.66	**+11.47**	336 23 57.78	48.102	+ 0.96	− 26.2	4 14 20.58	.....	+15 23 39.7	....
3	68 Tauri	9	19 44.72	+ 0.66	+11.48	338 43 58.12	44.692	+ 0.96	− 23.4	4 19 56.86	− 0.86	+17 42 24.8	+ 7.6
	February 15, Ei.-Y.												
4	δ Orionis	9	26 55.09	+ 0.62	**+11.47**	320 39 57.52	43.582	+ 1.07	− 49.5	5 27 7.24	.....	− 0 22 27.1	....
5	ζ Tauri	9	31 43.55	+ 0.65	**+11.48**	342 5 59.10	45.875	+ 1.09	− 19.5	5 31 55.73	.....	+21 4 56.9	....
6	B. D.+22°996	9	36 4.79	+ 0.64	+11.53	343 37 57.52	45.030	+ 1.10	− 17.7	5 36 16.96	− 1.27	+22 36 37.8	+ 8.6
7	B. D.+16°855	9	39 10.47	+ 0.64	+11.53	337 3 57.22	45.148	+ 1.11	− 25.6	5 39 22.64	− 1.22	+16 2 32.3	+10.7
8	B. D.+24°963	9	41 51.47	+ 0.64	+11.53	345 39 58.00	45.940	+ 1.12	− 15.4	5 42 3.64	− 1.31	+24 39 1.4	+ 8.1
9	B. D.+26°985	9	46 56.59	+ 0.64	+11.53	347 25 57.82	46.435	+ 1.13	− 13.4	5 47 8.76	− 1.35	+26 25 14.5	+ 7.8
10	B. D.+19°1126	9	49 4.79	+ 0.64	+11.53	340 43 58.25	48.075	+ 1.14	− 21.1	5 49 16.96	− 1.29	+19 43 45.0	+ 9.8
11	B. D.+18°1040	9	53 5.21	+ 0.64	+11.53	339 49 57.68	44.985	+ 1.16	− 22.2	5 53 17.38	− 1.30	+18 48 32.5	+10.3
12	B. D.+20°1233	9	58 2.30	+ 0.64	+11.53	341 7 58.12	49.602	+ 1.17	− 20.6	5 58 14.47	− 1.33	+20 8 20.1	+10.0
13	B. D.+21°1116	9	0 45.78	+ 0.64	+11.53	342 53 57.62	47.715	+ 1.17	− 18.6	6 0 57.95	− 1.36	+21 53 38.4	+ 9.6
14	B. D.+19°1237	9	4 7.85	+ 0.64	+11.53	340 41 58.48	47.250	+ 1.19	− 21.2	6 4 20.02	− 1.35	+19 41 25.8	+10.3
15	B. D.+27°1013	9	5 35.46	+ 0.64	+11.53	348 9 58.80	46.072	+ 1.19	− 12.6	6 5 47.63	− 1.43	+27 9 8.0	+ 8.2
16	η Geminorum	9	8 54.22	+ 0.64	**+11.56**	343 31 57.65	48.530	+ 1.20	− 17.9	6 9 6.39	.....	+22 31 57.8	....
17	B. D.+17°1191	9	10 38.38	+ 0.64	+11.53	338 13 56.90	45.400	+ 1.20	− 24.2	6 10 50.53	− 1.35	+17 12 39.3	+11.2
18	B. D.+23°1301	9	13 21.70	+ 0.64	+11.53	344 19 57.62	45.010	+ 1.21	− 17.0	6 13 33.87	− 1.42	+23 18 38.2	+ 9.6
19	B. D.+23°1322	9	15 47.07	+ 0.64	+11.53	344 49 57.20	43.865	+ 1.22	− 16.4	6 15 59.24	− 1.43	+23 48 12.3	+ 9.5
20	B. D.+21°1232	9	19 46.32	+ 0.64	+11.53	342 41 58.00	48.050	+ 1.23	− 18.8	6 19 58.49	− 1.42	+21 41 46.3	+10.2
21	B. D.+27°1122	9	22 45.16	+ 0.64	+11.53	348 1 59.00	47.502	+ 1.24	− 12.8	6 22 57.33	− 1.49	+27 1 40.8	+ 8.8
22	B. D.+17°1286 (*pr.*)	9	26 30.92	+ 0.64	+11.53	338 51 57.50	45.402	+ 1.25	− 23.4	6 26 43.09	− 1.41	+17 50 40.7	+11.5
23	B. D.+17°1306	9	30 7.55	+ 0.64	+11.53	338 45 57.80	48.925	+ 1.26	− 23.5	6 30 19.72	− 1.42	+17 46 1.4	+11.6
24	B. D.+22°1416	9	33 8.17	+ 0.65	+11.53	343 7 57.30	45.455	+ 1.27	− 18.4	6 33 20.35	− 1.47	+22 6 46.7	+10.5
25	ε Geminorum	9	37 50.94	+ 0.64	**+11.54**	346 13 58.78	46.990	+ 1.28	− 14.8	6 38 3.11	.....	+25 13 26.9	....
26	B. D.+18°1349	9	41 36.26	+ 0.64	+11.53	339 17 58.30	48.032	+ 1.30	− 22.9	6 41 48.43	− 1.47	+18 17 42.2	+11.8
27	B. D.+21°1405	9	45 37.23	+ 0.64	+11.53	342 53 57.48	44.290	+ 1.31	− 18.6	6 45 49.40	− 1.51	+21 52 20.2	+10.9
28	B. D.+27°1270	9	49 46.07	+ 0.64	+11.53	348 25 59.85	44.045	+ 1.32	− 12.4	6 49 58.24	− 1.57	+27 24 23.1	+ 9.6
29	B. D.+16°1354	9	54 34.23	+ 0.64	+11.53	337 13 57.38	45.100	+ 1.33	− 25.5	6 54 46.40	− 1.49	+16 12 31.7	+12.6
30	B. D.+27°1307	9	57 27.87	+ 0.64	+11.53	348 9 58.55	44.595	+ 1.34	− 12.7	6 57 40.04	− 1.59	+27 8 34.1	+10.0
31	45 Geminorum	9	2 41.15	+ 0.64	+11.53	337 5 56.68	46.055	+ 1.36	− 25.6	7 2 53.32	− 1.51	+16 4 52.7	+12.8
32	B. D.+15°1494	9	5 37.33	+ 0.64	+11.53	336 29 57.42	47.025	+ 1.37	− 26.4	7 5 49.50	− 1.52	+15 29 14.9	+13.0
33	B. D.+25°1618	9	8 39.23	+ 0.64	+11.53	346 3 58.70	45.765	+ 1.38	− 15.0	7 8 51.40	− 1.60	+25 2 58.7	+10.8
34	λ Geminorum	9	12 24.03	+ 0.64	**+11.52**	337 43 56.78	45.422	+ 1.39	− 24.9	7 12 36.20	.....	+16 42 39.1	....
35	B. D.+17°1561	9	17 22.11	+ 0.64	+11.53	338 37 57.02	42.125	+ 1.40	− 23.8	7 17 34.28	− 1.56	+17 35 25.1	+12.7
36	B. D.+21°1596	9	20 59.36	+ 0.64	+11.53	342 43 57.12	47.380	+ 1.41	− 18.9	7 21 11.53	− 1.60	+21 43 30.2	+11.9
37	B. D.+16°1490	9	23 47.84	+ 0.64	+11.53	337 23 56.80	42.460	+ 1.42	− 25.4	7 24 0.01	− 1.57	+16 21 31.0	+13.1
38	B. D.+23°1744	9	26 54.92	+ 0.64	+11.53	344 5 58.18	46.938	+ 1.43	− 17.3	7 27 7.09	− 1.62	+23 5 22.8	+11.8
39	B. D.+24°1727	8	32 15.32	+ 0.64	+11.53	345 35 57.48	44.327	+ 1.45	− 15.6	7 32 27.49	− 1.64	+24 34 24.2	+11.6
40	B. D.+21°1661	9	35 20.99	+ 0.64	+11.53	342 41 57.68	43.530	+ 1.46	− 19.0	7 35 33.16	− 1.63	+21 40 2.7	+12.2
41	B. D.+27°1470	9	39 49.03	+ 0.65	+11.53	347 57 58.72	46.572	+ 1.47	− 13.0	7 40 1.21	− 1.68	+26 57 19.3	+11.3
42	B. D.+15°1676	9	44 55.89	+ 0.64	+11.53	336 5 57.25	46.075	+ 1.48	− 27.1	7 45 8.06	− 1.61	+15 4 52.4	+13.7
43	φ Geminorum	9	47 26.92	+ 0.64	**+11.58**	348 1 59.35	44.970	+ 1.49	− 12.9	7 47 39.09	.....	+27 0 43.4	....
44	χ Geminorum	9	57 27.01	+ 0.64	**+11.54**	349 3 58.15	47.445	+ 1.52	− 11.8	7 57 39.18	.....	+28 3 39.9	....
	February 20, R.												
45	Sun I, N.	9	9 36.91	+ 0.79	+11.48	310 3 56.50	44.872	+ 2.53	−1 13.5	22 9 49.18	+66.28	−10 58 21.0	....
46	Sun II, S.	9	11 49.48	+ 0.79	+11.48	309 31 55.40	43.970	+ 2.53	−1 15.0	22 12 1.75	−66.29	−11 30 44.4	....
47	Moon I	9	10 35.41	+ 0.78	+11.48	326 6	......	....	. ....	1 10 47.67	+62.32	.. ..	....
48	δ Tauri	9	17 12.35	+ 0.73	**+11.52**	338 19 57.70	46.092	+ 2.02	− 24.4	4 17 24.58	.....	+17 18 56.5	....
49	ε Tauri	9	22 49.21	+ 0.73	**+11.46**	339 59 57.88	43.420	+ 2.02	− 22.4	4 23 1.44	.....	+18 57 57.6	....
50	ρ Tauri	9	28 12.52	+ 0.73	+11.50	335 39 56.72	44.965	+ 2.02	− 27.8	4 28 24.75	− 0.78	+14 38 26.3	+ 9.2
51	53 Eridani	9	33 35.44	+ 0.72	**+11.42**	306 31 55.52	46.848	+ 2.02	−1 22.9	4 33 47.66	.....	−14 29 46.8	....
52	μ Eridani	9	40 30.61	+ 0.73	**+11.50**	317 35 56.38	44.920	+ 2.02	− 56.2	4 40 42.84	.....	− 3 26 3.4	....
53	π³ Orionis	9	44 26.30	+ 0.73	**+11.48**	327 47 56.18	48.155	+ 2.02	− 38.8	4 44 38.53	.....	+ 6 47 27.7	....
54	π⁵ Orionis	9	49 3.57	+ 0.73	**+11.55**	323 17 57.50	46.720	+ 2.02	− 45.9	4 49 15.80	.....	+ 2 16 49.2	....
55	ι Tauri	9	57 10.18	+ 0.73	**+11.52**	342 27 57.65	46.265	+ 2.02	− 19.5	4 57 22.41	.....	+21 27 5.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 4 20	29.63	26.9	26.4
5 24	29.65	25.6	25.0
5 52	......	....	24.2
6 17	29.665	24.4	23.8
6 43	......	....	23.4
7 10	29.67	23.5	22.7
7 34	......	....	20.8
7 59	29.70	21.0	19.4
20 22 12	30.33	24.8	24.0
1 11	30.31	29.3	28.6
4 17	30.345	26.8	27.1
4 34	......	....	26.9
4 56	30.35	25.9	26.2

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at I, II, VI, VII.
10.	Bisections at VI, VII.
14, 45.	Bisections at I, II.
27, 46.	Bisections at II, VII.
39.	Bisections at II, VI, VII.

Note.

39–41. Images poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
45	+ 6.8	−16 11.7	...	−16 4.9
46	+ 6.8	+16 11.7	...	+16 18.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	February 20, Ei.-R.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+18°923	9	37 3.65	+ 0.73	+11.55	339 57 57.82	43.325	+ 1.80	− 22.5	5 37 15.93	− 1.15	+18 55 55.0	+ 9.7
2	B. D.+15°926	9	41 3.14	+ 0.73	+11.55	336 47 57.42	46.260	+ 1.80	− 26.4	5 41 15.42	− 1.15	+15 46 57.8	+10.9
3	B. D.+22°1080	9	47 21.54	+ 0.72	+11.55	343 3 55.82	46.010	+ 1.80	− 18.8	5 47 33.81	− 1.22	+22 2 58.1	+ 9.0
4	α Orionis	9	49 47.37	+ 0.73	**+11.53**	328 23 55.10	47.355	+ 1.80	− 37.9	5 49 59.65	.....	+ 7 23 9.0	....
5	1 Geminorum	9	58 6.14	+ 0.72	**+11.54**	344 17 57.65	43.325	+ 1.80	− 17.3	5 58 18.41	.....	+23 16 0.0	....
6	B. D.+26°1082	9	1 9.61	+ 0.71	+11.55	347 41 57.98	46.922	+ 1.80	− 13.4	6 1 21.87	− 1.33	+26 41 26.5	+ 8.0
7	B. D.+26°1117	9	4 44.56	+ 0.72	+11.55	347 3 57.38	42.925	+ 1.80	− 14.1	6 4 56.83	− 1.34	+26 1 53.5	+ 8.3
8	B. D.+19°1253	9	6 9.20	+ 0.72	+11.55	340 49 57.12	45.068	+ 1.80	− 21.4	6 6 21.47	− 1.28	+19 48 35.3	+10.3
9	B. D.+29°1154	9	9 4.78	+ 0.71	+11.55	350 31 57.78	48.090	+ 1.80	− 10.2	6 9 17.04	− 1.39	+29 31 56.2	+ 7.4
10	B. D.+20°1348	9	11 34.28	+ 0.72	+11.55	341 51 57.50	44.445	+ 1.80	− 20.2	6 11 46.55	− 1.31	+20 50 22.6	+10.1
11	B. D.+25°1225	9	14 30.30	+ 0.72	+11.55	346 13 58.60	47.618	+ 1.80	− 15.1	6 14 42.57	− 1.37	+25 13 41.3	+ 8.9
12	μ Geminorum	9	16 58.28	+ 0.72	**+11.57**	343 33 56.35	47.770	+ 1.80	− 18.1	6 17 10.55	.....	+22 33 39.5	....
13	B. D.+21°1241	9	21 23.13	+ 0.72	+11.55	342 21 57.25	45.910	+ 1.80	− 19.6	6 21 35.40	− 1.36	+21 20 56.4	+10.2
14	B. D.+28°1138	9	24 7.77	+ 0.71	+11.55	349 17 57.90	44.250	+ 1.80	− 11.6	6 24 20.03	− 1.43	+28 16 27.1	+ 8.3
15	B. D.+25°1317	9	27 4.03	+ 0.72	+11.55	346 21 57.75	45.635	+ 1.80	− 14.9	6 27 16.30	− 1.41	+25 20 55.3	+ 9.2
16	B. D.+23°1425	9	30 42.26	+ 0.72	+11.55	344 11 56.95	44.568	+ 1.80	− 17.4	6 30 54.53	− 1.40	+23 10 27.7	+10.0
17	B. D.+23°1446	9	34 3.79	+ 0.72	+11.55	344 45 57.95	47.205	+ 1.80	− 16.8	6 34 16.06	− 1.42	+23 45 29.5	+ 9.9
18	B. D.+20°1549	9	38 36.49	+ 0.72	+11.55	341 47 57.20	46.722	+ 1.80	− 20.3	6 38 48.76	− 1.41	+20 47 14.2	+10.8
19	B. D.+27°1236	9	42 59.76	+ 0.71	+11.55	348 17 58.55	47.802	+ 1.80	− 12.7	6 43 12.02	− 1.49	+27 17 47.8	+ 9.2
20	B. D.+20°1598	9	45 58.54	+ 0.72	+11.55	341 27 57.00	45.608	+ 1.80	− 20.7	6 46 10.81	− 1.44	+20 26 48.2	+11.1
21	B. D.+22°1531	9	52 13.91	+ 0.72	+11.55	343 35 56.62	48.422	+ 1.80	− 18.1	6 52 26.18	− 1.47	+22 35 54.7	+10.7
22	B. D.+21°1471	9	56 9.97	+ 0.72	+11.55	342 55 57.02	48.480	+ 1.80	− 18.9	6 56 22.24	− 1.48	+21 55 55.6	+11.0
23	ζ Geminorum	9	58 14.14	+ 0.72	**+11.60**	341 43 56.48	44.905	+ 1.80	− 20.4	6 58 26.41	.....	+20 42 31.9	....
24	B. D.+19°1623	9	3 19.10	+ 0.72	+11.55	340 43 57.08	43.040	+ 1.80	− 21.6	7 3 31.37	− 1.49	+19 41 48.7	+11.8
25	B. D.+23°1647	9	8 54.43	+ 0.72	+11.55	344 15 57.60	49.690	+ 1.80	− 17.3	7 9 6.70	− 1.53	+23 16 25.4	+11.0
26	δ Geminorum	9	14 12.71	+ 0.72	**+11.59**	343 9 56.52	47.102	+ 1.80	− 18.6	7 14 24.98	.....	+22 9 23.9	....
27	B. D.+23°1698	9	17 31.38	+ 0.72	+11.55	344 7 57.40	47.710	+ 1.80	− 17.5	7 17 43.65	− 1.55	+23 7 39.8	+11.2
28	ι Geminorum	9	19 35.31	+ 0.71	**+11.54**	348 59 59.18	46.205	+ 1.80	− 12.0	7 19 47.57	.....	+27 59 12.7	....
29	B. D.+26°1564	9	21 56.14	+ 0.72	+11.55	347 25 56.60	46.195	+ 1.80	− 13.7	7 22 8.41	− 1.59	+26 25 8.2	+10.5
30	B. D.+24°1686	9	25 54.54	+ 0.72	+11.55	345 43 58.55	43.770	+ 1.80	− 15.7	7 26 6.81	− 1.59	+24 42 12.7	+11.1
31	B. D.+16°1510	9	27 57.08	+ 0.73	+11.55	337 3 56.65	43.282	+ 1.80	− 26.2	7 28 9.36	− 1.54	+16 1 49.2	+13.1
32	B. D.+18°1701	9	33 45.32	+ 0.73	+11.55	338 53 56.02	47.415	+ 1.80	− 23.8	7 33 57.60	− 1.56	+17 53 25.4	+12.8
33	B. D.+26°1633	9	38 5.05	+ 0.72	+11 55	347 1 58.00	44.838	+ 1.80	− 14.2	7 38 17.32	− 1.63	+26 0 38.1	+11.1
34	B. D.+16°1551	9	40 29.33	+ 0.73	+11.55	337 39 57.42	49.248	+ 1.80	− 25.4	7 40 41.61	− 1.57	+16 40 7.1	+13.2
35	B. D.+22°1803	9	47 8.37	+ 0.72	+11.55	343 35 57.12	45.312	+ 1.80	− 18.2	7 47 20.64	− 1.62	+22 34 44.0	+12.0
36	B. D.+24°1806	9	50 11.29	+ 0.72	+11.55	344 53 57.08	44.625	+ 1.80	− 16.7	7 50 23.56	− 1.63	+23 52 29.8	+11.8
37	B. D.+20°1976	9	55 1.87	+ 0.72	+11.55	341 5 58.10	45.055	+ 1.80	− 21.2	7 55 14.14	− 1.62	+20 4 36.1	+12.7
38	B. D.+22°1845	9	57 59.89	+ 0.72	+11.55	343 21 56.60	44.045	+ 1.80	− 18.5	7 58 12.16	− 1.64	+22 20 14.3	+12.3
39	B. D.+20°2003	9	1 41.23	+ 0.72	+11.55	341 7 57.00	42.342	+ 1.80	− 21.2	8 1 53.50	− 1.63	+20 5 32.8	+12.8
40	B. D.+27°1544	9	2 46.81	+ 0.71	+11.55	348 45 58.68	46.885	+ 1.80	− 12.3	8 2 59.07	− 1.69	+27 45 27.4	+11.4
41	ζ Cancri	9	6 31.87	+ 0.73	+11.55	338 57 57.72	43.772	+ 1.80	− 23.9	8 6 44.15	.....	+17 56 3.5	....
42	B. D.+23°1913	9	7 49.89	+ 0.72	+11.55	344 27 57.55	41.850	+ 1.80	− 17.2	8 8 2.16	− 1.66	+23 25 26.3	+12.3
43	β Cancri	9	11 8.00	+ 0.73	**+11.50**	330 29 55.20	45.980	+ 1.80	− 35.1	8 11 20.28	.....	+ 9 28 40.5	....
44	B. D.+16°1679	9	12 38.71	+ 0.73	+11.55	336 59 57.22	44.688	+ 1.80	− 26.3	8 12 50.99	− 1.64	+15 58 21.8	+13.7
45	B. D.+23°1939	9	16 0.51	+ 0.72	+11.55	344 17 57.58	41.430	+ 1.80	− 17.5	8 16 12.78	− 1.67	+23 15 16.5	+12.5
46	B. D.+17°1836	9	19 7.11	+ 0.73	+11.55	338 31 56.95	42.440	+ 1.80	− 24.4	8 19 19.39	− 1.65	+17 29 32.1	+13.5
47	30 Monocerotis	9	20 41.27	+ 0.73	**+11.57**	317 25 56.05	45.590	+ 1.80	− 57.0	8 20 53.55	.....	− 3 35 49.4	....
	February 22, Ei.												
48	Moon I, S.	9	50 44.73	+ 0.70	+11.52	332 49 55.42	44.112	+ 1.76	− 29.9	2 50 56.95	+65.07	+11 48 3.3	....
	February 22, Ei.-M.												
49	α Orionis	9	49 47.42	+ 0.64	**+11.54**	328 23 54.25	47.330	+ 1.94	− 36.2	5 49 59.58	.....	+ 7 23 9.5	....
50	1 Geminorum	9	58 6.12	+ 0.67	**+11.58**	344 17 56.35	43.308	+ 1.94	− 16.6	5 58 18.31	.....	+23 15 59.2	....
51	B. D.+26°1082	9	1 9.66	+ 0.67	+11.52	347 41 56.32	46.975	+ 1.94	− 12.8	6 1 21.85	− 1.29	+26 41 26.7	+ 8.0
52	B. D.+26°1117	9	4 44.56	+ 0.67	+11.52	347 1 56.60	48.200	+ 1.94	− 13.5	6 4 56.75	− 1.30	+26 1 54.0	+ 8.3
53	B. D.+19°1253	9	6 9.27	+ 0.66	+11.52	340 49 56.15	45.060	+ 1.94	− 20.5	6 6 21.45	− 1.25	+19 48 35.2	+10.3
54	B. D.+29°1154	9	9 4.85	+ 0.67	+11.52	350 31 57.50	48.075	+ 1.94	− 9.8	6 9 17.04	− 1.36	+29 31 56.1	+ 7.4
55	B. D.+20°1348	9	11 34.38	+ 0.67	+11.52	341 51 55.85	44.468	+ 1.94	− 19.3	6 11 46.57	− 1.28	+20 50 22.5	+10.1
56	B. D.+25°1225	9	14 30.32	+ 0.67	+11.52	346 13 55.62	47.750	+ 1.94	− 14.4	6 14 42.51	− 1.33	+25 13 42.2	+ 8.9
57	μ Geminorum	9	16 58.38	+ 0.67	**+11.49**	343 33 56.10	47.735	+ 1.94	− 17.4	6 17 10.57	.....	+22 33 39.3	....
58	B. D.+21°1241	9	21 23.16	+ 0.67	+11.52	342 21 55.78	45.940	+ 1.94	− 18.8	6 21 35.35	− 1.32	+21 20 56.6	+10.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 5 34	30.34	26.0	26.2
6 2	....	....	26.2
6 32	[illegible]	24.6	26.0
7 0	....	....	25.8
7 23	30.34	24.0	25.4
7 51	....	....	24.0
8 23	[illegible]	23.0	22.7
22 2 51	29.67	41.8	41.9
5 48	29.755	36.7	38.0
6 12	....	....	37.2

Micrometer bisections are made at II, VI, except as noted below.

7, 39, 41, 52. Bisections at I, II.
24, 42. Bisections at II, VII.
48. Bisections at II, III, IV, V, VI.

Notes.

41. Triple: mean of close double observed.
52. Circle reading decreased 2′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
48	+25 23.7	+15 19.6	...	+40 43.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+28°1138........	9	24 7.82	+ 0.67	+11.52	349 17 56.45	44.278	+ 1.94	− 11.1	6 24 20.01	− 1.40	+28 16 27.0	+ 8.2
2	B. D.+25°1317........	9	27 4.09	+ 0.67	+11.52	346 21 56.10	45.650	+ 1.94	− 14.3	6 27 16.28	− 1.38	+25 20 54.8	+ 9.2
3	B. D.+23°1425........	9	30 42.31	+ 0.67	+11.52	344 11 55.42	44.585	+ 1.94	− 16.7	6 30 54.50	− 1.38	+23 10 27.4	+10.0
4	B. D.+23°1446........	9	34 3.87	+ 0.67	+11.52	344 45 55.85	47.268	+ 1.94	− 16.1	6 34 16.06	− 1.39	+23 45 29.7	+ 9.9
5	B. D.+20°1549........	9	38 36.56	+ 0.67	+11.52	341 47 55.70	46.750	+ 1.94	− 19.4	6 38 48.75	− 1.38	+20 47 14.4	+10.9
6	B. D.+27°1236........	8	42 59.83	+ 0.67	+11.52	348 17 57.55	47.832	+ 1.94	− 12.2	6 43 12.02	− 1.46	+27 17 48.2	+ 9.1
7	B. D.+20°1598........	9	45 58.60	+ 0.66	+11.52	341 27 55.38	45.615	+ 1.94	− 19.8	6 46 10.78	− 1.41	+20 26 47.8	+11.1
8	B. D.+22°1531........	9	52 13.99	+ 0.67	+11.52	343 35 56.10	48.385	+ 1.94	− 17 4	6 52 26.18	− 1.45	+22 35 54.2	+10.7
9	B. D.+21°1471........	9	56 10.06	+ 0.67	+11.52	342 55 55.88	48.480	+ 1.94	− 18.1	6 56 22.25	− 1.45	+21 55 55.4	+11.0
10	ζ Geminorum............	9	58 14.24	+ 0.67	**+11.52**	341 43 55.08	44.942	+ 1.94	− 19.5	6 58 26.43	....	+20 42 32.4	....
11	B. D.+19°1623........	9	3 19.21	+ 0.66	+11.52	340 43 55.40	43.090	+ 1.94	− 20.7	7 3 31.39	− 1.46	+19 41 49.2	+11.8
12	B. D.+24°1558........	9	6 25.78	+ 0.67	+11.52	345 17 56.65	46.490	+ 1.94	− 15.5	7 6 37.97	− 1.50	+24 17 13.3	+10.6
13	B. D.+23°1647........	9	8 54.57	+ 0.67	+11.52	344 15 55.55	49.755	+ 1.94	− 16.6	7 9 6.76	− 1.50	+23 16 25.7	+10.9
14	δ Geminorum............	9	14 12.76	+ 0.67	**+11.57**	343 9 53.18	47.208	+ 1.94	− 17.9	7 14 24.95	....	+22 9 23.9	....
15	B. D.+23°1698........	9	17 31.47	+ 0.67	+11.52	344 7 56.18	47.725	+ 1.94	− 16.8	7 17 43.66	− 1.53	+23 7 39.8	+11.2
16	ι Geminorum............	9	19 35.33	+ 0.67	**+11.54**	348 59 56.45	46.310	+ 1.94	− 11.5	7 19 47.52	....	+27 59 13.0	....
17	B. D.+26°1564........	9	21 56.20	+ 0.67	+11.52	347 25 54.82	46.240	+ 1.94	− 13.2	7 22 8.39	− 1.57	+26 25 8.1	+10.5
18	B. D.+24°1686........	9	25 54.62	+ 0.67	+11.52	345 43 56.32	43.825	+ 1.94	− 15.1	7 26 6.81	− 1.56	+24 42 12.5	+11.0
19	B. D.+16°1510........	9	27 57.16	+ 0.66	+11.52	337 3 55.25	43.275	+ 1.94	− 25.1	7 28 9.34	− 1.52	+16 1 48.9	+13.2
20	B. D.+18°1701........	9	33 45.40	+ 0.66	+11.52	338 53 55.70	47.360	+ 1.94	− 22.9	7 33 57.58	− 1.54	+17 53 24.9	+12.8
21	B. D.+26°1633........	9	38 5.09	+ 0.67	+11.52	347 1 55.78	44.918	+ 1.94	− 13.6	7 38 17.28	− 1.60	+26 0 38.4	+11.0
22	B. D.+16°1551........	9	40 29.41	+ 0.66	+11.52	337 39 56.32	49.250	+ 1.94	− 24.4	7 40 41.59	− 1.55	+16 40 7.2	+13.2
23	B. D.+22°1803........	8	47 8.41	+ 0.67	+11.52	343 35 56.90	45.285	+ 1.94	− 17.5	7 47 20.60	− 1.60	+22 34 44.0	+11.1
24	B. D.+24°1806........	9	50 11.37	+ 0.67	+11.52	344 53 55.32	44.692	+ 1.94	− 16.0	7 50 23.56	− 1.62	+23 52 30.4	+11.8
25	B. D.+20°1976........	9	55 1.91	+ 0.66	+11.52	341 5 55.75	45.110	+ 1.94	− 20.3	7 55 14.09	− 1.60	+20 4 36.1	+12.7
26	B. D.+22°1845........	9	58 0.01	+ 0.67	+11.52	343 21 55.10	44.072	+ 1.94	− 17.8	7 58 12.20	− 1.62	+22 20 14.2	+12.3
27	B. D.+20°2003........	9	1 41.29	+ 0.66	+11.52	341 7 55.75	42.335	+ 1.94	− 20.3	8 1 53.47	− 1.62	+20 5 32.4	+12.8
28	B. D.+27°1544........	9	2 46.84	+ 0.67	+11.52	348 45 56.75	46.940	+ 1.94	− 11.8	8 2 59.03	− 1.67	+27 45 27.4	+11.2
29	B. D.+23°1913........	9	7 49.96	+ 0.67	+11.52	344 27 55.80	41.882	+ 1.94	− 16.6	8 8 2.15	− 1.65	+23 25 26.1	+12.2
30	β Cancri................	9	11 8.08	+ 0.65	**+11.49**	330 29 55.25	45.898	+ 1.94	− 33.7	8 11 20.25	....	+ 9 28 40.3	....
31	30 Monocerotis...........	9	20 41.45	+ 0.62	**+11.49**	317 25 54.90	45.500	+ 1.94	− 54.7	8 20 53.59	....	− 3 35 50.2	....
32	83 Cancri................	9	13 26.98	+ 0.66	**+11.59**	339 7 56.78	45.008	+ 1.94	− 22.7	9 13 39.16	....	+18 6 32.4	....
33	α Hydræ................	8	22 41.89	+ 0.61	**+11.55**	312 45 54.58	48.720	+ 1.94	−1 4.4	9 22 54.06	....	− 8 14 46.9	....
34	B. D.+18°2207........	9	24 1.94	+ 0.66	+11.52	339 3 55.55	49.125	+ 1.94	− 22.8	9 24 14.12	− 1.71	+18 4 5.1	+13.9
35	B. D.+23°2107........	9	26 4.24	+ 0.66	+11.52	344 25 55.20	41.550	+ 1.94	− 16.6	9 26 16.42	− 1.72	+23 23 17.9	+13.4
36	B. D.+13°2117........	9	29 36.63	+ 0.65	+11.52	334 5 55.40	45.892	+ 1.94	− 28.9	9 29 48.80	− 1.70	+13 4 45.0	+14.4
37	B. D.+18°2232........	9	32 35.09	+ 0.66	+11.52	338 49 55.10	41.295	+ 1.94	− 23.1	9 32 47.27	− 1.71	+17 47 5.5	+14.0
38	B. D.+ 9°2226........	9	35 57.23	+ 0.65	+11.52	330 27 55.58	43.428	+ 1.94	− 33.8	9 36 9.40	− 1.72	+ 9 25 44.0	+14.6
39	B. D.+ 7°2181........	9	40 55.80	+ 0.64	+11.52	328 9 54.32	46.635	+ 1.94	− 37.0	9 41 7.96	− 1.72	+ 7 8 52.9	+14.6
40	B. D.+15°2115........	9	43 48.08	+ 0.66	+11.52	336 25 54.30	43.985	+ 1.94	− 26.0	9 44 0.26	− 1.71	+15 24 3.3	+14.2
41	B. D.+11°2117........	9	48 1.66	+ 0.65	+11.52	332 39 54.50	41.845	+ 1.94	− 30.9	9 48 13.83	− 1.71	+11 37 9.7	+14.4
42	B. D.+19°2284........	9	51 54.19	+ 0.66	+11.52	340 45 55.48	45.050	+ 1.94	− 20.8	9 52 6.37	− 1.70	+19 44 34.0	+13.9
43	π Leonis................	9	54 58.08	+ 0.65	**+11.48**	329 31 54.60	44.458	+ 1.94	− 35.2	9 55 10.25	....	+ 8 30 5.2	....
44	B. D.+19°2297........	9	58 26.56	+ 0.66	+11.52	340 25 55.28	45.710	+ 1.94	− 21.2	9 58 38.74	− 1.70	+19 24 48.4	+13.9
45	B. D.+ 6°2259........	9	1 35.82	+ 0.64	+11.52	327 5 55.00	45.872	+ 1.94	− 38.7	10 1 47.98	− 1.73	+ 6 4 34.4	+14.3
46	B. D.+ 6°2265........	9	4 2.66	+ 0.64	+11.52	327 39 52.70	45.155	+ 1.94	− 37.9	10 4 14.82	− 1.73	+ 6 38 16.5	+14.3
47	B. D.+ 3°2334........	9	8 4.98	+ 0.64	+11.52	324 33 54.35	46.360	+ 1.94	− 42.6	10 8 17.14	− 1.74	+ 3 32 41.0	+14.2
48	B. D.+18°2338........	9	10 51.91	+ 0.66	+11.52	339 13 55.60	45.948	+ 1.94	− 22.7	10 11 4.09	− 1.69	+18 12 52.7	+14.0
49	B. D.+12°2193........	9	15 9.60	+ 0.65	+11.52	332 51 54.58	43.750	+ 1.94	− 30.7	10 15 21.77	− 1.70	+11 49 53.5	+14.0
50	B. D.+17°2212........	8	17 12.73	+ 0.66	+11.52	338 15 55.18	42.028	+ 1.94	− 23.9	10 17 24.91	− 1.69	+17 13 21.5	+14.0
51	B. D.+ 4°2328........	9	20 59.93	+ 0.64	+11.52	325 27 55.05	41.890	+ 1.94	− 41.2	10 21 12.09	− 1.73	+ 4 25 0.9	+13.9
52	B. D.+15°2206........	9	23 30.19	+ 0.66	+11.52	335 51 55.08	43.440	+ 1.94	− 26.8	10 23 42.37	− 1.69	+14 49 50.8	+13.9
53	B. D.+14°2255........	9	26 53.91	+ 0.66	+11.52	335 39 55.18	42.805	+ 1.94	− 27.1	10 27 6.09	− 1.68	+14 37 36.1	+13.9
54	B. D.+ 2°2334........	9	29 58.77	+ 0.64	+11.52	323 43 54.75	44.168	+ 1.94	− 44.0	10 30 10.93	− 1.74	+ 2 41 49.9	+13.7
55	B. D.+ 5°2374........	9	35 11.48	+ 0.64	+11.52	326 3 53.45	45.125	+ 1.94	− 40.3	10 35 23.64	− 1.72	+ 5 2 14.2	+13.6
56	B. D.+ 5°2384 (*fol.*)...	9	38 11.57	+ 0.64	+11.52	326 15 53.58	46.845	+ 1.94	− 40.0	10 38 23.73	− 1.72	+ 5 14 54.0	+13.5
57	B. D.+ 5°2394........	9	41 25.56	+ 0.64	+11.52	326 11 54.32	42.100	+ 1.94	− 40.2	10 41 37.72	− 1.71	+ 5 9 6.0	+13.5
58	B. D.+ 7°2375........	9	46 1.26	+ 0.64	+11.52	328 17 54.22	44.715	+ 1.94	− 37.0	10 46 13.42	− 1.69	+ 7 16 8.9	+13.4
59	B. D.+13°2322........	9	49 3.72	+ 0.66	+11.52	333 55 54.75	40.680	+ 1.94	− 29.4	10 49 15.90	− 1.66	+12 52 44.8	+13.6
60	B. D.+ 0°2718........	9	52 3.18	+ 0.63	+11.52	321 13 53.80	44.592	+ 1.94	− 48.2	10 52 15.33	− 1.74	+ 0 11 54.5	+12.9
61	B. D.+ 6°2384........	9	55 35.82	+ 0.64	+11.52	327 37 55.12	46.540	+ 1.94	− 38.0	10 55 47.98	− 1.69	+ 6 36 50.5	+13.2
62	B. D.+13°2348........	9	59 20.36	+ 0.65	+11.52	334 11 54.78	46.240	+ 1.94	− 29.0	10 59 32.53	− 1.64	+13 10 52.3	+13.5

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			° ′ ″	′ ″	″	′ ″
22 6 39	29.775	35.0	36.6	14, 30, 56. Bisections at II, VII.					
7 3	......	....	36.0	27, 33. Bisections at I, II.					
7 28	29.80	33.8	35.6						
7 55	......	....	34.9						
8 21	29.83	32.9	34.0						
9 13	29.83	31.5	33.5						
9 36	......	....	34.0						
10 4	29.84	31.5	32.3	Notes.					
10 27	......	....	32.0	32–45. Conditions poor.					
10 52	29.84	31.0	31.2	51. Image poor.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 4°2423	9	3 6.31	+ 0.64	+11.52	325 3 54.58	47.145	+ 1.94	− 41.9	11 3 18.47	− 1.69	+ 4 2 59.9	+12.8
2	B. D.+10°2260	9	7 32.54	+ 0.65	+11.52	331 25 53.92	41.680	+ 1.94	− 32.7	11 7 44.71	− 1.64	+10 23 3.5	+13.2
3	B. D.− 0°2422	9	9 32.49	+ 0.63	+11.52	320 15 55.60	47.430	+ 1.94	− 49.8	11 9 44.64	− 1.72	− 0 45 0.5	+12.2
4	B. D.+10°2274	9	13 57.11	+ 0.65	+11.52	331 17 54.30	45.115	+ 1.94	− 32.8	11 14 9.28	− 1.63	+10 16 22.3	+13.0
5	B. D.+ 8°2492	9	16 31.58	+ 0.64	+11.52	328 45 53.52	46.370	+ 1.94	− 36.4	11 16 43.74	− 1.64	+ 7 44 46.6	+12.8
6	B. D.− 0°2437	9	19 13.49	+ 0.63	+11.52	320 1 54.42	44.762	+ 1.94	− 50.3	11 19 25.64	− 1.71	− 1 0 3.1	+11.8
7	B. D.+ 1°2566	9	22 28.06	+ 0.63	+11.52	322 31 54.58	42.215	+ 1.94	− 46.0	11 22 40.21	− 1.68	+ 1 29 3.1	+12.0
8	B. D.+ 8°2512	9	24 31.91	+ 0.65	+11.52	329 9 53.35	43.155	+ 1.94	− 35.8	11 24 44.08	− 1.62	+ 8 7 33.6	+12.6
9	B. D.+ 3°2519	9	28 29.84	+ 0.64	+11.52	324 3 54.88	43.552	+ 1.94	− 43.5	11 28 42.00	− 1.66	+ 3 1 36.5	+11.9
10	υ Leonis	9	31 51.51	+ 0.63	**+11.57**	320 43 53.32	45.398	+ 1.94	− 49.0	11 32 3.66	.....	− 0 17 48.4	....
11	β Leonis	9	43 59.19	+ 0.66	**+11.55**	336 7 54.98	44.705	+ 1.94	− 26.5	11 44 11.37	.....	+15 6 19.9	....
	February 22, Br.												
12	6 B. Ursæ Minoris	8	14 29.94	− 1.04	+11.38	49 13 59.25	44.072	+ 2.13	+1 9.5	12 14 40.28	.....	+88 13 45.0	....
13	θ Virginis	9	4 48.19	+ 0.64	**+11.34**	315 59 53.30	46.062	+ 2.13	− 57.6	13 5 0.21	.....	− 5 1 41.4	....
14	α Ursæ Minoris S. P.	8	23 52.91	+ 3.45	+11.38	52 11 57.42	44.730	+ 2.13	+1 17.5	1 24 7.74	.....	+88 47 52.4	....
15	m Virginis	9	36 23.72	+ 0.63	**+11.35**	312 47 53.38	47.768	+ 2.13	−1 4.7	13 36 35.73	.....	− 8 13 9.4	....
16	τ Boötis	9	42 31.08	+ 0.67	+11.38	338 57 55.80	43.508	+ 2.13	− 23.1	13 42 43.13	.....	+17 55 56.9	....
17	η Boötis	9	49 55.87	+ 0.67	**+11.35**	339 53 55.62	44.995	+ 2.13	− 22.0	13 50 7.92	.....	+18 52 31.8	....
18	50 Cassiopeiæ S. P.	9	55 1.37	+ 0.96	+11.38	69 1 57.35	42.088	+ 2.13	+2 36.3	1 55 13.71	.....	+71 57 34.4	....
19	π Hydræ	9	0 43.76	+ 0.57	+11.38	294 49 52.00	45.398	+ 2.13	−2 9.1	14 0 55.71	.....	−26 13 9.4	....
20	55 Cassiopeiæ S. P.	8	6 44.45	+ 0.95	+11.38	74 53 58.58	41.800	+ 2.13	+3 40.6	2 6 56.78	.....	+66 4 35.5	....
21	θ Boötis	9	21 44.37	+ 0.68	+11.38	13 17 57.48	45.705	+ 2.13	+ 14.3	14 21 56.43	.....	+52 17 26.2	....
22	5 Ursæ Minoris	9	27 31.63	+ 0.56	+11.38	37 7 58.05	43.582	+ 2.13	+ 45.6	14 27 43.57	.....	+76 7 9.5	....
23	33 Boötis	9	35 4.44	+ 0.68	+11.38	5 49 55.98	44.762	+ 2.13	+ 6.2	14 35 16.50	.....	+44 48 55.1	....
24	ε Boötis	9	40 36.39	+ 0.68	**+11.33**	348 33 55.98	44.630	+ 2.13	− 12.2	14 40 48.45	.....	+27 28 33.6	....
25	α Libræ	9	45 23.08	+ 0.61	**+11.39**	305 23 52.52	45.012	+ 2.13	−1 24.4	14 45 35.07	.....	−15 38 33.2	....
26	47 H. Cephei S. P.	9	53 7.11	+ 1.09	+11.38	61 57 58.28	41.308	+ 2.13	+1 53.0	2 53 19.58	.....	+79 2 34.5	....
27	57 B. Ursæ Minoris	6	7 43.07	− 0.56	+11.38	48 35 59.52	44.737	+ 2.13	+1 8.5	15 7 53.89	.....	+87 35 59.8	....
28	η Coronæ Borealis	9	19 2.74	+ 0.68	+11.38	351 39 55.70	42.765	+ 2.13	− 8.8	15 19 14.80	.....	+30 37 54.1	....
29	β Coronæ Borealis	9	23 40.64	+ 0.68	**+11.42**	350 25 55.35	48.450	+ 2.13	− 10.1	15 23 52.70	.....	+29 26 2.6	....
30	γ Libræ	9	29 58.17	+ 0.61	**+11.36**	306 33 53.25	45.962	+ 2.13	−1 21.1	15 30 10.16	.....	−14 28 7.4	....
31	α Serpentis	9	39 20.91	+ 0.66	**+11.36**	327 43 53.10	48.598	+ 2.13	− 38.0	15 39 32.95	.....	+ 6 43 35.7	....
32	μ Serpentis	9	44 25.22	+ 0.64	**+11.35**	317 53 54.18	44.592	+ 2.13	− 54.4	15 44 37.24	.....	− 3 8 11.2	....
33	ε Coronæ Borealis	9	53 25.09	+ 0.68	**+11.30**	348 9 55.88	46.335	+ 2.13	− 12.6	15 53 37.15	.....	+27 9 12.1	....
34	Venus II, C	9	5 48.22	+ 0.63	+11.37	300 57 55.02	45.316	+ 2.58	−1 37.8	20 6 0.22	− 0.47	−20 4 36.6	....
35	Mercury C, C	8	53 58.07	+ 0.63	+11.37	302 13 52.72	45.589	+ 2.58	−1 32.3	20 54 10.07	− 0.04	−18 48 27.2	....
	February 23, Br.												
36	Sun I, S	9	21 6.48	+ 0.68	+11.37	310 35 53.55	46.135	+ 2.89	−1 7.4	22 21 18.53	+65.98	−10 25 48.7	....
37	Sun II, N	9	23 18.44	+ 0.68	+11.37	311 7 52.78	47.110	+ 2.89	−1 6.1	22 23 30.49	−65.98	− 9 53 26.0	....
	February 23, Ei.												
38	Moon I, S	9	44 23.58	+ 0.63	+11.50	335 33 57.10	46.533	+ 3.89	− 25.9	3 44 35.71	+66.86	+14 33 6.4	....
	February 23, Ei.-R.												
39	Neptune C, C	9	13 50.00	+ 0.65	+11.49	343 21 53.80	46.159	+ 3.32	− 17.1	6 14 2.14	.....	+22 21 2.6	....
40	B. D.+21°1203	8	15 19.20	+ 0.65	+11.49	342 11 54.58	44.405	+ 3.32	− 18.4	6 15 31.34	− 1.28	+21 10 22.1	+10.2
41	B. D.+25°1255	7	18 38.18	+ 0.66	+11.49	346 5 55.00	48.100	+ 3.32	− 14.2	6 18 50.33	− 1.33	+25 5 51.1	+ 9.0
42	B. D.+23°1362	9	21 56.92	+ 0.65	+11.49	344 45 55.62	41.972	+ 3.31	− 15.6	6 22 9.06	− 1.33	+23 43 30.3	+ 9.6
43	B. D.+17°1275	9	25 25.37	+ 0.64	+11.49	338 1 54.52	44.145	+ 3.31	− 23.2	6 25 37.50	− 1.29	+17 0 11.3	+11.7
44	B. D.+19°1391	9	28 48.56	+ 0.64	+11.49	340 29 54.42	48.868	+ 3.30	− 20.3	6 29 0.69	− 1.32	+19 30 2.0	+11.0
45	γ Geminorum	9	31 59.20	+ 0.64	**+11.50**	337 29 54.42	45.558	+ 3.30	− 23.8	6 32 11.33	.....	+16 28 42.9	....
46	B. D.+28°1207	9	35 7.17	+ 0.66	+11.49	349 17 55.18	45.778	+ 3.29	− 10.8	6 35 19.32	− 1.43	+28 17 1.6	+ 8.6
47	B. D.+19°1460	9	39 1.96	+ 0.64	+11.49	340 37 54.22	47.082	+ 3.28	− 20.2	6 39 14.09	− 1.36	+19 37 21.1	+11.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 11 19	......	....	31.2
11 46	29.82	29.8	31.9
12 28	......	....	33.5
13 5	29.80	31.1	33.4
13 29	......	....	30.7
14 7	......	....	[illegible]
14 41	......	....	29.8
14 45	29.79	29.1	....
15 24	......	....	28.2
15 39	......	....	[illegible]
15 53	29.77	28.7	28.0
20 6	29.725	38.0	38.2
20 54	......	....	41.9
23 22 23	29.64	44.0	45.8
3 44	29.50	48.7	49.0
6 0	29.51	47.0	47.0
6 26	......	....	46.3

Micrometer bisections are made at II, VI, except as noted below.

8.	Bisections at II, VII.
12.	Bisections at b_1, b_2, b_3, b_4, b_9.
13, 15, 37.	Bisections at VI, VII.
14.	Bisections at b_4, b_5, b_6, b_7, b_8.
18, 20, 22.	Bisections at III, IV, V.
19.	Bisections at II, VI, VII.
21, 23, 26.	Bisections at III, V.
27.	Bisections at b_2, b_5, b_9.
29.	Bisection at VII.
34, 35, 39.	Bisections at I, II, VI, VII.
36.	Bisections at I, II.
38.	Bisections at II, III, IV, V, VI.

Notes.

18.	Micrometer reading decreased 1 rev.
40 47.	Conditions variable.
41.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
34	+ 5.9	.. ....	0.0	+ 5.9
35	+ 6.3	.. ....	− 0.2	+ 6.1
36	+ 6.7	+16 11.4	...	+16 18.1
37	+ 6.7	−16 11.3	...	−16 4.6
38	+23 17.0	+15 32.2	...	+38 49.2
39	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+16°1298........	9	44 7.54	+ 0.64	+11.49	337 19 54.20	45.128	+ 3.28	− 24.0	6 44 19.67	− 1.36	+16 18 32.6	+12.3
2	B. D.+21°1426........	9	48 26.86	+ 0.65	+11.49	342 17 55.35	45.365	+ 3.27	− 18.3	6 48 39.00	− 1.41	+21 16 44.8	+11.0
3	B. D.+19°1559........	8	52 42.62	+ 0.64	+11.49	340 21 54.72	45.862	+ 3.26	− 20.5	6 52 54.75	− 1.41	+19 20 53.4	+11.6
4	B. D.+17°1479........	9	56 39.83	+ 0.64	+11.49	338 53 54.88	47.155	+ 3.26	− 22.2	6 56 51.96	− 1.42	+17 53 21.4	+12.1
5	B. D.+26°1453........	9	59 58.82	+ 0.66	+11.49	346 57 55.95	48.115	+ 3.25	− 13.3	7 0 10.97	− 1.49	+25 57 53.3	+10.0
6	B. D.+21°1528........	9	4 14.20	+ 0.65	+11.49	342 25 54.50	45.245	+ 3.24	− 18.2	7 4 26.34	− 1.46	+21 24 41.3	+11.3
7	B. D.+24°1558........	9	6 25.82	+ 0.65	+11.49	345 17 55.98	46.452	+ 3.24	− 15.1	7 6 37.96	− 1.49	+24 17 13.2	+10.6
8	B. D.+15°1504 (*north*).	5	7 9.12	+ 0.63	+11.49	336 21 54.95	44.190	+ 3.24	− 25.2	7 7 21.24	− 1.44	+15 20 10.9	+13.0
9	B. D.+22°1620........	9	9 38.66	+ 0.65	+11.49	343 7 55.60	48.215	+ 3.24	− 17.4	7 9 50.80	− 1.48	+22 7 51.1	+11.3
10	B. D.+25°1644........	9	14 59.39	+ 0.66	+11.49	346 51 54.78	45.068	+ 3.23	− 13.4	7 15 11.54	− 1.53	+25 50 42.3	+10.4
11	B. D.+26°1547........	9	18 42.60	+ 0.66	+11.49	347 49 54.62	45.030	+ 3.22	− 12.4	7 18 54.75	− 1.55	+26 48 42.3	+10.3
12	B. D.+28°1396........	9	23 11.10	+ 0.66	+11.49	349 19 54.80	45.280	+ 3.22	− 10.8	7 23 23.25	− 1.58	+28 18 49.8	+10.0
13	B. D.+18°1653........	9	26 41.81	+ 0.64	+11.49	339 35 55.08	43.710	+ 3.21	− 21.4	7 26 53.94	− 1.51	+18 34 3.6	+12.5
14	B. D.+20°1856........	9	31 16.32	+ 0.64	+11.49	341 23 54.00	44.122	+ 3.21	− 19.4	7 31 28.45	− 1.54	+20 22 13.9	+12.2
15	B. D.+23°1780........	9	35 3.17	+ 0.65	+11.49	344 15 55.05	44.030	+ 3.20	− 16.2	7 35 15.31	− 1.56	+23 14 16.1	+11.6
16	β Geminorum...........	9	39 16.06	+ 0.66	**+11.52**	349 15 55.45	46.652	+ 3.19	− 10.9	7 39 28.21	....	+28 15 21.7	....
17	B. D.+24°1777........	9	43 21.63	+ 0.65	+11.49	345 45 55.42	42.080	+ 3.19	− 14.6	7 43 33.77	− 1.60	+24 43 33.5	+11.4
18	B. D.+16°1580........	6	48 19.29	+ 0.63	+11.49	337 17 54.15	46.245	+ 3.18	− 24.1	7 48 31.41	− 1.56	+16 16 57.9	+13.4
19	1 Cancri...............	5	51 21.92	+ 0.64	+11.49	337 3 54.22	45.322	+ 3.17	− 24.4	7 51 34.05	− 1.57	+16 2 36.8	+13.5
20	3 Cancri...............	9	55 6.77	+ 0.64	+11.49	338 35 53.85	43.980	+ 3.17	− 22.6	7 55 18.90	− 1.58	+17 34 7.5	+13.2
21	χ Geminorum...........	9	57 26.96	+ 0.66	**+11.52**	349 3 56.15	47.465	+ 3.17	− 11.1	7 57 39.11	....	+28 3 40.7	....
22	B. D.+19°1911........	9	59 1.90	+ 0.64	+11.49	340 7 55.30	45.185	+ 3.16	− 20.8	7 59 14.03	− 1.60	+19 6 38.1	+13.0
23	μ Cancri...............	9	1 56.48	+ 0.65	+11.49	342 51 54.05	47.288	+ 3.16	− 17.7	8 2 8.62	− 1.62	+21 51 28.0	+12.4
24	B. D.+26°1728........	7	4 14.59	+ 0.66	+11.49	347 7 55.98	46.982	+ 3.15	− 13.1	8 4 26.74	− 1.65	+26 7 27.7	+11.6
25	B. D.+21°1817........	9	14 34.63	+ 0.65	+11.49	342 3 54.10	45.710	+ 3.14	− 18.6	8 14 46.77	− 1.64	+21 2 51.1	+12.8
26	B. D.+15°1805........	9	16 23.78	+ 0.63	+11.49	336 5 54.30	44.300	+ 3.14	− 25.5	8 16 35.90	− 1.62	+15 4 12.2	+14.0
27	γ Cancri...............	9	37 33.51	+ 0.65	**+11.49**	342 49 54.40	45.090	+ 3.11	− 17.8	8 37 45.65	....	+21 48 38.0	....
28	ξ Leonis...............	9	26 36.02	+ 0.62	**+11.45**	332 43 53.75	47.335	+ 3.00	− 29.7	9 26 48.13	....	+11 43 16.6	....
29	B. D.+13°2117........	6	29 36.72	+ 0.62	+11.49	334 5 54.30	45.830	+ 2.99	− 28.0	9 29 48.83	− 1.71	+13 4 44.5	+14.4
30	B. D.+18°2232........	9	32 35.21	+ 0.63	+11.49	338 49 54.95	41.202	+ 2.98	− 22.3	9 32 47.33	− 1.71	+17 47 5.0	+14.0
31	ο Leonis...............	9	35 51.31	+ 0.61	**+11.52**	331 19 52.98	48.115	+ 2.98	− 31.5	9 36 3.41	....	+10 19 31.9	....
32	B. D.+19°2251........	9	38 59.42	+ 0.64	+11.49	340 19 55.15	43.770	+ 2.97	− 20.6	9 39 11.55	− 1.71	+19 18 5.3	+13.9
33	B. D.+ 7°2181........	9	40 55.94	+ 0.60	+11.49	328 9 54.15	46.542	+ 2.96	− 35.8	9 41 8.03	− 1.73	+ 7 8 52.5	+14.7
34	B. D.+10°2054........	9	42 27.74	+ 0.61	+11.49	331 31 54.42	46.558	+ 2.96	− 31.3	9 42 39.84	− 1.72	+10 30 57.9	+14.5
35	B. D.+16°2039........	9	45 47.62	+ 0.63	+11.49	337 47 54.38	43.535	+ 2.95	− 23.6	9 45 59.74	− 1.71	+16 45 56.5	+14.1
36	B. D.+11°2117........	9	48 1.83	+ 0.62	+11.49	332 39 53.48	41.770	+ 2.95	− 29.9	9 48 13.94	− 1.71	+11 37 8.9	+14.4
37	83 B. Leonis............	9	51 10.34	+ 0.60	+11.49	330 23 54.05	46.935	+ 2.94	− 32.8	9 51 22.43	− 1.72	+ 9 23 4.6	+14.5
38	ν Leonis...............	9	52 53.20	+ 0.62	+11.49	333 55 54.30	43.795	+ 2.93	− 28.2	9 53 5.31	− 1.71	+12 53 57.7	+14.3
39	π Leonis...............	9	54 58.15	+ 0.60	**+11.47**	329 31 53.95	44.400	+ 2.93	− 34.0	9 55 10.24	....	+ 8 30 5.3	....
40	B. D.+14°2186........	9	56 0.56	+ 0.62	+11.49	335 25 54.42	41.485	+ 2.92	− 26.4	9 56 12.67	− 1.71	+14 23 7.1	+14.2
41	B. D.+19°2297........	9	58 26.61	+ 0.64	+11.49	340 25 54.80	45.672	+ 2.92	− 20.5	9 58 38.74	− 1.70	+19 24 48.8	+13.9
42	B. D.+13°2206........	9	1 17.39	+ 0.62	+11.49	334 17 54.40	40.710	+ 2.91	− 27.8	10 1 29.50	− 1.71	+13 14 47.7	+14.2
43	α Leonis...............	9	3 5.29	+ 0.62	**+11.49**	333 27 53.85	43.920	+ 2.91	− 28.8	10 3 17.40	....	+12 25 59.5	....
44	B. D.+17°2180........	9	6 23.73	+ 0.63	+11.49	338 45 53.90	45.610	+ 2.90	− 22.4	10 6 35.85	− 1.70	+17 44 44.3	+14.0
45	B. D.+ 3°2334........	9	8 5.06	+ 0.59	+11.49	324 33 53.12	46.312	+ 2.89	− 41.1	10 8 17.14	− 1.75	+ 3 32 41.1	+14.3
46	B. D.+12°2177........	9	9 52.24	+ 0.62	+11.49	333 11 53.32	40.958	+ 2.89	− 29.2	10 10 4.35	− 1.71	+12 8 50.9	+14.2
47	B. D.+10°2139........	9	14 12.45	+ 0.61	+11.49	331 23 53.35	49.070	+ 2.88	− 31.4	10 14 24.55	− 1.71	+10 23 54.1	+14.1
48	B. D.+11°2212........	9	16 37.52	+ 0.61	+11.49	332 11 53.35	46.225	+ 2.87	− 30.4	10 16 49.62	− 1.71	+11 10 50.0	+14.1
49	B. D.+ 9°2351........	9	20 1.35	+ 0.60	+11.49	330 17 54.45	44.545	+ 2.86	− 33.0	10 20 13.44	− 1.71	+ 9 16 9.9	+14.0
50	B. D.+ 4°2328........	9	20 59.99	+ 0.59	+11.49	325 27 54.32	41.822	+ 2.86	− 39.8	10 21 12.07	− 1.74	+ 4 25 1.0	+14.0
51	B. D.+16°2123........	9	23 7.15	+ 0.63	+11.49	337 15 54.58	45.115	+ 2.85	− 24.2	10 23 19.27	− 1.69	+16 14 32.3	+14.0
52	B. D.+ 6°2316........	9	25 50.82	+ 0.60	+11.49	326 51 52.80	43.932	+ 2.85	− 37.7	10 26 2.91	− 1.73	+ 5 49 49.8	+13.9
53	B. D.+14°2255........	5	26 53.97	+ 0.62	+11.49	335 39 53.20	42.785	+ 2.85	− 26.2	10 27 6.08	− 1.69	+14 37 35.7	+13.9
54	48 Leonis...............	9	29 37.27	+ 0.60	+11.49	328 27 53.18	46.065	+ 2.84	− 35.5	10 29 49.36	− 1.72	+ 7 26 41.3	+13.9
55	B. D.+16°2144........	9	33 35.24	+ 0.63	+11.49	337 39 54.05	42.238	+ 2.83	− 23.8	10 33 47.36	− 1.68	+16 37 25.9	+13.9
56	B. D.+ 5°2374........	9	35 11.54	+ 0.59	+11.49	326 3 52.62	45.085	+ 2.82	− 38.9	10 35 23.62	− 1.73	+ 5 2 14.4	+13.7
57	B. D.+ 1°2471........	9	37 15.77	+ 0.58	+11.49	322 23 53.78	43.720	+ 2.82	− 44.6	10 37 27.84	− 1.75	+ 1 21 39.0	+13.5
58	B. D.+ 4°2388........	9	45 49.01	+ 0.59	+11.49	325 7 53.55	43.838	+ 2.80	− 40.3	10 46 1.09	− 1.72	+ 4 5 45.7	+13.4
59	B. D.+ 0°2710........	9	47 30.71	+ 0.58	+11.49	321 19 52.92	45.595	+ 2.79	− 46.3	10 47 42.78	− 1.75	+ 0 18 19.3	+13.2
60	B. D.+13°2322........	9	49 3.84	+ 0.62	+11.49	333 53 54.00	45.870	+ 2.79	− 28.3	10 49 15.95	− 1.67	+12 52 44.6	+13.6
61	B. D.+14°2319........	8	51 30.50	+ 0.62	+11.49	335 5 54.62	43.990	+ 2.78	− 26.9	10 51 42.61	− 1.66	+14 4 3.6	+13.6
62	B. D.+12°2284........	9	54 29.76	+ 0.62	+11.49	333 15 53.32	41.212	+ 2.77	− 29.2	10 54 41.87	− 1.66	+12 12 56.3	+13.5
63	B. D.+ 6°2384........	9	55 35.94	+ 0.60	+11.49	327 37 52.95	46.552	+ 2.77	− 36.7	10 55 48.03	− 1.69	+ 6 36 50.7	+13.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 6 54	29.505	44.7	46.0
7 20	......	....	45.6
7 45	29.51	44.0	45.0
8 10	......	....	45.1
8 39	29.50	44.5	45.2
9 25	29.475	43.0	44.3
9 49	......	....	43.1
10 13	29.45	41.7	43.0
10 31	......	....	42.0

Micrometer bisections are made at II, VI, except as noted below.

7, 32, 33, 44, 49, 55, 56, 62. Bisections at I, II.
8, 19, 20, 24, 40, 51, 53, 54. Bisections at VI, VII.
23. Bisections at II, VII.
39. Bisections at I, II, VI.

Notes.

1–63. Conditions variable.
8. Assumed that north star was observed.
18, 24. Clouds.
25. Faint at times.
51, 59, 61. Circle reading decreased 2′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 6°2397	9	59 10.75	+ 0.59	+11.49	326 45 52.70	45.275	+ 2.76	− 37.9	10 59 22.83	− 1.70	+ 5 44 20.1	+13.1
2	B. D.+ 9°2458	9	2 55.78	+ 0.61	+11.49	330 33 53.18	45.212	+ 2.75	− 32.7	11 3 7.88	− 1.66	+ 9 32 24.0	+13.2
3	B. D.− 0°2409	9	4 9.28	+ 0.57	+11.49	320 13 52.78	42.268	+ 2.75	− 48.2	11 4 21.34	− 1.74	− 0 48 58.8	+12.5
4	B. D.+10°2260	9	7 32.58	+ 0.61	+11.49	331 25 53.28	41.608	+ 2.74	− 31.5	11 7 44.68	− 1.65	+10 23 3.2	+13.2
5	B. D.+ 1°2539	9	9 14.36	+ 0.58	+11.49	322 25 54.00	45.710	+ 2.73	− 44.5	11 9 26.43	− 1.72	+ 1 24 24.7	+12.5
6	B. D.+12°2319	9	13 10.10	+ 0.62	+11.49	333 31 53.48	45.068	+ 2.73	− 28.8	11 13 22.21	− 1.63	+12 30 25.2	+13.2
7	ι Leonis	9	18 44.76	+ 0.61	+11.49	332 5 53.70	42.135	+ 2.71	− 30.7	11 18 56.86	− 1.63	+11 3 16.7	+13.0
8	B. D.+ 9°2494	6	21 9.46	+ 0.60	+11.49	330 11 53.22	47.035	+ 2.70	− 33.2	11 21 21.55	− 1.64	+ 9 11 5.2	+12.8
9	B. D.+ 1°2597	9	35 18.38	+ 0.58	+11.49	322 29 52.88	47.020	+ 2.67	− 44.5	11 35 30.45	− 1.67	+ 1 28 53.5	+11.6
10	B. D.− 0°2479	9	39 30.83	+ 0.57	+11.49	320 9 52.10	46.708	+ 2.66	− 48.4	11 39 42.89	− 1.68	− 0 51 18.4	+11.2
11	B. D.+ 4°2526	9	41 40.88	+ 0.59	+11.49	325 1 53.68	45.275	+ 2.65	− 40.6	11 41 52.96	− 1.63	+ 4 0 18.3	+11.7
12	β Leonis	9	43 59.28	+ 0.62	**+11.51**	336 7 53.80	44.700	+ 2.65	− 25.7	11 44 11.39	.....	+15 6 20.1	....
13	β Virginis	8	45 31.31	+ 0.58	**+11.47**	323 19 53.92	45.015	+ 2.64	− 43.2	11 45 43.38	.....	+ 2 18 9.9	....
	February 23, M.												
14	Venus II, C	9	10 55.59	+ 0.54	+11.46	301 9 52.45	46.095	+ 2.99	−1 34.0	20 11 7.59	− 0.47	−19 52 17.2	....
	February 24, M.												
15	Sun I, S	9	24 55.03	+ 0.54	+11.47	310 57 52.45	46.052	+ 2.61	−1 5.5	22 25 7.04	+65.84	−10 3 50.1	....
16	Sun II, N	9	27 6.72	+ 0.54	+11.47	311 29 51.42	46.985	+ 2.61	−1 4.3	22 27 18.73	−65.85	− 9 31 28.7	....
	February 24, Ei.												
17	Moon I, S	9	40 56.21	+ 0.61	+11.52	337 31 56.98	47.721	+ 1.98	− 24.2	4 41 8.34	+68.70	+16 31 33.2	....
	February 24, Ei.-M.												
18	ν Orionis	9	1 54.53	+ 0.60	**+11.52**	335 47 54.62	45.578	+ 1.83	− 26.4	6 2 6.65	.....	+14 46 39.5	....
19	η Geminorum	9	8 54.09	+ 0.62	**+11.58**	343 33 55.00	43.335	+ 1.83	− 17.3	6 9 6.23	.....	+22 31 57.6	....
20	Neptune C, C	9	13 47.26	+ 0.62	+11.52	343 21 55.32	46.371	+ 1.83	− 17.5	6 13 59.40	.....	+22 21 7.1	....
21	B. D.+21°1203	9	15 19.16	+ 0.62	+11.52	342 11 55.70	44.465	+ 1.83	− 18.9	6 15 31.30	− 1.27	+21 10 22.6	+10.2
22	B. D.+25°1255	9	18 38.14	+ 0.63	+11.52	346 5 54.98	48.185	+ 1.83	− 14.5	6 18 50.29	− 1.32	+25 5 51.3	+ 9.0
23	B. D.+23°1362	9	21 56.92	+ 0.62	+11.52	344 45 56.35	42.038	+ 1.83	− 16.0	6 22 9.06	− 1.32	+23 43 30.7	+ 9.6
24	B. D.+17°1275	9	25 25.38	+ 0.60	+11.52	338 1 55.00	44.210	+ 1.83	− 23.7	6 25 37.50	− 1.28	+17 0 11.3	+11.7
25	B. D.+19°1391	9	28 48.53	+ 0.61	+11.52	340 29 54.20	48.998	+ 1.83	− 20.8	6 29 0.66	− 1.31	+19 30 2.8	+11.0
26	γ Geminorum	9	31 59.21	+ 0.60	**+11.51**	337 29 54.20	45.685	+ 1.83	− 24.3	6 32 11.33	.....	+16 28 43.6	....
27	B. D.+28°1207	9	35 7.18	+ 0.63	+11.52	349 17 56.12	45.840	+ 1.83	− 11.1	6 35 19.33	− 1.41	+28 17 2.2	+ 8.6
28	B. D.+19°1460	9	39 1.94	+ 0.61	+11.52	340 37 56.08	47.100	+ 1.83	− 20.7	6 39 14.07	− 1.35	+19 37 21.4	+11.2
29	B. D.+16°1298	9	44 7.58	+ 0.60	+11.52	337 19 54.05	45.250	+ 1.83	− 24.6	6 44 19.70	− 1.35	+16 18 33.2	+12.3
30	B. D.+21°1426	9	48 26.85	+ 0.62	+11.52	342 17 55.75	45.455	+ 1.83	− 18.8	6 48 38.99	− 1.40	+21 16 45.4	+11.0
31	B. D.+19°1559	9	52 42.68	+ 0.61	+11.52	340 21 54.60	45.940	+ 1.83	− 21.0	6 52 54.81	− 1.40	+19 20 53.3	+11.6
32	B. D.+17°1479	9	56 39.79	+ 0.61	+11.52	338 53 54.85	47.250	+ 1.83	− 22.7	6 56 51.92	− 1.40	+17 53 21.6	+12.1
33	B. D.+26°1453	9	59 58.78	+ 0.63	+11.52	346 57 55.30	48.240	+ 1.83	− 13.6	7 0 10.93	− 1.47	+25 57 53.7	+10.0
34	B. D.+21°1528	9	4 14.25	+ 0.62	+11.52	342 25 54.95	45.325	+ 1.83	− 18.6	7 4 26.39	− 1.45	+21 24 41.8	+11.3
35	B. D.+15°1504(*north*)	9	7 9.11	+ 0.60	+11.52	336 21 54.00	44.355	+ 1.83	− 25.8	7 7 21.23	− 1.43	+15 20 11.5	+13.0
36	B. D.+22°1620	9	9 38.67	+ 0.62	+11.52	343 7 55.72	48.308	+ 1.83	− 17.8	7 9 50.81	− 1.48	+22 7 51.5	+11.3
37	B. D.+25°1644	9	14 59.41	+ 0.63	+11.52	346 51 56.42	45.105	+ 1.83	− 13.7	7 15 11.56	− 1.52	+25 50 43.1	+10.4
38	B. D.+26°1547	9	18 42.58	+ 0.63	+11.52	347 49 54.98	45.108	+ 1.83	− 12.7	7 18 54.73	− 1.54	+26 48 42.7	+10.2
39	B. D.+28°1396	9	23 11.08	+ 0.63	+11.52	349 19 55.85	45.330	+ 1.83	− 11.1	7 23 23.23	− 1.57	+28 18 50.3	+10.0
40	B. D.+18°1653	9	26 41.77	+ 0.61	+11.52	339 35 55.85	43.765	+ 1.83	− 21.9	7 26 53.90	− 1.50	+18 34 3.8	+12.5
41	B. D.+20°1856	9	31 16.25	+ 0.61	+11.52	341 23 53.78	44.238	+ 1.83	− 19.8	7 31 28.38	− 1.53	+20 22 14.6	+12.2
42	B. D.+23°1780	9	35 3.11	+ 0.62	+11.52	344 15 55.02	44.110	+ 1.83	− 16.6	7 35 15.25	− 1.56	+23 14 16.1	+11.6
43	β Geminorum	9	39 16.03	+ 0.63	**+11.57**	349 15 56.80	46.662	+ 1.83	− 11.1	7 39 28.18	.....	+28 15 21.7	....
44	B. D.+24°1777	9	43 21.66	+ 0.62	+11.52	345 45 56.18	42.140	+ 1.83	− 15.0	7 43 33.80	− 1.59	+24 43 33.8	+11.4
45	B. D.+16°1580	9	48 19.31	+ 0.60	+11.52	337 17 55.52	46.280	+ 1.83	− 24.6	7 48 31.43	− 1.55	+16 16 58.2	+13.4
46	1 Cancri	9	51 21.98	+ 0.60	+11.52	337 3 54.65	45.420	+ 1.83	− 24.9	7 51 34.10	− 1.56	+16 2 37.4	+13.5
47	3 Cancri	9	55 6.76	+ 0.61	+11.52	338 35 54.68	44.058	+ 1.83	− 23.1	7 55 18.89	− 1.58	+17 34 8.1	+13.2
48	B. D.+19°1911	9	59 1.91	+ 0.61	+11.53	340 7 55.20	45.288	+ 1.83	− 21.3	7 59 14.05	− 1.59	+19 6 38.5	+13.0
49	μ Cancri	9	1 56.50	+ 0.62	+11.53	342 51 54.98	47.325	+ 1.83	− 18.2	8 2 8.65	− 1.61	+21 51 27.9	+12.4
50	B. D.+26°1728	9	4 14.57	+ 0.63	+11.53	347 7 55.55	47.100	+ 1.83	− 13.4	8 4 26.73	− 1.64	+26 7 28.1	+11.6
51	B. D.+21°1792	9	8 40.50	+ 0.62	+11.53	341 59 55.22	47.992	+ 1.83	− 19.1	8 8 52.65	− 1.62	+20 59 42.5	+12.7
52	B. D.+21°1817	9	14 34.63	+ 0.62	+11.53	342 3 55.50	45.752	+ 1.83	− 19.1	8 14 46.78	− 1.63	+21 2 51.6	+12.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 10 59	29.435	40.7	41.7
11 23	......	....	40.7
11 48	29.41	40.0	40.1
20 11	29.45	47.2	49.2
24 22 27	29.47	50.0	50.1
4 41	[illegible]	[illegible]	[illegible]
6 2	[illegible]	37.6	37.2
[illegible]	......	....	36.7
6 54	29.606	36.5	36.2
7 20	......	....	36.0
7 45	29.63	35.8	36.0
8 10	......	....	35.6

Micrometer bisections are made at II, VI, except as noted below.

2, 8, 15. Bisections at I, II.
7, 16, 31. Bisections at VI, VII.
14, 20. Bisections at I, II, VI, VII.
17. Bisections at II, III, IV, V, VI.
29, 42. Bisections at II, VII.

Notes.

5, 8. Clouds.
19. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+ 5.8	.. ....	0.0	+ 5.8
15	+ 6.7	+16 10.6	...	+16 17.3
16	+ 6.6	−16 10.7	...	−16 4.1
17	+21 48.8	+15 46.6	...	+37 35.4
20	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+15°1805	9	16 23.79	+ 0.60	+11.53	336 5 54.40	44.390	+ 1.83	– 26.1	8 16 35.92	– 1.61	+15 4 12.4	+14.0
2	B. D.+27°1612 (*mean*)	6	20 48.47	+ 0.63	+11.53	348 15 56.02	45.208	+ 1.83	– 12.2	8 21 0.63	– 1.68	+27 14 46.6	+11.7
3	29 Cancri	9	23 5.52	+ 0.60	+11.53	335 33 54.60	42.645	+ 1.83	– 26.8	8 23 17.65	– 1.63	+14 31 32.0	+14.1
4	η Cancri	9	26 59.00	+ 0.62	**+11.59**	341 45 54.55	48.488	+ 1.83	– 19.4	8 27 11.15	....	+20 45 53.0	....
5	B. D.+22°1962	9	30 53.23	+ 0.62	+11.53	343 31 55.45	43.890	+ 1.83	– 17.4	8 31 5.38	– 1.67	+22 30 10.7	+12.8
6	B. D.+20°2149	9	34 1.36	+ 0.61	+11.53	341 7 55.75	45.705	+ 1.83	– 20.1	8 34 13.50	– 1.66	+20 6 49.5	+13.3
7	B. D.+20°2175	9	35 15.53	+ 0.61	+11.53	340 55 55.18	46.392	+ 1.83	– 20.4	8 35 27.67	– 1.66	+19 55 4.6	+13.3
8	γ Cancri	9	37 33.53	+ 0.62	**+11.49**	342 49 54.25	45.220	+ 1.83	– 18.2	8 37 45.68	....	+21 48 39.1	....
9	ξ Leonis	9	26 35.99	+ 0.59	**+11.51**	332 43 55.32	47.345	+ 1.83	– 30.4	9 26 48.11	....	+11 43 16.5	....
10	ο Leonis	9	35 51.32	+ 0.59	**+11.53**	331 19 54.50	48.115	+ 1.83	– 32.3	9 36 3.44	....	+10 19 31.4	....
11	B. D.+19°2251	9	38 59.40	+ 0.61	+11.53	340 19 55.25	43.845	+ 1.83	– 21.1	9 39 11.54	– 1.71	+19 18 5.8	+13.9
12	B. D.+10°2054	9	42 27.77	+ 0.58	+11.53	331 31 53.90	46.695	+ 1.83	– 32.0	9 42 39.88	– 1.72	+10 30 58.7	+14.6
13	B. D.+15°2115	9	43 48.17	+ 0.60	+11.53	336 25 54.90	43.942	+ 1.83	– 25.8	9 44 0.30	– 1.71	+15 24 3.0	+14.2
14	B. D.+16°2039	9	45 47.61	+ 0.60	+11.53	337 47 55.02	43.608	+ 1.83	– 24.1	9 45 59.74	– 1.71	+16 45 57.1	+14.1
15	83 B. Leonis	9	51 10.32	+ 0.58	+11.53	330 23 54.25	47.025	+ 1.83	– 33.5	9 51 22.43	– 1.72	+ 9 23 5.1	+14.5
16	ν Leonis	9	52 53.27	+ 0.59	+11.53	333 55 54.55	43.890	+ 1.83	– 28.9	9 53 5.39	– 1.71	+12 53 58.3	+14.3
17	B. D.+14°2186	9	56 0.55	+ 0.60	+11.53	335 25 54.55	41.578	+ 1.83	– 27.0	9 56 12.68	– 1.71	+14 23 7.4	+14.2
18	B. D.+13°2206	9	1 17.37	+ 0.59	+11.53	334 17 55.42	40.735	+ 1.83	– 28.5	10 1 29.49	– 1.71	+13 14 47.5	+14.2
19	α Leonis	9	3 5.33	+ 0.59	**+11.48**	333 27 53.62	43.990	+ 1.83	– 29.5	10 3 17.45	....	+12 25 59.1	....
20	B. D.+17°2180	9	6 23.74	+ 0.60	+11.53	338 45 55.42	45.600	+ 1.83	– 23.0	10 6 35.87	– 1.70	+17 44 44.2	+14.0
21	B. D.+12°2177	9	9 52.15	+ 0.59	+11.53	333 11 54.22	41.000	+ 1.83	– 29.9	10 10 4.27	– 1.71	+12 8 50.7	+13.7
22	B. D.+18°2338	9	10 52.03	+ 0.60	+11.53	339 13 54.85	45.982	+ 1.83	– 22.4	10 11 4.16	– 1.70	+18 12 52.9	+14.0
23	B. D.+10°2139	9	14 12.44	+ 0.58	+11.53	331 23 53.98	49.130	+ 1.83	– 32.2	10 14 24.55	– 1.72	+10 23 54.2	+14.2
24	B. D.+11°2212	9	16 37.43	+ 0.59	+11.53	332 11 53.95	46.270	+ 1.83	– 31.2	10 16 49.55	– 1.71	+11 10 49.8	+14.1
25	B. D.+ 9°2351	9	20 1.27	+ 0.58	+11.53	330 17 54.45	44.610	+ 1.83	– 33.7	10 20 13.38	– 1.72	+ 9 16 9.9	+14.1
26	B. D.+16°2123	9	23 7.06	+ 0.60	+11.53	337 15 54.75	45.210	+ 1.83	– 24.8	10 23 19.19	– 1.69	+16 14 32.8	+14.0
27	B. D.+ 6°2316	9	25 50.75	+ 0.57	+11.53	326 51 54.78	43.922	+ 1.83	– 38.6	10 26 2.85	– 1.73	+ 5 49 49.6	+14.0
28	48 Leonis	8	29 37.22	+ 0.58	+11.53	328 27 54.32	46.082	+ 1.83	– 36.3	10 29 49.33	– 1.72	+ 7 26 40.8	+14.0
29	B. D.+16°2144	9	33 35.23	+ 0.60	+11.53	337 39 54.40	42.262	+ 1.83	– 24.3	10 33 47.36	– 1.68	+16 37 25.6	+13.9
30	B. D.+ 1°2471	9	37 15.77	+ 0.56	+11.53	322 23 53.98	43.815	+ 1.83	– 45.6	10 37 27.86	– 1.76	+ 1 21 39.1	+13.6
31	B. D.+ 5°2384 (*fol.*)	9	38 11.57	+ 0.57	+11.53	326 15 54.18	46.795	+ 1.83	– 39.5	10 38 23.67	– 1.73	+ 5 14 53.8	+13.7
32	B. D.+14°2294	9	41 9.81	+ 0.60	+11.53	335 43 55.08	43.565	+ 1.83	– 26.7	10 41 21.94	– 1.68	+14 41 53.6	+13.8
33	B. D.+ 4°2388	9	45 48.97	+ 0.56	+11.53	325 7 54.10	43.890	+ 1.83	– 41.2	10 46 1.06	– 1.73	+ 4 5 45.6	+13.5
34	B. D.+ 0°2710	9	47 30.72	+ 0.55	+11.53	321 19 55.20	45.572	+ 1.83	– 47.3	10 47 42.80	– 1.76	+ 0 18 19.1	+13.3
35	B. D.+14°2319	9	51 30.49	+ 0.59	+11.53	335 5 54.22	44.085	+ 1.83	– 27.5	10 51 42.61	– 1.67	+14 4 3.8	+13.7
36	B. D.+12°2284	9	54 29.72	+ 0.59	+11.53	333 15 53.90	41.265	+ 1.83	– 29.8	10 54 41.84	– 1.67	+12 12 56.8	+13.6
37	B. D.+ 6°2397	9	59 10.74	+ 0.57	+11.53	326 45 53.85	45.305	+ 1.83	– 38.8	10 59 22.84	– 1.70	+ 5 44 20.1	+13.2
38	B. D.+ 9°2458	9	2 55.76	+ 0.58	+11.53	330 33 54.78	45.195	+ 1.83	– 33.4	11 3 7.87	– 1.68	+ 9 32 23.9	+13.3
39	B. D.– 0°2409	9	4 9.24	+ 0.55	+11.53	320 13 54.02	42.358	+ 1.83	– 49.3	11 4 21.32	– 1.74	– 0 48 57.6	+12.6
40	B. D.+ 1°2539	9	9 14.36	+ 0.56	+11.53	322 25 56.00	45.690	+ 1.83	– 45.5	11 9 26.45	– 1.73	+ 1 24 24.3	+12.6
41	B. D.+12°2319	9	13 10.07	+ 0.59	+11.53	333 31 53.55	45.128	+ 1.83	– 29.4	11 13 22.19	– 1.64	+12 30 25.1	+13.3
42	B. D.+ 5°2484	9	15 51.82	+ 0.57	+11.53	326 25 54.20	45.028	+ 1.83	– 39.3	11 16 3.92	– 1.68	+ 5 24 13.6	+12.7
43	ι Leonis	9	18 44.79	+ 0.58	+11.53	332 5 54.65	42.202	+ 1.83	– 31.3	11 18 56.90	– 1.64	+11 3 17.5	+13.1
44	B. D.+ 9°2494	9	21 9.32	+ 0.58	+11.53	330 11 54.02	47.072	+ 1.83	– 33.9	11 21 21.43	– 1.65	+ 9 11 5.5	+12.9
45	B. D.+ 0°2793	9	24 14.46	+ 0.55	+11.53	321 13 53.98	42.152	+ 1.83	– 47.6	11 24 26.54	– 1.71	+ 0 10 59.5	+12.0
46	B. D.+ 4°2492	9	28 18.14	+ 0.57	+11.53	325 41 54.50	43.638	+ 1.83	– 40.4	11 28 30.24	– 1.67	+ 4 39 41.0	+12.3
47	B. D.+ 6°2470	9	31 27.72	+ 0.57	+11.53	327 39 52.62	45.038	+ 1.83	– 37.5	11 31 39.82	– 1.65	+ 6 38 14.0	+12.4
48	B. D.+ 1°2597	9	35 18.34	+ 0.56	+11.53	322 29 54.25	47.010	+ 1.83	– 45.4	11 35 30.43	– 1.68	+ 1 28 52.9	+11.7
49	B. D.– 0°2479	9	39 30.81	+ 0.55	+11.53	320 9 53.62	46.738	+ 1.83	– 49.3	11 39 42.89	– 1.70	– 0 51 17.9	+11.3
50	B. D.+ 4°2526	9	41 40.88	+ 0.56	+11.53	325 1 53.78	45.348	+ 1.83	– 41.4	11 41 52.97	– 1.64	+ 4 0 18.4	+11.8
51	β Leonis	9	43 59.25	+ 0.59	**+11.59**	336 7 54.58	44.715	+ 1.83	– 26.2	11 44 11.37	....	+15 6 19.9	....
52	β Virginis	9	45 31.23	+ 0.56	**+11.58**	323 19 53.62	45.120	+ 1.83	– 44.1	11 45 43.32	....	+ 2 18 10.3	....
	February 24, Br.												
53	π Hydræ	7	0 43.85	+ 0.49	+11.40	294 49 52.48	45.290	+ 1.98	–2 7.6	14 0 55.74	....	–26 13 9.9	....
54	55 Cassiopeiæ S. P.	8	6 44.64	+ 0.68	+11.40	74 53 57.70	41.910	+ 1.98	+3 37.9	2 6 56.72	....	+66 4 36.8	....
55	λ Virginis	7	13 44.19	+ 0.55	**+11.36**	308 6	......	....	....	14 13 56.14	....	–12 55	....
56	θ Boötis	9	21 44.35	+ 0.70	+11.40	13 17 57.15	45.735	+ 1.98	+ 14.1	14 21 56.45	....	+52 17 26.2	....
57	5 Ursæ Minoris	9	27 31.44	+ 0.80	+11.40	37 7 57.35	43.638	+ 1.98	+ 45.2	14 27 43.64	....	+76 7 9.5	....
58	33 Boötis	7	35 4.52	+ 0.68	+11.40	5 49 55.78	44.802	+ 1.98	+ 6.2	14 35 16.60	....	+44 48 55.7	....
59	ε Boötis	9	40 36.43	+ 0.65	**+11.38**	348 29 56.30	44.652	+ 1.98	– 12.1	14 40 48.48	....	+27 28 34.4	....
60	α Libræ	9	45 23.22	+ 0.54	**+11.37**	305 23 53.08	44.965	+ 1.98	–1 23.5	14 45 35.16	....	–15 38 33.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
24 8 39	29.615	35.1	35.3	4, 45.	Bisections at II, VI, VII.					
9 25	29.60	35.0	34.8	6, 21, 30.	Bisections at I, II.					
9 48	......	....	34.5	22.	Bisections at II, VII.					
10 12	29.60	34.0	33.9	46.	Bisections at I, II, VI, VII.					
10 31	......	....	33.8	53, 58.	Bisections at VI, VII.					
10 55	29.60	33.5	33.9	54.	Bisections at III, IV.					
11 47	29.60	33.0	33.8	56.	Bisections at III, V.					
14 1	29.61	32.8	32.8	57.	Bisections at III, IV, V.					
14 28	29.62	32.8	32.4							

Notes.

21. Micrometer reading decreased 1 rev.

29, 33, 34. Images poor.

54. Unsteady.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	47 H. Cephei s. p.	9	53 7.13	+ 0.59	+11.40	61 57 57.85	41.430	+ 1.98	+1 51.8	2 53 19.12	.....	+79 2 33.5	....
2	γ Scorpii	4	58 16.26	+ 0.50	+11.40	296 7 52.05	47.530	+ 1.98	−2 0.7	14 58 28.16	.....	−24 54 12.2	....
3	57 B. Ursæ Minoris	7	7 41.84	+ 1.23	+11.40	48 35 59.32	44.750	+ 1.98	+1 7.8	15 7 54.47	.....	+87 35 58.9	....
4	η Coronæ Borealis	9	19 2.82	+ 0.66	+11.40	351 39 55.95	42.755	+ 1.98	− 8.7	15 19 14.88	.....	+30 37 54.1	....
5	β Coronæ Borealis	8	23 40.74	+ 0.65	**+11.42**	350 25 55.68	48.398	+ 1.98	− 10.0	15 23 52.79	.....	+29 26 1.5	....
6	γ Libræ	9	29 58.20	+ 0.54	**+11.46**	306 33 52.45	45.975	+ 1.98	−1 20.4	15 30 10.14	.....	−14 28 7.4	....
7	α Serpentis	9	39 21.00	+ 0.61	**+11.38**	327 43 52.50	48.640	+ 1.98	− 37.7	15 39 33.01	.....	+ 6 43 36.2	....
8	ζ Ursæ Minoris	9	47 15.07	+ 0.82	+11.40	39 5 58.50	43.553	+ 1.98	+ 48.8	15 47 27.29	.....	+78 5 12.3	....
9	ε Coronæ Borealis	9	53 25.09	+ 0.65	**+11.40**	348 9 56.42	46.328	+ 1.98	− 12.5	15 53 37.14	.....	+27 9 12.4	....
10	θ Draconis	9	59 53.12	+ 0.72	+11.40	19 49 56.25	44.523	+ 1.98	+ 21.7	16 0 5.24	.....	+58 49 5.2	....
11	87 B. Draconis	9	5 50.94	+ 0.75	+11.40	29 3 57.70	45.260	+ 1.98	+ 33.5	16 6 3.09	.....	+68 3 35.0	....
12	σ² Coronæ Borealis	9	10 53.13	+ 0.66	+11.40	355 7 54.65	42.780	+ 1.98	− 5.1	16 11 5.19	.....	+34 5 57.1	....
13	γ Herculis	9	17 29.44	+ 0.64	**+11.36**	340 23 54.68	45.198	+ 1.98	− 21.4	16 17 41.48	.....	+19 22 36.0	....
14	λ Ophiuchi	9	25 52.70	+ 0.60	**+11.40**	323 11 54.18	48.970	+ 1.98	− 44.9	16 26 4.70	.....	+ 2 11 38.2	....
15	ζ Ophiuchi	9	31 40.91	+ 0.56	**+11.33**	310 39 52.10	44.990	+ 1.98	−1 9.9	16 31 52.87	.....	−10 22 19.8	....
16	Venus II, C	9	16 2.39	+ 0.55	+11.41	301 23 52.68	43.570	+ 3.54	−1 40.4	20 16 14.35	− 0.47	−19 39 20.5	....
	February 25, Br.												
17	Sun I, N	9	28 42.70	+ 0.56	+11.42	311 51 53.25	47.320	+ 3.84	−1 8.4	22 28 54.68	+65.90	− 9 9 21.9	....
18	Sun II, S	9	30 54.50	+ 0.56	+11.42	311 19 52.38	46.430	+ 3.84	−1 9.7	22 31 6.48	−65.90	− 9 41 44.6	....
	February 25, Ei.-R.												
19	Moon I, S	9	40 20.84	+ 0.66	+11.56	338 31 54.75	43.966	+ 3.70	− 24.3	5 40 33.06	+70.31	+17 30 6.8	....
20	Neptune C, C	9	13 44.59	+ 0.64	+11.56	343 21 54.90	46.462	+ 3.70	− 18.5	6 13 56.79	.....	+22 21 9.7	....
21	μ Geminorum	9	16 58.30	+ 0.64	**+11.55**	343 33 54.78	47.755	+ 3.70	− 18.2	6 17 10.50	.....	+22 33 39.4	....
22	10 Monocerotis	9	23 2.18	+ 0.60	**+11.60**	316 19 54.05	44.108	+ 3.70	− 59.1	6 23 14.34	.....	− 4 42 25.7	....
23	B. D.+29°1248	9	24 26.79	+ 0.64	+11.56	350 53 56.68	46.988	+ 3.70	− 9.9	6 24 38.99	− 1.38	+29 53 32.1	+ 7.7
24	B. D.+24°1303	9	27 15.70	+ 0.64	+11.56	345 7 55.45	44.918	+ 3.70	− 16.4	6 27 27.90	− 1.33	+24 6 37.1	+ 9.6
25	B. D.+24°1328	9	31 23.34	+ 0.64	+11.56	345 39 55.22	48.878	+ 3.70	− 15.8	6 31 35.54	− 1.35	+24 40 7.9	+ 9.5
26	B. D.+19°1430	9	34 10.99	+ 0.64	+11.56	340 45 55.28	45.160	+ 3.70	− 21.6	6 34 23.19	− 1.32	+19 44 37.2	+11.1
27	B. D.+22°1456	9	38 57.39	+ 0.64	+11.56	343 55 55.20	48.500	+ 3.70	− 17.8	6 39 9.59	− 1.36	+22 55 57.3	+10.3
28	B. D.+19°1492	9	43 47.83	+ 0.64	+11.56	340 17 54.92	44.708	+ 3.70	− 22.2	6 44 0.03	− 1.35	+19 16 25.9	+11.4
29	B. D.+23°1518	9	45 59.52	+ 0.64	+11.56	344 43 55.15	45.418	+ 3.70	− 16.9	6 46 11.72	− 1.40	+23 42 47.7	+10.2
30	B. D.+26°1405	9	52 41.73	+ 0.64	+11.56	347 13 54.85	44.052	+ 3.70	− 14.0	6 52 53.93	− 1.44	+26 12 19.1	+ 9.7
31	B. D.+24°1502	9	56 23.16	+ 0.64	+11.56	345 21 55.65	45.942	+ 3.70	− 16.1	6 56 35.36	− 1.44	+24 21 1.0	+10.3
32	B. D.+22°1566	9	59 20.92	+ 0.64	+11.56	343 47 55.38	45.295	+ 3.70	− 18.0	6 59 33.12	− 1.43	+22 46 44.0	+10.8
33	B. D.+25°1594	9	3 31.12	+ 0.64	+11.56	346 53 55.95	45.938	+ 3.70	− 14.4	7 3 43.32	− 1.48	+25 53 2.9	+10.1
34	B. D.+25°1609	8	6 44.51	+ 0.64	+11.56	346 55 55.58	44.288	+ 3.70	− 14.4	7 6 56.71	− 1.48	+25 54 24.8	+10.1
35	B. D.+18°1538	9	9 3.83	+ 0.64	+11.56	339 43 55.48	47.385	+ 3.70	− 22.9	7 9 16.03	− 1.44	+18 43 27.0	+12.2
36	B. D.+19°1685	9	14 13.53	+ 0.64	+11.56	340 43 55.05	42.845	+ 3.70	− 21.7	7 14 25.73	− 1.46	+19 41 44.0	+12.0
37	B. D.+20°1775	9	16 6.36	+ 0.64	+11.56	341 37 55.45	47.015	+ 3.70	− 20.6	7 16 18.56	− 1.47	+20 37 20.8	+11.8
38	B. D.+27°1374	9	18 24.45	+ 0.64	+11.56	348 49 55.50	46.512	+ 3.70	− 12.2	7 18 36.65	− 1.54	+27 49 17.7	+ 9.9
39	B. D.+19°1734	9	22 2.77	+ 0.64	+11.56	340 15 55.12	44.235	+ 3.70	− 22.2	7 22 14.97	− 1.48	+19 14 15.3	+12.3
40	B. D.+17°1596	9	26 5.68	+ 0.64	+11.56	338 17 55.70	46.935	+ 3.70	− 24.7	7 26 17.88	− 1.48	+17 17 15.1	+12.9
41	B. D.+23°1744	9	26 54.81	+ 0.64	+11.56	344 5 55.98	46.955	+ 3.70	− 17.6	7 27 7.01	− 1.52	+23 5 22.9	+11.4
42	υ Geminorum	9	29 49.87	+ 0.64	+11.56	348 7 56.02	44.255	+ 3.70	− 13.0	7 30 2.07	− 1.56	+27 6 25.9	+10.4
43	B. D.+19°1794	9	34 37.32	+ 0.64	+11.56	340 35 54.70	45.185	+ 3.70	− 21.8	7 34 49.52	− 1.52	+19 34 37.0	+12.4
44	κ Geminorum	9	38 28.60	+ 0.64	**+11.58**	345 37 55.72	47.365	+ 3.70	− 15.9	7 38 40.80	.....	+24 37 33.7	....
45	B. D.+23°1812	9	42 38.73	+ 0.64	+11.56	344 23 55.00	44.825	+ 3.70	− 17.3	7 42 50.93	− 1.57	+23 22 33.6	+11.7
46	φ Geminorum	9	47 26.83	+ 0.64	**+11.58**	348 1 57.25	44.978	+ 3.70	− 13.1	7 47 39.03	.....	+27 0 43.5	....
47	B. D.+26°1684	9	50 46.48	+ 0.64	+11.56	347 21 56.20	46.962	+ 3.70	− 13.9	7 50 58.68	− 1.61	+26 21 27.0	+11.1
48	B. D.+23°1866	9	55 6.32	+ 0.64	+11.56	344 51 56.05	45.005	+ 3.70	− 16.8	7 55 18.52	− 1.60	+23 50 39.2	+11.8
49	B. D.+21°1753	9	58 39.82	+ 0.64	+11.56	342 17 55.78	44.828	+ 3.70	− 19.8	7 58 52.02	− 1.59	+21 16 31.9	+12.5
50	B. D.+24°1863	9	1 56.32	+ 0.64	+11.56	345 19 55.78	42.215	+ 3.70	− 16.3	8 2 8.52	− 1.62	+24 17 35.7	+11.9
51	B. D.+14°1831	9	3 9.97	+ 0.63	+11.56	334 55 54.82	46.602	+ 3.70	− 29.0	8 3 22.16	− 1.58	+13 55 2.3	+14.1
52	B. D.+22°1886	9	8 0.57	+ 0.64	+11.56	343 35 55.05	43.288	+ 3.70	− 18.3	8 8 12.77	− 1.62	+22 33 57.5	+12.4
53	B. D.+19°1979	9	14 18.12	+ 0.64	+11.56	340 45 55.52	46.360	+ 3.70	− 21.6	8 14 30.32	− 1.62	+19 45 4.9	+13.0
54	B. D.+14°1879	9	16 22.14	+ 0.63	+11.56	334 57 55.05	42.740	+ 3.70	− 29.0	8 16 34.33	− 1.60	+13 55 34.3	+14.2
55	B. D.+24°1931	9	22 44.84	+ 0.64	+11.56	345 29 55.78	42.330	+ 3.70	− 16.1	8 22 57.04	− 1.66	+24 27 38.6	+12.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 14 53	......	....	32.0
15 39	29.665	30.9	30.0
16 6	......	....	28.9
16 32	29.69	29.0	28.0
20 16	29.875	24.0	20.9
25 22 31	29.89	24.0	21.0
5 40	30.005	21.0	20.0
6 10	30.01	20.8	19.5
6 36	......	....	19.1
7 1	30.02	19.8	19.0
7 24	......	....	18.5
7 49	30.065	19.0	18.2
8 10	......	....	18.0

Micrometer bisections are made at II, VI, except as noted below.

1, 3, 8, 10.	Bisections at III, IV, V.
2.	Bisection at VII.
12, 18.	Bisections at VI, VII.
16, 20.	Bisections at I, II, VI, VII.
17, 22.	Bisections at I, II.
19.	Bisections at II, III, IV, V, VI.
23, 30, 35.	Bisections at II, VII.

Notes.

1.	Woolly.
5–15.	High wind.
37–39.	Stars subject to abnormal refraction for periods of from 5 to 10 seconds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+ 5.8	.. ....	0.0	+ 5.8
17	+ 6.6	−16 11.3	...	−16 4.7
18	+ 6.6	+16 11.4	...	+16 18.0
19	+21 14.1	+16 1.7	...	+37 15.8
20	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Cancri	9	26 59.01	+ 0.64	**+11.55**	341 45 56.18	48.358	+ 3.70	− 20.4	8 27 11.21	.....	+20 45 52.4	....
2	B. D.+20°2171	9	34 46.21	+ 0.64	+11.56	340 53 55.02	45.880	+ 3.70	− 21.5	8 34 58.41	− 1.66	+19 52 53.5	+13.3
3	γ Cancri	9	37 33.47	+ 0.64	**+11.52**	342 49 54.85	45.140	+ 3.70	− 19.2	8 37 45.67	.....	+21 48 38.7	....
	February 27, Ei.-M.												
4	Neptune C, C	9	13 39.86	+ 0.67	+11.52	343 21 56.45	46.760	+ 1.90	− 18.2	6 13 52.05	.....	+22 21 16.6	....
5	μ Geminorum	9	16 58.29	+ 0.67	**+11.49**	343 33 56.52	47.745	+ 1.90	− 18.0	6 17 10.48	.....	+22 33 39.3	....
6	10 Monocerotis	9	23 2.14	+ 0.64	**+11.57**	316 19 56.15	44.020	+ 1.90	− 58.3	6 23 14.30	.....	− 4 42 26.6	....
7	B. D.+29°1248	9	24 26.77	+ 0.67	+11.52	350 53 58.35	46.965	+ 1.90	− 9.7	6 24 38.96	− 1.34	+29 53 31.6	+ 7.6
8	B. D.+24°1303	9	27 15.67	+ 0.67	+11.52	345 7 57.92	44.862	+ 1.90	− 16.2	6 27 27.86	− 1.30	+24 6 36.7	+ 9.5
9	B. D.+24°1328	8	31 23.25	+ 0.67	+11.52	345 39 57.88	48.798	+ 1.90	− 15.6	6 31 35.44	− 1.32	+24 40 7.4	+ 9.4
10	B. D.+19°1430	9	34 10.93	+ 0.67	+11.52	340 45 56.02	45.198	+ 1.90	− 21.3	6 34 23.12	− 1.29	+19 44 37.3	+11.0
11	B. D.+22°1456	8	38 57.39	+ 0.67	+11.52	343 55 56.15	48.528	+ 1.90	− 17.6	6 39 9.58	− 1.34	+22 55 57.3	+10.2
12	B. D.+19°1492	9	43 47.81	+ 0.67	+11.52	340 17 55.40	44.755	+ 1.90	− 21.9	6 44 0.00	− 1.32	+19 16 26.0	+11.4
13	B. D.+23°1518	9	45 59.54	+ 0.67	+11.52	344 43 55.62	45.462	+ 1.90	− 16.7	6 46 11.73	− 1.37	+23 42 47.6	+10.1
14	B. D.+26°1405	9	52 41.69	+ 0.68	+11.52	347 13 55.00	44.122	+ 1.90	− 13.8	6 52 53.89	− 1.41	+26 12 19.2	+ 9.6
15	B. D.+24°1502	9	56 23.09	+ 0.67	+11.52	345 21 55.50	46.035	+ 1.90	− 15.9	6 56 35.28	− 1.41	+24 21 1.3	+10.2
16	B. D.+22°1566	9	59 20.88	+ 0.67	+11.52	343 47 54.58	45.390	+ 1.90	− 17.8	6 59 33.07	− 1.41	+22 46 44.0	+10.7
17	B. D.+25°1594	9	3 31.08	+ 0.67	+11.52	346 53 54.72	46.085	+ 1.90	− 14.2	7 3 43.27	− 1.45	+25 53 3.4	+10.0
18	B. D.+25°1609	9	6 44.46	+ 0.67	+11.52	346 55 54.70	44.405	+ 1.90	− 14.2	7 6 56.65	− 1.46	+25 54 25.0	+10.0
19	B. D.+18°1538	9	9 3.82	+ 0.67	+11.52	339 43 55.42	47.458	+ 1.90	− 22.6	7 9 16.01	− 1.41	+18 43 27.1	+12.1
20	B. D.+20°1775	9	16 6.32	+ 0.67	+11.52	341 37 55.20	47.105	+ 1.90	− 20.3	7 16 18.51	− 1.45	+20 37 21.1	+11.7
21	B. D.+27°1374	9	18 24.47	+ 0.67	+11.52	348 49 55.65	46.580	+ 1.90	− 12.0	7 18 36.66	− 1.52	+27 49 17.8	+ 9.8
22	B. D.+19°1734	9	22 2.76	+ 0.67	+11.52	340 15 55.50	44.278	+ 1.90	− 22.0	7 22 14.95	− 1.46	+19 14 15.1	+12.2
23	B. D.+17°1596	9	26 5.65	+ 0.67	+11.52	338 17 55.52	47.000	+ 1.90	− 24.4	7 26 17.84	− 1.46	+17 17 14.9	+12.8
24	υ Geminorum	9	29 49.87	+ 0.67	+11.52	348 7 56.18	44.330	+ 1.90	− 12.8	7 30 2.06	− 1.54	+27 6 26.1	+10.3
25	B. D.+19°1794	9	34 37.24	+ 0.67	+11.52	340 35 54.42	45.255	+ 1.90	− 21.6	7 34 49.43	− 1.50	+19 34 36.7	+12.4
26	κ Geminorum	9	38 28.56	+ 0.67	**+11.56**	345 37 55.75	47.435	+ 1.90	− 15.6	7 38 40.75	.....	+24 37 33.9	....
27	B. D.+23°1812	9	42 38.72	+ 0.67	+11.52	344 23 54.85	44.910	+ 1.90	− 17.1	7 42 50.91	− 1.55	+23 22 33.8	+11.6
28	Moon I, N	9	45 18.48	+ 0.69	+11.52	337 21 54.28	46.760	+ 1.90	− 25.5	7 45 30.69	+71.84	+16 21 7.1	....
29	φ Geminorum	9	47 26.88	+ 0.68	**+11.47**	348 1 56.78	45.070	+ 1.90	− 12.9	7 47 39.08	.....	+27 0 43.8	....
	March 1, Br.												
30	ι Tauri	9	57 10.24	+ 0.62	**+11.38**	342 27 56.68	46.268	+ 1.76	− 18.5	4 57 22.19	.....	+21 27 5.1	....
31	λ Eridani	9	4 21.89	+ 0.56	+11.33	312 9 53.30	43.190	+ 1.76	−1 4.7	5 4 33.78	− 0.63	− 8 52 54.7	+18.2
32	β Orionis	9	9 44.26	+ 0.56	**+11.31**	312 41 55.48	48.042	+ 1.76	−1 3.5	5 9 56.13	.....	− 8 19 0.5	....
33	β Tauri	9	20 2.39	+ 0.62	**+11.36**	349 31 56.72	47.128	+ 1.76	− 10.8	5 20 14.34	.....	+28 31 32.5	....
34	δ Orionis	9	26 55.00	+ 0.58	**+11.35**	320 39 52.82	43.702	+ 1.76	− 48.1	5 27 6.91	.....	− 0 22 27.2	....
35	ε Orionis	9	31 9.41	+ 0.58	**+11.37**	319 45 54.30	44.822	+ 1.76	− 49.7	5 31 21.32	.....	− 1 16 1.4	....
36	23 Camelopardalis	5	35 8.53	+ 0.66	+11.33	22 25 57.55	46.382	+ 1.76	+ 24.4	5 35 20.52	− 1.74	+61 25 51.4	− 4.1
37	κ Orionis	9	43 1.18	+ 0.56	**+11.34**	311 19 53.40	44.302	+ 1.76	−1 6.8	5 43 13.07	.....	− 9 42 31.3	....
38	δ Ursæ Minoris s. p.	9	2 51.22	+ 0.98	+11.33	54 23 59.00	42.493	+ 1.76	+1 22.5	18 3 3.53	.....	+86 36 37.3	....
39	51 H. Cephei	9	55 47.94	+ 0.37	+11.33	48 12	......	....	. ....	6 55 59.64	.....	+87 12	....
	March 1, Ei.-M.												
40	ι Geminorum	9	19 35.36	+ 0.62	**+11.45**	348 59 57.38	46.292	+ 1.80	− 11.5	7 19 47.44	.....	+27 59 13.4	....
41	β Canis Minoris	9	21 46.06	+ 0.60	**+11.47**	329 29 53.80	46.265	+ 1.80	− 35.0	7 21 58.12	.....	+ 8 28 45.7	....
42	κ Geminorum	9	38 28.64	+ 0.62	**+11.50**	345 37 55.92	47.425	+ 1.80	− 15.2	7 38 40.72	.....	+24 37 33.8	....
43	B. D.+20°1893	9	39 20.69	+ 0.62	+11.46	341 33 55.50	45.230	+ 1.80	− 19.9	7 39 32.77	− 1.49	+20 32 38.8	+12.0
44	B. D.+17°1684	9	44 55.28	+ 0.61	+11.46	338 7 55.50	46.720	+ 1.80	− 23.9	7 45 7.35	− 1.48	+17 7 8.9	+13.0
45	B. D.+26°1684	9	50 46.60	+ 0.62	+11.46	347 21 55.62	47.098	+ 1.80	− 13.3	7 50 58.68	− 1.56	+26 21 28.2	+10.7
46	B. D.+16°1598	9	52 52.37	+ 0.61	+11.46	337 47 55.12	44.945	+ 1.80	− 24.3	7 53 4.44	− 1.51	+16 46 27.6	+13.2
47	B. D.+25°1816	9	55 45.91	+ 0.62	+11.46	346 21 55.70	46.165	+ 1.80	− 14.4	7 55 57.99	− 1.56	+25 21 5.9	+11.1
48	B. D.+21°1753	9	58 39.96	+ 0.62	+11.46	342 17 55.90	44.910	+ 1.80	− 19.0	7 58 52.04	− 1.54	+21 16 32.6	+12.2
49	B. D.+13°1831	9	59 33.17	+ 0.61	+11.46	334 23 54.70	47.405	+ 1.80	− 28.6	7 59 45.24	− 1.52	+13 23 19.1	+14.1
50	B. D.+25°1853	9	2 9.88	+ 0.62	+11.46	345 59 55.78	47.030	+ 1.80	− 14.8	8 2 21.96	− 1.58	+24 59 25.3	+11.3
51	ψ Cancri	7	4 29.87	+ 0.62	+11.46	346 47 58.62	47.808	+ 1.80	− 14.0	8 4 41.95	− 1.59	+25 47 47.0	+11.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 8 42	30.04	18.0	17.2
27 6 12	30.21	29.0	29.0
6 37	......	....	28.3
7 1	30.22	28.4	27.9
7 23	......	....	27.3
7 50	30.22	27.8	27.4
1 4 55	29.97	43.0	44.1
5 10	......	....	44.0
5 43	29.985	41.5	43.0
6 47	......	....	38.7
7 17	29.98	38.4	37.3
7 42	......	....	36.0
8 4	29.99	36.6	35.5

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at II, VI, VII.
6, 34, 42.	Bisections at I, II.
9, 16, 29, 36, 51.	Bisections at VI, VII.
28.	Bisections at II, IV, VI.
38.	Bisections at III, IV, V.
48.	Bisection at II.
50.	Bisections at II, VII.

Note.

38. Unsteady and diffuse.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 0.1	.. ....	...	+ 0.1
28	+22 58.9	−16 29.8	...	+ 6 29.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Leonis	9	11 10.87	+ 0.62	**+11.44**	344 53 56.50	47.415	+ 1.80	− 16.1	10 11 22.95	.....	+23 53 33.6	....
2	γ Leonis (*pr.*)	9	14 30.59	+ 0.62	**+11.42**	341 19 55.95	47.310	+ 1.80	− 20.2	10 14 42.67	.....	+20 19 26.5	....
3	42 Leonis	9	16 30.33	+ 0.61	+11.46	336 29 54.32	42.210	+ 1.80	− 26.1	10 16 42.40	− 1.72	+15 27 22.5	+14.0
4	31 Leonis Minoris	9	22 9.82	+ 0.63	+11.46	358 11 57.58	47.368	+ 1.80	− 1.8	10 22 21.91	.....	+37 11 47.8	....
5	ρ Leonis	9	27 35.17	+ 0.60	**+11.45**	330 47 54.58	48.980	+ 1.80	− 33.5	10 27 47.23	.....	+ 9 47 50.0	....
6	37 Leonis Minoris	9	33 8.89	+ 0.63	+11.46	353 29 56.20	43.725	+ 1.80	− 6.8	10 33 20.98	.....	+32 28 18.2	....
7	41 Leonis Minoris	9	38 1.56	+ 0.62	**+11.44**	344 41 56.02	46.652	+ 1.80	− 16.4	10 38 13.64	.....	+23 41 15.4	....
8	*l* Leonis	9	44 2.48	+ 0.60	**+11.41**	332 3 53.90	46.698	+ 1.80	− 31.8	10 44 14.54	.....	+11 2 58.9	....
9	Moon I, S.	9	53 0.44	+ 0.60	+11.46	325 41 53.55	46.743	+ 1.80	− 40.9	10 53 12.50	+70.01	+ 4 40 46.9	....
10	Moon II, N.	9	55 20.46	+ 0.60	+11.46	326 15 53.52	46.182	+ 1.80	− 40.0	10 55 32.52	−70.01	+ 5 14 42.7	....
	March 2, R.												
11	τ Orionis	9	12 45.40	+ 0.60	**+11.39**	314 3 53.20	47.682	+ 1.57	−1 1.4	5 12 57.39	.....	− 6 57 9.1	....
12	γ Orionis	.	.. ..	....	.....	327 17 54.02	43.300	+ 1.57	− 38.2	5 19	.....	+ 6 15 34.8	....
13	δ Orionis	9	26 54.91	+ 0.62	**+11.38**	320 40	......	....	. ....	5 27 6.92	.....	− 0 22	....
14	ι Orionis	9	30 33.02	+ 0.60	**+11.41**	315 3 54.48	43.655	+ 1.57	− 59.4	5 30 45.01	.....	− 5 58 37.8	....
15	ζ Orionis	9	35 43.70	+ 0.61	**+11.43**	319 1 54.52	45.405	+ 1.57	− 51.7	5 35 55.70	.....	− 1 59 49.8	....
16	α Orionis	9	49 47.44	+ 0.64	**+11.38**	328 23 53.72	47.388	+ 1.57	− 36.6	5 49 59.47	.....	+ 7 23 9.5	....
17	ν Orionis	9	1 54.48	+ 0.65	**+11.41**	335 47 53.60	45.618	+ 1.57	− 26.8	6 2 6.52	.....	+14 46 38.7	....
18	η Geminorum	9	8 54.16	+ 0.66	**+11.34**	343 33 54.48	43.380	+ 1.57	− 17.6	6 9 6.21	.....	+22 31 57.6	....
19	μ Geminorum	9	16 58.34	+ 0.66	**+11.39**	343 33 55.00	47.798	+ 1.57	− 17.5	6 17 10.39	.....	+22 33 39.2	....
	March 3, M.												
20	Moon II.	9	53 53.15	+ 0.56	+11.36	316 18	......	....	. ....	12 54 5.07	−68.50	.. ..	....
21	π Hydræ	9	0 44.18	+ 0.50	+11.36	294 49 50.48	45.574	+ 0.52	−2 11.1	14 0 56.04	.....	−26 13 10.6	....
22	*d* Boötis	9	5 50.52	+ 0.60	**+11.33**	346 33 54.68	44.968	+ 0.52	− 14.5	14 6 2.48	.....	+25 32 36.1	....
23	α Boötis	9	11 6.26	+ 0.59	**+11.30**	340 41 54.52	45.712	+ 0.52	− 21.3	14 11 18.21	.....	+19 40 46.2	....
24	θ Boötis	9	21 44.76	+ 0.58	+11.36	13 17 57.12	45.831	+ 0.52	+ 14.5	14 21 56.70	.....	+52 17 27.1	....
25	5 Ursæ Minoris	9	27 32.45	+ 0.44	+11.36	37 7 55.88	43.750	+ 0.52	+ 46.4	14 27 44.25	.....	+76 7 10.3	....
26	ε Boötis	9	40 36.72	+ 0.59	**+11.37**	348 29 56.08	44.691	+ 0.52	− 12.4	14 40 48.67	.....	+27 28 33.3	....
27	α Libræ	9	45 23.50	+ 0.54	**+11.31**	305 23 51.42	45.136	+ 0.52	−1 25.8	14 45 35.40	.....	−15 38 34.5	....
28	321 B. Bootis	9	51 30.44	+ 0.59	+11.36	335 51 53.02	43.835	+ 0.52	− 27.4	14 51 42.39	.....	+14 49 55.7	....
29	γ Scorpii	9	58 16.62	+ 0.52	+11.36	296 7 51.82	47.715	+ 0.52	−2 3.9	14 58 28.50	.....	−24 54 13.2	....
30	η Coronæ Borealis	9	19 3.16	+ 0.59	+11.36	351 39 56.38	42.755	+ 0.52	− 8.9	15 19 15.11	.....	+30 37 52.8	....
31	β Coronæ Borealis	9	23 41.06	+ 0.59	**+11.40**	350 25 56.32	48.465	+ 0.52	− 10.2	15 23 53.01	.....	+29 26 2.0	....
32	γ Libræ	9	29 58.40	+ 0.55	**+11.48**	306 33 52.25	46.071	+ 0.52	−1 22.4	15 30 10.31	.....	−14 28 8.9	....
33	ζ Coronæ Borealis (*fol.*)	9	35 34.48	+ 0.58	+11.36	357 57 54.60	44.572	+ 0.52	− 2.1	15 35 46.42	− 0.64	+36 56 39.3	+12.1
34	α Serpentis	9	39 21.30	+ 0.58	**+11.33**	327 43 52.22	48.685	+ 0.52	− 38.6	15 39 33.24	.....	+ 6 43 34.6	....
35	ζ Ursæ Minoris	9	47 16.32	+ 0.32	+11.36	39 5 58.05	43.571	+ 0.52	+ 50.0	15 47 28.00	.....	+78 5 11.7	....
36	ε Coronæ Borealis	9	53 25.44	+ 0.59	**+11.35**	348 9 55.15	46.425	+ 0.52	− 12.8	15 53 37.39	.....	+27 9 11.5	....
37	θ Draconis	9	59 53.69	+ 0.54	+11.36	19 49 56.98	44.500	+ 0.52	+ 22.2	16 0 5.59	.....	+58 49 4.5	....
38	87 B. Draconis	9	5 51.58	+ 0.48	+11.36	29 3 56.90	45.301	+ 0.52	+ 34.2	16 6 3.42	.....	+68 3 34.5	....
39	σ^2 Coronæ Borealis	9	10 53.58	+ 0.58	+11.36	355 7 55.35	42.791	+ 0.52	− 5.2	16 11 5.52	.....	+34 5 56.3	....
40	Venus II, C.	9	56 25.12	+ 0.60	+11.35	303 25 53.62	46.665	+ 0.52	−1 32.5	20 56 37.07	− 0.45	−17 36 4.0	....
41	Mercury C, C.	9	54 32.57	+ 0.61	+11.35	306 7 53.05	47.096	+ 0.52	−1 23.5	21 54 44.53	− 0.02	−14 53 45.7	....
	March 4, M.												
42	Sun I, N.	9	58 44.55	+ 0.62	+11.35	314 53 53.55	45.272	+ 0.63	−1 1.2	22 58 56.52	+65.28	− 6 8 4.5	....
43	Sun II, S.	9	0 55.11	+ 0.62	+11.35	314 21 54.15	44.492	+ 0.63	−1 2.4	23 1 7.08	−65.28	− 6 40 23.0	....
44	δ Orionis	9	26 54.93	+ 0.60	**+11.35**	320 39 54.00	43.596	+ 4.09	− 50.2	5 27 6.86	.....	− 0 22 27.9	....
45	ε Orionis	9	31 9.33	+ 0.60	**+11.38**	319 45 54.70	44.762	+ 4.07	− 51.8	5 31 21.26	.....	− 1 16 2.3	....
46	ζ Orionis	9	35 43.68	+ 0.60	**+11.42**	319 1 54.02	45.405	+ 4.04	− 53.2	5 35 55.61	.....	− 1 59 49.6	....
47	κ Orionis	9	43 1.09	+ 0.59	**+11.35**	311 19 52.22	44.389	+ 4.00	−1 9.6	5 43 13.01	.....	− 9 42 31.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 10 9	30.00	34.6	34.1
10 30	......	....	34.0
10 57	30.00	33.9	34.0
2 5 13	29.88	36.2	35.8
5 36	......	....	35.5
5 54	29.87	35.7	35.0
6 22	29.88	35.3	34.8
3 12 57	29.90	27.5	26.0
13 44	......	....	25.2
14 38	29.95	25.8	25.0
14 56	......	....	24.8
15 19	......	....	24.3
15 58	......	....	23.8
16 11	30.00	24.8	23.5
20 56	30.15	28.0	26.5
21 53	30.19	29.3	28.0
4 23 1	30.20	30.6	28.8
5 25	30.23	29.2	28.6

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at II, VII.
9.	Bisections at I, II, III.
10, 15, 43.	Bisections at VI, VII.
21–24, 26–30, 32–34, 36, 39–41, 44–47.	Bisections at I, II, VI, VII.
25, 37.	Bisections at III, V.
35, 38.	Bisections at II, III, V, VI.
42.	Bisections at I, II.

Notes.

21–39. Conditions poor.
45. Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+34 16.0	+16 43.1	...	+50 59.1
10	+33 45.8	−16 43.1	+ 0.6	+17 3.3
40	+ 5.5	.. ....	− 0.1	+ 5.4
41	+ 5.5	.. ....	− 0.1	+ 5.4
42	+ 6.2	−16 9.2	...	−16 3.0
43	+ 6.3	+16 9.2	...	+16 15.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Orionis	9	49 47.41	+ 0.62	**+11.39**	328 23 54.48	47.306	+ 3.96	− 37.7	5 49 59.36	....	+ 7 23 9.6	....
2	1 Geminorum	9	58 6.15	+ 0.63	**+11.39**	344 17 55.20	43.335	+ 3.91	− 17.2	5 58 18.11	....	+23 16 0.3	....
3	δ Ursæ Minoris s. p.	9	2 51.44	+ 1.64	+11.33	54 23 58.70	42.254	+ 3.88	+1 25.9	18 3 4.41	....	+86 36 37.6	....
4	θ Canis Majoris	9	49 33.00	+ 0.60	**+11.39**	309 6	......	....	.....	6 49 44.93	....	−11 55	....
5	51 H. Cephei	9	55 46.89	− 0.33	+11.33	48 12	......	....	.....	6 55 57.89	....	+87 12	....
	March 4, Ei.-Y.												
6	ι Geminorum	9	19 35.32	+ 0.67	**+11.40**	348 59 56.00	46.282	+ 3.98	− 11.9	7 19 47.37	....	+27 59 13.5	....
7	β Canis Minoris	9	21 46.02	+ 0.65	**+11.42**	329 29 53.90	46.225	+ 3.98	− 36.2	7 21 58.05	....	+ 8 28 45.9	....
8	κ Geminorum	9	38 28.62	+ 0.67	**+11.43**	345 37 56.52	47.328	+ 3.98	− 15.7	7 38 40.67	....	+24 37 34.2	....
9	B. D.+20°1893	9	39 20.68	+ 0.67	+11.38	341 33 55.62	45.145	+ 3.98	− 20.5	7 39 32.73	− 1.45	+20 32 38.8	+11.9
10	B. D.+17°1684	9	44 55.29	+ 0.67	+11.38	338 7 55.10	46.688	+ 3.98	− 24.7	7 45 7.34	− 1.45	+17 7 9.2	+12.9
11	B. D.+21°1714	9	48 23.69	+ 0.67	+11.38	342 21 53.95	46.538	+ 3.98	− 19.6	7 48 35.74	− 1.48	+21 21 9.7	+11.8
12	B. D.+16°1598	9	52 52.41	+ 0.67	+11.38	337 47 53.70	44.955	+ 3.98	− 25.2	7 53 4.46	− 1.47	+16 46 27.6	+13.1
13	B. D.+25°1816	9	55 45.92	+ 0.68	+11.38	346 21 55.10	46.120	+ 3.98	− 14.9	7 55 57.98	− 1.52	+25 21 6.0	+10.9
14	B. D.+13°1831	9	59 33.12	+ 0.67	+11.38	334 23 53.85	47.380	+ 3.98	− 29.5	7 59 45.17	− 1.48	+13 23 19.0	+14.0
15	B. D.+25°1853	9	2 9.83	+ 0.68	+11.38	345 59 55.18	46.990	+ 3.98	− 15.4	8 2 21.89	− 1.54	+24 59 25.4	+11.1
16	ψ Cancri	9	4 29.91	+ 0.68	+11.38	346 49 53.55	42.712	+ 3.98	− 14.4	8 4 41.97	− 1.55	+25 47 47.0	+11.0
17	B. D.+22°1886	9	8 0.69	+ 0.68	+11.38	343 35 55.00	43.342	+ 3.98	− 18.2	8 8 12.75	− 1.54	+22 33 58.8	+11.8
18	B. D.+25°1880	9	8 48.18	+ 0.68	+11.38	346 1 56.75	46.855	+ 3.98	− 15.3	8 9 0.24	− 1.56	+25 1 24.2	+11.2
19	B. D.+24°1909	9	14 39.29	+ 0.68	+11.38	345 19 53.60	46.860	+ 3.98	− 16.1	8 14 51.35	− 1.57	+24 19 20.2	+11.5
20	B. D.+16°1704	9	16 55.77	+ 0.68	+11.38	337 29 52.78	43.682	+ 3.98	− 25.6	8 17 7.83	− 1.54	+16 27 57.2	+13.4
21	B. D.+13°1912	9	21 14.96	+ 0.67	+11.38	333 59 54.60	44.160	+ 3.98	− 30.1	8 21 27.01	− 1.55	+12 58 5.5	+14.3
22	B. D.+22°1941	9	24 9.39	+ 0.68	+11.38	343 21 52.38	45.658	+ 3.98	− 18.4	8 24 21.45	− 1.58	+22 20 49.2	+12.2
23	B. D.+24°1946	9	27 9.27	+ 0.68	+11.38	345 23 53.85	50.035	+ 3.98	− 16.0	8 27 21.33	− 1.60	+24 24 33.1	+11.7
24	B. D.+18°2191	9	31 0.92	+ 0.68	+11.38	339 49 53.28	43.475	+ 3.98	− 22.7	8 31 12.98	− 1.59	+18 47 55.9	+13.1
25	B. D.+20°2144	9	33 28.18	+ 0.68	+11.38	340 57 54.05	42.530	+ 3.98	− 21.3	8 33 40.24	− 1.60	+19 55 36.5	+12.8
26	B. D.+20°2172	9	35 2.18	+ 0.68	+11.38	341 3 52.60	47.268	+ 3.98	− 21.2	8 35 14.24	− 1.60	+20 3 23.4	+12.8
27	B. D.+13°1972	9	37 44.57	+ 0.68	+11.38	334 1 52.70	47.470	+ 3.98	− 30.1	8 37 56.63	− 1.59	+13 1 19.2	+14.4
28	B. D.+22°1988	9	40 43.53	+ 0.68	+11.38	343 43 52.15	43.450	+ 3.98	− 18.0	8 40 55.59	− 1.62	+22 41 58.9	+12.3
29	B. D.+17°1941	9	42 30.38	+ 0.68	+11.38	338 45 52.25	45.672	+ 3.98	− 24.0	8 42 42.44	− 1.61	+17 44 43.8	+13.4
30	B. D.+16°1833	9	45 37.99	+ 0.68	+11.38	337 21 52.42	47.162	+ 3.98	− 25.8	8 45 50.05	− 1.61	+16 21 15.9	+13.7
31	60 Cancri	9	50 30.69	+ 0.68	+11.38	332 59 51.45	47.670	+ 3.98	− 31.5	8 50 42.75	− 1.62	+11 59 21.2	+14.6
32	B. D.+18°2093	9	53 35.15	+ 0.68	+11.38	339 31 52.75	44.555	+ 3.98	− 23.1	8 53 47.21	− 1.63	+18 30 19.7	+13.3
33	B. D.+15°1962	9	56 33.18	+ 0.68	+11.38	335 59 52.38	44.830	+ 3.98	− 27.6	8 56 45.24	− 1.64	+14 58 21.1	+14.0
34	B. D.+18°2114	9	58 46.80	+ 0.69	+11.38	339 39 52.95	47.320	+ 3.98	− 22.9	8 58 58.87	− 1.64	+18 39 23.2	+13.3
35	B. D.+21°1969	9	1 4.41	+ 0.69	+11.38	341 55 52.08	43.025	+ 3.98	− 20.2	9 1 16.48	− 1.66	+20 53 46.9	+12.9
36	B. D.+12°1979	9	4 23.06	+ 0.68	+11.38	332 59 51.60	41.775	+ 3.98	− 31.6	9 4 35.12	− 1.65	+11 57 6.5	+14.6
37	B. D.+15°2003	9	6 52.09	+ 0.69	+11.38	336 23 52.05	45.952	+ 3.98	− 27.0	9 7 4.16	− 1.66	+15 22 47.0	+14.0
38	B. D.+13°2066	9	11 56.40	+ 0.68	+11.38	334 29 52.70	46.038	+ 3.98	− 29.5	9 12 8.46	− 1.66	+13 28 47.1	+14.3
39	B. D.+15°2027	9	15 47.11	+ 0.69	+11.38	336 47 53.08	45.235	+ 3.98	− 26.5	9 15 59.18	− 1.67	+15 46 32.1	+13.9
40	B. D.+18°2182	9	18 58.96	+ 0.69	+11.38	339 35 53.58	41.215	+ 3.98	− 23.1	9 19 11.03	− 1.68	+18 33 4.2	+13.5
41	B. D.+ 8°2226	9	23 12.19	+ 0.68	+11.38	329 37 51.68	44.925	+ 3.98	− 36.3	9 23 24.25	− 1.69	+ 8 36 13.9	+15.0
42	B. D.+20°2332	9	26 9.96	+ 0.70	+11.38	341 27 53.65	42.682	+ 3.98	− 20.8	9 26 22.04	− 1.69	+20 25 40.1	+13.2
43	B. D.+15°2077	9	30 27.86	+ 0.69	+11.38	335 49 51.48	44.738	+ 3.98	− 27.8	9 30 39.93	− 1.69	+14 48 17.9	+14.1
44	B. D.+15°2087	9	32 36.63	+ 0.69	+11.38	335 47 52.35	45.685	+ 3.98	− 27.8	9 32 48.70	− 1.69	+14 46 40.4	+14.1
45	o Leonis	9	35 51.39	+ 0.69	**+11.35**	331 19 52.22	48.210	+ 3.98	− 33.9	9 36 3.46	....	+10 19 31.9	....
46	ε Leonis	9	40 13.91	+ 0.70	**+11.37**	345 13 53.55	45.525	+ 3.98	− 16.3	9 40 25.99	....	+24 12 49.4	....
47	41 Leonis Minoris	9	38 1.57	+ 0.71	**+11.36**	344 42	......	....	.....	10 38 13.66	....	+23 41	....
48	B. D.+14°2294	9	41 9.98	+ 0.70	+11.38	335 44	......	....	.....	10 41 22.06	− 1.73	+14 41	....
49	l Leonis	9	44 2.45	+ 0.70	**+11.36**	332 4	......	....	.....	10 44 14.53	....	+11 2	....
50	B. D.+ 7°2375	9	46 1.49	+ 0.69	+11.38	328 18	......	....	.....	10 46 13.56	− 1.76	+ 7 16	....
51	B. D.+ 1°2495	9	47 7.53	+ 0.68	+11.38	322 34	......	....	.....	10 47 19.59	− 1.80	+ 1 31	....
52	B. D.+ 6°2369	9	50 52.16	+ 0.69	+11.38	327 44	......	....	.....	10 51 4.23	− 1.76	+ 6 41	....
53	B. D.+ 0°2718	9	52 3.42	+ 0.68	+11.38	321 14	......	....	.....	10 52 15.48	− 1.81	+ 0 11	....
54	B. D.+ 8°2445	9	54 22.68	+ 0.69	+11.38	328 46	......	....	.....	10 54 34.75	− 1.76	+ 7 44	....
55	B. D.+ 9°2441	9	57 22.38	+ 0.69	+11.38	330 44	......	....	.....	10 57 34.45	− 1.75	+ 9 41	....
56	B. D.+13°2348	9	59 20.62	+ 0.70	+11.38	334 12	......	....	.....	10 59 32.70	− 1.73	+13 10	....
57	p^4 Leonis	9	1 50.20	+ 0.68	+11.38	323 30	......	....	.....	11 2 2.26	....	+ 2 28	....
58	B. D.+ 5°2451	9	3 38.12	+ 0.69	+11.38	326 34	......	....	.....	11 3 50.19	− 1.77	+ 5 30	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 5 46	......	....	28.0
6 10	30.29	28.2	27.8
7 19	30.305	26.9	26.5
7 43	......	....	26.0
8 6	30.33	25.7	25.4
8 29	......	....	24.8
8 52	30.335	24.8	24.2
9 17	......	....	23.9
9 41	30.34	23.8	23.5

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at I, II, VI, VII.
2, 9, 18. Bisections at VI, VII.
3. Bisections at b_1, b_3, b_5, b_7, b_9.
14, 35, 43. Bisections at II, VII.
17, 30. Bisections at I, II.

Note.
21, 22. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 8°2476	9	8 52.27	+ 0.69	+11.38	329 36	......	....	. ....	11 9 4.34	− 1.75	+ 8 34	....
2	φ Leonis	9	11 36.69	+ 0.67	+11.38	317 54	......	....	. ....	11 11 48.74	− 1.84	− 3 7	....
3	B. D.+ 4°2449	9	14 37.62	+ 0.68	+11.38	325 12	......	....	. ....	11 14 49.68	− 1.77	+ 4 8	....
4	B. D.+ 5°2484	9	15 51.94	+ 0.69	+11.38	326 26	......	....	. ....	11 16 4.01	− 1.76	+ 5 24	....
5	B. D.+ 0°2782	9	18 12.79	+ 0.68	+11.38	321 42	......	....	. ....	11 18 24.85	− 1.80	+ 0 39	....
6	B. D.+ 4°2461	9	20 33.01	+ 0.68	+11.38	324 52	......	....	. ....	11 20 45.07	− 1.77	+ 3 49	....
7	B. D.+10°2291	9	23 51.57	+ 0.70	+11.38	331 36	......	....	. ....	11 24 3.65	− 1.72	+10 33	....
8	B. D.+10°2302	9	27 49.96	+ 0.69	+11.38	330 56	......	....	. ....	11 28 2.03	− 1.72	+ 9 54	....
9	B. D.− 3°3144	9	29 55.06	+ 0.67	+11.38	317 12	......	....	. ....	11 30 7.11	− 1.84	− 3 50	....
10	B. D.+ 7°2468	9	33 25.88	+ 0.69	+11.38	328 4	......	....	. ....	11 33 37.95	− 1.73	+ 7 1	....
11	B. D.+ 0°2826	9	38 14.65	+ 0.68	+11.38	321 44	......	....	. ....	11 38 26.71	− 1.78	+ 0 42	....
12	B. D.− 4°3137	9	41 17.04	+ 0.67	+11.38	316 14	......	....	. ....	11 41 29.09	− 1.84	− 4 49	....
13	B. D.− 1°2576	9	45 21.53	+ 0.67	+11.38	319 8	......	....	. ....	11 45 33.58	− 1.80	− 1 53	....
14	B. D.− 0°2507	9	48 57.01	+ 0.68	+11.38	320 32	......	....	. ....	11 49 9.07	− 1.78	− 0 30	....
15	B. D.+ 6°2529	9	51 42.70	+ 0.69	+11.38	326 54	......	....	. ....	11 51 54.77	− 1.72	+ 5 52	....
16	B. D.+ 2°2499	8	54 18.68	+ 0.68	+11.38	323 24	......	....	. ....	11 54 30.74	− 1.74	+ 2 21	....
17	B. D.+ 6°2543	9	58 40.12	+ 0.69	+11.38	327 8	......	....	. ....	11 58 52.19	− 1.70	+ 6 5	....
18	B. D.+ 1°2656	9	2 55.36	+ 0.68	+11.38	322 12	......	....	. ....	12 3 7.42	− 1.74	+ 1 9	....
19	B. D.− 1°2632	9	6 16.42	+ 0.67	+11.38	318 52	......	....	. ....	12 6 28.47	− 1.73	− 2 9	....
20	B. D.− 0°2554	9	9 54.81	+ 0.67	+11.38	320 14	......	....	. ....	12 10 6.86	− 1.75	− 0 47	....
21	B. D.+ 2°2526	9	12 52.66	+ 0.68	+11.38	323 10	......	....	. ....	12 13 4.72	− 1.71	+ 2 6	....
22	c Virginis	9	15 18.07	+ 0.68	+11.38	324 52	......	....	. ....	12 15 30.13	− 1.69	+ 3 50	....
23	B. D.+ 2°2536	9	19 35.86	+ 0.68	+11.38	322 56	......	....	. ....	12 19 47.92	− 1.70	+ 1 54	....
24	B. D.− 7°3409	9	22 49.57	+ 0.66	+11.38	312 54	......	....	. ....	12 23 1.61	− 1.81	− 8 8	....
25	B. D.− 3°3309	9	25 44.33	+ 0.67	+11.38	317 30	......	....	. ....	12 25 56.38	− 1.75	− 3 31	....
26	B. D.− 0°2590	9	29 17.64	+ 0.67	+11.38	320 10	......	....	. ....	12 29 29.69	− 1.71	− 0 52	....
27	B. D.+ 2°2560	9	33 18.23	+ 0.68	+11.38	323 24	......	....	. ....	12 33 30.29	− 1.67	+ 2 22	....
28	γ Virginis (*fol.*)	9	36 37.49	+ 0.67	+11.38	320 6	......	....	. ....	12 36 49.54	.....	− 0 55	....
29	B. D.+ 3°2695	9	41 10.81	+ 0.68	+11.38	324 0	......	....	. ....	12 41 22.87	− 1.64	+ 2 59	....
30	B. D.+ 0°2983	9	43 1.48	+ 0.68	+11.38	321 12	......	....	. ....	12 43 13.54	− 1.67	+ 0 9	....
31	B. D.− 5°3588	9	47 4.55	+ 0.67	+11.38	315 28	......	....	. ....	12 47 16.60	− 1.72	− 5 34	....
32	B. D.+ 0°3002	9	50 33.33	+ 0.68	+11.38	321 36	......	....	. ....	12 50 45.39	− 1.64	+ 0 34	....
33	B. D.− 5°3605	9	53 51.72	+ 0.67	+11.38	315 28	......	....	. ....	12 54 3.77	− 1.70	− 5 34	....
34	ε Virginis	9	57 13.43	+ 0.70	**+11.31**	332 30	......	....	. ....	12 57 25.51	.....	+11 28	....
35	θ Virginis	8	4 48.42	+ 0.67	**+11.29**	316 0	......	....	. ....	13 5 0.47	.....	− 5 1	....
	March 4, R.												
36	Moon II, S.	9	51 25.49	+ 0.69	+11.82	311 35 51.10	43.803	+ 2.75	−1 10.4	13 51 37.50	−67.99	− 9 26 49.3	....
37	σ Bootis	9	30 19.11	+ 0.72	+11.32	351 11 55.48	41.852	+ 2.75	− 9.7	14 30 31.15	− 1.04	+30 9 32.8	+12.0
38	μ Virginis	8	37 49.34	+ 0.68	**+11.32**	315 47 52.10	44.085	+ 2.75	−1 0.9	14 38 1.34	.....	− 5 14 30.7	....
39	8 Libræ	9	45 11.97	+ 0.65	**+11.31**	305 25 51.90	46.912	+ 2.75	−1 28.0	14 45 23.94	.....	−15 35 53.4	....
40	ξ² Libræ	9	51 22.84	+ 0.67	**+11.25**	309 59 51.38	47.718	+ 2.75	−1 14.6	14 51 34.83	.....	−11 1 22.1	....
41	γ Scorpii	9	58 16.52	+ 0.62	+11.32	296 7 50.60	47.780	+ 2.75	−2 7.2	14 58 28.46	.....	−24 54 14.0	....
42	β Libræ	9	11 39.61	+ 0.68	**+11.30**	311 59 52.02	46.455	+ 2.75	−1 9.6	15 11 51.61	.....	− 9 1 45.3	....
43	η Coronæ Borealis	9	19 3.12	+ 0.73	+11.32	351 39 55.40	42.755	+ 2.75	− 9.2	15 19 15.17	.....	+30 37 53.8	....
44	β Coronæ Borealis	9	23 40.98	+ 0.72	**+11.38**	350 25 53.95	48.462	+ 2.75	− 10.5	15 23 53.02	.....	+29 26 1.5	....
45	γ Libræ	9	29 58.44	+ 0.66	**+11.36**	306 33 51.90	46.072	+ 2.75	−1 24.5	15 30 10.42	.....	−14 28 9.1	....
46	ζ Coronæ Borealis (*fol.*)	9	35 34.44	+ 0.73	+11.32	357 57 54.88	44.452	+ 2.75	− 2.2	15 35 46.49	− 0.67	+36 56 39.0	+12.0
47	γ Serpentis	9	51 49.89	+ 0.72	**+11.27**	336 59 53.10	44.852	+ 2.75	− 26.6	15 52 1.93	.....	+15 58 22.1	....
48	β¹ Scorpii	9	59 40.30	+ 0.65	**+11.28**	301 29 50.38	45.968	+ 2.75	−1 42.2	15 59 52.27	.....	−19 32 30.7	....
49	87 B. Draconis	8	5 51.55	+ 0.71	+11.32	29 3 55.60	45.238	+ 2.75	+ 35.1	16 6 3.58	.....	+68 3 34.8	....
50	γ Herculis	9	17 29.71	+ 0.73	**+11.26**	340 23 53.62	45.235	+ 2.75	− 22.4	16 17 41.76	.....	+19 22 35.5	....
51	α Scorpii	9	23 20.21	+ 0.63	+11.32	294 49 50.60	45.990	+ 2.75	−2 15.1	16 23 32.16	.....	−26 13 2.8	....
52	ζ Ophiuchi	9	31 41.13	+ 0.68	**+11.26**	310 39 48.92	45.168	+ 2.75	−1 13.1	16 31 53.13	.....	−10 22 21.3	....
53	ζ Herculis	9	37 28.47	+ 0.74	+11.32	352 47 55.80	44.115	+ 2.75	− 7.9	16 37 40.53	.....	+31 46 26.6	....
54	Venus II, C.	8	1 23.94	+ 0.68	+11.34	303 43 50.30	46.106	+ 2.63	−1 32.8	21 1 35.96	− 0.44	−17 18 18.3	....
55	Mercury C, C.	9	0 49.14	+ 0.68	+11.34	306 39 50.55	43.408	+ 2.63	−1 22.9	22 1 1.16	− 0.02	−14 23 9.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
4 13 51	30.41	20.9	21.0	36. Bisections at II, III, IV.	36	+44 5.8	+16 10.3	...	+60 16.1
14 30	.....	....	20.1	49. Bisections at VI, VII.	54	+ 5.4	......	− 0.1	+ 5.3
14 51	30.43	20.5	19.7	54, 55. Bisections at I, II, VI, VII.	55	+ 5.5	......	− 0.2	+ 5.3
15 29	.....	....	19.3						
15 55	30.44	20.0	19.2						
16 28	.....	....	19.1						
16 45	30.45	19.7	19.1						
21 1	30.55	29.0	25.7						
22 1	30.54	30.7	28.4						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	March 5, R.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	8	2 27.81	+ 0.70	+11.34	314 43 53.42	47.460	+ 1.95	−1 1.9	23 2 39.85	+65.13	− 6 17 14.0	....
2	Sun II, N.	9	4 38.07	+ 0.70	+11.34	315 15 53.72	48.005	+ 1.95	−1 0.7	23 4 50.11	−65.13	− 5 45 0.2	....
3	ι Orionis.	9	30 33.01	+ 0.63	**+11.33**	315 3 53.98	43.580	+ 5.08	−1 1.0	5 30 45.00	.....	− 5 58 38.1	....
4	α Columbæ.	9	35 59.06	+ 0.53	+11.36	286 55 52.52	46.325	+ 5.08	−3 18.2	5 36 10.95	.....	−34 7 54.0	....
5	κ Orionis.	9	43 1.04	+ 0.62	**+11.35**	311 19 51.35	44.332	+ 5.08	−1 9.5	5 43 13.02	.....	− 9 42 32.0	....
6	α Orionis.	9	49 47.39	+ 0.65	**+11.36**	328 23 52.58	47.310	+ 5.08	− 37.6	5 49 59.40	.....	+ 7 23 9.1	....
7	μ Orionis.	9	56 55.03	+ 0.66	+11.36	330 39 52.85	45.812	+ 5.08	− 34.4	5 57 7.05	− 0.94	+ 9 38 38.3	+13.4
8	ν Orionis.	9	1 54.43	+ 0.66	**+11.39**	335 47 53.48	45.488	+ 5.08	− 27.5	6 2 6.45	.....	+14 46 38.4	....
9	η Geminorum.	6	8 54.05	+ 0.67	**+11.39**	343 33 53.12	43.288	+ 5.08	− 18.1	6 9 6.08	.....	+22 31 57.4	....
10	7 Monocerotis.	9	14 54.36	+ 0.62	+11.36	313 15 53.52	42.178	+ 5.08	−1 5.2	6 15 6.34	.....	− 7 47 14.8	....
	March 7, Br.												
11	Venus II, C.	9	16 15.03	+ 0.44	+11.25	304 40 4.60	45.485	+ 7.35	−1 23.1	21 16 26.72	− 0.44	−16 22 3.8	....
	March 8, Br.												
12	Sun I, S.	9	13 34.66	+ 0.49	+11.25	315 54 4.22	46.115	+ 7.36	− 55.4	23 13 46.40	+65.00	− 5 7 22.0	....
13	Sun II, N.	9	15 44.65	+ 0.49	+11.25	316 26 5.25	46.750	+ 7.36	− 54.4	23 15 56.39	−64.99	− 4 35 5.6	....
14	ι Orionis.	9	30 33.22	+ 0.45	**+11.24**	315 3 52.40	43.510	+ 4.86	− 57.2	5 30 44.92	.....	− 5 58 37.7	....
15	κ Orionis.	9	43 1.25	+ 0.44	**+11.26**	311 19 48.30	44.282	+ 4.86	−1 5.2	5 43 12.94	.....	− 9 42 32.2	....
16	α Orionis.	9	49 47.62	+ 0.48	**+11.25**	328 23 50.50	47.322	+ 4.86	− 35.3	5 49 59.35	.....	+ 7 23 9.4	....
17	δ Ursæ Minoris s. p.	4	2 55.00	+ 0.77	+11.25	54 23 53.00	42.695	+ 4.86	+1 20.4	18 3 7.02	.....	+86 36 37.6	....
18	10 Monocerotis.	9	23 2.43	+ 0.45	**+11.29**	316 19 51.18	43.978	+ 4.86	− 54.8	6 23 14.13	.....	− 4 42 25.9	....
19	γ Geminorum.	9	31 59.34	+ 0.49	**+11.29**	337 29 50.62	45.665	+ 4.86	− 23.8	6 32 11.08	.....	+16 28 42.9	....
20	51 H. Cephei.	9	55 45.67	+ 0.35	+11.25	48 11 54.25	45.512	+ 4.86	+1 4.7	6 55 57.27	.....	+87 12 11.2	....
	March 8, R.												
21	o^2 Libræ.	9	17 29.99	+ 0.46	+11.33	306 15 50.35	42.405	+ 4.58	−1 20.4	15 17 41.78	.....	−14 47 28.5	....
22	32 Libræ.	9	22 40.02	+ 0.45	**+11.32**	304 37 51.62	49.405	+ 4.58	−1 25.2	15 22 51.80	.....	−16 22 52.0	....
23	γ Libræ.	9	29 58.77	+ 0.46	**+11.34**	306 33 51.55	45.775	+ 4.58	−1 19.4	15 30 10.56	.....	−14 28 9.3	....
24	ζ Coronæ Borealis (*fol.*).	9	35 34.73	+ 0.55	+11.33	357 57 54.88	44.408	+ 4.58	− 2.0	15 35 46.61	− 0.79	+36 56 40.1	+11.8
25	μ Serpentis.	9	44 25.90	+ 0.49	**+11.24**	317 53 53.12	44.412	+ 4.58	− 53.2	15 44 37.72	.....	− 3 8 12.7	....
26	ρ Scorpii.	9	50 46.98	+ 0.40	+11.33	292 7 51.52	43.925	+ 4.58	−2 24.0	15 50 58.71	− 1.35	−28 55 56.1	− 7.1
27	*r* Herculis.	9	56 44.48	+ 0.53	+11.33	339 5 53.78	45.952	+ 4.58	− 22.5	15 56 56.34	− 0.82	+18 4 53.8	+ 7.5
28	κ Herculis.	9	3 33.53	+ 0.53	+11.33	338 19 53.52	43.725	+ 4.58	− 23.4	16 3 45.39	.....	+17 18 1.8	....
29	σ^2 Coronæ Borealis.	9	10 53.78	+ 0.54	+11.33	355 7 54.35	42.650	+ 4.58	− 5.0	16 11 5.65	.....	+34 5 56.4	....
30	γ Herculis.	9	17 29.96	+ 0.53	**+11.33**	340 23 53.38	45.088	+ 4.58	− 21.0	16 17 41.82	.....	+19 22 35.4	....
31	α Scorpii.	9	23 20.59	+ 0.41	+11.33	294 49 49.92	45.578	+ 4.58	−2 6.7	16 23 32.33	.....	−26 13 2.6	....
32	τ Scorpii.	9	29 43.72	+ 0.41	+11.33	293 1 50.32	46.395	+ 4.58	−2 17.8	16 29 55.46	.....	−28 0 54.7	....
33	35 B. Camelopardalis s. p.	9	35 43.92	+ 0.68	+11.33	65 13 57.45	41.742	+ 4.58	+2 7.7	4 35 55.93	.....	+75 46 7.8	....
34	18 Ophiuchi.	9	43 43.02	+ 0.42	+11.33	296 35 50.88	42.078	+ 4.58	−1 57.2	16 43 54.77	− 0.92	−24 28 12.4	− 7.6
35	49 Herculis.	9	47 31.40	+ 0.52	+11.33	336 9 53.05	43.858	+ 4.58	− 26.0	16 47 43.25	.....	+15 8 1.7	....
36	κ Ophiuchi.	9	52 56.22	+ 0.51	**+11.31**	330 31 52.92	47.758	+ 4.58	− 33.2	16 53 8.06	.....	+ 9 31 23.5	....
37	Moon II, S.	9	33 55.70	+ 0.45	+11.31	301 59 50.80	43.413	+ 4.58	−1 33.9	17 34 7.46	−66.16	−19 3 18.5	....
	March 9, R.												
38	Sun I, N.	9	17 15.97	+ 0.51	+11.30	316 50 0.10	45.505	+ 5.23	− 54.3	23 17 27.78	+64.90	− 4 11 41.1	....
39	Sun II, S.	8	19 25.78	+ 0.51	+11.30	316 18 0.30	44.872	+ 5.23	− 55.4	23 19 37.59	−64.91	− 4 43 56.6	....
40	α Orionis.	9	49 47.52	+ 0.50	**+11.31**	328 23 51.65	47.280	+ 4.34	− 35.6	5 49 59.30	.....	+ 7 23 8.7	....
41	μ Orionis.	9	56 55.21	+ 0.50	+11.28	330 39 52.62	45.775	+ 4.34	− 32.6	5 57 6.99	− 0.87	+ 9 38 38.3	+13.6
42	ν Orionis.	9	1 54.58	+ 0.52	**+11.31**	335 47 53.00	45.482	+ 4.34	− 26.1	6 2 6.38	.....	+14 46 38.2	....
43	41 Draconis s. p.	9	7 5.47	+ 0.50	+11.28	60 59 56.90	44.872	+ 4.34	+1 44.8	18 7 17.25	+ 2.49	+79 59 19.7	+10.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 23 5	30.525	32.5	31.1
5 29	30.43	32.0	31.7
5 53	......	....	30.9
6 7	30.43	30.8	30.3
6 25	30.44	30.7	30.1
7 21 16	29.55	47.0	45.5
8 23 15	29.56	49.8	49.0
5 31	29.56	48.1	48.0
5 50	......	....	47.4
6 23	29.57	47.1	47.1
7 2	29.585	46.5	46.0
15 14	29.62	35.4	35.0
15 40	......	....	36.2
16 7	29.63	35.4	36.0
16 29	......	....	36.0
16 58	29.64	36.2	37.3
17 34	29.665	36.7	38.0
9 23 19	29.73	46.0	45.8
5 47	29.74	46.4	46.1
6 12	......	....	45.3

Micrometer bisections are made at II, VI, except as noted below.

1, 12, 34, 38, 42.	Bisections at I, II.
2, 9, 13, 30, 39.	Bisections at VI, VII.
11.	Bisections at I, II, VI, VII.
17.	Bisections at b_2, b_0.
19.	Bisections at I, II, VI.
20.	Bisections at III, IV, V.
37.	Bisections at II, III, IV, V, VI.

Notes.

14–20. Clouds.

21–23. Images unsteady and diffuse; woolly.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.3	+16 6.9	...	+16 13.2
2	+ 6.2	−16 6.8	...	−16 0.6
11	+ 5.3	.. ....	−0.1	+ 5.2
12	+ 6.1	+16 8.2	...	+16 14.3
13	+ 6.1	−16 8.2	...	−16 2.1
37	+46 55.6	+15 9.6	...	+62 5.2
38	+ 6.0	−16 7.7	...	−16 1.7
39	+ 6.1	+16 7.7	...	+16 13.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	7 Monocerotis	9	14 54.49	+ 0.45	+11.28	313 15 53.80	42.055	+ 4.34	−1 1.7	6 15 6.22	....	− 7 47 14.6	....
2	φ Draconis s. P	9	21 55.02	+ 0.55	+11.28	69 41 56.50	43.458	+ 4.34	+2 36.7	18 22 6.85	+ 1.17	+71 17 0.5	+10.4
3	13 Monocerotis	9	27 32.04	+ 0.50	+11.28	328 25 52.22	44.220	+ 4.34	− 35.7	6 27 43.82	− 1.01	+ 7 23 59.3	+14.9
4	51 Aurigæ	9	31 49.89	+ 0.56	+11.28	0 29 54.68	43.900	+ 4.34	+ 0.6	6 32 1.73	....	+39 28 30.6	....
5	S Monocerotis	8	35 30.76	+ 0.50	**+11.30**	330 59 52.70	46.315	+ 4.34	− 32.2	6 35 42.54	....	+ 9 58 51.4	....
6	ξ Geminorum	9	39 43.44	+ 0.51	**+11.27**	333 59 53.68	48.488	+ 4.34	− 28.4	6 39 55.23	....	+12 59 45.5	....
	March 9, Ei.-Y.												
7	β Geminorum	9	39 16.19	+ 0.56	**+11.29**	349 15 54.85	46.680	+ 4.02	− 11.1	7 39 28.08	....	+28 15 22.5	....
8	φ Geminorum	9	47 27.01	+ 0.56	**+11.31**	348 1 54.48	45.108	+ 4.02	− 12.4	7 47 38.90	....	+27 0 44.7	....
9	B. D.+18°1778	9	49 6.43	+ 0.54	+11.33	339 21 52.75	46.055	+ 4.02	− 22.1	7 49 18.30	− 1.40	+18 20 55.0	+12.6
10	B. D.+21°1730	9	53 5.31	+ 0.55	+11.33	342 25 52.75	45.128	+ 4.02	− 18.6	7 53 17.19	− 1.43	+21 24 37.3	+11.8
11	B. D.+16°1612	9	55 51.66	+ 0.54	+11.33	337 43 53.15	46.410	+ 4.02	− 24.0	7 56 3.53	− 1.42	+16 43 1.6	+13.2
12	B. D.+18°1839	9	59 41.16	+ 0.54	+11.33	338 53 53.10	47.542	+ 4.02	− 22.6	7 59 53.03	− 1.43	+17 53 28.8	+12.9
13	B. D.+25°1854	9	2 22.18	+ 0.55	+11.33	346 49 53.18	47.830	+ 4.02	− 13.7	8 2 34.06	− 1.48	+25 49 44.3	+10.7
14	B. D.+15°1775	9	5 24.99	+ 0.53	+11.33	335 55 52.35	45.518	+ 4.02	− 26.2	8 5 36.85	− 1.44	+14 54 38.2	+13.7
15	B. D.+13°1868	9	8 50.55	+ 0.53	+11.33	334 21 52.62	44.305	+ 4.02	− 28.2	8 9 2.41	− 1.45	+13 20 8.8	+14.2
16	B. D.+25°1903	9	14 45.37	+ 0.55	+11.33	346 39 53.92	43.728	+ 4.02	− 13.9	8 14 57.25	− 1.52	+25 38 11.2	+11.0
17	d¹ Cancri	8	17 41.74	+ 0.54	+11.33	339 39 51.82	44.340	+ 4.02	− 21.8	8 17 53.61	....	+18 38 15.2	....
18	B. D.+19°2012	9	21 23.13	+ 0.54	+11.33	340 35 53.48	43.512	+ 4.02	− 20.7	8 21 35.00	− 1.51	+19 33 58.7	+12.7
19	B. D.+16°1729	9	22 17.13	+ 0.54	+11.33	337 21 52.62	45.922	+ 4.02	− 24.5	8 22 29.00	− 1.50	+16 20 49.7	+13.5
20	B. D.+24°1940	9	25 39.79	+ 0.55	+11.33	345 25 54.18	43.702	+ 4.02	− 15.3	8 25 51.67	− 1.54	+24 24 9.4	+11.5
21	B. D.+15°1845	9	28 14.38	+ 0.53	+11.33	336 1 52.95	43.512	+ 4.02	− 26.2	8 28 26.24	− 1.52	+14 59 53.0	+13.9
22	B. D.+19°2053	9	32 6.41	+ 0.54	+11.33	340 37 53.15	43.455	+ 4.02	− 20.7	8 32 18.28	− 1.54	+19 35 57.4	+12.8
23	B. D.+20°2158	9	34 24.88	+ 0.54	+11.33	341 21 52.92	45.250	+ 4.02	− 19.8	8 34 36.75	− 1.55	+20 20 39.0	+12.6
24	B. D.+20°2185	9	36 9.07	+ 0.54	+11.33	341 13 53.38	45.680	+ 4.02	− 20.0	8 36 20.94	− 1.68	+20 12 49.1	+12.7
25	δ Cancri	9	39 3.62	+ 0.54	**+11.29**	339 31 53.80	44.300	+ 4.02	− 22.0	8 39 15.49	....	+18 30 15.7	....
26	B. D.+16°1815	9	40 46.57	+ 0.53	+11.33	337 23 52.62	46.428	+ 4.02	− 24.5	8 40 58.43	− 1.56	+16 23 1.0	+13.6
27	B. D.+17°1941	9	42 30.56	+ 0.53	+11.33	338 45 53.58	45.570	+ 4.02	− 22.9	8 42 42.42	− 1.56	+17 44 43.9	+13.3
28	B. D.+21°1926	9	45 40.44	+ 0.54	+11.33	342 27 53.10	44.010	+ 4.02	− 18.6	8 45 52.31	− 1.58	+21 26 12.1	+12.5
29	B. D.+15°1945	9	51 43.53	+ 0.53	+11.33	336 41 52.42	47.152	+ 4.02	− 25.3	8 51 55.39	− 1.58	+15 41 16.5	+13.8
30	B. D.+13°2021	9	54 0.04	+ 0.52	+11.33	334 27 53.48	45.540	+ 4.02	− 28.1	8 54 11.89	− 1.59	+13 26 37.9	+14.3
31	B. D.+12°1960	9	59 4.77	+ 0.52	+11.33	333 37 52.68	43.388	+ 4.02	− 29.2	8 59 16.62	− 1.60	+12 35 46.9	+14.5
32	B. D.+23°2048 (*mean*).	9	1 44.69	+ 0.54	+11.33	344 23 53.05	42.730	+ 4.02	− 16.4	9 1 56.56	− 1.62	+23 21 45.0	+12.2
33	B. D.+22°2063	9	4 39.80	+ 0.54	+11.33	343 23 52.20	46.142	+ 4.02	− 17.6	9 4 51.67	− 1.63	+22 23 0.6	+12.5
34	B. D.+13°2051	9	6 0.28	+ 0.52	+11.33	334 17 53.10	45.960	+ 4.02	− 28.4	9 6 12.13	− 1.62	+13 16 46.9	+14.4
35	B. D.+21°1991	9	7 58.18	+ 0.54	+11.33	342 41 52.82	44.932	+ 4.02	− 18.3	9 8 10.05	− 1.63	+21 40 33.2	+12.6
36	B. D.+23°2072	9	12 4.29	+ 0.54	+11.33	344 29 52.20	45.185	+ 4.02	− 16.3	9 12 16.16	− 1.64	+23 28 40.3	+12.3
37	B. D.+13°2074	9	15 53.92	+ 0.52	+11.33	334 31 52.70	46.680	+ 4.02	− 28.1	9 16 5.77	− 1.64	+13 31 3.2	+14.3
38	B. D.+20°2318	9	19 11.06	+ 0.54	+11.33	341 13 53.58	43.385	+ 4.02	− 20.0	9 19 22.93	− 1.65	+20 11 56.9	+13.0
39	B. D.+19°2218	9	23 27.10	+ 0.53	+11.33	340 43 53.38	44.055	+ 4.02	− 20.6	9 23 38.96	− 1.66	+19 42 11.4	+13.2
40	B. D.+16°1984	9	26 11.44	+ 0.53	+11.33	337 13 52.45	42.145	+ 4.02	− 24.8	9 26 23.30	− 1.66	+16 11 22.6	+13.8
41	B. D.+20°2340	9	30 28.62	+ 0.54	+11.33	341 29 53.05	44.200	+ 4.02	− 19.7	9 30 40.49	− 1.67	+20 28 15.3	+13.0
42	B. D.+20°2351	9	33 21.38	+ 0.54	+11.33	341 45 53.80	42.602	+ 4.02	− 19.5	9 33 33.25	− 1.68	+20 43 39.7	+13.0
43	B. D.+ 9°2226	9	35 57.61	+ 0.51	+11.33	330 27 52.48	43.480	+ 4.02	− 33.5	9 36 9.45	− 1.68	+ 9 25 44.2	+14.9
44	B. D.+17°2120	9	36 50.82	+ 0.53	+11.33	338 31 53.48	46.205	+ 4.02	− 23.2	9 37 2.68	− 1.68	+17 30 58.0	+13.6
45	B. D.+ 9°2239	9	42 0.86	+ 0.51	+11.33	330 3 52.98	40.765	+ 4.02	− 34.0	9 42 12.70	− 1.70	+ 9 0 42.5	+14.9
46	B. D.+19°2270	9	45 23.16	+ 0.53	+11.33	340 47 53.78	43.908	+ 4.02	− 20.6	9 45 35.02	− 1.69	+19 46 8.4	+13.2
47	B. D.+ 8°2285	9	48 51.64	+ 0.51	+11.33	329 33 52.52	42.775	+ 4.02	− 34.7	9 49 3.48	− 1.71	+ 8 31 27.2	+14.9
48	B. D.+14°2170	9	52 31.51	+ 0.52	+11.33	335 3 53.70	48.145	+ 4.02	− 27.4	9 52 43.36	− 1.70	+14 3 38.4	+14.1
49	B. D.+18°2303	9	55 16.23	+ 0.53	+11.33	339 1 53.35	47.360	+ 4.02	− 22.6	9 55 28.09	− 1.70	+18 1 24.6	+13.5
50	B. D.+ 5°2280	9	59 36.80	+ 0.50	+11.33	326 29 51.98	44.285	+ 4.02	− 39.1	9 59 48.63	− 1.74	+ 5 27 56.8	+15.1
51	η Leonis	9	1 55.89	+ 0.53	**+11.27**	338 13 52.90	48.065	+ 4.02	− 23.6	10 2 7.75	....	+17 13 39.5	....
52	α Leonis	9	3 5.58	+ 0.52	**+11.30**	333 27 53.82	43.882	+ 4.02	− 29.5	10 3 17.43	....	+12 25 59.0	....
53	d Leonis	8	55 26.20	+ 0.51	**+11.30**	325 9 52.20	43.885	+ 3.78	− 41.2	10 55 38.04	....	+ 4 7 45.5	....
54	χ Leonis	9	59 53.83	+ 0.52	**+11.39**	328 51 52.58	47.138	+ 3.78	− 35.7	11 0 5.68	....	+ 7 51 5.8	....
55	B. D.+ 0°2750	9	3 30.73	+ 0.50	+11.33	320 57 51.52	47.995	+ 3.78	− 48.0	11 3 42.56	− 1.83	− 0 2 48.0	+13.8
56	B. D.+ 3°2475	9	8 47.36	+ 0.51	+11.33	323 49 52.20	42.820	+ 3.78	− 43.3	11 8 59.20	− 1.81	+ 2 47 19.1	+13.6
57	B. D.+13°2379	9	10 46.91	+ 0.53	+11.33	334 23 52.72	43.908	+ 3.78	− 28.4	11 10 58.77	− 1.74	+13 21 59.3	+13.3
58	B. D.+ 0°2769	9	14 27.48	+ 0.50	+11.33	321 21 52.48	45.410	+ 3.78	− 47.4	11 14 39.31	− 1.83	+ 0 20 14.5	+13.5
59	B. D.+ 7°2443	9	18 7.50	+ 0.52	+11.33	328 7 52.80	45.820	+ 3.78	− 36.9	11 18 19.35	− 1.78	+ 7 6 34.4	+13.3
60	B. D.+ 6°2448	9	20 4.10	+ 0.52	+11.33	327 17 52.70	43.945	+ 3.78	− 38.1	11 20 15.95	− 1.78	+ 6 15 50.5	+13.3

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
9 6 40	29.755	44.0	44.0	2, 5, 7, 19. Bisections at VI, VII. 18, 25, 33, 43, 49. Bisections at I, II. 29, 34, 36, 46, 54. Bisections at II, VII. 59. Bisection at II.					
7 38	29.78	42.0	41.2						
8 1	......	....	40.2						
8 27	29.755	39.5	39.4						
8 47	......	....	39.0						
9 13	29.80	38.4	38.4						
9 39	......	....	38.2	Notes.					
10 5	29.82	37.4	38.1	19–60. Unsteady.					
10 54	29.83	37.0	37.7	23. Poor observation.					
11 17	......	....	36.3	59. Image poor.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	τ Leonis	9	22 50.04	+ 0.51	**+11.31**	324 23 51.90	46.965	+ 3.78	− 42.4	11 23 1.88	....	+ 3 22 54.1	....
2	B. D.+ 0°2793	9	24 14.88	+ 0.50	+11.33	321 13 51.52	42.120	+ 3.78	− 47.6	11 24 26.71	− 1.83	+ 0 10 58.4	+13.1
3	B. D.− 0°2447	9	26 55.64	+ 0.50	+11.33	319 45 51.20	46.625	+ 3.78	− 50.1	11 27 7.47	− 1.84	− 1 15 21.8	+13.0
4	B. D.+ 3°2521	9	29 17.17	+ 0.51	+11.33	324 37 53.68	42.948	+ 3.78	− 42.1	11 29 29.01	− 1.80	+ 3 35 24.7	+13.0
5	B. D.+ 6°2470	9	31 28.08	+ 0.52	+11.33	327 39 51.28	44.992	+ 3.78	− 37.5	11 31 39.93	− 1.77	+ 6 38 13.6	+13.0
6	B. D.+ 8°2532	9	33 20.58	+ 0.52	+11.33	329 41 53.02	43.560	+ 3.78	− 34.6	11 33 32.43	− 1.76	+ 8 39 45.5	+13.0
7	B. D.+ 3°2539	9	37 20.32	+ 0.51	+11.33	323 55 52.40	43.380	+ 3.78	− 43.2	11 37 32.16	− 1.80	+ 2 53 31.9	+12.8
8	B. D.− 2°3410	9	41 15.44	+ 0.50	+11.33	318 33 53.05	44.112	+ 3.78	− 52.3	11 41 27.27	− 1.85	− 2 28 19.5	+12.4
9	B. D.− 6°3455	9	44 6.85	+ 0.49	+11.33	314 11 51.15	45.965	+ 3.78	−1 0.9	11 44 18.67	− 1.90	− 6 49 47.6	+12.0
10	B. D.− 2°3433	9	48 47.54	+ 0.50	+11.33	317 47 53.15	43.270	+ 3.78	− 53.7	11 48 59.37	− 1.86	− 3 14 40.0	+12.0
11	B. D.+ 6°2525	9	50 23.15	+ 0.52	+11.33	327 23 52.45	41.872	+ 3.78	− 37.9	11 50 35.00	− 1.76	+ 6 21 3.1	+12.5
12	B. D.− 2°3446	9	54 9.53	+ 0.50	+11.33	318 13 52.90	46.498	+ 3.78	− 52.9	11 54 21.36	− 1.84	− 2 47 25.7	+11.8
13	B. D.− 6°3499	9	57 46.88	+ 0.49	+11.33	313 51 51.95	47.675	+ 3.78	−1 1.6	11 57 58.70	− 1.89	− 7 9 8.7	+11.4
14	B. D.− 6°3518	9	5 21.73	+ 0.49	+11.33	313 47 52.00	43.888	+ 3.78	−1 1.8	12 5 33.55	− 1.89	− 7 14 35.2	+11.0
15	B. D.− 4°3235	9	9 10.36	+ 0.49	+11.33	315 49 51.92	47.030	+ 3.78	− 57.5	12 9 22.18	− 1.86	− 5 11 19.2	+11.0
16	B. D.+ 1°2676	9	11 53.54	+ 0.51	+11.33	321 53 52.25	47.305	+ 3.78	− 46.4	12 12 5.38	− 1.78	+ 0 52 58.5	+11.4
17	B. D.− 5°3476	9	15 18.03	+ 0.49	+11.33	314 59 51.78	46.358	+ 3.78	− 59.2	12 15 29.85	− 1.86	− 6 1 36.3	+10.6
18	B. D.+ 1°2689	9	18 25.34	+ 0.51	+11.33	322 15 53.70	46.760	+ 3.78	− 45.9	12 18 37.18	− 1.77	+ 1 14 48.0	+11.2
19	33 H^1. Virginis	9	22 46.02	+ 0.49	+11.33	316 55 51.78	47.260	+ 3.78	− 55.4	12 22 57.84	− 1.82	− 4 5 11.9	+10.5
20	B. D.+ 4°2622	9	25 30.59	+ 0.51	+11.33	325 3 52.52	44.965	+ 3.78	− 41.4	12 25 42.43	− 1.73	+ 4 2 10.3	+11.2
21	B. D.− 2°3533	9	29 7.04	+ 0.50	+11.33	317 49 52.25	46.205	+ 3.78	− 53.7	12 29 18.87	− 1.80	− 3 11 33.9	+10.3
22	B. D.−10°3512	9	33 11.22	+ 0.48	+11.33	310 1 50.80	47.175	+ 3.78	−1 10.6	12 33 23.03	− 1.90	−10 59 30.1	+ 9.1
23	B. D.− 9°3534	9	36 1.07	+ 0.48	+11.33	311 43 49.58	46.010	+ 3.78	−1 6.5	12 36 12.88	− 1.87	− 9 17 53.8	+ 9.2
24	B. D.+ 1°2750	9	40 29.28	+ 0.51	+11.33	322 31 52.80	46.180	+ 3.78	− 45.5	12 40 41.12	− 1.73	+ 1 30 34.3	+10.4
25	35 Virginis	9	42 47.97	+ 0.51	**+11.35**	325 7 52.25	43.615	+ 3.78	− 41.4	12 42 59.81	....	+ 4 5 39.2	....
26	B. D.+ 3°2703	9	46 33.52	+ 0.51	+11.33	324 35 52.95	45.995	+ 3.78	− 42.2	12 46 45.36	− 1.69	+ 3 34 33.5	+10.4
27	ψ Virginis	9	49 11.58	+ 0.48	+11.33	311 59 50.72	47.785	+ 3.78	−1 5.9	12 49 23.39	− 1.84	− 9 1 11.4	+ 8.5
28	B. D.− 6°3705	9	53 27.41	+ 0.49	+11.33	314 35 52.65	45.552	+ 3.78	−1 0.2	12 53 39.23	− 1.79	− 6 25 54.9	+ 8.7
29	B. D.+ 2°2614	9	56 26.23	+ 0.51	+11.33	323 3 52.55	44.938	+ 3.78	− 44.7	12 56 38.07	− 1.69	+ 2 2 6.5	+ 9.8
30	B. D.−12°3751	9	0 21.94	+ 0.47	+11.33	308 45 51.38	44.525	+ 3.78	−1 13.9	13 0 33.74	− 1.86	−12 16 33.3	+ 7.4
31	B. D.−10°3615	9	3 15.71	+ 0.48	+11.33	309 45 51.15	48.512	+ 3.78	−1 11.3	13 3 27.52	− 1.84	−11 14 59.8	+ 7.4
32	B. D.−13°3665	9	6 8.04	+ 0.47	+11.33	307 33 51.58	48.338	+ 3.78	−1 17.1	13 6 19.84	− 1.84	−13 27 9.1	+ 7.0
33	B. D.− 9°3646	9	9 33.06	+ 0.48	+11.33	311 9 49.85	46.345	+ 3.78	−1 7.9	13 9 44.87	− 1.80	− 9 51 47.2	+ 7.3
34	B. D.− 9°3654	9	12 15.32	+ 0.48	+11.33	310 59 50.72	44.298	+ 3.78	−1 8.3	13 12 27.13	− 1.80	−10 2 33.6	+ 7.1
35	B. D.− 2°3671	9	15 34.84	+ 0.50	+11.33	317 59 52.85	45.278	+ 3.78	− 53.5	13 15 46.67	− 1.70	− 3 1 54.3	+ 8.2
36	α Virginis	7	19 58.09	+ 0.48	**+11.32**	310 21 49.40	46.595	+ 3.78	−1 9.8	13 20 9.90	....	−10 39 43.9	....
37	ζ Virginis	9	29 37.91	+ 0.50	**+11.26**	320 55 51.25	43.678	+ 3.78	− 48.2	13 29 49.74	....	− 0 6 27.1	....
	March 9, M.												
38	θ Boötis	8	21 45.07	+ 0.59	+11.28	13 17 55.70	45.798	+ 4.22	+ 14.2	14 21 56.94	....	+52 17 28.4	....
39	33 Boötis	9	35 5.14	+ 0.58	+11.28	5 49 53.70	44.820	+ 4.22	+ 6.2	14 35 17.00	....	+44 48 56.1	....
40	ε Boötis	9	40 36.97	+ 0.57	**+11.30**	348 29 53.32	44.645	+ 4.22	− 12.1	14 40 48.82	....	+27 28 33.5	....
41	8 Libræ	9	45 12.28	+ 0.48	**+11.29**	305 27 51.50	41.396	+ 4.22	−1 23.8	14 45 24.04	....	−15 35 54.1	....
42	47 H. Cephei s. P.	8	53 5.70	+ 0.72	+11.28	61 57 56.42	41.430	+ 4.22	+1 52.2	2 53 17.70	....	+79 2 32.3	....
43	ψ Boötis	9	0 9.14	+ 0.57	**+11.28**	348 19 53.90	46.180	+ 4.22	− 12.3	15 0 20.99	....	+27 19 9.0	....
44	57 B. Ursæ Minoris	9	7 48.78	+ 0.31	+11.28	48 35 57.28	44.790	+ 4.22	+1 8.0	15 8 0.37	....	+87 36 0.2	....
45	η Coronæ Borealis	9	19 3.45	+ 0.57	+11.28	351 39 53.88	42.715	+ 4.22	− 8.7	15 19 15.30	....	+30 37 53.3	....
46	β Coronæ Borealis	9	23 41.36	+ 0.57	**+11.29**	350 25 53.00	48.472	+ 4.22	− 10.0	15 23 53.21	....	+29 26 2.7	....
47	γ Libræ	9	29 58.81	+ 0.48	**+11.30**	306 33 50.85	45.850	+ 4.22	−1 20.4	15 30 10.57	....	−14 28 9.6	....
48	ζ Coronæ Borealis (*fol.*)	9	35 34.68	+ 0.58	+11.28	357 57 54.48	44.416	+ 4.22	− 2.1	15 35 46.54	− 0.82	+36 56 39.3	+11.8
49	α Serpentis	5	39 21.50	+ 0.54	**+11.33**	327 43 52.32	48.500	+ 4.22	− 37.7	15 39 33.32	....	+ 6 43 35.3	....
50	ζ Ursæ Minoris	9	47 16.70	+ 0.58	+11.28	39 5 56.52	43.575	+ 4.22	+ 48.7	15 47 28.56	....	+78 5 12.9	....
51	ε Coronæ Borealis	9	53 25.66	+ 0.57	**+11.32**	348 9 53.98	46.285	+ 4.22	− 12.5	15 53 37.51	....	+27 9 11.2	....
52	87 B. Draconis	8	5 51.87	+ 0.60	+11.28	29 3 55.20	45.285	+ 4.22	+ 33.4	16 6 3.75	....	+68 3 35.4	....
53	σ^2 Coronæ Borealis	9	10 53.83	+ 0.57	+11.28	355 7 54.05	42.660	+ 4.22	− 5.1	16 11 5.68	....	+34 5 55.8	....
54	τ Herculis	9	16 39.94	+ 0.58	+11.28	7 33 55.25	43.078	+ 4.22	+ 8.0	16 16 51.80	....	+46 32 19.6	....
55	α Scorpii	9	23 20.63	+ 0.44	+11.28	294 49 49.70	45.695	+ 4.22	−2 8.5	16 23 32.35	....	−26 13 2.3	....
56	34 Herculis	9	27 16.37	+ 0.59	+11.28	10 11 55.02	42.125	+ 4.22	+ 10.8	16 27 28.24	− 0.43	+49 10 0.4	+12.6
57	ζ Ophiuchi	9	31 41.47	+ 0.50	**+11.24**	310 39 49.12	44.932	+ 4.22	−1 9.6	16 31 53.25	....	−10 22 21.5	....
58	Mercury C, C	8	32 43.68	+ 0.54	+11.30	309 31 51.48	43.595	+ 4.42	−1 11.1	22 32 55.52	− 0.01	−11 30 50.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 11 45	29.83	36.0	37.2
12 14	......	....	36.8
12 37	29.835	35.2	35.8
13 5	......	....	35.8
13 31	29.845	35.5	36.0
14 22	29.86	34.5	34.0
15 15	......	....	33.0
15 47	......	....	34.0
15 53	29.87	33.5	....
16 35	29.87	33.0	33.0
22 33	29.93	43.0	43.0

Micrometer bisections are made at II, VI, except as noted below.

1, 7, 13.	Bisections at I, II.
2, 49.	Bisections at VI, VII.
19, 27, 32.	Bisections at II, VII.
41, 47, 48, 55, 57.	Bisections at I, II, VI, VII.
42, 44.	Bisections at III, IV, V.
50.	Bisections at III, V.
52.	Bisection at VI.
58.	Bisections at I, II, VII.

Notes.

25. Image poor.
41. Circle reading increased 2′.
55. Micrometer reading decreased 1 rev.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
58	+ 5.1	.. ....	− 0.1	+ 5.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	March 10, M.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	8	20 57.23	+ 0.56	+11.30	316 41 52.70	44.052	+ 4.38	− 55.0	23 21 9.09	+64.77	− 4 20 23.3	....
2	Sun II, N.	9	23 6.76	+ 0.56	+11.30	317 13 52.20	44.588	+ 4.38	− 54.0	23 23 18.62	−64.76	− 3 48 10.7	....
3	α Orionis	9	49 47.48	+ 0.48	**+11.35**	328 23 51.82	47.278	+ 4.64	− 36.0	5 49 59.28	.....	+ 7 23 8.7	....
4	1 Geminorum	9	58 6.21	+ 0.52	**+11.32**	344 17 53.40	43.338	+ 4.64	− 16.5	5 58 18.05	.....	+23 15 59.4	....
5	δ Ursæ Minoris s. p.	9	2 55.11	+ 0.32	+11.32	54 23 56.32	42.499	+ 4.64	+1 22.2	18 3 6.75	.....	+86 36 37.3	....
6	μ Geminorum	9	16 58.43	+ 0.52	**+11.29**	343 33 53.08	47.745	+ 4.64	− 17.3	6 17 10.27	.....	+22 33 39.0	....
7	10 Monocerotis	9	23 2.35	+ 0.45	**+11.34**	316 19 51.22	43.980	+ 4.64	− 56.1	6 23 14.12	.....	− 4 42 27.5	....
8	γ Geminorum	9	31 59.26	+ 0.51	**+11.31**	337 29 53.28	45.545	+ 4.64	− 24.3	6 32 11.09	.....	+16 28 42.0	....
	March 15, Br.												
9	δ Ursæ Minoris s. p.	8	2 57.32	+ 0.81	+11.08	54 23 58.98	42.390	+ 4.83	+1 22.9	18 3 9.21	.....	+86 36 36.4	....
10	ν Geminorum	6	23 5.07	+ 0.59	**+11.09**	341 17 57.38	43.928	+ 4.83	− 20.1	6 23 16.74	.....	+20 16 14.0	....
11	γ Geminorum	9	31 59.29	+ 0.59	**+11.11**	337 29 55.70	45.482	+ 4.83	− 24.6	6 32 10.96	.....	+16 28 43.1	....
12	ε Geminorum	9	37 50.97	+ 0.60	**+11.08**	346 13 57.40	46.935	+ 4.83	− 14.5	6 38 2.65	.....	+25 13 27.8	....
13	ξ Geminorum	5	39 43.52	+ 0.58	**+11.02**	334 0	......	....	. ....	6 39 55.18	.....	+12 59	....
14	51 H. Cephei	9	55 43.00	+ 0.51	+11.08	48 12 1.32	45.183	+ 4.83	+1 6.7	6 55 54.59	.....	+87 12 12.7	....
	March 15, Ei.-Y.												
15	β Geminorum	9	39 16.14	+ 0.58	**+11.22**	349 15 58.25	46.535	+ 4.73	− 11.3	7 39 27.93	.....	+28 15 22.9	....
16	φ Geminorum	9	47 26.96	+ 0.58	**+11.25**	348 1 58.90	44.910	+ 4.73	− 12.6	7 47 38.75	.....	+27 0 45.1	....
17	B. D.+18°1778	9	49 6.36	+ 0.57	+11.21	339 21 56.52	45.885	+ 4.73	− 22.4	7 49 18.14	− 1.31	+18 20 55.3	+12.3
18	B. D.+21°1730	9	53 5.22	+ 0.58	+11.21	342 25 56.65	44.935	+ 4.73	− 18.9	7 53 17.01	− 1.34	+21 24 37.2	+11.4
19	B. D.+16°1612	9	55 51.64	+ 0.57	+11.21	337 43 56.40	46.258	+ 4.73	− 24.4	7 56 3.42	− 1.33	+16 43 1.7	+13.0
20	B. D.+18°1839	9	59 41.13	+ 0.57	+11.21	338 53 56.40	47.402	+ 4.73	− 23.0	7 59 52.91	− 1.35	+17 53 29.2	+12.5
21	B. D.+25°1854	9	2 22.14	+ 0.58	+11.21	346 49 56.05	47.680	+ 4.73	− 13.9	8 2 33.93	− 1.39	+25 49 44.3	+10.2
22	B. D.+15°1775	9	5 24.94	+ 0.57	+11.21	335 55 56.25	45.315	+ 4.73	− 26.6	8 5 36.72	− 1.36	+14 54 37.8	+13.5
23	B. D.+13°1868	9	8 50.42	+ 0.57	+11.21	334 21 55.98	44.152	+ 4.73	− 28.6	8 9 2.20	− 1.37	+13 20 8.9	+14.0
24	B. D.+25°1903	9	14 45.22	+ 0.58	+11.21	346 39 56.68	43.588	+ 4.73	− 14.1	8 14 57.01	− 1.44	+25 38 11.2	+10.5
25	d^1 Cancri	9	17 41.74	+ 0.58	+11.21	339 39 55.20	44.188	+ 4.73	− 22.1	8 17 53.53	.....	+18 38 15.5	....
26	B. D.+19°2012	9	21 23.14	+ 0.57	+11.21	340 35 56.72	43.382	+ 4.73	− 21.0	8 21 34.92	− 1.43	+19 33 59.7	+12.3
27	29 Cancri	9	23 5.59	+ 0.57	+11.21	335 33 56.32	42.465	+ 4.73	− 27.1	8 23 17.37	− 1.43	+14 31 32.2	+13.7
28	B. D.+24°1940	9	25 39.73	+ 0.58	+11.21	345 25 57.45	43.552	+ 4.73	− 15.5	8 25 51.52	− 1.47	+24 24 9.8	+11.0
29	B. D.+15°1845	9	28 14.33	+ 0.57	+11.21	336 1 56.20	43.355	+ 4.73	− 26.6	8 28 26.11	− 1.44	+14 59 53.0	+13.6
30	B. D.+19°2053	9	32 6.43	+ 0.57	+11.21	340 37 57.38	43.258	+ 4.73	− 21.0	8 32 18.21	− 1.47	+19 35 57.5	+12.4
31	B. D.+20°2158	9	34 24.88	+ 0.57	+11.21	341 21 56.65	45.055	+ 4.73	− 20.1	8 34 36.66	− 1.48	+20 20 38.7	+12.2
32	B. D.+20°2185	9	36 9.04	+ 0.57	+11.21	341 13 57.22	45.475	+ 4.73	− 20.3	8 36 20.82	− 1.48	+20 12 48.7	+12.2
33	δ Cancri	9	39 3.57	+ 0.57	**+11.24**	339 31 56.02	44.165	+ 4.73	− 22.3	8 39 15.35	.....	+18 30 15.6	....
34	B. D.+16°1815	9	40 46.59	+ 0.57	+11.21	337 23 56.58	46.215	+ 4.73	− 24.9	8 40 58.37	− 1.49	+16 23 0.4	+13.3
35	B. D.+21°1926	9	45 40.45	+ 0.58	+11.21	342 27 57.30	43.800	+ 4.73	− 18.9	8 45 52.24	− 1.52	+21 26 11.9	+12.0
36	B. D.+15°1945	9	51 43.53	+ 0.57	+11.21	336 41 56.25	46.945	+ 4.73	− 25.7	8 51 55.31	− 1.52	+15 41 16.0	+13.5
37	B. D.+13°2021	9	54 0.09	+ 0.57	+11.21	334 27 56.28	45.405	+ 4.73	− 28.5	8 54 11.87	− 1.53	+13 26 38.0	+14.1
38	B. D.+12°1960	9	59 4.82	+ 0.56	+11.21	333 37 55.75	43.232	+ 4.73	− 29.6	8 59 16.59	− 1.54	+12 35 46.7	+14.3
39	B. D.+23°2048 (*south*)	5	1 44.64	+ 0.58	+11.21	344 23 56.15	42.440	+ 4.73	− 16.7	9 1 56.43	− 1.57	+23 21 41.6	+11.7
40	B. D.+23°2048 (*north*)	5	1 44.81	+ 0.58	+11.21	344 23 56.15	42.725	+ 4.73	− 16.7	9 1 56.60	− 1.57	+23 21 48.6	+11.7
41	B. D.+22°2063	9	4 39.82	+ 0.58	+11.21	343 23 54.85	45.995	+ 4.73	− 17.8	9 4 51.61	− 1.57	+22 23 0.7	+12.0
42	B. D.+21°1991	9	7 58.20	+ 0.58	+11.21	342 41 56.20	44.760	+ 4.73	− 18.6	9 8 9.99	− 1.58	+21 40 33.0	+12.2
43	B. D.+23°2072	9	12 4.31	+ 0.58	+11.21	344 29 55.80	45.022	+ 4.73	− 16.6	9 12 16.10	− 1.59	+23 28 40.6	+11.8
44	B. D.+13°2074	9	15 53.90	+ 0.57	+11.21	334 31 56.18	46.515	+ 4.73	− 28.5	9 16 5.68	− 1.59	+13 31 3.5	+14.0
45	B. D.+20°2318	9	19 11.09	+ 0.57	+11.21	341 13 55.88	43.265	+ 4.73	− 20.3	9 19 22.87	− 1.60	+20 11 56.8	+12.6
46	B. D.+19°2218	9	23 27.10	+ 0.57	+11.21	340 43 56.32	43.935	+ 4.73	− 20.9	9 23 38.88	− 1.61	+19 42 12.0	+12.7
47	B. D.+16°1984	9	26 11.51	+ 0.57	+11.21	337 13 56.50	41.935	+ 4.73	− 25.1	9 26 23.29	− 1.62	+16 11 22.3	+13.5
48	B. D.+20°2340	9	30 28.63	+ 0.57	+11.21	341 29 56.38	44.055	+ 4.73	− 20.0	9 30 40.41	− 1.63	+20 28 15.7	+12.6
49	B. D.+20°2351	9	33 21.47	+ 0.58	+11.21	341 45 57.38	42.452	+ 4.73	− 19.7	9 33 33.26	− 1.64	+20 43 40.4	+12.5
50	B. D.+17°2120	9	36 50.81	+ 0.57	+11.21	338 31 56.05	46.065	+ 4.73	− 23.5	9 37 2.59	− 1.64	+17 30 57.8	+13.2
51	B. D.+ 9°2239	9	42 0.88	+ 0.56	+11.21	330 1 56.42	45.848	+ 4.73	− 34.5	9 42 12.65	− 1.66	+ 9 0 42.3	+14.8
52	B. D.+19°2270	9	45 23.15	+ 0.57	+11.21	340 47 56.58	43.778	+ 4.73	− 20.8	9 45 34.93	− 1.66	+19 46 8.8	+12.8
53	B. D.+ 8°2285	9	48 51.66	+ 0.56	+11.21	329 33 55.50	42.608	+ 4.73	− 35.2	9 49 3.43	− 1.68	+ 8 31 26.6	+14.8
54	B. D.+14°2170	9	52 31.52	+ 0.57	+11.21	335 3 56.00	48.030	+ 4.73	− 27.8	9 52 43.30	− 1.68	+14 3 38.4	+13.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 23 23	29.92	45.0	44.9
5 45	29.78	42.7	41.0
6 17	......	....	40.0
15 5 59	29.70	35.3	34.9
6 23	......	....	34.8
6 42	......	....	34.2
6 59	29.735	34.0	34.0
7 37	29.76	33.6	32.9
8 1	......	....	32.3
8 27	29.76	32.1	32.0
8 47	......	....	31.9
9 13	29.785	31.6	31.8
9 38	......	....	31.4

Micrometer bisections are made at II, VI, except as noted below.

1, 4, 6–8, 12, 39.	Bisections at I, II.
2, 10, 40, 44.	Bisections at VI, VII.
3.	Bisections at I, II, VI, VII.
5.	Bisections at b_1, b_4, b_6, b_9.
9.	Bisections at b_2, b_5, b_8.
14.	Bisections at III, IV, V.
31, 35, 36, 51, 52.	Bisections at II, VII.

Note.

17. Micrometer reading decreased 1 rev.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.0	+16 6.3	...	+16 12.3
2	+ 6.0	−16 6.3	...	−16 0.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+18°2303	9	55 16.19	+ 0.57	+11.21	339 1 56.12	47.232	+ 4.73	− 22.9	9 55 27.97	− 1.68	+18 1 25.2	+13.1
2	B. D.+ 5°2280	9	59 36.79	+ 0.55	+11.21	326 29 54.30	44.158	+ 4.73	− 39.7	9 59 48.55	− 1.72	+ 5 27 56.3	+15.1
3	η Leonis	9	1 55.96	+ 0.57	**+11.13**	338 13 55.65	47.960	+ 4.73	− 23.9	10 2 7.74	.....	+17 13 40.0	....
4	α Leonis	7	3 5.60	+ 0.56	**+11.22**	333 27 55.80	43.788	+ 4.73	− 29.9	10 3 17.37	.....	+12 25 59.4	....
5	d Leonis	9	55 26.28	+ 0.56	**+11.18**	325 9 55.35	43.728	+ 4.73	− 41.7	10 55 38.05	.....	+ 4 7 45.6	....
6	χ Leonis	9	59 54.02	+ 0.56	**+11.18**	328 51 55.35	47.002	+ 4.73	− 36.2	11 0 5.79	.....	+ 7 51 5.9	....
7	B. D.+ 0°2750	9	3 30.86	+ 0.55	+11.21	320 57 55.05	47.835	+ 4.73	− 48.6	11 3 42.62	− 1.84	− 0 2 47.7	+14.1
8	B. D.+ 3°2475	9	8 47.48	+ 0.55	+11.21	323 49 53.38	42.732	+ 4.73	− 43.9	11 8 59.24	− 1.83	+ 2 47 18.6	+13.8
9	B. D.+13°2379	9	10 46.97	+ 0.57	+11.21	334 23 55.65	43.775	+ 4.73	− 28.7	11 10 58.75	− 1.76	+13 21 59.9	+13.1
10	B. D.+ 0°2769	9	14 27.52	+ 0.55	+11.21	321 21 55.28	45.268	+ 4.73	− 47.9	11 14 39.28	− 1.85	+ 0 20 14.5	+13.7
11	B. D.+ 7°2443	9	18 7.62	+ 0.56	+11.21	328 7 55.32	45.680	+ 4.73	− 37.3	11 18 19.39	− 1.80	+ 7 6 34.5	+13.3
12	B. D.+ 6°2448	9	20 4.21	+ 0.56	+11.21	327 17 55.02	43.820	+ 4.73	− 38.5	11 20 15.98	− 1.80	+ 6 15 50.5	+13.3
13	τ Leonis	9	22 50.11	+ 0.55	**+11.23**	324 23 55.95	46.740	+ 4.73	− 42.9	11 23 1.87	.....	+ 3 22 53.8	....
14	B. D.+ 8°2512	9	24 32.46	+ 0.56	+11.21	329 9 55.92	42.872	+ 4.73	− 35.8	11 24 44.23	− 1.80	+ 8 7 32.5	+13.1
15	B. D.− 0°2447	9	26 55.71	+ 0.54	+11.21	319 45 54.10	46.485	+ 4.73	− 50.8	11 27 7.46	− 1.87	− 1 15 21.8	+13.3
16	B. D.+ 3°2521	9	29 17.28	+ 0.55	+11.21	324 37 55.98	42.815	+ 4.73	− 42.6	11 29 29.04	− 1.83	+ 3 35 24.4	+13.2
17	B. D.+ 8°2532	9	33 20.67	+ 0.56	+11.21	329 41 55.88	43.395	+ 4.73	− 35.1	11 33 32.44	− 1.79	+ 8 39 45.1	+12.9
18	B. D.+ 3°2539	9	37 20.44	+ 0.55	+11.21	323 55 55.08	43.248	+ 4.73	− 43.7	11 37 32.20	− 1.83	+ 2 53 32.4	+12.9
19	B. D.− 2°3410	9	41 15.54	+ 0.54	+11.21	318 33 56.40	43.915	+ 4.73	− 53.0	11 41 27.29	− 1.88	− 2 28 20.4	+12.8
20	B. D.− 6°3455	9	44 6.94	+ 0.53	+11.21	314 11 55.08	45.758	+ 4.73	−1 1.7	11 44 18.68	− 1.94	− 6 49 48.2	+12.6
21	B. D.− 2°3433	9	48 47.64	+ 0.54	+11.21	317 47 55.45	43.155	+ 4.73	− 54.4	11 48 59.39	− 1.89	− 3 14 40.1	+12.4
22	B. D.+ 6°2525	9	50 23.18	+ 0.56	+11.21	327 21 55.12	46.975	+ 4.73	− 38.4	11 50 34.95	− 1.80	+ 6 21 3.1	+12.5
23	B. D.− 2°3446	9	54 9.69	+ 0.54	+11.21	318 13 56.62	46.288	+ 4.73	− 53.6	11 54 21.44	− 1.89	− 2 47 26.5	+12.2
24	B. D.− 6°3499	9	57 46.98	+ 0.53	+11.21	313 51 56.00	47.470	+ 4.73	−1 2.4	11 57 58.72	− 1.91	− 7 9 9.0	+11.9
25	B. D.− 5°3424	9	2 9.97	+ 0.54	+11.21	314 47 54.85	45.015	+ 4.73	−1 0.4	12 2 21.72	− 1.93	− 6 14 3.9	+11.8
26	B. D.− 6°3518	9	5 21.86	+ 0.53	+11.21	313 47 55.78	43.668	+ 4.73	−1 2.6	12 5 33.60	− 1.94	− 7 14 36.2	+11.5
27	B. D.− 4°3235	9	9 10.48	+ 0.54	+11.21	315 49 54.98	46.855	+ 4.73	− 58.2	12 9 22.23	− 1.91	− 5 11 19.8	+11.5
28	B. D.+ 1°2676	9	11 53.66	+ 0.55	+11.21	321 53 55.48	47.092	+ 4.73	− 47.0	12 12 5.42	− 1.84	+ 0 52 57.3	+11.7
29	B. D.− 5°3476	9	15 18.17	+ 0.54	+11.21	314 59 55.38	46.160	+ 4.73	−1 0.0	12 15 29.92	− 1.91	− 6 1 37.0	+11.2
30	B. D.+ 1°2689	9	18 25.42	+ 0.55	+11.21	322 15 56.65	46.602	+ 4.73	− 46.4	12 18 37.18	− 1.83	+ 1 14 47.8	+11.5
31	33 H^1. Virginis	9	22 46.11	+ 0.54	+11.21	316 55 54.52	47.120	+ 4.73	− 56.1	12 22 57.86	− 1.88	− 4 5 12.2	+10.9
32	B. D.+ 4°2622	9	25 30.72	+ 0.56	+11.21	325 3 55.55	44.795	+ 4.73	− 41.9	12 25 42.49	− 1.80	+ 4 2 9.9	+11.4
33	B. D.− 2°3533	9	29 7.19	+ 0.54	+11.21	317 49 55.52	46.022	+ 4.73	− 54.4	12 29 18.94	− 1.87	− 3 11 34.5	+10.7
34	B. D.−10°3512	9	33 11.32	+ 0.52	+11.21	310 1 54.80	46.955	+ 4.73	−1 11.4	12 33 23.05	− 1.97	−10 59 30.9	+ 9.8
35	B. D.− 9°3534	9	36 1.17	+ 0.53	+11.21	311 43 53.55	45.812	+ 4.73	−1 7.3	12 36 12.91	− 1.94	− 9 17 54.2	+ 9.8
36	B. D.+ 1°2750	9	40 29.43	+ 0.55	+11.21	322 31 56.08	46.005	+ 4.73	− 46.0	12 40 41.19	− 1.80	+ 1 30 34.0	+10.6
37	35 Virginis	9	42 48.15	+ 0.56	**+11.19**	325 7 56.48	43.392	+ 4.73	− 41.8	12 42 59.92	.....	+ 4 5 38.9	....
38	B. D.+ 3°2703	9	46 33.67	+ 0.55	+11.21	324 35 55.55	45.865	+ 4.73	− 42.6	12 46 45.43	− 1.77	+ 3 34 33.7	+10.6
39	ψ Virginis	9	49 11.71	+ 0.53	+11.21	311 59 53.75	47.625	+ 4.73	−1 6.6	12 49 23.45	− 1.92	− 9 1 11.9	+ 9.2
40	B. D.− 6°3705	9	53 27.55	+ 0.54	+11.21	314 35 55.35	45.400	+ 4.73	−1 0.8	12 53 39.30	− 1.87	− 6 25 55.3	+ 9.3
41	B. D.+ 2°2614	9	56 26.48	+ 0.55	+11.21	323 3 55.45	44.760	+ 4.73	− 45.1	12 56 38.24	− 1.77	+ 2 2 5.6	+10.1
42	B. D.−10°3615	7	3 15.88	+ 0.52	+11.21	309 45 54.12	48.342	+ 4.73	−1 12.0	13 3 27.61	− 1.92	−11 15 0.2	+ 8.1
43	B. D.− 9°3654	9	12 15.53	+ 0.53	+11.21	310 59 53.80	44.145	+ 4.73	−1 8.9	13 12 27.27	− 1.89	−10 2 33.6	+ 7.8
44	α Virginis	8	19 58.20	+ 0.52	**+11.27**	310 21 52.78	46.450	+ 4.73	−1 10.4	13 20 9.93	.....	−10 39 43.7	....
	March 15, M.												
45	Mercury C, C.	9	12 14.47	+ 0.47	+11.15	313 39 56.22	43.834	+ 4.89	−1 2.3	23 12 26.09	− 0.01	− 7 22 31.6	....
	March 16, M.												
46	Sun I, N.	9	42 57.81	+ 0.48	+11.15	319 35 56.05	43.465	+ 4.38	− 50.6	23 43 9.44	+64.55	− 1 26 28.9	....
47	Sun II, S.	9	45 6.91	+ 0.48	+11.15	319 3 56.02	43.042	+ 4.38	− 51.6	23 45 18.54	−64.55	− 1 58 39.8	....
48	ν Geminorum	9	23 5.03	+ 0.57	**+11.13**	341 17 57.25	43.978	+ 4.58	− 20.2	6 23 16.74	.....	+20 16 14.5	....
49	13 Monocerotis	9	27 31.99	+ 0.55	+11.14	328 25 55.78	44.080	+ 4.58	− 36.8	6 27 43.68	− 0.88	+ 7 23 58.7	+14.8
50	γ Geminorum	9	31 59.25	+ 0.57	**+11.15**	337 29 56.50	45.445	+ 4.58	− 24.8	6 32 10.96	.....	+16 28 42.7	....
51	ε Geminorum	9	37 50.98	+ 0.58	**+11.07**	346 13 56.12	46.988	+ 4.58	− 14.6	6 38 2.70	.....	+25 13 27.7	....
52	ψ^7 Aurigæ	9	43 48.21	+ 0.59	+11.14	2 53 57.85	46.640	+ 4.58	+ 3.1	6 43 59.94	− 1.19	+41 53 39.1	+ 3.2
53	θ Canis Majoris	9	49 33.13	+ 0.51	**+11.13**	309 5 53.55	47.329	+ 4.58	−1 13.6	6 49 44.78	.....	−11 55 25.9	....
54	105 G. Canis Majoris	9	54 29.24	+ 0.46	+11.14	295 45 53.20	44.302	+ 4.58	−2 3.6	6 54 40.84	− 0.98	−25 17 25.4	+24.4
55	ζ Geminorum	9	58 14.37	+ 0.57	**+11.13**	341 43 56.32	44.769	+ 4.58	− 19.8	6 58 26.08	.....	+20 42 32.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 10 5	29.79	31.0	31.0
10 54	29.785	30.6	30.6
11 16	......	....	30.5
11 45	29.80	30.0	30.2
12 13	......	....	30.5
12 37	29.81	29.8	30.2
13 6	......	....	30.9
13 31	29.825	30.6	32.0
23 12	30.00	38.8	38.0
16 23 45	30.00	39.3	38.0
6 18	30 05	36.6	36.0
6 40	......	....	35.3
6 58	30.06	35.4	34.9

Micrometer bisections are made at II, VI, except as noted below.

3, 46.	Bisections at I, II.
4, 22, 25, 42, 47.	Bisections at VI, VII.
7, 14, 18–20, 26.	Bisections at II, VII.
29.	Bisections at II, VI, VII.
41, 44.	Bisection at II.
45, 53, 54, 55.	Bisections at I, II, VI, VII.

Notes.

24–35. Conditions poor.

29. Very difficult.

36–44. Images very poor; nebulous and faint.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
45	+ 4.7	.. ....	− 0.1	+ 4.6
46	+ 5.7	−16 5.4	...	−15 59.7
47	+ 5.8	+16 5.4	...	+16 11.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	March 16, Ei.-Y.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Geminorum	9	39 16.13	+ 0.58	**+11.21**	349 15 58.22	46.568	+ 4.76	− 11.3	7 39 27.89	....	+28 15 23.7	....
2	φ Geminorum	9	47 26.99	+ 0.57	**+11.22**	348 1 58.15	44.960	+ 4.76	− 12.7	7 47 38.74	....	+27 0 45.5	....
3	B. D.+20°1946	9	49 53.40	+ 0.57	+11.18	341 9 56.08	43.670	+ 4.76	− 20.5	7 50 5.15	− 1.30	+20 8 6.1	+11.7
4	ω¹ Cancri	9	54 57.04	+ 0.57	+11.18	346 39 57.22	46.265	+ 4.76	− 14.2	7 55 8.79	....	+25 39 12.9	....
5	B. D.+15°1734	9	57 7.22	+ 0.56	+11.18	336 13 55.90	45.790	+ 4.76	− 26.4	7 57 18.96	− 1.32	+15 12 48.5	+13.3
6	B. D.+23°1887	9	0 26.77	+ 0.57	+11.18	343 55 56.40	44.425	+ 4.76	− 17.3	8 0 38.52	− 1.36	+22 54 26.9	+11.0
7	B. D.+19°1934	9	2 24.96	+ 0.57	+11.18	340 31 57.00	42.390	+ 4.76	− 21.2	8 2 36.71	− 1.35	+19 29 37.1	+12.0
8	B. D.+16°1657	9	5 59.45	+ 0.56	+11.18	337 31 56.28	43.482	+ 4.76	− 24.8	8 6 11.19	− 1.35	+16 29 57.7	+13.0
9	B. D.+21°1792	9	8 40.59	+ 0.57	+11.18	341 59 56.78	47.868	+ 4.76	− 19.5	8 8 52.34	− 1.38	+20 59 43.8	+11.7
10	B. D.+19°1963	9	10 16.58	+ 0.57	+11.18	339 59 56.62	46.300	+ 4.76	− 21.8	8 10 28.33	− 1.38	+18 59 5.5	+12.2
11	B. D.+19°1979	9	14 18.32	+ 0.57	+11.18	340 45 56.70	46.290	+ 4.76	− 20.9	8 14 30.07	− 1.39	+19 45 6.0	+12.1
12	B. D.+22°1915	9	15 40.01	+ 0.57	+11.18	343 13 55.52	45.145	+ 4.76	− 18.1	8 15 51.76	− 1.41	+22 12 41.7	+11.4
13	B. D.+20°2079	9	19 5.18	+ 0.57	+11.18	341 29 56.25	42.458	+ 4.76	− 20.1	8 19 16.93	− 1.42	+20 27 39.0	+11.9
14	B. D.+23°1960	9	21 35.79	+ 0.57	+11.18	344 29 55.90	42.998	+ 4.76	− 16.7	8 21 47.54	− 1.43	+23 27 54.1	+11.1
15	B. D.+24°1931	9	22 45.08	+ 0.57	+11.18	345 29 56.32	42.305	+ 4.76	− 15.5	8 22 56.83	− 1.44	+24 27 40.4	+10.8
16	θ Cancri	9	25 57.12	+ 0.57	+11.18	339 25 57.05	46.000	+ 4.76	− 22.5	8 26 8.87	− 1.43	+18 24 58.4	+12.6
17	B. D.+13°1940	9	28 15.74	+ 0.56	+11.18	334 35 55.85	46.270	+ 4.76	− 28.5	8 28 27.48	− 1.43	+13 34 57.3	+13.9
18	B. D.+20°2136	9	32 40.68	+ 0.57	+11.18	341 33 56.62	44.450	+ 4.76	− 20.0	8 32 52.43	− 1.46	+20 32 25.0	+12.0
19	B. D.+20°2159	9	34 29.99	+ 0.57	+11.18	341 19 55.88	44.588	+ 4.76	− 20.3	8 34 41.74	− 1.47	+20 18 27.1	+12.1
20	B. D.+16°1802	9	37 19.52	+ 0.56	+11.18	337 49 55.15	42.165	+ 4.76	− 24.5	8 37 31.26	− 1.46	+16 47 26.8	+13.1
21	B. D.+20°2207	9	40 8.83	+ 0.57	+11.18	341 23 56.42	43.938	+ 4.76	− 20.2	8 40 20.58	− 1.48	+20 22 12.9	+12.2
22	B. D.+12°1904	9	41 30.11	+ 0.56	+11.18	333 29 55.15	42.640	+ 4.76	− 30.0	8 41 41.85	− 1.48	+12 27 32.2	+14.3
23	B. D.+13°2007	9	46 56.86	+ 0.56	+11.18	334 35 55.68	47.945	+ 4.76	− 28.5	8 47 8.60	− 1.49	+13 35 35.5	+14.0
24	B. D.+16°1864	9	52 3.38	+ 0.56	+11.18	336 57 56.32	45.780	+ 4.76	− 25.6	8 52 15.12	− 1.51	+15 56 49.5	+13.4
25	B. D.+17°1990	9	56 10.27	+ 0.57	+11.18	338 29 56.30	41.615	+ 4.76	− 23.7	8 56 22.02	− 1.53	+17 27 16.2	+13.0
26	B. D.+19°2153	9	59 52.04	+ 0.57	+11.18	340 49 56.28	45.928	+ 4.76	− 20.9	9 0 3.79	− 1.54	+19 48 57.6	+12.5
27	κ Cancri	9	2 22.74	+ 0.56	**+11.19**	332 3 54.60	46.770	+ 4.76	− 31.9	9 2 34.48	....	+11 3 4.1	....
28	B. D.+19°2171	9	5 18.01	+ 0.57	+11.18	340 17 56.58	45.025	+ 4.76	− 21.5	9 5 29.76	− 1.56	+19 16 36.6	+12.6
29	B. D.+10°1956	9	8 2.58	+ 0.55	+11.18	331 43 54.82	43.755	+ 4.76	− 32.4	9 8 14.31	− 1.56	+10 41 54.9	+14.6
30	B. D.+17°2053	9	12 7.29	+ 0.57	+11.18	338 7 54.78	44.202	+ 4.76	− 24.2	9 12 19.04	− 1.57	+17 6 13.3	+13.2
31	B. D.+17°2065	9	15 55.41	+ 0.56	+11.18	338 1 56.45	44.162	+ 4.76	− 24.3	9 16 7.15	− 1.58	+17 0 14.0	+13.2
32	B. D.+11°2035	9	19 42.16	+ 0.55	+11.18	331 51 55.55	42.650	+ 4.76	− 32.2	9 19 53.89	− 1.60	+10 49 30.6	+14.6
33	B. D.+21°2036	9	23 47.18	+ 0.57	+11.18	342 21 56.05	42.982	+ 4.76	− 19.1	9 23 58.93	− 1.61	+21 19 51.8	+12.2
34	ξ Leonis	9	26 36.27	+ 0.56	**+11.16**	332 45 54.75	42.090	+ 4.76	− 31.0	9 26 48.01	....	+11 43 18.0	....
35	B. D.+10°2026	9	30 29.81	+ 0.55	+11.18	331 19 55.30	43.080	+ 4.76	− 32.9	9 30 41.54	− 1.62	+10 17 39.5	+14.6
36	B. D.+11°2071	9	33 26.43	+ 0.56	+11.18	332 13 54.85	45.295	+ 4.76	− 31.7	9 33 38.17	− 1.63	+11 12 30.6	+14.4
37	B. D.+20°2366	9	37 49.98	+ 0.57	+11.18	341 39 55.60	42.758	+ 4.76	− 20.0	9 38 1.73	− 1.64	+20 37 45.3	+12.5
38	B. D.+12°2095	9	42 6.32	+ 0.56	+11.18	333 1 55.65	45.235	+ 4.76	− 30.7	9 42 18.06	− 1.65	+12 0 31.3	+14.2
39	B. D.+ 5°2248	9	48 55.66	+ 0.54	+11.18	326 25 55.68	43.318	+ 4.76	− 40.0	9 49 7.38	− 1.69	+ 5 23 38.2	+15.3
40	B. D.+19°2284	9	51 54.61	+ 0.57	+11.18	340 45 56.70	44.958	+ 4.76	− 21.0	9 52 6.36	− 1.66	+19 44 35.4	+12.7
41	B. D.+15°2141	9	52 48.58	+ 0.56	+11.18	336 41 56.15	45.128	+ 4.76	− 26.0	9 53 0.32	− 1.67	+15 40 34.0	+13.4
42	B. D.+ 9°2280	9	55 45.57	+ 0.55	+11.18	330 25 55.82	45.412	+ 4.76	− 34.2	9 55 57.30	− 1.69	+ 9 24 32.0	+14.5
43	B. D.+ 8°2316	9	59 50.22	+ 0.55	+11.18	329 29 55.85	41.875	+ 4.76	− 35.5	10 0 1.95	− 1.70	+ 8 27 9.9	+14.6
44	η Leonis	9	1 55.96	+ 0.57	**+11.12**	338 13 55.48	47.952	+ 4.76	− 24.0	10 2 7.71	....	+17 13 39.9	....
45	α Leonis	8	3 5.66	+ 0.56	**+11.15**	333 27 56.18	43.790	+ 4.76	− 30.1	10 3 17.40	....	+12 25 59.4	....
46	d Leonis	9	55 26.29	+ 0.54	**+11.19**	325 9 55.02	43.745	+ 4.76	− 42.1	10 55 38.01	....	+ 4 7 45.2	....
47	χ Leonis	9	59 54.03	+ 0.55	**+11.17**	328 51 55.32	47.010	+ 4.76	− 36.5	11 0 5.76	....	+ 7 51 5.8	....
48	B. D.− 1°2488	8	3 12.91	+ 0.53	+11.18	319 37 55.02	46.872	+ 4.76	− 51.4	11 3 24.62	− 1.86	− 1 23 12.5	+14.2
49	B. D.+ 0°2761	9	8 40.90	+ 0.53	+11.18	321 27 55.28	47.145	+ 4.76	− 48.1	11 8 52.61	− 1.85	+ 0 26 57.2	+13.9
50	n Leonis	9	10 40.68	+ 0.56	+11.18	334 51 55.62	42.945	+ 4.76	− 28.4	11 10 52.42	− 1.76	+13 49 41.2	+13.0
51	B. D.− 0°2428 (*fol.*)	9	14 19.73	+ 0.53	+11.18	319 53 55.75	45.380	+ 4.76	− 50.9	11 14 31.44	− 1.86	− 1 7 45.4	+13.8
52	B. D.+ 9°2482	9	16 42.01	+ 0.55	+11.18	330 43 55.40	42.712	+ 4.76	− 33.9	11 16 53.74	− 1.78	+ 9 41 30.2	+13.2
53	B. D.+12°2335	9	19 50.26	+ 0.56	+11.18	332 59 54.82	41.958	+ 4.76	− 30.8	11 20 2.00	− 1.78	+11 57 15.5	+13.0
54	B. D.− 0°2442	9	22 49.56	+ 0.53	+11.18	319 51 54.70	43.475	+ 4.76	− 51.0	11 23 1.27	− 1.87	− 1 10 30.1	+13.5
55	e Leonis	9	25 14.79	+ 0.53	+11.18	318 33 56.28	43.215	+ 4.76	− 53.4	11 25 26.50	− 1.88	− 2 28 36.9	+13.4
56	B. D.+ 4°2492	9	28 18.72	+ 0.54	+11.18	325 41 56.70	43.425	+ 4.76	− 41.3	11 28 30.44	− 1.82	+ 4 39 40.1	+13.2
57	B. D.+11°2372	9	29 1.58	+ 0.56	+11.18	332 35 54.80	41.535	+ 4.76	− 31.4	11 29 13.32	− 1.78	+11 33 5.5	+12.8
58	B. D.− 1°2546	9	33 19.99	+ 0.53	+11.18	319 7 55.45	43.585	+ 4.76	− 52.4	11 33 31.70	− 1.88	− 1 54 28.3	+13.1
59	B. D.− 4°3120	9	35 47.88	+ 0.52	+11.18	316 21 53.85	44.728	+ 4.76	− 57.7	11 35 59.58	− 1.91	− 4 40 9.0	+13.0
60	ν Virginis	9	40 45.62	+ 0.55	+11.18	328 5 54.52	43.842	+ 4.76	− 37.7	11 40 57.35	− 1.81	+ 7 3 51.3	+12.8
61	B. D.+ 5°2545	9	44 1.98	+ 0.54	+11.18	326 45 55.42	41.800	+ 4.76	− 39.7	11 44 13.70	− 1.82	+ 5 43 3.6	+12.7
62	B. D.+ 1°2624	9	48 45.59	+ 0.54	+11.18	322 5 55.50	47.182	+ 4.76	− 47.1	11 48 57.31	− 1.85	+ 1 4 59.3	+12.6

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
16 7 37	30.07	35.0	34.8	11, 14, 34, 36, 40, 56. Bisections at I, II.					
8 4	.....	....	34.2	15, 57. Bisections at VI, VII.					
8 29	[illegible]	33.9	33.9	31, 48, 59. Bisections at II, VII.					
8 49	.....	....	33.9						
9 13	30.10	33.3	33.8						
9 39	.....	....	33.2						
10 6	30.11	33.0	33.0						
10 53	30.12	32.4	32.0	Notes.					
11 18	.....	....	32.1	1–3. Images poor and unsteady.					
11 45	30.13	31.9	31.4	34. One microscope reading decreased 10″.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.– 4°3162........	9	50 22.02	+ 0.52	+11.18	316 25 54.85	44.600	+ 4.76	– 57.6	11 50 33.72	– 1.91	– 4 36 10.9	+12.4
2	B. D.+ 1°2636........	9	53 58.84	+ 0.54	+11.18	322 5 55.98	43.738	+ 4.76	– 47.2	11 54 10.56	– 1.85	+ 1 3 41.0	+12.3
3	B. D.+ 0°2880........	9	56 52.33	+ 0.53	+11.18	321 39 53.60	44.820	+ 4.76	– 47.9	11 57 4.04	– 1.80	+ 0 38 2.6	+12.2
4	B. D.– 2°3460........	8	0 55.00	+ 0.53	+11.18	318 25 56.18	44.970	+ 4.76	– 53.8	12 1 6.71	– 1.88	– 2 35 57.5	+12.0
5	B. D.– 5°3424........	9	2 9.99	+ 0.52	+11.18	314 47 54.45	45.075	+ 4.76	–1 1.0	12 2 21.69	– 1.93	– 6 14 3.8	+11.8
6	B. D.+ 6°2559........	9	4 59.92	+ 0.55	+11.18	327 21 54.58	44.972	+ 4.76	– 38.8	12 5 11.65	– 1.80	+ 6 20 16.1	+12.1
7	B. D.+ 3°2616........	9	8 51.66	+ 0.54	+11.18	323 49 54.58	43.188	+ 4.76	– 44.4	12 9 3.38	– 1.83	+ 2 47 29.8	+11.8
8	B. D.– 1°2639........	9	11 38.92	+ 0.53	+11.18	318 49 55.48	43.490	+ 4.76	– 53.1	12 11 50.63	– 1.88	– 2 12 31.1	+11.6
9	η Virginis................	8	14 49.79	+ 0.53	**+11.23**	320 53 53.20	44.300	+ 4.76	– 49.3	12 15 1.50	.....	– 0 8 11.0	....
10	B. D.– 4°3268........	9	18 9.37	+ 0.52	+11.18	316 35 54.82	43.360	+ 4.76	– 57.4	12 18 21.07	– 1.90	– 4 26 39.0	+11.2
11	B. D.– 2°3519........	9	21 54.36	+ 0.53	+11.18	318 1 54.90	44.405	+ 4.76	– 54.6	12 22 6.07	– 1.88	– 3 0 12.3	+11.1
12	B. D.– 6°3583........	9	24 58.93	+ 0.52	+11.18	314 33 54.30	45.885	+ 4.76	–1 1.6	12 25 10.63	– 1.92	– 6 27 46.1	+10.7
13	B. D.– 8°3372........	8	28 39.68	+ 0.51	+11.18	312 5 54.22	46.788	+ 4.76	–1 7.1	12 28 51.37	– 1.95	– 8 55 31.0	+10.3
14	B. D.+ 4°2631........	9	33 0.88	+ 0.54	+11.18	324 49 55.52	45.675	+ 4.76	– 42.8	12 33 12.60	– 1.80	+ 3 48 28.9	+11.1
15	B. D.– 2°3552........	9	34 47.93	+ 0.53	+11.18	318 29 55.55	43.662	+ 4.76	– 53.7	12 34 59.64	– 1.86	– 2 32 27.7	+10.6
16	γ Virginis (*pr.*)...........	9	36 37.74	+ 0.53	+11.18	320 5 55.15	46.090	+ 4.76	– 50.8	12 36 49.45	.....	– 0 55 29.7	....
17	B. D.–11°3366	9	42 33.21	+ 0.50	+11.18	308 57 53.55	47.480	+ 4.76	–1 15.0	12 42 44.89	– 1.98	–12 3 23.7	+ 9.3
18	B. D.– 9°3569........	9	46 13.35	+ 0.51	+11.18	311 11 53.35	48.030	+ 4.76	–1 9.3	12 46 25.04	– 1.94	– 9 49 5.7	+ 9.3
19	B. D.–10°3570........	9	49 9.01	+ 0.50	+11.18	309 53 54.10	46.265	+ 4.76	–1 12.6	12 49 20.69	– 1.96	–11 7 48.6	+ 9.0
20	B. D.– 1°2745........	8	52 29.22	+ 0.53	+11.18	318 47 55.12	43.310	+ 4.76	– 53.2	12 52 40.93	– 1.83	– 2 14 35.7	+ 9.8
21	B. D.–10°3592........	9	56 12.71	+ 0.51	+11.18	310 23 53.30	44.490	+ 4.76	–1 11.3	12 56 24.40	– 1.94	–10 38 28.6	+ 8.7
22	B. D.+ 1°2786........	9	59 40.39	+ 0.54	+11.18	321 49 53.15	46.370	+ 4.76	– 47.7	12 59 52.11	– 1.79	+ 0 48 37.8	+ 9.8
23	B. D.– 9°3628........	9	2 42.21	+ 0.51	+11.18	310 47 53.12	46.330	+ 4.76	–1 10.3	13 2 53.90	– 1.92	–10 13 45.7	+ 8.3
24	B. D.+ 0°3030........	9	5 38.13	+ 0.53	+11.18	321 5 54.95	48.370	+ 4.76	– 49.0	13 5 49.84	– 1.78	+ 0 5 24.0	+ 9.5
25	B. D.– 8°3514........	9	9 32.24	+ 0.51	+11.18	311 57 54.20	48.255	+ 4.76	–1 7.5	13 9 43.93	– 1.89	– 9 2 57.9	+ 8.2
26	B. D.–14°3683........	9	12 15.93	+ 0.49	+11.18	305 59 54.22	44.865	+ 4.76	–1 23.5	13 12 27.60	– 1.98	–15 2 31.3	+ 7.1
27	B. D.– 6°3788........	9	15 24.55	+ 0.52	+11.18	314 1 55.18	48.280	+ 4.76	–1 2.8	13 15 36.25	– 1.85	– 6 58 51.6	+ 8.2
28	α Virginis................	9	19 58.31	+ 0.51	**+11.18**	310 21 52.30	46.488	+ 4.76	–1 11.4	13 20 10.00	.....	–10 39 44.1	....
29	ζ Virginis................	9	29 38.10	+ 0.53	**+11.16**	320 55 54.48	43.550	+ 4.76	– 49.4	13 29 49.81	.....	– 0 6 27.0	....
	March 16, R.												
30	γ Scorpii.................	9	58 17.13	+ 0.48	+11.12	296 7 54.70	47.285	+ 4.92	–2 3.5	14 58 28.73	.....	–24 54 15.3	....
31	57 B. Ursæ Minoris.......	8	7 52.10	+ 0.81	+11.12	48 36 0.30	44.588	+ 4.92	+1 9.3	15 8 4.03	.....	+87 36 1.3	....
32	η Coronæ Borealis.......	6	19 3.71	+ 0.63	+11.12	351 39 57.35	42.530	+ 4.92	– 8.9	15 19 15.46	.....	+30 37 53.3	....
33	γ Libræ...................	9	29 59.11	+ 0.53	**+11.13**	306 33 53.58	45.782	+ 4.92	–1 22.0	15 30 10.76	.....	–14 28 9.3	....
34	ζ Coronæ Borealis (*fol.*)..	9	35 35.04	+ 0.64	+11.12	357 57 57.95	44.242	+ 4.92	– 2.1	15 35 46.80	– 1.03	+36 56 39.6	+11.4
35	ζ Ursæ Minoris.........	9	47 17.57	+ 0.72	+11.12	39 5 59.90	43.395	+ 4.92	+ 49.8	15 47 29.41	.....	+78 5 13.5	....
36	θ Draconis...............	9	59 54.41	+ 0.68	+11.12	19 49 57.12	44.352	+ 4.92	+ 22.1	16 0 6.21	.....	+58 49 5.3	....
37	87 B. Draconis............	9	5 52.51	+ 0.69	+11.12	29 3 58.90	45.108	+ 4.92	+ 34.1	16 6 4.32	.....	+68 3 36.2	....
38	σ^2 Coronæ Borealis.......	5	10 54.19	+ 0.63	+11.12	355 7 56.55	42.520	+ 4.92	– 5.2	16 11 5.94	.....	+34 5 55.9	....
39	γ Herculis...............	9	17 30.31	+ 0.61	**+11.13**	340 23 56.48	44.965	+ 4.92	– 21.7	16 17 42.04	.....	+19 22 35.1	....
40	α Scorpii.................	9	23 20.87	+ 0.48	+11.12	294 49 53.10	45.620	+ 4.92	–2 11.2	16 23 32.47	.....	–26 13 2.7	....
41	ζ Ophiuchi...............	9	31 41.71	+ 0.54	**+11.16**	310 39 52.62	44.802	+ 4.92	–1 11.0	16 31 53.37	.....	–10 22 21.7	....
42	42 Herculis...............	5	35 57.36	+ 0.66	+11.12	10 7 58.28	44.008	+ 4.92	+ 11.0	16 36 9.14	– 0.65	+49 6 47.8	+12.2
43	114 B. Draconis............	9	43 17.27	+ 0.68	+11.12	17 57 59.05	44.198	+ 4.92	+ 19.9	16 43 29.07	.....	+56 57 1.6	....
44	κ Ophiuchi...............	9	52 56.59	+ 0.59	**+11.09**	330 31 54.92	47.695	+ 4.92	– 34.5	16 53 8.30	.....	+ 9 31 23.1	....
45	d Herculis...............	9	57 52.59	+ 0.63	+11.12	354 43 56.92	43.425	+ 4.92	– 5.6	16 58 4.34	.....	+33 42 16.4	....
46	η Ophiuchi...............	9	4 41.54	+ 0.53	**+11.17**	305 25 54.22	45.545	+ 4.92	–1 25.7	17 4 53.19	.....	–15 36 17.8	....
47	Venus II, C............	9	59 55.00	+ 0.55	+11.10	307 51 54.42	46.991	+ 5.35	–1 17.3	22 0 6.65	– 0.42	–13 9 35.7	....
	March 17, R.												
48	Sun I, S...............	9	46 37.01	+ 0.57	+11.10	319 25 55.55	47.528	+ 5.15	– 51.1	23 46 48.68	+64.56	– 1 34 56.3	....
49	Sun II, N..............	9	48 46.14	+ 0.57	+11.10	319 57 55.82	47.930	+ 5.15	– 50.1	23 48 57.81	–64.57	– 1 2 46.0	....
	March 18, Br.												
50	Sun I..................	9	50 16.17	+ 0.55	+10.99	320 6	......	....	. ....	23 50 27.71	+64.53	.. ..	....
51	Sun II.................	5	52 25.24	+ 0.55	+10.99	... .	....	....	. ....	23 52 36.78	–64.54	.. ..	....
52	∂ Ursæ Minoris s. P.	9	2 59.11	– 0.08	+10.97	54 23 58.32	42.512	+ 4.79	+1 20.7	18 3 10.00	.....	+86 36 36.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 12 13	......	....	30.5
12 38	30.14	30.1	30.1
13 4	......	....	29.8
13 31	30.14	29.2	29.3
14 58	30.15	29.2	29.0
15 25	......	....	28.8
15 53	30.165	29.0	28.1
16 21	......	....	28.1
16 41	......	....	28.2
16 49	30.175	28.4	....
17 9	30.18	28.3	27.9
22 0	30.21	37.6	35.0
17 23 49	30.19	40.1	38.9
18 5 57	29.71	47.9	48.0

Micrometer bisections are made at II, VI, except as noted below.

4, 14, 48. Bisections at I, II.
9, 20, 23, 27, 33. Bisections at II, VII.
31. Bisections at b_4, b_5, b_6.
32, 38, 42, 49. Bisections at VI, VII.
47. Bisections at I, II, VI, VII.
52. Bisections at III, IV, V.

Note.

40. Diffuse and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
47	+ 5.0	.. ...	– 0.1	+.. 4.9
48	+ 5.7	+16 5.1	...	+16 10.8
49	+ 5.6	–16 5.1	...	–15 59.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*S* Monocerotis	9	35 30.87	+ 0.53	**+11.00**	330 59 56.92	46.135	+ 4.79	− 32.1	6 35 42.37	.....	+ 9 58 51.8	....
2	ξ Geminorum	9	39 43.55	+ 0.53	**+10.98**	333 59 56.38	48.352	+ 4.79	− 28.2	6 39 55.05	.....	+12 59 45.8	....
3	ψ^7 Aurigæ	9	43 48.32	+ 0.60	+10.97	2 53 57.45	46.650	+ 4.79	+ 3.0	6 43 59.89	− 1.14	+41 53 39.2	+ 3.1
4	51 H Cephei	9	55 41.06	+ 1.44	+10.97	48 12 0.62	45.267	+ 4.79	+1 5.1	6 55 53.47	.....	+87 12 12.3	....
5	λ Geminorum	9	12 24.20	+ 0.54	**+10.99**	337 43 55.52	45.260	+ 4.79	− 23.8	7 12 35.71	.....	+16 42 38.7	....
6	ι Geminorum	9	19 35.62	+ 0.56	**+10.97**	348 59 57.62	46.142	+ 4.79	− 11.2	7 19 47.15	.....	+27 59 13.5	....
7	ο Geminorum	9	32 43.80	+ 0.58	+10.97	355 49 56.02	43.205	+ 4.79	− 4.2	7 32 55.35	− 1.29	+34 48 11.7	+ 6.6
8	κ Geminorum	9	38 28.97	+ 0.56	**+10.96**	345 37 56.50	47.272	+ 4.79	− 14.8	7 38 40.50	.....	+24 37 34.6	....
9	φ Geminorum	9	47 27.19	+ 0.56	**+10.99**	348 1 58.05	44.908	+ 4.79	− 12.3	7 47 38.72	.....	+27 0 44.6	....
10	χ Geminorum	9	57 27.25	+ 0.56	**+11.00**	349 3 57.60	47.400	+ 4.79	− 11.2	7 57 38.78	.....	+28 3 42.2	....
11	ψ Cancri	9	4 30.16	+ 0.56	+10.97	346 49 55.30	42.568	+ 4.79	− 13.6	8 4 41.69	− 1.35	+25 47 47.1	+10.0
12	β Cancri	9	11 8.46	+ 0.52	**+10.97**	330 29 55.20	45.738	+ 4.79	− 32.9	8 11 19.95	.....	+ 9 28 40.2	....
13	d^1 Cancri	9	17 41.97	+ 0.55	+10.97	339 39 55.88	44.095	+ 4.79	− 21.6	8 17 53.49	.....	+18 38 14.6	....
14	29 Cancri	9	23 5.83	+ 0.54	+10.97	335 33 55.60	42.438	+ 4.79	− 26.5	8 23 17.34	− 1.38	+14 31 31.6	+13.5
15	27 B. Ursæ Majoris	9	32 1.29	+ 0.63	+10.97	14 4	......	....	. ....	8 32 12.89	− 1.77	+53 3	....
16	γ Pyxidis	9	46 17.81	+ 0.39	+10.96	293 41 53.72	44.168	+ 4.79	−2 12.1	8 46 29.16	− 1.69	−27 21 36.2	+22.6
17	44 B. Ursæ Majoris	9	56 48.99	+ 0.64	+10.96	15 41 58.58	40.977	+ 4.79	+ 16.5	8 57 0.59	− 1.89	+54 39 44.1	+ 3.1
18	κ Cancri	9	2 22.93	+ 0.53	**+11.01**	332 3 55.05	46.660	+ 4.79	− 30.9	9 2 34.41	.....	+11 3 3.1	....
19	36 Lyncis	9	7 21.96	+ 0.60	+10.96	4 37 57.40	44.225	+ 4.79	+ 4.8	9 7 33.52	− 1.70	+43 36 45.5	+ 6.2
20	83 Cancri	9	13 27.57	+ 0.55	**+10.96**	339 7 56.45	44.922	+ 4.79	− 22.2	9 13 39.08	.....	+18 6 33.5	....
	March 18, M.												
21	ι Libræ	9	6 35.06	+ 0.43	**+11.05**	301 35 53.72	47.554	+ 4.58	−1 35.2	15 6 46.54	.....	−19 25 42.2	....
22	η Coronæ Borealis	9	19 3.93	+ 0.58	+11.05	351 39 56.42	42.582	+ 4.58	− 8.6	15 19 15.56	.....	+30 37 53.3	....
23	β Coronæ Borealis	9	23 41.83	+ 0.58	**+11.05**	350 25 55.48	48.319	+ 4.58	− 9.9	15 23 53.46	.....	+29 26 2.1	....
24	γ Libræ	9	29 59.31	+ 0.46	**+11.05**	306 33 53.15	45.660	+ 4.58	−1 19.2	15 30 10.82	.....	−14 28 10.1	....
25	α Serpentis	9	39 22.03	+ 0.53	**+11.04**	327 43 54.08	48.338	+ 4.58	− 37.1	15 39 33.61	.....	+ 6 43 34.1	....
26	ζ Ursæ Minoris	9	47 17.71	+ 0.85	+11.05	39 5 59.75	43.502	+ 4.58	+ 48.1	15 47 29.61	.....	+78 5 14.2	....
27	ε Coronæ Borealis	9	53 26.26	+ 0.58	**+10.97**	348 9 57.80	46.101	+ 4.58	− 12.3	15 53 37.89	.....	+27 9 11.4	....
28	θ Draconis	9	59 54.56	+ 0.68	+11.05	19 49 57.00	44.424	+ 4.58	+ 21.4	16 0 6.29	.....	+58 49 5.9	....
29	87 B. Draconis	9	5 52.69	+ 0.72	+11.05	29 3 59.00	45.150	+ 4.58	+ 32.9	16 6 4.46	.....	+68 3 36.0	....
30	σ^2 Coronæ Borealis	9	10 54.40	+ 0.59	+11.04	355 7 57.50	42.522	+ 4.58	− 5.0	16 11 6.03	.....	+34 5 56.6	....
31	τ Herculis	9	16 40.53	+ 0.62	+11.04	7 33 58.62	42.938	+ 4.58	+ 7.9	16 16 52.19	.....	+46 32 20.0	....
32	α Scorpii	9	23 21.13	+ 0.40	+11.04	294 49 51.22	45.509	+ 4.58	−2 6.9	16 23 32.57	.....	−26 13 3.1	....
33	34 Herculis	9	27 16.93	+ 0.63	+11.04	10 11 58.70	41.942	+ 4.58	+ 10.7	16 27 28.60	− 0.77	+49 10 0.2	+12.1
34	42 Herculis	9	35 57.51	+ 0.63	+11.04	10 7 57.90	44.018	+ 4.58	+ 10.7	16 36 9.18	− 0.73	+49 6 47.0	+12.1
35	114 B. Draconis	8	43 17.38	+ 0.67	+11.04	17 57 58.52	44.275	+ 4.58	+ 19.3	16 43 29.09	.....	+56 57 2.0	....
36	49 Herculis	9	47 31.88	+ 0.55	+11.04	336 9 54.58	43.768	+ 4.58	− 26.1	16 47 43.47	.....	+15 8 1.1	....
37	κ Ophiuchi	9	52 56.76	+ 0.53	**+11.03**	330 31 56.32	47.620	+ 4.58	− 33.4	16 53 8.33	.....	+ 9 31 23.6	....
38	*d* Herculis	9	57 52.81	+ 0.59	+11.04	354 43 57.28	43.400	+ 4.58	− 5.4	16 58 4.44	.....	+33 42 16.0	....
39	η Ophiuchi	9	4 41.91	+ 0.45	**+10.94**	305 25 52.88	45.504	+ 4.58	−1 23.0	17 4 53.40	.....	−15 36 17.7	....
40	*A* Ophiuchi (*mean*)	9	9 16.18	+ 0.40	+11.04	294 35 53.30	44.184	+ 4.58	−2 8.6	17 9 27.62	.....	−26 27 33.0	....
41	Venus II, C	9	9 26.92	+ 0.43	+11.04	308 39 51.40	44.402	+ 4.79	−1 12.4	22 9 38.39	− 0.41	−12 22 33.6	....
42	Mercury C, C	9	32 34.54	+ 0.45	+11.04	315 59 52.92	44.882	+ 4.79	− 55.4	23 32 46.03	0.00	− 5 2 4.1	....
	March 19, M.												
43	Sun I, S	9	53 55.13	+ 0.47	+11.04	320 13 51.28	46.130	+ 5.38	− 47.6	23 54 6.64	+64.45	− 0 47 28.8	....
44	Sun II, N	9	56 4.03	+ 0.47	+11.04	320 45 49.38	46.435	+ 5.38	− 46.7	23 56 15.54	−64.45	− 0 15 23.0	....
	March 22, Ei.-Y.												
45	β Geminorum	9	39 16.22	+ 0.53	**+11.06**	349 15 59.95	46.418	+ 5.44	− 10.9	7 39 27.76	.....	+28 15 23.0	....
46	φ Geminorum	9	47 27.13	+ 0.52	**+11.02**	348 2 0.25	44.795	+ 5.44	− 12.2	7 47 38.66	.....	+27 0 44.7	....
47	B. D.+21°1714	9	48 23.89	+ 0.51	+11.01	342 21 58.75	46.195	+ 5.44	− 18.3	7 48 35.41	− 1.20	+21 21 9.4	+11.1
48	B. D.+23°1866	9	55 6.62	+ 0.51	+11.01	344 51 59.28	44.802	+ 5.44	− 15.6	7 55 18.14	− 1.24	+23 50 40.8	+10.4
49	χ Geminorum	9	57 27.14	+ 0.53	**+11.07**	349 3 59.48	47.300	+ 5.44	− 11.1	7 57 38.68	.....	+28 3 42.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 6 36	......	....	46.3
7 12	29.735	45.1	45.2
7 57	29.74	44.1	44.1
8 23	......	....	43.4
8 57	......	....	43.0
9 7	......	....	42.8
9 13	29.75	42.9	42.6
15 7	29.74	39.6	39.2
15 33	......	....	38.8
16 4	......	....	37.5
16 43	......	....	36.5
17 9	29.75	37.0	36.1
22 9	29.80	47.2	*47.0
23 33	29.755	49.7	51.0
19 23 56	29.74	50.8	52.0
22 7 38	29.75	47.7	47.7
7 59	......	....	47.8

Micrometer bisections are made at II, VI, except as noted below.

3, 19, 26, 29, 35.	Bisections at III, V.
4, 17.	Bisections at III, IV, V.
16, 21, 23–25, 27, 31, 32, 36–42.	Bisections at I, II, VI, VII.
28.	Bisections at II, III, V, VI.
34, 44.	Bisections at VI, VII.
43, 46.	Bisections at I, II.
49.	Bisections at II, VII.

Notes.

4-11. Clouds.

32. Hazy.

* Thermometer reading changed from 42°.0 to 47°.0.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
41	+ 4.8	.. ...	− 0.1	+ 4.7
42	+ 4.5	.. ...	0.0	+ 4.5
43	+ 5.6	+16 2.8	...	+16 8.4
44	+ 5.5	−16 2.9	...	−15 57.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+22°1854	9	0 44.22	+ 0.51	+11.01	343 45 58.55	42.575	+ 5.44	− 16.8	8 0 55.74	− 1.26	+22 43 47.9	+10.8
2	B. D.+16°1642	9	2 29.59	+ 0.49	+11.01	337 43 58.10	41.975	+ 5.44	− 23.7	8 2 41.09	− 1.24	+16 41 26.9	+12.3
3	B. D.+25°1880	9	8 48.42	+ 0.52	+11.01	346 2 0.58	46.620	+ 5.44	− 14.3	8 8 59.95	− 1.29	+25 1 24.9	+10.1
4	β Cancri	9	11 8.47	+ 0.46	**+10.96**	330 29 57.00	45.590	+ 5.44	− 32.7	8 11 19.94	....	+ 9 28 39.4	....
5	B. D.+24°1909	9	14 39.53	+ 0.51	+11.01	345 19 59.22	46.535	+ 5.44	− 15.1	8 14 51.05	− 1.32	+24 19 20.8	+10.4
6	B. D.+16°1704	9	16 56.07	+ 0.49	+11.01	337 29 57.70	43.330	+ 5.44	− 23.9	8 17 7.57	− 1.30	+16 27 57.3	+12.9
7	B. D.+13°1912	9	21 15.26	+ 0.48	+11.01	333 59 58.58	43.820	+ 5.44	− 28.2	8 21 26.75	− 1.32	+12 58 5.1	+14.0
8	B. D.+24°1946	9	27 9.63	+ 0.52	+11.01	345 25 59.62	44.432	+ 5.44	− 15.0	8 27 21.16	− 1.36	+24 24 33.3	+10.5
9	B. D.+13°1972	9	37 44.93	+ 0.48	+11.01	334 1 58.55	47.050	+ 5.44	− 28.1	8 37 56.42	− 1.38	+13 1 19.0	+14.0
10	ι Cancri	9	40 43.31	+ 0.53	**+11.04**	350 7 59.78	44.195	+ 5.44	− 10.0	8 40 54.85	....	+29 6 33.0	....
11	B. D.+16°1833	9	45 38.39	+ 0.49	+11.01	337 21 57.62	46.750	+ 5.44	− 24.1	8 45 49.89	− 1.41	+16 21 15.2	+13.0
12	B. D.+20°2232	9	48 15.85	+ 0.50	+11.01	341 21 59.32	42.270	+ 5.44	− 19.5	8 48 27.36	− 1.43	+20 19 39.1	+11.9
13	60 Cancri	9	50 31.08	+ 0.47	+11.01	332 59 57.85	47.218	+ 5.44	− 29.4	8 50 42.56	− 1.43	+11 59 20.8	+14.2
14	B. D.+18°2093	9	53 35.48	+ 0.50	+11.01	339 31 58.82	44.175	+ 5.44	− 21.5	8 53 46.99	− 1.44	+18 30 20.1	+12.4
15	B. D.+18°2114	9	58 47.18	+ 0.50	+11.01	339 39 58.42	46.950	+ 5.44	− 21.4	8 58 58.69	− 1.46	+18 39 23.2	+12.4
16	B. D.+12°1979	9	4 23.44	+ 0.47	+11.01	332 59 56.18	41.368	+ 5.44	− 29.4	9 4 34.92	− 1.48	+11 57 5.5	+14.2
17	B. D.+15°2003	9	6 52.46	+ 0.48	+11.01	336 23 57.95	45.548	+ 5.44	− 25.2	9 7 3.95	− 1.48	+15 22 46.9	+13.3
18	B. D.+13°2066	8	11 56.84	+ 0.48	+11.01	334 29 57.75	45.637	+ 5.44	− 27.5	9 12 8.33	− 1.50	+13 28 46.5	+13.8
19	B. D.+15°2027	9	15 47.49	+ 0.49	+11.01	336 47 58.90	44.825	+ 5.44	− 24.7	9 15 58.99	− 1.52	+15 46 31.9	+13.2
20	B. D.+ 8°2226	9	23 12.66	+ 0.46	+11.01	329 37 57.92	44.432	+ 5.44	− 33.8	9 23 24.13	− 1.55	+ 8 36 12.8	+14.9
21	B. D.+20°2332	9	26 10.41	+ 0.50	+11.01	341 27 58.85	42.332	+ 5.44	− 19.3	9 26 21.92	− 1.54	+20 25 40.4	+12.0
22	B. D.+15°2077	9	30 28.31	+ 0.48	+11.01	335 49 57.88	44.265	+ 5.44	− 25.9	9 30 39.80	− 1.56	+14 48 16.8	+13.4
23	B. D.+15°2087	9	32 37.13	+ 0.48	+11.01	335 47 57.78	45.270	+ 5.44	− 25.9	9 32 48.62	− 1.57	+14 46 39.7	+13.4
24	ο Leonis	9	35 51.86	+ 0.47	**+10.98**	331 19 56.98	47.800	+ 5.44	− 31.5	9 36 3.34	....	+10 19 31.1	....
25	ε Leonis	9	40 14.38	+ 0.51	**+10.97**	345 13 59.62	45.145	+ 5.44	− 15.2	9 40 25.90	....	+24 12 49.3	....
26	B. D.+12°2105	9	45 29.62	+ 0.47	+11.01	333 19 56.78	41.685	+ 5.44	− 29.0	9 45 41.10	− 1.61	+12 17 13.7	+13.9
	March 22, M.												
27	57 B. Ursæ Minoris	9	7 52.56	+ 2.23	+10.96	48 36 3.08	44.726	+ 5.65	+1 5.2	15 8 5.75	....	+87 36 3.3	....
28	η Coronæ Borealis	9	19 4.13	+ 0.51	+10.96	351 40 0.78	42.365	+ 5.65	− 8.4	15 19 15.60	....	+30 37 53.9	....
29	β Coronæ Borealis	9	23 42.01	+ 0.50	**+11.05**	350 25 59.50	48.095	+ 5.65	− 9.6	15 23 53.47	....	+29 26 2.4	....
30	γ Libræ	9	29 59.61	+ 0.36	**+10.95**	306 33 56.62	45.320	+ 5.65	−1 17.1	15 30 10.93	....	−14 28 11.2	....
31	ζ Coronæ Borealis (*fol.*)	9	35 35.43	+ 0.53	+10.96	357 58 0.10	44.128	+ 5.65	− 2.0	15 35 46.92	− 1.19	+36 56 40.0	+10.6
32	α Serpentis	9	39 22.29	+ 0.44	**+10.97**	327 43 56.02	48.165	+ 5.65	− 36.2	15 39 33.69	....	+ 6 43 34.0	....
33	ζ Ursæ Minoris	9	47 17.98	+ 0.87	+10.96	39 6 3.25	43.420	+ 5.65	+ 46.8	15 47 29.81	....	+78 5 15.6	....
34	ε Coronæ Borealis	9	53 26.47	+ 0.50	**+10.94**	348 9 59.45	45.970	+ 5.65	− 12.0	15 53 37.93	....	+27 9 11.4	....
35	151 H^1. Cephei s. P.	9	6 3.33	− 0.34	+10.96	55 42 1.88	43.146	+ 5.65	+1 24.4	4 6 13.95	....	+85 18 13.9	....
36	ε Ophiuchi	9	13 4.37	+ 0.40	**+11.00**	316 33 57.20	46.022	+ 5.65	− 54.4	16 13 15.73	....	− 4 27 31.9	....
37	γ Herculis	9	17 30.73	+ 0.48	**+11.00**	340 23 58.32	44.852	+ 5.65	− 20.5	16 17 42.17	....	+19 22 36.3	....
38	α Scorpii	9	23 21.49	+ 0.29	+10.96	294 49 55.72	45.122	+ 5.65	−2 3.7	16 23 32.14	....	−26 13 3.1	....
39	ζ Ophiuchi	9	31 42.27	+ 0.38	**+10.92**	310 39 54.82	44.512	+ 5.65	−1 7.0	16 31 53.61	....	−10 22 21.4	....
40	114 B. Draconis	6	43 17.67	+ 0.62	+10.96	17 58 0.92	44.178	+ 5.65	+ 18.8	16 43 29.25	....	+56 57 2.4	....
41	κ Ophiuchi	9	52 57.07	+ 0.45	**+10.91**	330 31 58.65	47.418	+ 5.65	− 32.5	16 53 8.48	....	+ 9 31 23.3	....
42	d Herculis	9	57 53.10	+ 0.52	+10.96	354 43 59.58	43.245	+ 5.65	− 5.3	16 58 4.58	....	+33 42 16.0	....
43	η Ophiuchi	9	4 42.21	+ 0.35	**+10.86**	305 25 56.18	45.191	+ 5.65	−1 20.8	17 4 53.52	....	−15 36 18.3	....
44	A Ophiuchi (*mean*)	9	9 16.56	+ 0.29	+10.96	294 35 55.22	43.850	+ 5.65	−2 5.2	17 9 27.81	....	−26 27 34.3	....
	March 23, Ei.-Y.												
45	β Geminorum	9	39 16.29	+ 0.49	**+11.01**	349 15 52.18	46.818	+ 4.58	− 11.0	7 39 27.77	....	+28 15 23.5	....
46	φ Geminorum	9	47 27.18	+ 0.48	**+11.00**	348 1 52.38	45.190	+ 4.58	− 12.3	7 47 38.65	....	+27 0 45.2	....
47	B. D.+20°1946	9	49 53.59	+ 0.46	+10.99	341 9 50.02	43.905	+ 4.58	− 19.8	7 50 5.04	− 1.18	+20 8 5.9	+11.5
48	ω^1 Cancri	9	54 57.22	+ 0.48	+10.99	346 39 50.32	46.550	+ 4.58	− 13.8	7 55 8.69	....	+25 39 12.7	....
49	B. D.+15°1734	9	57 7.43	+ 0.45	+10.99	336 13 49.80	46.005	+ 4.58	− 25.6	7 57 18.87	− 1.20	+15 12 47.9	+13.1
50	B. D.+23°1887	9	0 26.99	+ 0.47	+10.99	343 55 50.12	44.678	+ 4.58	− 16.8	8 0 38.45	− 1.24	+22 54 26.7	+10.7
51	B. D.+19°1934	9	2 25.24	+ 0.46	+10.99	340 31 51.02	42.625	+ 4.58	− 20.6	8 2 36.69	− 1.23	+19 29 36.9	+11.8
52	B. D.+16°1657	9	5 59.68	+ 0.45	+10.99	337 31 49.58	43.745	+ 4.58	− 24.1	8 6 11.12	− 1.24	+16 29 57.6	+12.8
53	B. D.+19°1963	9	10 16.78	+ 0.46	+10.99	339 59 49.85	46.560	+ 4.58	− 21.2	8 10 28.23	− 1.27	+18 59 5.1	+12.0
54	B. D.+22°1915	9	15 40.20	+ 0.47	+10.99	343 13 49.80	45.385	+ 4.58	− 17.5	8 15 51.66	− 1.30	+22 12 41.9	+11.1
55	B. D.+20°2079	9	19 5.37	+ 0.46	+10.99	341 29 50.18	42.690	+ 4.58	− 19.5	8 19 16.82	− 1.31	+20 27 38.7	+11.6
56	B. D.+23°1960	9	21 35.99	+ 0.47	+10.99	344 29 49.58	43.250	+ 4.58	− 16.2	8 21 47.45	− 1.32	+23 27 54.1	+10.7
57	B. D.+22°1941	9	24 9.73	+ 0.47	+10.99	343 21 49.05	45.758	+ 4.58	− 17.4	8 24 21.19	− 1.33	+22 20 49.7	+11.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 8 18	29.75	48.0	47.7
8 45	......	....	47.4
9 8	29.73	48.0	47.8
9 20	......	....	48.0
9 47	29.75	48.4	48.0
15 1	29.69	49.2	50.9
15 36	......	....	50.8
15 58	29.71	49.5	50.2
16 23	......	....	49.0
17 14	29.75	48.5	48.8
23 7 37	30.105	49.9	50.0
8 7	......	....	49.4

Micrometer bisections are made at II, VI, except as noted below.

11, 25. Bisections at II, VII.
18. Bisections at II, VI, VII.
21. Bisections at VI, VII.
27. Bisections at b_1, b_2, b_5, b_8, b_9.
28–30, 32, 36, 37, 39, 41, 43, 44. Bisections at I, II, VI, VII.
33. Bisections at III, V.
35. Bisections at b_1, b_2, b_5, b_7, b_9.
38. Bisections at I, VI, VII.
40. Bisections at I, II, VI.

Notes.

8. Clouds.
27–44. Poor conditions.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	θ Cancri	9	25 57.27	+ 0.46	+10.99	339 25 51.58	46.222	+ 4.58	− 21.9	8 26 8.72	− 1.33	+18 24 58.4	+12.3
2	B. D.+13°1940	9	28 15.96	+ 0.44	+10.99	334 35 49.32	46.530	+ 4.58	− 27.7	8 28 27.39	− 1.33	+13 34 57.4	+13.8
3	B. D.+18°2191	9	31 1.28	+ 0.46	+10.99	339 49 50.65	43.520	+ 4.58	− 21.4	8 31 12.73	− 1.35	+18 47 55.9	+12.2
4	B. D.+20°2136	9	32 40.91	+ 0.46	+10.99	341 33 50.35	44.722	+ 4.58	− 19.4	8 32 52.36	− 1.36	+20 32 25.4	+11.7
5	B. D.+20°2150	9	34 10.28	+ 0.46	+10.99	340 53 50.72	45.205	+ 4.58	− 20.2	8 34 21.73	− 1.36	+19 52 36.0	+11.9
6	B. D.+16°1802	9	37 19.78	+ 0.45	+10.99	337 49 48.62	42.410	+ 4.58	− 23.8	8 37 31.22	− 1.37	+16 47 26.4	+12.9
7	B. D.+20°2207	9	40 9.04	+ 0.46	+10.99	341 23 50.42	44.195	+ 4.58	− 19.6	8 40 20.49	− 1.38	+20 22 12.9	+11.8
8	B. D.+12°1904	9	41 30.35	+ 0.44	+10.99	333 29 48.12	42.905	+ 4.58	− 29.1	8 41 41.78	− 1.38	+12 27 31.9	+14.1
9	θ Hydræ	9	9 12.42	+ 0.40	**+10.97**	323 43 48.78	47.110	+ 4.58	− 42.8	9 9 23.81	.....	+ 2 42 55.0	....
10	ε Leonis	9	40 14.43	+ 0.48	**+10.94**	345 13 51.18	45.582	+ 4.58	− 15.4	9 40 25.90	.....	+24 12 49.9	....
	March 23, R.												
11	57 B. Ursæ Minoris	8	7 52.95	+ 2.89	+10.93	48 35 59.65	44.765	+ 4.87	+1 7.5	15 8 6.77	.....	+87 36 2.8	....
12	ζ Ursæ Minoris	9	47 18.27	+ 0.98	+10.93	39 5 59.55	43.552	+ 4.87	+ 48.5	15 47 30.18	.....	+78 5 15.0	....
13	ε Coronæ Borealis	9	53 26.53	+ 0.49	**+10.92**	348 9 55.42	46.215	+ 4.87	− 12.4	15 53 37.95	.....	+27 9 11.8	....
14	151 H^1. Cephei s. p.	9	6 2.72	− 0.72	+10.93	55 41 59.20	43.130	+ 4.87	+1 27.4	4 6 12.93	.....	+85 18 15.0	....
15	α Scorpii	9	23 21.55	+ 0.26	+10.93	294 49 53.00	45.465	+ 4.87	−2 8.0	16 23 32.74	.....	−26 13 3.2	....
16	ζ Ophiuchi	9	31 42.32	+ 0.35	**+10.93**	310 39 52.68	44.722	+ 4.87	−1 9.3	16 31 53.60	.....	−10 22 21.8	....
17	ζ Herculis	9	37 29.62	+ 0.51	+10.93	352 47 57.18	43.975	+ 4.87	− 7.5	16 37 41.06	.....	+31 46 27.3	....
18	114 B. Draconis	9	43 17.81	+ 0.64	+10.93	17 57 59.12	44.230	+ 4.87	+ 19.4	16 43 29.38	.....	+56 57 1.8	....
19	53 Herculis	9	49 9.11	+ 0.51	+10.93	352 53 56.18	41.472	+ 4.87	− 7.4	16 49 20.55	− 0.91	+31 51 28.9	+ 9.0
20	κ Ophiuchi	9	52 57.09	+ 0.43	**+10.94**	330 31 54.85	47.642	+ 4.87	− 33.7	16 53 8.45	.....	+ 9 31 22.9	....
21	60 Herculis	9	0 45.18	+ 0.44	+10.93	333 53 55.15	44.558	+ 4.87	− 29.2	17 0 56.55	− 0.96	+12 52 16.7	+ 4.4
22	η Ophiuchi	8	4 42.20	+ 0.33	**+10.92**	305 25 53.40	45.505	+ 4.87	−1 23.6	17 4 53.46	.....	−15 36 17.5	....
23	α Herculis	8	10 5.72	+ 0.45	**+10.94**	335 29 55.20	48.710	+ 4.87	− 27.1	17 10 17.10	.....	+14 29 54.2	....
24	θ Ophiuchi	8	15 56.74	+ 0.27	+10.93	296 7 54.55	47.598	+ 4.87	−2 0.8	17 16 7.94	.....	−24 54 5.7	....
25	σ Ophiuchi	9	21 34.64	+ 0.41	**+10.95**	325 13 54.38	48.042	+ 4.87	− 41.3	17 21 45.98	.....	+ 4 13 23.7	....
26	Venus II, C	8	33 0.96	+ 0.35	+10.94	310 41 52.78	47.732	+ 5.36	−1 7.8	22 33 12.25	− 0.40	−10 19 10.9	....
	March 24, R.												
27	Sun I, N	9	12 7.58	+ 0.40	+10.94	322 43 56.70	47.010	+ 5.26	− 43.9	0 12 18.92	+64.42	+ 1 43 0.3	....
28	Sun II, S	9	14 16.41	+ 0.40	+10.94	322 11 56.02	46.775	+ 5.26	− 44.8	0 14 27.75	−64.41	+ 1 10 53.2	....
29	Moon I, N	9	18 51.71	+ 0.39	+10.96	339 3 56.30	43.686	+ 5.19	− 22.1	6 19 3.06	+69.87	+18 2 5.6	....
30	ε Canis Majoris	6	54 40.95	+ 0.14	+10.96	292 11 54.72	46.349	+ 5.19	−2 20.8	6 54 52.05	.....	−28 50 53.7	....
31	22 Monocerotis	9	6 47.43	+ 0.30	+10.96	320 41 54.88	43.780	+ 5.19	− 47.4	7 6 58.69	.....	− 0 20 19.0	....
32	λ Geminorum	9	12 24.29	+ 0.38	**+10.95**	337 44	......	....	. ....	7 12 35.63	.....	+16 42	....
33	δ Geminorum	9	14 13.13	+ 0.40	**+10.98**	343 9 56.20	46.938	+ 5.19	− 17.5	7 14 24.49	.....	+22 9 24.4	....
34	ι Geminorum	9	19 35.67	+ 0.42	**+10.94**	348 59 57.00	46.158	+ 5.19	− 11.2	7 19 47.05	.....	+27 59 13.6	....
35	225 B. Draconis s. p.	7	27 18.50	− 0.36	+10.96	61 33 58.82	46.870	+ 5.19	+1 47.4	19 27 29.10	+ 1.64	+79 24 29.5	+ 9.3
	March 25, Ei.-Y.												
36	Moon I, N	9	19 24.67	+ 0.32	+10.92	338 5 55.95	47.626	+ 7.77	− 22.5	7 19 35.91	+70.42	+17 5 37.4	....
37	β Cancri	9	11 8.58	+ 0.29	**+10.97**	330 29 55.42	45.485	+ 7.85	− 31.6	8 11 19.79	.....	+ 9 28 39.0	....
38	B. D.+14°1879	9	16 22.67	+ 0.31	+10.92	334 57 55.20	42.395	+ 7.87	− 26.1	8 16 33.90	− 1.25	+13 55 33.6	+13.6
39	B. D.+17°1842	9	20 13.90	+ 0.32	+10.92	338 23 54.95	42.255	+ 7.87	− 22.2	8 20 25.14	− 1.27	+17 21 33.8	+12.6
40	B. D.+25°1920 (*south*)	9	20 47.32	+ 0.34	+10.92	345 51 56.78	45.165	+ 7.88	− 14.1	8 20 58.58	− 1.30	+24 50 50.7	+10.2
41	η Cancri	9	26 59.53	+ 0.32	**+11.01**	341 45 52.58	48.285	+ 7.91	− 18.4	8 27 10.77	.....	+20 45 53.3	....
42	B. D.+15°1851	9	30 34.84	+ 0.31	+10.92	336 39 54.10	44.932	+ 7.93	− 24.1	8 30 46.07	− 1.31	+15 38 32.6	+13.1
43	B. D.+24°1968	9	32 56.72	+ 0.33	+10.92	345 1 55.22	46.755	+ 7.93	− 14.9	8 33 7.97	− 1.34	+24 1 24.5	+10.6
44	B. D.+20°2166	9	34 41.58	+ 0.32	+10.92	341 1 54.55	44.320	+ 7.95	− 19.2	8 34 52.82	− 1.34	+20 0 23.9	+11.8
45	γ Cancri	9	37 34.02	+ 0.33	**+10.96**	342 49 53.75	44.962	+ 7.95	− 17.3	8 37 45.27	.....	+21 48 39.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 8 35	30.13	48.9	49.2
8 54	....	....	48.9
9 26	30.15	48.0	48.3
9 42	30.16	48.0	48.1
15 12	30.21	42.7	42.5
15 47	....	....	41.8
15 57	30.23	41.7	41.4
16 23	....	....	40.7
16 32	30.24	41.2	40.7
16 53	....	....	40.4
17 16	....	....	40.5
17 25	30.24	40.0	40.5
22 33	30.35	53.0	52.0
24 0 14	30.32	56.3	57.0
6 17	30.255	56.5	56.3
6 55	30.25	55.0	54.7
7 14	....	....	53.8
7 34	30.25	54.0	53.3
25 7 23	29.86	65.0	65.1
8 9	29.86	65.2	65.2
8 36	....	....	64.9

Micrometer bisections are made at II, VI, except as noted below.

3, 7, 19, 21, 27, 39.	Bisections at I, II.
11.	Bisections at b_4, b_5, b_6.
12.	Bisections at I, II, III.
14.	Bisections at b_5, b_6.
20, 23, 28, 40.	Bisections at VI, VII.
26.	Bisections at I, II, VI.
29, 36.	Bisections at II, III, IV, V, VI.
30. 31.	Bisections at I, II, VI, VII.
35.	Bisection at III.

Notes.

8, 10.	Faint.
30, 32–35, 37.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
26	+ 4.6	.. ....	− 0.1	+ 4.5
27	+ 5.3	−16 3.5	...	−15 58.2
28	+ 5.4	+16 3.5	...	+16 8.9
29	+20 36.4	−15 56.2	...	+ 4 40.2
36	+21 46.1	−16 8.2	...	+ 5 37.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+14°1971........	9	40 42.24	+ 0.31	+10.92	335 25 54.15	44.955	+ 7.98	− 25.6	8 40 53.47	− 1.35	+14 24 31.7	+13.5
2	B. D.+15°1917........	9	45 30.84	+ 0.31	+10.92	336 43 54.45	44.028	+ 8.00	− 24.1	8 45 42.07	− 1.37	+15 42 12.3	+13.2
3	B. D.+13°2007........	9	46 57.26	+ 0.30	+10.92	334 35 55.85	47.658	+ 8.00	− 26.5	8 47 8.48	− 1.37	+13 35 34.3	+13.8
4	B. D.+17°1973........	9	49 48.63	+ 0.32	+10.92	338 37 57.08	42.245	+ 8.01	− 21.9	8 49 59.87	− 1.39	+17 35 36.4	+12.6
5	B. D.+21°1952........	9	53 15.29	+ 0.33	+10.92	342 33 54.18	43.662	+ 8.03	− 17.6	8 53 26.54	− 1.41	+21 32 10.2	+11.5
6	B. D.+17°1990........	9	56 10.57	+ 0.32	+10.92	338 29 53.10	41.525	+ 8.03	− 22.1	8 56 21.81	− 1.41	+17 27 15.8	+12.7
7	B. D.+23°2035........	9	57 41.38	+ 0.33	+10.92	343 59 52.68	46.520	+ 8.05	− 16.0	8 57 52.63	− 1.42	+22 59 15.7	+11.1
8	B. D.+19°2153........	9	59 52.36	+ 0.32	+10.92	340 49 54.95	45.750	+ 8.05	− 19.4	9 ·0 3.60	− 1.43	+19 48 56.9	+12.0
9	B. D.+15°1977........	4	0 52.22	+ 0.31	+10.92	336 39 51.58	47.058	+ 8.06	− 24.1	9 1 3.45	− 1.43	+15 39 19.0	+13.2
10	ξ Cancri................	9	3 40.63	+ 0.33	+10.92	343 27 53.85	42.820	+ 8.07	− 16.6	9 3 51.88	− 1.44	+22 25 51.7	+11.3
11	B. D.+18°2138........	9	6 23.63	+ 0.32	+10.92	339 27 55.00	43.488	+ 8.08	− 21.0	9 6 34.87	− 1.45	+18 26 3.7	+12.4
12	B. D.+10°1956........	9	8 2.97	+ 0.30	+10.92	331 43 54.08	43.482	+ 8.09	− 30.1	9 8 14.19	− 1.46	+10 41 53.6	+14.5
13	B. D.+19°2187........	9	10 54.08	+ 0.32	+10.92	340 13 56.45	44.390	+ 8.10	− 20.1	9 11 5.32	− 1.46	+19 12 26.7	+12.2
14	B. D.+10°1972........	7	14 11.06	+ 0.29	+10.92	331 13 52.55	42.440	+ 8.11	− 30.8	9 14 22.27	− 1.48	+10 11 27.9	+14.6
15	B. D.+17°2065........	9	15 55.77	+ 0.32	+10.92	338 1 55.62	43.958	+ 8.13	− 22.6	9 16 7.01	− 1.48	+17 0 13.5	+12.8
16	B. D.+11°2027........	9	18 20.12	+ 0.30	+10.92	332 29 52.95	44.310	+ 8.13	− 29.2	9 18 31.34	− 1.49	+11 28 12.3	+14.2
17	B. D.+13°2096........	9	23 11.38	+ 0.30	+10.92	333 49 52.38	43.750	+ 8.16	− 27.6	9 23 22.60	− 1.51	+12 48 0.6	+13.9
18	B. D.+10°2014........	9	26 39.19	+ 0.29	+10.92	331 9 52.68	44.178	+ 8.17	− 30.9	9 26 50.40	− 1.52	+10 8 7.4	+14.5
19	B. D.+19°2355........	9	30 54.82	+ 0.32	+10.92	340 23 53.35	41.478	+ 8.19	− 20.0	9 31 6.06	− 1.53	+19 21 17.3	+12.2
20	B. D.+12°2075........	9	34 13.68	+ 0.30	+10.92	333 37 53.08	43.195	+ 8.20	− 27.8	9 34 24.90	− 1.54	+12 35 48.5	+13.9
21	B. D.+16°2010........	9	36 20.33	+ 0.31	+10.92	337 13 54.15	41.650	+ 8.21	− 23.6	9 36 31.56	− 1.54	+16 11 18.4	+13.0
22	B. D.+20°2366........	9	37 50.44	+ 0.32	+10.92	341 39 55.52	42.500	+ 8.22	− 18.6	9 38 1.68	− 1.55	+20 37 44.2	+11.9
23	B. D.+12°2090........	9	41 3.40	+ 0.30	+10.92	333 15 52.68	46.138	+ 8.24	− 28.2	9 41 14.62	− 1.56	+12 14 54.9	+13.9
24	B. D.+21°2113........	9	44 18.11	+ 0.33	+10.92	342 39 53.82	41.698	+ 8.24	− 17.5	9 44 29.36	− 1.57	+21 37 25.3	+11.6
25	B. D.+12°2105........	9	45 29.74	+ 0.30	+10.92	333 19 53.15	41.675	+ 8.25	− 28.2	9 45 40.96	− 1.58	+12 17 13.4	+13.9
26	B. D.+ 6°2224........	9	48 30.89	+ 0.28	+10.92	327 25 52.92	45.112	+ 8.26	− 35.8	9 48 42.09	− 1.61	+ 6 24 24.2	+15.2
27	B. D.+17°2156........	9	52 9.27	+ 0.32	+10.92	337 55 52.12	45.550	+ 8.28	− 22.7	9 52 20.51	− 1.59	+16 54 46.2	+12.7
28	B. D.+15°2141........	9	52 49.01	+ 0.31	+10.92	336 41 56.08	44.848	+ 8.28	− 24.1	9 53 0.24	− 1.59	+15 40 33.2	+13.0
29	B. D.+ 6°2240........	9	55 1.85	+ 0.28	+10.92	327 43 51.52	45.080	+ 8.29	− 35.4	9 55 13.05	− 1.62	+ 6 42 22.5	+15.0
30	B. D.+12°2138........	9	58 50.41	+ 0.30	+10.92	333 7 53.08	42.035	+ 8.31	− 28.4	9 59 1.63	− 1.62	+12 5 21.5	+13.8
31	B. D.+18°2326........	8	4 42.97	+ 0.32	+10.92	339 41 54.05	42.608	+ 8.33	− 20.8	10 4 54.21	− 1.62	+18 39 43.1	+12.3
32	B. D.+ 9°2317........	8	8 15.64	+ 0.29	+10.92	330 41 55.18	42.330	+ 8.35	− 31.5	10 8 26.85	− 1.65	+ 9 39 27.2	+14.2
33	B. D.+14°2228........	9	11 22.06	+ 0.31	+10.92	335 13 53.18	44.185	+ 8.36	− 25.9	10 11 33.29	− 1.64	+14 12 13.2	+13.2
34	B. D.+ 7°2289........	9	17 49.58	+ 0.28	+10.92	328 3 52.50	42.920	+ 8.39	− 35.0	10 18 0.78	− 1.69	+ 7 1 34.6	+14.6
35	ρ Leonis................	9	27 35.91	+ 0.29	**+10.97**	330 47 53.48	48.588	+ 8.44	− 31.3	10 27 47.12	....	+ 9 47 48.8	....
36	δ Leonis................	9	8 50.80	+ 0.32	**+10.92**	342 3 55.25	45.285	+ 8.61	− 18.1	11 9 2.04	....	+21 2 48.5	....
	March 25, M.												
37	β Serpentis.............	9	41 35.57	+ 0.36	**+10.86**	336 43 55.20	46.648	+ 8.64	− 24.0	15 41 46.80	....	+15 43 13.7	....
38	ε Coronæ Borealis.......	9	53 26.76	+ 0.40	**+10.83**	348 9 55.48	46.016	+ 8.64	− 11.7	15 53 38.03	....	+27 9 11.8	....
39	θ Draconis..............	9	59 55.07	+ 0.59	+10.87	19 49 53.00	44.548	+ 8.64	+ 20.3	16 0 6.53	....	+58 49 7.6	....
40	87 B. Draconis...........	9	5 53.24	+ 0.70	+10.87	29 3 56.45	45.240	+ 8.64	+ 31.2	16 6 4.81	....	+68 3 37.9	....
41	σ² Coronæ Borealis.......	9	10 54.90	+ 0.43	+10.87	355 7 54.52	42.480	+ 8.64	− 4.7	16 11 6.20	....	+34 5 57.0	....
42	τ Herculis..............	9	16 41.12	+ 0.49	+10.87	7 33 56.15	42.962	+ 8.64	+ 7.5	16 16 52.48	....	+46 32 21.8	....
43	α Scorpii...............	8	23 21.64	+ 0.18	+10.87	294 49 47.90	45.085	+ 8.64	−2 0.2	16 23 32.69	....	−26 13 5.4	....
44	34 Herculis..............	9	27 17.49	+ 0.50	+10.87	10 11 54.10	42.072	+ 8.64	+ 10.1	16 27 28.86	− 1.01	+49 10 2.0	+11.4
45	42 Herculis..............	9	35 58.13	+ 0.50	+10.87	10 7 56.68	44.000	+ 8.64	+ 10.1	16 36 9.50	− 0.96	+49 6 48.6	+11.3
46	114 B. Draconis...........	9	43 18.01	+ 0.57	+10.87	17 57 54.35	44.398	+ 8.64	+ 18.2	16 43 29.45	....	+56 57 3.4	....
47	49 Herculis..............	8	47 32.51	+ 0.36	+10.87	336 10	......	....	. ....	16 47 43.74	....	+15 8	....
48	κ Ophiuchi..............	9	52 57.32	+ 0.34	**+10.86**	330 31 52.12	47.510	+ 8.64	− 31.6	16 53 8.53	....	+ 9 31 22.7	....
49	d Herculis..............	5	57 53.33	+ 0.42	+10.87	354 43 55.98	43.272	+ 8.64	− 5.1	16 58 4.62	....	+33 42 16.2	....
50	η Ophiuchi..............	9	4 42.46	+ 0.24	**+10.81**	305 25 52.10	45.105	+ 8.64	−1 18.3	17 4 53.57	....	−15 36 18.9	....
51	α Herculis..............	9	10 5.98	+ 0.36	**+10.83**	335 29 52.05	48.615	+ 8.64	− 25.4	17 10 17.21	....	+14 29 54.1	....
52	θ Ophiuchi..............	9	15 56.91	+ 0.19	+10.87	296 7 51.60	47.178	+ 8.64	−1 53.1	17 16 7.97	....	−24 54 6.8	....
53	σ Ophiuchi..............	9	21 34.88	+ 0.32	**+10.85**	325 13 51.88	47.836	+ 8.64	− 38.7	17 21 46.07	....	+ 4 13 22.8	....
54	ξ Serpentis.............	9	31 55.31	+ 0.24	**+10.84**	305 41 51.42	45.314	+ 8.64	−1 17.4	17 32 6.42	....	−15 20 13.9	....
	March 27, Br.												
55	36 Lyncis................	9	7 21.98	+ 0.55	+10.78	4 37 56.48	44.242	+ 6.94	+ 4.9	9 7 33.31	− 1.55	+43 36 47.1	+ 5.0
56	83 Cancri................	9	13 27.73	+ 0.46	**+10.78**	339 7 55.50	44.925	+ 6.91	− 22.8	9 13 38.97	....	+18 6 34.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
25 8 59	29.845	64.1	64.5	9, 28. Bisections at VI, VII. 14. Bisection at VII. 27. Bisections at I, II. 37, 38, 53, 54. Bisections at I, II, VI, VII. 40. Bisections at III, V. 52. Bisections at I, II, VI.					
9 25	......	....	63.4						
9 49	29.83	62.9	63.4						
10 13	......	....	63.0						
10 40	29.80	63.6	63.7						
11 10	29.785	63.0	63.4						
15 42	29.67	61.5	61.8						
16 20	......	....	62.1						
16 50	29.65	62.4	62.0	Notes.					
17 27	29.64	63.0	63.0	32, 35. Difficult.					
27 9 6	29.89	36.2	34.1	34. Very faint.					
				36, 37, 46–56. Clouds.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon I, N	9	21 29.50	+ 0.46	+10.78	332 45 53.85	43.845	+ 6.88	− 30.7	9 21 40.74	+70.15	+11 43 59.8	....
2	2 Sextantis	7	33 17.27	+ 0.42	+10.78	326 7 53.60	40.980	+ 6.82	− 40.1	9 33 28.47	− 1.54	+ 5 4 44.7	+15.6
3	ε Leonis	9	40 14.57	+ 0.48	**+10.76**	345 13 55.92	45.312	+ 6.80	− 15.7	9 40 25.83	.....	+24 12 50.3	....
4	23 Leonis	9	45 40.74	+ 0.45	+10.78	334 31 54.65	45.600	+ 6.78	− 28.5	9 45 51.97	− 1.56	+13 30 42.8	+13.5
5	83 B. Leonis	9	51 11.11	+ 0.44	+10.78	330 25 52.48	41.610	+ 6.75	− 33.9	9 51 22.33	− 1.58	+ 9 23 4.1	+14.4
6	16 Cephei s. P.	9	57 40.39	+ 0.12	+10.78	68 15 57.28	42.982	+ 6.73	+2 29.8	21 57 51.29	+ 1.52	+72 43 15.9	+ 5.3
7	α Leonis	9	3 6.06	+ 0.45	**+10.79**	333 27 53.78	43.790	+ 6.70	− 29.9	10 3 17.29	.....	+12 25 59.1	....
8	ζ Leonis	9	11 11.63	+ 0.48	**+10.71**	344 53 54.95	47.370	+ 6.68	− 16.1	10 11 22.89	.....	+23 53 35.6	....
9	γ Leonis (*pr.*)	9	14 31.29	+ 0.47	**+10.77**	341 19 53.60	47.255	+ 6.67	− 20.2	10 14 42.54	.....	+20 19 27.8	....
10	μ Hydræ	8	21 17.59	+ 0.35	**+10.80**	304 39 52.20	48.855	+ 6.63	−1 26.3	10 21 28.72	.....	−16 21 3.1	....
11	ρ Leonis	9	27 35.92	+ 0.44	**+10.80**	330 47 52.95	48.835	+ 6.60	− 33.4	10 27 47.14	.....	+ 9 47 50.0	....
12	37 Leonis Minoris	9	33 9.69	+ 0.51	+10.78	353 29 54.18	43.775	+ 6.58	− 6.8	10 33 20.98	.....	+32 28 21.8	....
13	39 Ursæ Majoris	9	37 30.63	+ 0.64	+10.78	18 43 56.52	41.952	+ 6.57	+ 20.4	10 37 42.05	− 2.03	+57 42 10.0	+ 4.0
14	ν Hydræ	9	44 44.12	+ 0.35	+10.78	305 21 51.10	41.768	+ 6.54	−1 24.4	10 44 55.25	.....	−15 41 44.3	....
15	54 Leonis	9	50 15.48	+ 0.48	+10.78	346 17 55.58	41.905	+ 6.52	− 14.6	10 50 26.74	− 1.70	+25 15 32.9	+10.7
16	β Ursæ Majoris	5	55 54.02	+ 0.63	+10.78	17 55 57.28	40.925	+ 6.50	+ 19.5	10 56 5.43	.....	+56 53 46.4	....
17	p⁴ Leonis	9	1 51.06	+ 0.42	+10.78	323 30	......	....	. ....	11 2 2.26	.....	+ 2 28	....
18	δ Leonis	9	8 50.78	+ 0.48	**+10.78**	342 3 55.10	45.475	+ 6.45	− 19.4	11 9 2.04	.....	+21 2 49.2	....
19	δ Crateris	9	14 23.33	+ 0.36	**+10.77**	306 45 48.60	46.850	+ 6.42	−1 20.1	11 14 34.47	.....	−14 15 46.5	....
20	τ Leonis	9	22 50.68	+ 0.42	**+10.80**	324 23 52.40	46.835	+ 6.38	− 42.9	11 23 1.88	.....	+ 3 22 54.1	....
21	υ Leonis	9	31 52.69	+ 0.41	**+10.81**	320 43 52.15	45.165	+ 6.35	− 49.0	11 32 3.88	.....	− 0 17 50.5	....
	March 28, Ei.-Y.												
22	γ Leonis (*pr.*)	9	14 31.11	+ 0.50	**+10.92**	341 19 55.30	47.205	+ 6.18	− 20.3	10 14 42.54	.....	+20 19 28.0	....
23	Moon I, N	9	21 50.93	+ 0.48	+10.93	328 39 55.25	43.648	+ 6.18	− 36.6	10 22 2.34	+69.66	+ 7 37 50.1	....
24	ρ Leonis	9	27 35.77	+ 0.47	**+10.91**	330 47 53.00	48.885	+ 6.18	− 33.6	10 27 47.17	.....	+ 9 47 50.6	....
25	B. D.+10°2302	9	27 50.62	+ 0.49	+10.93	330 55 52.55	45.575	+ 6.18	− 33.5	11 28 2.04	− 1.80	+ 9 54 34.3	+12.6
26	B. D.+11°2372	9	29 1.89	+ 0.50	+10.93	332 35 51.85	41.642	+ 6.18	− 31.2	11 29 13.32	− 1.79	+11 33 6.3	+12.4
27	υ Leonis	9	31 52.52	+ 0.46	**+10.93**	320 43 53.78	45.132	+ 6.18	− 49.2	11 32 3.91	.....	− 0 17 50.2	....
28	B. D.− 1°2546	9	33 20.28	+ 0.45	+10.93	319 7 55.85	43.472	+ 6.18	− 52.1	11 33 31.66	− 1.90	− 1 54 28.7	+13.6
29	B. D.+ 0°2826	9	38 15.40	+ 0.46	+10.93	321 43 51.65	47.140	+ 6.18	− 47.5	11 38 26.79	− 1.88	+ 0 42 55.5	+13.2
30	B. D.− 4°3137	9	41 17.82	+ 0.44	+10.93	316 13 54.28	42.010	+ 6.18	− 57.7	11 41 29.19	− 1.94	− 4 49 9.3	+13.5
31	β Leonis	9	44 0.19	+ 0.51	**+10.94**	336 7 52.30	44.715	+ 6.18	− 26.7	11 44 11.63	.....	+15 6 21.5	....
32	B. D.− 4°3152	9	45 58.34	+ 0.45	+10.93	316 13 52.15	44.715	+ 6.18	− 57.7	11 46 9.72	− 1.95	− 4 48 9.6	+13.3
33	B. D.− 0°2507	9	48 57.84	+ 0.46	+10.93	320 31 51.58	43.470	+ 6.18	− 49.6	11 49 9.23	− 1.90	− 0 30 30.8	+12.9
34	B. D.− 1°2587	9	49 50.31	+ 0.46	+10.93	319 9 52.95	48.502	+ 6.18	− 52.0	11 50 1.70	− 1.92	− 1 50 36.3	+13.0
35	B. D.− 3°3213	9	53 3.36	+ 0.45	+10.93	317 11 51.58	43.855	+ 6.18	− 55.8	11 53 14.74	− 1.94	− 3 50 27.9	+12.9
36	π Virginis	9	55 47.65	+ 0.49	**+10.94**	328 9 50.68	46.422	+ 6.18	− 37.4	11 55 59.07	.....	+ 7 8 48.2	....
37	B. D.+ 6°2543	9	58 40.92	+ 0.48	+10.93	327 7 52.48	42.990	+ 6.18	− 39.0	11 58 52.33	− 1.85	+ 6 5 29.7	+12.4
38	B. D.+ 4°2569	9	59 38.62	+ 0.48	+10.93	325 7 54.22	45.250	+ 6.18	− 42.0	11 59 50.03	− 1.87	+ 4 6 20.3	+12.3
39	B. D.− 6°3509	9	3 30.49	+ 0.44	+10.93	314 41 52.00	46.990	+ 6.18	−1 0.9	12 3 41.86	− 1.99	− 6 19 21.0	+12.6
40	B. D.+ 4°2583	9	6 36.05	+ 0.48	+10.93	325 37 50.80	42.435	+ 6.18	− 41.2	12 6 47.46	− 1.87	+ 4 35 13.4	+12.0
41	B. D.− 9°3468	9	10 4.69	+ 0.43	+10.93	311 15 53.20	47.405	+ 6.18	−1 8.6	12 10 16.05	− 2.04	− 9 45 18.0	+12.3
42	B. D.− 1°2639	9	11 39.36	+ 0.46	+10.93	318 49 54.40	43.460	+ 6.18	− 52.7	12 11 50.75	− 1.94	− 2 12 31.1	+12.1
43	η Virginis	9	14 50.21	+ 0.47	**+10.93**	320 53 52.68	44.238	+ 6.18	− 49.0	12 15 1.61	.....	− 0 8 11.3	....
44	B. D.− 1°2657	9	17 16.43	+ 0.46	+10.93	318 45 53.35	48.132	+ 6.18	− 52.8	12 17 27.82	− 1.94	− 2 14 45.4	+11.9
45	B. D.+ 2°2536	9	19 36.71	+ 0.48	+10.93	322 55 53.25	46.590	+ 6.18	− 45.5	12 19 48.12	− 1.90	+ 1 54 46.2	+11.8
46	B. D.+ 2°2539	9	20 57.17	+ 0.48	+10.93	323 35 53.10	45.205	+ 6.18	− 44.4	12 21 8.58	− 1.90	+ 2 34 15.8	+11.7
47	B. D.− 1°2674	9	24 4.79	+ 0.46	+10.93	319 7 54.65	44.602	+ 6.18	− 52.1	12 24 16.18	− 1.94	− 1 54 4.1	+11.6
48	B. D.+ 3°2660	9	26 13.63	+ 0.48	+10.93	323 51 53.42	43.965	+ 6.18	− 44.0	12 26 25.04	− 1.89	+ 2 49 48.2	+11.4
49	B. D.− 8°3372	8	28 40.10	+ 0.44	+10.93	312 5 51.62	46.792	+ 6.18	−1 6.6	12 28 51.47	− 2.04	− 8 55 31.6	+11.3
50	B. D.+ 1°2721	9	30 46.29	+ 0.48	+10.93	322 10	......	....	. ....	12 30 57.70	− 1.91	+ 1 8	....
51	B. D.+ 2°2560	9	33 19.12	+ 0.48	+10.93	323 23 52.65	46.740	+ 6.18	− 44.8	12 33 30.53	− 1.90	+ 2 22 49.8	+11.1
52	χ Virginis	9	34 8.09	+ 0.45	+10.93	313 33 53.62	44.810	+ 6.18	−1 3.4	12 34 19.47	− 2.02	− 7 28 11.4	+11.1
53	B. D.+ 1°2739	9	36 59.51	+ 0.48	+10.93	322 3 53.55	42.425	+ 6.18	− 47.0	12 37 10.92	− 1.91	+ 1 1 10.1	+11.0
54	B. D.+ 3°2695	9	41 11.72	+ 0.48	+10.93	323 59 52.72	47.672	+ 6.18	− 43.8	12 41 23.13	− 1.89	+ 2 59 12.1	+10.9
55	B. D.− 8°3424	9	41 58.14	+ 0.44	+10.93	312 19 52.62	46.680	+ 6.18	−1 6.2	12 42 9.51	− 2.03	− 8 41 32.5	+10.6
56	B. D.+ 1°2758	9	44 58.64	+ 0.48	+10.93	322 13 51.70	42.610	+ 6.18	− 46.8	12 45 10.05	− 1.91	+ 1 11 12.7	+10.7
57	B. D.− 5°3588	9	47 5.51	+ 0.46	+10.93	315 27 53.45	44.672	+ 6.18	− 59.3	12 47 16.90	− 1.99	− 5 34 11.2	+10.5
58	B. D.− 2°3593	9	48 6.74	+ 0.47	+10.93	317 59 55.28	44.748	+ 6.18	− 54.3	12 48 18.14	− 1.96	− 3 2 2.1	+10.5
59	B. D.−10°3581	9	51 48.04	+ 0.44	+10.93	310 39 52.90	45.822	+ 6.18	−1 10.2	12 51 59.41	− 2.06	−10 21 56.1	+10.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 9 24	.....	....	34.0
9 33	29.89	36.0	....
10 45	.....	....	32.2
11 6	[illegible]	33.8	....
11 36	[illegible]	33.0	31.5
28 10 18	29.96	33.6	32.3
10 30	.....	....	32.1
11 27	29.97	32.0	31.2
11 52	.....	....	30.8
12 23	29.97	31.0	30.7
12 45	.....	....	[illegible]

Micrometer bisections are made at II, VI, except as noted below.

1, 23.	Bisections at II, III, IV, V, VI.
6, 13.	Bisections at III, V.
8, 12, 25, 27, 33, 37, 45, 51, 54, 57.	Bisections at I, II.
16.	Bisections at V, VI.
22, 34, 52, 55, 58.	Bisections at VI, VII.

Notes.

1–3.	Clouds.
5.	Woolly.
22–45.	Images poor; unsteady.
44.	One microscope reading decreased 10″.
46–59.	Slightly unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+27 21.1	−16 28.0	...	+10 53.1
23	+31 17.9	−16 33.6	...	+14 44.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 5°3605	9	53 52.67	+ 0.46	+10.93	315 27 52.85	43.945	+ 6.18	− 59.4	12 54 4.06	− 1.99	− 5 34 28.5	+10.1
2	B. D.− 0°2641	8	55 2.63	+ 0.47	+10.93	320 21 52.12	44.085	+ 6.18	− 50.0	12 55 14.03	− 1.93	− 0 40 16.4	+10.3
3	B. D.− 4°3408	9	58 43.53	+ 0.46	+10.93	316 23 50.50	43.705	+ 6.18	− 57.5	12 58 54.92	− 1.97	− 4 38 34.1	+ 9.9
4	B. D.− 6°3732	9	0 41.41	+ 0.46	+10.93	313 53 52.62	43.150	+ 6.18	−1 2.7	13 0 52.80	− 2.00	− 7 8 49.9	+ 9.7
5	B. D.− 6°3750	9	4 37.33	+ 0.46	+10.93	313 53 52.72	43.432	+ 6.18	−1 2.7	13 4 48.72	− 2.00	− 7 8 43.4	+ 9.5
6	B. D.− 5°3653	9	7 13.96	+ 0.46	+10.93	315 1 53.22	46.470	+ 6.18	−1 0.3	13 7 25.35	− 1.98	− 5 59 31.0	+ 9.5
7	B. D.− 4°3452	9	10 55.39	+ 0.46	+10.93	315 51 51.75	45.845	+ 6.18	− 58.6	13 11 6.78	− 1.97	− 5 9 45.1	+ 9.3
8	B. D.− 7°3582	9	12 33.43	+ 0.45	+10.93	312 47 52.12	46.320	+ 6.18	−1 5.2	13 12 44.81	− 2.01	− 8 13 40.5	+ 9.0
9	B. D.− 2°3671	9	15 35.46	+ 0.47	+10.93	317 59 53.68	45.170	+ 6.18	− 54.4	13 15 46.86	− 1.94	− 3 1 54.7	+ 9.2
10	B. D.−11°3498	9	16 54.32	+ 0.44	+10.92	308 57 51.38	44.005	+ 6.18	−1 14.6	13 17 5.68	− 2.07	−12 4 43.5	+ 8.4
11	B. D.− 8°3550	8	20 3.52	+ 0.45	+10.92	312 43 53.12	47.365	+ 6.18	−1 5.3	13 20 14.89	− 2.01	− 8 17 15.7	+ 8.6
12	B. D.−13°3716	9	24 42.37	+ 0.44	+10.92	307 31 54.88	44.750	+ 6.18	−1 18.6	13 24 53.73	− 2.08	−13 30 26.9	+ 7.9
13	B. D.−10°3699	9	26 51.04	+ 0.45	+10.92	310 15 50.22	46.558	+ 6.18	−1 11.3	13 27 2.41	− 2.04	−10 45 43.0	+ 8.0
14	B. D.−12°3843	9	29 24.82	+ 0.44	+10.92	308 17 53.22	47.388	+ 6.18	−1 16.4	13 29 36.18	− 2.07	−12 43 26.1	+ 7.6
15	B. D.−10°3724	9	33 15.64	+ 0.45	+10.92	310 25 52.28	43.080	+ 6.18	−1 10.9	13 33 27.01	− 2.03	−10 37 0.0	+ 7.7
16	B. D.−12°3873	9	37 10.62	+ 0.44	+10.92	307 57 53.78	44.230	+ 6.18	−1 17.4	13 37 21.98	− 2.06	−13 4 38.5	+ 7.2
17	B. D.−15°3735	9	40 15.56	+ 0.43	+10.92	305 43 51.70	48.360	+ 6.18	−1 23.8	13 40 26.91	− 2.10	−15 17 12.8	+ 6.7
18	B. D.− 6°3887	9	43 7.11	+ 0.47	+10.92	314 39 50.50	46.415	+ 6.18	−1 1.2	13 43 18.50	− 1.95	− 6 21 35.9	+ 7.6
19	B. D.− 4°3580	9	47 25.49	+ 0.47	+10.92	316 25 53.68	45.380	+ 6.18	− 57.5	13 47 36.88	− 1.92	− 4 35 52.7	+ 7.6
20	η Bootis	9	49 57.12	+ 0.55	+**10.90**	339 53 55.05	44.995	+ 6.18	− 22.1	13 50 8.59	.....	+18 52 35.2	....
21	τ Virginis	9	56 36.06	+ 0.50	+**10.88**	323 1 56.00	45.580	+ 6.18	− 45.6	13 56 47.48	.....	+ 2 0 26.1	....
	March 28, Br.												
22	57 B. Ursæ Minoris	9	7 55.11	+ 2.26	+10.79	48 35 58.50	44.770	+ 6.46	+1 9.0	15 8 8.16	.....	+87 36 4.2	....
23	ε Serpentis	9	45 51.96	+ 0.52	+**10.81**	325 47 53.48	44.218	+ 6.39	− 41.3	15 46 3.27	.....	+ 4 45 57.2	....
24	151 H^1. Cephei s. P.	8	6 2.50	− 0.25	+10.79	55 41 57.10	43.128	+ 6.31	+1 29.4	4 6 13.04	.....	+85 18 13.6	....
25	γ Herculis	9	17 30.91	+ 0.57	+**10.88**	340 23 53.15	45.115	+ 6.26	− 21.6	16 17 42.27	.....	+19 22 36.6	....
26	α Scorpii	9	23 21.70	+ 0.42	+10.79	294 49 49.42	45.712	+ 6.23	−2 10.8	16 23 32.91	.....	−26 13 2.6	....
27	34 Herculis	8	27 17.56	+ 0.66	+10.79	10 11 56.68	42.065	+ 6.21	+ 11.0	16 27 29.01	− 1.11	+49 10 3.0	+11.1
28	35 B. Camelopardalis s. P.	9	35 43.26	+ 0.32	+10.79	65 13 56.48	41.592	+ 6.18	+2 11.8	4 35 54.37	.....	+75 46 7.1	....
29	114 B. Draconis	9	43 18.10	+ 0.70	+10.79	17 58 4.98	43.925	+ 6.15	+ 19.9	16 43 29.59	.....	+56 57 2.7	....
30	49 Herculis	9	47 32.37	+ 0.57	+10.79	336 9 52.32	43.882	+ 6.13	− 26.9	16 47 43.73	.....	+15 8 2.2	....
31	κ Ophiuchi	9	52 57.33	+ 0.55	+**10.72**	330 31 53.52	47.745	+ 6.11	− 34.4	16 53 8.67	.....	+ 9 31 24.2	....
32	*d* Herculis	9	57 53.34	+ 0.62	+10.79	354 43 54.58	43.522	+ 6.08	− 5.6	16 58 4.75	.....	+33 42 17.6	....
33	η Ophiuchi	9	4 42.34	+ 0.48	+**10.77**	305 25 49.62	45.685	+ 6.05	−1 25.4	17 4 53.61	.....	−15 36 18.0	....
34	*A* Ophiuchi (*south*)	5	9 16.72	+ 0.42	+10.79	294 35 51.30	44.208	+ 6.03	−2 12.3	17 9 27.93	.....	−26 27 36.4	....
35	*A* Ophiuchi (*north*)	5	9 16.76	+ 0.42	+10.79	294 35 51.30	44.492	+ 6.03	−2 12.3	17 9 27.97	.....	−26 27 30.5	....
36	σ Ophiuchi	9	21 34.78	+ 0.54	+**10.82**	325 13 52.62	48.142	+ 5.98	− 42.2	17 21 46.11	.....	+ 4 13 24.4	....
37	74 B. Camelopardalis s. P.	8	26 42.45	+ 0.35	+10.79	65 59 56.35	44.422	+ 5.97	+2 16.8	5 26 53.59	.....	+74 58 57.7	....
38	ξ Serpentis	9	31 55.22	+ 0.48	+**10.77**	305 41 51.72	45.800	+ 5.95	−1 24.6	17 32 6.49	.....	−15 20 12.4	....
39	μ Herculis	9	42 31.52	+ 0.61	+**10.78**	348 47 55.45	44.338	+ 5.90	− 12.0	17 42 42.92	.....	+27 46 30.4	....
40	89 Herculis	9	51 22.22	+ 0.61	+**10.82**	347 3 53.45	47.932	+ 5.86	− 13.9	17 51 33.62	.....	+26 3 48.6	....
41	Venus II, C	9	56 14.74	+ 0.49	+10.80	312 53 52.02	43.619	+ 5.79	−1 4.3	22 56 26.03	− 0.39	− 8 8 41.8	....
	March 29, Br.												
42	Sun I, S.	9	30 17.96	+ 0.52	+10.80	324 10 0.38	44.960	+ 6.55	− 42.8	0 30 29.28	+64.50	+ 3 8 19.5	....
43	Sun II, N.	9	32 26.96	+ 0.52	+10.80	324 42 2.70	45.152	+ 6.55	− 42.0	0 32 38.28	−64.50	+ 3 40 26.9	....
	March 29, Ei.-Y.												
44	β Cancri	9	11 8.36	+ 0.48	+**10.94**	330 29 56.45	45.672	+ 6.00	− 33.6	8 11 19.77	.....	+ 9 28 40.4	....
45	η Cancri	9	26 59.36	+ 0.51	+**10.93**	341 45 57.88	48.235	+ 6.00	− 19.6	8 27 10.80	.....	+20 45 54.4	....
46	B. D.+15°1851	9	30 34.63	+ 0.50	+10.93	336 39 56.20	45.058	+ 6.00	− 25.7	8 30 46.06	− 1.25	+15 38 34.0	+12.9
47	B. D.+24°1968	9	32 56.61	+ 0.51	+10.93	345 1 58.08	46.818	+ 6.00	− 15.9	8 33 8.05	− 1.27	+24 1 25.9	+10.2
48	B. D.+14°1946	9	35 5.69	+ 0.49	+10.93	335 43 56.80	46.080	+ 6.00	− 26.8	8 35 17.11	− 1.27	+14 42 56.9	+13.1
49	γ Cancri	9	37 33.83	+ 0.51	+**10.91**	342 49 57.95	44.975	+ 6.00	− 18.4	8 37 45.27	.....	+21 48 41.2	....
50	B. D.+14°1971	9	40 42.08	+ 0.49	+10.93	335 25 57.92	45.008	+ 6.00	− 27.2	8 40 53.50	− 1.29	+14 24 33.1	+13.2
51	B. D.+15°1917	9	45 30.67	+ 0.50	+10.93	336 43 56.70	44.135	+ 6.00	− 25.6	8 45 42.10	− 1.31	+15 42 13.5	+12.9
52	B. D.+17°1973	9	49 48.46	+ 0.50	+10.93	338 37 57.28	42.445	+ 6.00	− 23.3	8 49 59.89	− 1.33	+17 35 37.8	+12.3
53	B. D.+16°1864	9	52 3.57	+ 0.50	+10.93	336 57 58.02	45.650	+ 6.00	− 25.3	8 52 15.00	− 1.34	+15 56 49.5	+12.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
28 13 8	29.975	30.3	30.1
13 31	......	....	29.7
13 58	29.975	29.1	29.1
15 2	29.97	29.1	28.0
15 46	......	....	27.1
16 9	29.98	28.4	27.0
17 28	......	....	27.0
17 43	......	....	27.0
17 51	30.02	28.0	27.0
22 56	30.11	39.0	36.9
29 0 32	30.08	42.0	40.3
8 9	30.07	39.6	38.8
8 39	......	....	38.0

Micrometer bisections are made at II, VI, except as noted below.

1, 9, 33, 35, 42, 53.	Bisections at I, II.
12, 17, 18.	Bisections at II, VII.
16, 23, 32, 34, 43.	Bisections at VI, VII.
22.	Bisections at III, IV, V.
24.	Bisections at b_3, b_5, b_7.
27.	Bisections at b_2, b_9.
28.	Bisections at III, IV.
29.	Bisections at IV, V.
37.	Bisections at III, V.
41.	Bisections at I, II, VI, VII.

Notes.

1–21.	Slightly unsteady.
34, 35.	Images poor.
53.	Micrometer reading decreased 2 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
41	+ 4.4	.. ...	− 0.1	+ 4.3
42	+ 5.1	+16 3.7	...	+16 8.8
43	+ 5.1	−16 3.7	...	−15 58.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+21°1952	9	53 15.09	+ 0.51	+10.93	342 33 56.95	43.722	+ 6.00	− 18.7	8 53 26.53	− 1.35	+21 32 11.5	+11.1
2	B. D.+23°2035	9	57 41.23	+ 0.51	+10.93	343 59 57.55	46.498	+ 6.00	− 17.1	8 57 52.67	− 1.37	+22 59 16.9	+10.7
3	B. D.+15°1977	9	0 52.04	+ 0.50	+10.93	336 39 56.05	47.110	+ 6.00	− 25.7	9 1 3.47	− 1.38	+15 39 20.5	+12.9
4	B. D.+15°1984	9	2 39.97	+ 0.49	+10.93	336 7 58.15	42.800	+ 6.00	− 26.4	9 2 51.39	− 1.38	+15 5 43.4	+13.0
5	ξ Cancri	9	3 40.47	+ 0.51	+10.93	343 27 57.92	42.840	+ 6.00	− 17.7	9 3 51.91	− 1.39	+22 25 53.0	+10.9
6	B. D.+18°2138	9	6 23.43	+ 0.50	+10.93	339 27 57.52	43.575	+ 6.00	− 22.3	9 6 34.86	− 1.40	+18 26 4.9	+12.1
7	B. D.+19°2187	9	10 53.87	+ 0.50	+10.93	340 13 57.72	44.540	+ 6.00	− 21.4	9 11 5.30	− 1.41	+19 12 28.0	+11.8
8	B. D.+17°2053	9	12 7.43	+ 0.50	+10.93	338 7 56.72	44.080	+ 6.00	− 23.9	9 12 18.86	− 1.42	+17 6 14.0	+12.4
9	B. D.+10°1972	9	14 10.85	+ 0.48	+10.93	331 13 56.85	42.475	+ 6.00	− 32.8	9 14 22.26	− 1.43	+10 11 28.6	+14.4
10	B. D.+11°2027	9	18 19.93	+ 0.48	+10.93	332 29 55.78	44.415	+ 6.00	− 31.1	9 18 31.34	− 1.44	+11 28 13.2	+14.0
11	B. D.+11°2035	9	19 42.30	+ 0.48	+10.93	331 51 56.60	42.535	+ 6.00	− 31.9	9 19 53.71	− 1.45	+10 49 30.6	+14.2
12	B. D.+13°2096	9	23 11.20	+ 0.49	+10.93	333 49 56.18	43.792	+ 6.00	− 29.3	9 23 22.62	− 1.46	+12 48 1.5	+13.6
13	B. D.+10°2014	9	26 38.95	+ 0.48	+10.93	331 9 55.68	44.292	+ 6.00	− 32.9	9 26 50.36	− 1.48	+10 8 8.8	+14.3
14	B. D.+19°2355	9	30 54.69	+ 0.50	+10.93	340 21 57.15	46.768	+ 6.00	− 21.3	9 31 6.12	− 1.48	+19 21 18.4	+11.8
15	B. D.+12°2075	9	34 13.49	+ 0.48	+10.93	333 37 56.48	43.288	+ 6.00	− 29.6	9 34 24.90	− 1.50	+12 35 50.0	+13.6
16	B. D.+16°2010	8	36 20.13	+ 0.50	+10.93	337 11 57.08	47.025	+ 6.00	− 25.1	9 36 31.56	− 1.50	+16 11 20.2	+12.7
17	B. D.+12°2090	9	41 3.24	+ 0.48	+10.93	333 15 56.70	46.212	+ 6.00	− 30.1	9 41 14.65	− 1.52	+12 14 56.2	+13.6
18	B. D.+12°2095	9	42 6.47	+ 0.48	+10.93	333 1 57.22	45.130	+ 6.00	− 30.4	9 42 17.88	− 1.53	+12 0 32.0	+13.7
19	B. D.+ 6°2224	9	48 30.69	+ 0.47	+10.93	327 25 55.60	45.262	+ 6.00	− 38.2	9 48 42.09	− 1.57	+ 6 24 25.6	+15.0
20	B. D.+17°2156	9	52 9.06	+ 0.50	+10.93	337 55 56.92	45.558	+ 6.00	− 24.2	9 52 20.49	− 1.55	+16 54 47.7	+12.4
21	B. D.+ 6°2240	9	55 1.63	+ 0.47	+10.93	327 43 55.08	45.210	+ 6.00	− 37.7	9 55 13.03	− 1.59	+ 6 42 24.1	+14.8
22	B. D.+ 9°2280	9	55 45.79	+ 0.48	+10.93	330 25 55.60	45.368	+ 6.00	− 33.9	9 55 57.20	− 1.58	+ 9 24 32.4	+14.2
23	B. D.+12°2138	9	58 50.21	+ 0.48	+10.93	333 7 56.40	42.122	+ 6.00	− 30.3	9 59 1.62	− 1.58	+12 5 22.6	+13.5
24	B. D.+14°2202	9	1 41.63	+ 0.49	+10.93	335 39 55.95	42.005	+ 6.00	− 27.1	10 1 53.05	− 1.58	+14 37 22.6	+12.9
25	B. D.+18°2326	9	4 42.77	+ 0.50	+10.93	339 41 57.48	42.670	+ 6.00	− 22.1	10 4 54.20	− 1.58	+18 39 44.3	+11.9
26	B. D.+ 9°2317	9	8 15.39	+ 0.48	+10.93	330 41 55.88	42.515	+ 6.00	− 33.6	10 8 26.80	− 1.62	+ 9 39 27.7	+14.0
27	B. D.+14°2228	9	11 21.81	+ 0.49	+10.93	335 13 55.80	44.308	+ 6.00	− 27.6	10 11 33.23	− 1.61	+14 12 14.6	+12.9
28	B. D.+ 4°2313	8	15 22.47	+ 0.46	+10.93	325 7 55.80	44.575	+ 6.00	− 41.7	10 15 33.86	− 1.66	+ 4 6 6.6	+15.0
29	B. D.+ 7°2289	9	17 49.34	+ 0.47	+10.93	328 3 55.85	43.015	+ 6.00	− 37.3	10 18 0.74	− 1.66	+ 7 1 35.4	+14.4
30	B. D.+12°2211	9	21 57.08	+ 0.48	+10.93	332 49 55.65	44.135	+ 6.00	− 30.7	10 22 8.49	− 1.65	+11 48 7.4	+13.3
31	B. D.+ 3°2371	9	23 51.21	+ 0.46	+10.93	324 9 55.82	44.600	+ 6.00	− 43.2	10 24 2.60	− 1.70	+ 3 8 5.7	+15.0
32	ρ Leonis	9	27 35.73	+ 0.48	**+10.94**	330 47 56.68	48.698	+ 6.00	− 33.4	10 27 47.14	.....	+ 9 47 50.0	....
33	B. D.+ 2°2334	9	29 59.52	+ 0.46	+10.93	323 43 58.12	43.785	+ 6.00	− 44.0	10 30 10.91	− 1.72	+ 2 41 48.6	+15.0
34	34 Sextantis	9	37 30.44	+ 0.46	**+10.92**	325 5 57.40	46.502	+ 6.00	− 41.8	10 37 41.83	.....	+ 4 4 52.2	....
35	Moon I, N	9	21 26.81	+ 0.47	+10.93	323 57 56.58	48.290	+ 6.00	− 43.6	11 21 38.21	+69.16	+ 2 57 30.3	....
36	B. D.+ 3°2519	9	28 30.86	+ 0.47	+10.93	324 3 57.75	43.188	+ 6.00	− 43.5	11 28 42.26	− 1.84	+ 3 1 34.8	+13.3
37	B. D.− 3°3144	9	29 55.78	+ 0.45	+10.93	317 11 56.98	44.885	+ 6.00	− 55.6	11 30 7.16	− 1.91	− 3 49 59.0	+13.9
38	υ Leonis	9	31 52.49	+ 0.46	**+10.96**	320 43 55.65	45.018	+ 6.00	− 49.1	11 32 3.88	.....	− 0 17 50.7	....
39	B. D.− 4°3120	9	35 48.21	+ 0.44	+10.93	316 21 56.05	44.508	+ 6.00	− 57.2	11 35 59.58	− 1.93	− 4 40 10.1	+13.8
40	ν Virginis	9	40 45.98	+ 0.48	+10.93	328 5 56.30	43.700	+ 6.00	− 37.4	11 40 57.39	− 1.83	+ 7 3 51.4	+12.5
41	β Leonis	9	44 0.21	+ 0.50	**+10.93**	336 7 57.35	44.475	+ 6.00	− 26.6	11 44 11.64	.....	+15 6 21.0	....
42	B. D.− 4°3152	9	45 58.33	+ 0.44	+10.93	316 13 55.68	44.530	+ 6.00	− 57.5	11 46 9.70	− 1.95	− 4 48 10.0	+13.3
43	B. D.− 1°2587	9	49 50.27	+ 0.45	+10.93	319 9 56.85	48.332	+ 6.00	− 51.9	11 50 1.65	− 1.92	− 1 50 36.6	+13.0
44	B. D.+ 6°2529	9	51 43.46	+ 0.47	+10.93	326 53 55.95	45.767	+ 6.00	− 39.2	11 51 54.86	− 1.85	+ 5 52 36.4	+12.3
45	B. D.− 3°3213	9	53 3.33	+ 0.45	+10.93	317 11 55.45	43.660	+ 6.00	− 55.7	11 53 14.71	− 1.94	− 3 50 28.6	+13.0
46	π Virginis	9	55 47.68	+ 0.48	**+10.92**	328 9 56.15	46.180	+ 6.00	− 37.3	11 55 59.09	.....	+ 7 8 47.8	....
47	B. D.+ 0°2880	9	56 52.71	+ 0.46	+10.93	321 39 54.10	44.735	+ 6.00	− 47.5	11 57 4.10	− 1.90	+ 0 38 2.8	+12.5
48	B. D.+ 4°2569	9	59 38.57	+ 0.47	+10.93	325 7 56.10	45.150	+ 6.00	− 41.9	11 59 49.97	− 1.87	+ 4 6 19.6	+12.2
49	B. D.− 2°3460	9	0 55.39	+ 0.45	+10.93	318 25 56.52	44.838	+ 6.00	− 53.3	12 1 6.77	− 1.94	− 2 35 58.2	+13.0
50	B. D.− 6°3509	9	3 30.51	+ 0.44	+10.93	314 41 55.08	46.835	+ 6.00	−1 0.7	12 3 41.88	− 1.99	− 6 19 21.4	+12.6
51	B. D.+ 4°2583	9	6 36.07	+ 0.47	+10.93	325 37 57.78	42.100	+ 6.00	− 41.1	12 6 47.47	− 1.87	+ 4 35 12.7	+12.0
52	B. D.− 9°3468	9	10 4.75	+ 0.43	+10.93	311 15 54.48	47.342	+ 6.00	−1 8.4	12 10 16.11	− 2.04	− 9 45 18.1	+12.4
53	B. D.+ 2°2526	9	12 53.50	+ 0.46	+10.93	323 7 57.25	45.305	+ 6.00	− 45.1	12 13 4.89	− 1.90	+ 2 6 21.4	+11.9
54	c Virginis	9	15 18.89	+ 0.47	+10.93	324 51 57.28	45.972	+ 6.00	− 42.3	12 15 30.29	− 1.88	+ 3 50 39.4	+11.7
55	B. D.− 1°2657	9	17 16.43	+ 0.45	+10.93	318 45 56.00	47.995	+ 6.00	− 52.6	12 17 27.81	− 1.95	− 2 14 45.9	+11.9
56	B. D.+ 2°2539	9	20 57.14	+ 0.46	+10.93	323 35 55.68	45.062	+ 6.00	− 44.3	12 21 8.53	− 1.90	+ 2 34 14.8	+11.6
57	B. D.− 2°3519	9	21 54.73	+ 0.45	+10.93	318 1 57.50	44.162	+ 6.00	− 54.1	12 22 6.11	− 1.96	− 3 0 13.5	+11.7
58	B. D.− 1°2674	9	24 4.81	+ 0.45	+10.93	319 7 57.72	44.440	+ 6.00	− 52.0	12 24 16.19	− 1.95	− 1 54 4.8	+11.6
59	B. D.+ 3°2660	8	26 13.61	+ 0.46	+10.93	323 51 56.52	43.800	+ 6.00	− 43.9	12 26 25.00	− 1.90	+ 2 49 47.4	+11.4
60	B. D.+ 1°2721	9	30 46.24	+ 0.46	+10.93	322 9 56.72	44.652	+ 6.00	− 46.7	12 30 57.63	− 1.92	+ 1 8 4.3	+11.2
61	B. D.+ 4°2631	9	33 1.28	+ 0.47	+10.93	324 49 56.95	45.520	+ 6.00	− 42.4	12 33 12.68	− 1.89	+ 3 48 28.4	+11.1
62	χ Virginis	9	34 8.03	+ 0.44	+10.93	313 33 56.38	44.660	+ 6.00	−1 3.2	12 34 19.40	− 2.02	− 7 28 12.3	+11.1
63	B. D.+ 1°2739	9	36 59.51	+ 0.46	+10.93	322 3 56.45	42.265	+ 6.00	− 46.9	12 37 10.90	− 1.92	+ 1 1 9.3	+11.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 8 59	30.07	38.8	37.8
9 25	.....	....	37.2
9 49	30.08	37.5	36.8
10 13	.....	....	36.1
10 39	30.09	36.9	35.5
11 24	30.09	36.0	34.7
11 48	.....	....	34.3
12 18	30.09	35.1	34.0
12 38	.....	....	33.7

Micrometer bisections are made at II, VI, except as noted below.

1, 42.	Bisections at VI, VII.
3, 4, 10, 17, 21, 36, 46, 48, 56, 61.	Bisections at I, II.
14, 38.	Bisections at II, VII.
16.	Bisection at II.
35.	Bisections at II, III, IV, V, VI.
44.	Bisections at I, II, VI.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
35	+35 27.7	−16 34.8	...	+18 52.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 8°3424	9	41 58.21	+ 0.43	+10.93	312 19 55.75	46.555	+ 6.00	−1 6.0	12 42 9.57	− 2.04	− 8 41 32.7	+10.7
2	B. D.+ 0°2983	9	43 2.39	+ 0.46	+10.93	321 11 56.65	43.785	+ 6.00	− 48.4	12 43 13.78	− 1.93	+ 0 9 42.7	+10.8
3	B. D.+ 1°2758	9	44 58.63	+ 0.46	+10.93	322 13 55.88	42.395	+ 6.00	− 46.7	12 45 10.02	− 1.92	+ 1 11 11.9	+10.7
4	B. D.− 2°3593	9	48 6.75	+ 0.45	+10.93	317 59 57.00	44.645	+ 6.00	− 54.2	12 48 18.13	− 1.96	− 3 2 3.0	+10.5
5	B. D.+ 0°3002	9	50 34.22	+ 0.46	+10.93	321 35 55.22	45.568	+ 6.00	− 47.7	12 50 45.61	− 1.92	+ 0 34 22.8	+10.4
6	B. D.−10°3581	9	51 48.03	+ 0.43	+10.93	310 39 54.35	45.715	+ 6.00	−1 10.0	12 51 59.39	− 2.06	−10 21 57.0	+10.1
7	B. D.− 0°2641	9	55 2.58	+ 0.46	+10.93	320 21 55.15	43.930	+ 6.00	− 49.9	12 55 13.97	− 1.93	− 0 40 17.0	+10.3
8	B. D.− 4°3408	9	58 43.52	+ 0.44	+10.93	316 23 56.12	43.448	+ 6.00	− 57.3	12 58 54.89	− 1.98	− 4 38 34.4	+10.0
9	B. D.− 6°3732	9	0 41.40	+ 0.44	+10.93	313 53 57.22	42.940	+ 6.00	−1 2.6	13 0 52.77	− 2.01	− 7 8 50.1	+ 9.8
10	B. D.− 6°3750	9	4 37.37	+ 0.44	+10.93	313 53 57.10	43.192	+ 6.00	−1 2.6	13 4 48.74	− 2.01	− 7 8 44.5	+ 9.6
11	B. D.− 5°3653	9	7 13.96	+ 0.44	+10.93	315 1 55.82	46.315	+ 6.00	−1 0.1	13 7 25.33	− 1.99	− 5 59 31.9	+ 9.5
12	B. D.− 4°3452	9	10 55.39	+ 0.44	+10.93	315 51 56.38	45.605	+ 6.00	− 58.4	13 11 6.76	− 1.98	− 5 9 45.9	+ 9.3
13	B. D.− 7°3582	9	12 33.48	+ 0.43	+10.93	312 47 56.28	46.098	+ 6.00	−1 5.0	13 12 44.84	− 2.02	− 8 13 41.4	+ 9.0
14	B. D.− 6°3788	9	15 25.06	+ 0.44	+10.93	314 3 54.70	42.895	+ 6.00	−1 2.2	13 15 36.43	− 2.00	− 6 58 53.3	+ 9.0
15	B. D.−11°3498	9	16 54.37	+ 0.42	+10.93	308 57 54.38	43.820	+ 6.00	−1 14.4	13 17 5.72	− 2.08	−12 4 44.7	+ 8.5
16	B. D.− 8°3550	9	20 3.54	+ 0.43	+10.93	312 43 56.28	47.190	+ 6.00	−1 5.1	13 20 14.90	− 2.02	− 8 17 16.5	+ 8.7
17	B. D.−13°3716	9	24 42.41	+ 0.42	+10.93	307 31 56.02	44.675	+ 6.00	−1 18.3	13 24 53.76	− 2.07	−13 30 27.4	+ 8.1
18	B. D.−10°3699	9	26 51.07	+ 0.43	+10.93	310 15 55.22	46.315	+ 6.00	−1 11.1	13 27 2.43	− 2.05	−10 45 43.5	+ 8.1
19	B. D.−12°3843	9	29 24.88	+ 0.42	+10.93	308 17 55.90	47.228	+ 6.00	−1 16.2	13 29 36.23	− 2.08	−12 43 27.1	+ 7.7
20	B. D.−10°3724	9	33 15.67	+ 0.43	+10.93	310 25 55.22	42.935	+ 6.00	−1 10.7	13 33 27.03	− 2.04	−10 37 0.4	+ 7.7
21	B. D.−12°3873	9	37 10.72	+ 0.42	+10.93	307 57 55.80	44.122	+ 6.00	−1 17.1	13 37 22.07	− 2.07	−13 4 39.1	+ 7.2
22	B. D.−15°3735	9	40 15.58	+ 0.41	+10.93	305 43 52.92	48.280	+ 6.00	−1 23.6	13 40 26.92	− 2.11	−15 17 13.5	+ 6.8
23	B. D.− 6°3887	9	43 7.18	+ 0.44	+10.93	314 39 56.30	46.110	+ 6.00	−1 0.9	13 43 18.55	− 1.96	− 6 21 37.0	+ 7.6
24	B. D.− 4°3580	9	47 25.57	+ 0.44	+10.93	316 25 56.85	45.215	+ 6.00	− 57.3	13 47 36.94	− 1.93	− 4 35 53.3	+ 7.6
25	η Bootis	9	49 57.13	+ 0.50	**+10.95**	339 53 57.80	44.888	+ 6.00	− 22.0	13 50 8.56	.....	+18 52 35.1	....
26	τ Virginis	9	56 36.08	+ 0.46	**+10.92**	323 1 56.58	45.545	+ 6.00	− 45.4	13 56 47.47	.....	+ 2 0 25.9	....
	March 29, M.												
27	η Coronæ Borealis	9	19 4.29	+ 0.54	+10.88	351 39 59.02	42.472	+ 6.25	− 8.8	15 19 15.71	.....	+30 37 54.9	....
28	β Coronæ Borealis	9	23 42.27	+ 0.54	**+10.91**	350 25 59.08	48.140	+ 6.25	− 10.1	15 23 53.69	.....	+29 26 3.2	....
29	ζ Coronæ Borealis (*fol.*)	9	35 35.68	+ 0.55	+10.88	357 57 59.48	44.168	+ 6.25	− 2.1	15 35 47.11	− 1.37	+36 56 40.8	+ 9.8
30	α Serpentis	7	39 22.47	+ 0.49	**+10.89**	327 43 53.22	48.355	+ 6.25	− 38.1	15 39 33.84	.....	+ 6 43 34.5	....
31	ζ Ursæ Minoris	9	47 18.77	+ 0.78	+10.88	39 6 1.70	43.355	+ 6.25	+ 49.2	15 47 30.43	.....	+78 5 15.6	....
32	ε Coronæ Borealis	9	53 26.67	+ 0.53	**+10.89**	348 9 58.25	46.040	+ 6.25	− 12.6	15 53 38.08	.....	+27 9 11.8	....
33	θ Draconis	9	59 55.16	+ 0.62	+10.88	19 49 59.65	44.295	+ 6.25	+ 21.9	16 0 6.66	.....	+58 49 7.9	....
34	87 B. Draconis	9	5 53.42	+ 0.66	+10.88	29 4 1.22	44.985	+ 6.25	+ 33.7	16 6 4.96	.....	+68 3 36.9	....
35	σ^2 Coronæ Borealis	8	10 54.78	+ 0.55	+10.88	355 7 58.55	42.435	+ 6.25	− 5.1	16 11 6.21	.....	+34 5 57.2	....
36	ζ Herculis	8	16 41.10	+ 0.58	+10.88	7 34 2.10	42.728	+ 6.25	+ 8.1	16 16 52.56	.....	+46 32 20.6	....
37	ζ Herculis	9	37 29.77	+ 0.54	+10.88	352 48 0.35	43.800	+ 6.25	− 7.6	16 37 41.19	.....	+31 46 27.7	....
38	114 B. Draconis	9	43 18.08	+ 0.61	+10.88	17 58 0.88	44.120	+ 6.25	+ 19.7	16 43 29.57	.....	+56 57 2.7	....
39	κ Ophiuchi	7	52 57.29	+ 0.50	**+10.83**	330 31 57.10	47.542	+ 6.25	− 34.1	16 53 8.67	.....	+ 9 31 23.6	....
	March 30, M.												
40	Sun I, S.	9	33 56.06	+ 0.49	+10.88	324 33 56.70	43.365	+ 6.16	− 41.6	0 34 7.43	+64.41	+ 3 31 40.2	....
41	Sun II, N.	9	36 4.88	+ 0.49	+10.88	325 5 56.75	43.442	+ 6.16	− 40.8	0 36 16.25	−64.41	+ 4 3 42.7	....
	April 1, M.												
42	Moon II.	9	19 14.98	+ 0.35	+10.82	309 56	......	....	.....	14 19 26.15	−68.43	.. ..	....
43	57 B. Ursæ Minoris	9	7 55.33	+ 3.19	+10.82	48 36 0.18	44.964	+ 6.23	+1 4.3	15 8 9.34	.....	+87 36 5.5	....
44	η Coronæ Borealis	9	19 4.62	+ 0.48	+10.82	351 39 57.40	42.540	+ 6.23	− 8.3	15 19 15.92	.....	+30 37 55.3	....
45	β Coronæ Borealis	9	23 42.48	+ 0.47	**+10.83**	350 25 55.50	48.292	+ 6.23	− 9.5	15 23 53.77	.....	+29 26 3.6	....
46	γ Libræ	9	30 0.01	+ 0.33	**+10.81**	306 33 54.58	45.311	+ 6.23	−1 16.2	15 30 11.16	.....	−14 28 12.0	....
47	ζ Coronæ Borealis (*fol.*)	9	35 35.87	+ 0.50	+10.82	357 57 57.08	44.308	+ 6.23	− 2.0	15 35 47.19	− 1.44	+36 56 41.6	+ 9.3
48	α Serpentis	9	39 22.66	+ 0.40	**+10.85**	327 45 54.58	42.955	+ 6.23	− 35.7	15 39 33.88	.....	+ 6 43 34.6	....
49	ζ Ursæ Minoris	7	47 19.03	+ 1.00	+10.82	39 6 0.82	43.605	+ 6.23	+ 46.3	15 47 30.85	.....	+78 5 17.5	....
50	ε Coronæ Borealis	9	53 26.89	+ 0.47	**+10.80**	348 9 56.50	46.142	+ 6.23	− 11.8	15 53 38.18	.....	+27 9 13.2	....
51	151 H^1. Cephei s. P.	9	6 2.06	− 0.96	+10.82	55 42 0.60	43.276	+ 6.23	+1 23.4	4 6 11.92	.....	+85 18 12.6	....
52	τ Herculis	9	16 41.29	+ 0.54	+10.82	7 33 59.38	42.920	+ 6.23	+ 7.6	16 16 52.65	.....	+46 32 21.7	....
53	α Scorpii	9	23 21.96	+ 0.27	+10.82	294 49 52.85	45.116	+ 6.23	−2 2.2	16 23 33.05	.....	−26 13 4.1	....
54	34 Herculis	9	27 17.63	+ 0.56	+10.82	10 11 59.75	41.965	+ 6.23	+ 10.3	16 27 29.01	− 1.24	+49 10 3.2	+10.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 13 8	30.095	34.6	33.1
13 31	......	....	32.9
13 58	30.09	34.0	32.8
15 15	30.08	33.6	32.3
15 50	......	....	32.0
16 32	30.07	32.6	31.0
17 9	30.07	32.5	31.0
30 0 36	30.10	46.3	47.5
1 14 56	29.67	57.3	58.0
15 24	......	....	56.5
15 53	......	....	55.2
16 21	29.67	54.6	54.0

Micrometer bisections are made at II, VI, except as noted below.

1, 25, 40.	Bisections at I, II.
9, 11.	Bisections at II, VII.
30, 41.	Bisections at VI, VII.
31, 33, 49.	Bisections at III, V.
34.	Bisections at III, VI.
43.	Bisections at b_1, b_2, b_5, b_8, b_9.
46, 53.	Bisections at I, II, VI, VII.
51.	Bisections at b_1, b_5, b_8, b_9.
54.	Bisections at V, VI.

Notes.

17.	Micrometer reading increased 20 rev.
42–54.	Conditions poor.
48.	Circle reading increased 2′.
53.	Poor image.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
40	+ 5.1	+16 1.2	...	+16 6.3
41	+ 5.0	−16 1.2	...	−15 56.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Ophiuchi	9	31 42.66	+ 0.35	**+10.83**	310 39 54.40	44.445	+ 6.23	−1 6.2	16 31 53.83	.....	−10 22 22.0	....
2	35 B. Camelopardalis S. P.	8	35 43.06	− 0.03	+10.82	65 13 59.08	41.900	+ 6.23	+2 3.3	4 35 53.85	.....	+75 46 5.8	....
3	114 B. Draconis	8	43 18.22	+ 0.61	+10.82	17 57 59.55	44.275	+ 6.23	+ 18.6	16 43 29.65	.....	+56 57 4.0	....
4	49 Herculis	9	47 32.56	+ 0.43	+10.82	336 9 55.88	43.618	+ 6.23	− 25.2	16 47 43.81	.....	+15 8 1.5	....
5	κ Ophiuchi	9	52 57.48	+ 0.41	**+10.81**	330 31 55.20	47.545	+ 6.23	− 32.2	16 53 8.71	.....	+ 9 31 23.6	....
6	d Herculis	9	57 53.58	+ 0.49	+10.82	354 43 56.85	43.358	+ 6.23	− 5.2	16 58 4.89	.....	+33 42 16.5	....
7	η Ophiuchi	9	4 42.57	+ 0.32	**+10.82**	305 25 53.72	45.275	+ 6.23	−1 20.0	17 4 53.71	.....	−15 36 17.6	....
8	Venus II, C.	9	14 37.82	+ 0.36	+10.83	314 41 54.92	44.524	+ 6.05	− 57.2	23 14 49.01	− 0.38	− 6 20 10.8	....
	April 2, M.												
9	Sun I	9	44 50.94	+ 0.41	+10.83	325 58	......	....	. ....	0 45 2.18	+64.50	.. ..	....
10	Sun II	7	46 59.94	+ 0.41	+10.83	... .	......	....	. ....	0 47 11.18	−64.50	.. ..	....
11	Mercury C, C.	9	13 10.03	+ 0.42	+10.83	328 39 39.90	46.854	+ 6.25	− 34.3	1 13 21.28	+ 0.01	+ 7 38 50.4	....
	April 2, Ei.-Y.												
12	χ Geminorum	9	57 27.16	+ 0.45	**+10.93**	349 3 57.70	47.405	+ 5.58	− 10.9	7 57 38.50	.....	+28 3 43.5	....
13	B. D.+24°1863	9	1 56.67	+ 0.43	+10.89	345 19 56.55	42.150	+ 5.58	− 14.9	8 2 7.99	− 1.07	+24 17 38.0	+ 9.6
14	B. D.+14°1831	9	3 10.36	+ 0.40	+10.89	334 55 56.02	46.385	+ 5.58	− 26.6	8 3 21.65	− 1.06	+13 55 2.9	+13.2
15	β Cancri	9	11 8.46	+ 0.38	**+10.87**	330 29 54.42	45.725	+ 5.58	− 32.2	8 11 19.73	.....	+ 9 28 40.6	....
16	χ Cancri	9	14 3.88	+ 0.44	+10.89	348 31 57.30	47.195	+ 5.58	− 11.5	8 14 15.21	− 1.13	+27 31 37.7	+ 8.6
17	B. D.+18°1923	9	16 15.13	+ 0.41	+10.89	338 55 57.28	43.970	+ 5.58	− 21.9	8 16 26.43	− 1.12	+17 54 13.6	+11.9
18	B. D.+17°1842	9	20 13.73	+ 0.41	+10.89	338 23 55.82	42.405	+ 5.58	− 22.6	8 20 25.03	− 1.14	+17 21 35.7	+12.1
19	B. D.+21°1844	9	22 21.62	+ 0.43	+10.89	342 29 55.85	43.158	+ 5.58	− 18.0	8 22 32.94	− 1.15	+21 27 57.5	+10.7
20	B. D.+16°1754	8	27 4.10	+ 0.41	+10.89	337 5 56.42	42.775	+ 5.58	− 24.1	8 27 15.40	− 1.17	+16 3 43.3	+12.5
21	B. D.+20°2118	9	29 38.34	+ 0.42	+10.89	340 55 56.62	46.135	+ 5.58	− 19.7	8 29 49.65	− 1.18	+19 55 4.6	+11.3
22	B. D.+17°1896	9	32 52.91	+ 0.41	+10.89	338 23 56.48	47.555	+ 5.58	− 22.5	8 33 4.21	− 1.20	+17 23 34.2	+12.1
23	B. D.+19°2069	9	34 40.10	+ 0.42	+10.89	340 41 56.72	46.355	+ 5.58	− 20.0	8 34 51.41	− 1.21	+19 41 9.5	+11.4
24	B. D.+18°2022	9	37 30.77	+ 0.42	+10.89	339 31 56.35	42.150	+ 5.58	− 21.3	8 37 42.08	− 1.22	+18 29 31.4	+11.8
25	B. D.+10°1864	9	39 22.42	+ 0.39	+10.89	331 27 55.20	42.680	+ 5.58	− 31.0	8 39 33.70	− 1.23	+10 25 32.7	+14.4
26	B. D.+21°1909	9	40 38.48	+ 0.42	+10.89	341 59 55.82	43.000	+ 5.58	− 18.5	8 40 49.79	− 1.23	+20 57 53.4	+11.0
27	B. D.+18°2057	9	45 4.11	+ 0.42	+10.89	339 23 56.42	41.988	+ 5.58	− 21.5	8 45 15.42	− 1.25	+18 21 27.9	+11.8
28	B. D.+14°1989	9	48 17.41	+ 0.40	+10.89	335 13 55.65	42.115	+ 5.58	− 26.4	8 48 28.70	− 1.26	+14 11 25.1	+13.1
29	B. D.+18°2090	9	52 42.49	+ 0.42	+10.89	339 41 55.88	44.962	+ 5.58	− 21.1	8 52 53.80	− 1.28	+18 40 35.7	+11.7
30	ν Cancri	9	56 57.62	+ 0.44	+10.89	345 51 56.95	42.350	+ 5.58	− 14.4	8 57 8.95	− 1.30	+24 49 43.7	+ 9.8
31	B. D.+17°2007	9	0 42.77	+ 0.41	+10.89	338 31 55.70	42.565	+ 5.58	− 22.5	9 0 54.07	− 1.31	+17 29 39.3	+12.1
32	B. D.+17°2018	9	3 2.46	+ 0.41	+10.89	338 5 56.30	46.580	+ 5.58	− 23.0	9 3 13.76	− 1.32	+17 5 11.2	+12.2
33	B. D.+20°2282	9	6 8.29	+ 0.42	+10.89	341 45 56.65	44.950	+ 5.58	− 18.9	9 6 19.60	− 1.33	+20 44 38.4	+11.1
34	B. D.+15°2009	9	9 46.07	+ 0.41	+10.89	336 21 55.68	44.138	+ 5.58	− 25.1	9 9 57.37	− 1.35	+15 20 12.7	+12.8
35	B. D.+ 8°2199	9	12 33.96	+ 0.38	+10.89	329 21 54.55	45.828	+ 5.58	− 34.0	9 12 45.23	− 1.37	+ 8 20 41.3	+14.8
36	B. D.+22°2082	9	16 21.39	+ 0.43	+10.89	342 55 56.80	43.938	+ 5.58	− 17.6	9 16 32.71	− 1.37	+21 54 16.7	+10.8
37	B. D.+18°2182	9	18 59.43	+ 0.42	+10.89	339 35 56.90	41.015	+ 5.58	− 21.4	9 19 10.74	− 1.38	+18 33 6.2	+11.8
38	B. D.+14°2095	9	21 31.07	+ 0.40	+10.89	335 43 56.08	46.275	+ 5.58	− 25.9	9 21 42.36	− 1.40	+14 43 1.1	+12.9
39	B. D.+22°2100	9	24 47.01	+ 0.43	+10.89	343 15 55.85	42.960	+ 5.58	− 17.3	9 24 58.33	− 1.40	+22 13 53.7	+10.7
40	B. D.+ 7°2147	9	27 17.64	+ 0.38	+10.89	328 31 55.20	41.572	+ 5.58	− 35.2	9 27 28.91	− 1.44	+ 7 29 3.5	+14.9
41	B. D.+10°2026	9	30 30.13	+ 0.39	+10.89	331 19 55.25	43.010	+ 5.58	− 31.5	9 30 41.41	− 1.44	+10 17 40.1	+14.1
42	B. D.+17°2109	9	31 35.07	+ 0.41	+10.89	337 53 56.00	43.295	+ 5.58	− 23.4	9 31 46.37	− 1.43	+16 51 55.4	+12.2
43	B. D.+13°2136	9	35 12.66	+ 0.40	+10.89	334 31 56.00	41.905	+ 5.58	− 27.4	9 35 23.95	− 1.45	+13 29 19.7	+13.1
44	ψ Leonis	9	38 20.49	+ 0.40	+10.89	335 29 55.85	42.268	+ 5.58	− 26.3	9 38 31.78	− 1.46	+14 27 28.9	+12.8
45	B. D.+12°2096	9	42 14.01	+ 0.40	+10.89	332 53 54.75	44.490	+ 5.58	− 29.5	9 42 25.30	− 1.48	+11 52 15.4	+13.5
46	B. D.+21°2113	9	44 18.03	+ 0.43	+10.89	342 37 56.50	47.082	+ 5.58	− 18.0	9 44 29.35	− 1.48	+21 37 27.9	+10.8
47	23 Leonis	9	45 40.58	+ 0.40	+10.89	334 31 56.88	45.532	+ 5.58	− 27.4	9 45 51.87	− 1.49	+13 30 43.4	+13.1
48	B. D.+ 5°2248	9	48 56.01	+ 0.37	+10.89	326 25 55.32	43.225	+ 5.58	− 38.3	9 49 7.27	− 1.53	+ 5 23 38.3	+15.1
49	B. D.+18°2291	9	50 29.66	+ 0.42	+10.89	339 1 56.62	42.550	+ 5.58	− 22.1	9 50 40.97	− 1.50	+17 59 40.3	+11.8
50	B. D.+ 9°2269	9	52 52.85	+ 0.38	+10.89	329 47 55.80	44.300	+ 5.58	− 33.6	9 53 4.12	− 1.53	+ 8 46 8.0	+14.2
51	B. D.+ 5°2269	9	55 47.33	+ 0.37	+10.89	326 29 54.98	42.022	+ 5.58	− 38.2	9 55 58.59	− 1.55	+ 5 27 10.5	+15.0
52	B. D.+16°2077	9	0 18.72	+ 0.41	+10.89	337 13 55.90	46.918	+ 5.58	− 24.2	10 0 30.02	− 1.53	+16 13 17.3	+12.2
53	B. D.+10°2112	9	2 38.98	+ 0.39	+10.89	331 29 54.22	43.620	+ 5.58	− 31.3	10 2 50.26	− 1.56	+10 27 53.2	+13.7
54	B. D.+14°2217	9	6 18.79	+ 0.40	+10.89	334 51 56.25	42.498	+ 5.58	− 27.1	10 6 30.08	− 1.56	+13 49 33.8	+12.8
55	B. D.+ 6°2276	9	9 32.80	+ 0.37	+10.89	327 15 55.78	42.448	+ 5.58	− 37.1	10 9 44.06	− 1.60	+ 6 13 22.2	+14.6
56	ζ Leonis	9	11 11.43	+ 0.43	**+10.90**	344 53 56.55	47.350	+ 5.58	− 15.5	10 11 22.75	.....	+23 53 36.5	....
57	γ Leonis (*pr.*)	8	14 31.20	+ 0.42	**+10.86**	341 19 56.18	47.220	+ 5.58	− 19.5	10 14 42.51	.....	+20 19 28.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
h d m	in.	°	°
1 16 58	......	....	53.0
17 26	29.68	52.4	52.1
23 15	29.73	57.0	56.8
2 1 13	29.74	59.5	59.0
7 55	29.70	55.0	54.3
8 18	......	....	53.7
8 42	29.715	53.0	52.8
9 4	......	....	51.1
9 28	29.73	50.8	49.2
9 54	......	....	48.1

Micrometer bisections are made at II, VI, except as noted below.

2, 3.	Bisections at III, V.
7.	Bisections at I, II, VI.
8, 11.	Bisections at I, II, VI, VII.
13, 24, 25, 57.	Bisections at I, II.
30.	Bisections at II, VII.

Notes.

1-7. Conditions poor.
12-57. Thin clouds, haze; images bad.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 4.2	.. ....	− 0.1	+ 4.1
11	+ 3.6	.. ....	0.0	+ 3.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+12°2193	8	15 10.42	+ 0.40	+10.89	332 51 55.22	43.565	+ 5.58	− 29.6	10 15 21.71	− 1.59	+11 49 54.9	+13.2
2	ρ Leonis	9	27 35.83	+ 0.39	**+10.90**	330 47 55.92	48.710	+ 5.58	− 32.2	10 27 47.11	.....	+ 9 47 50.3	....
3	34 Sextantis	9	37 30.54	+ 0.37	**+10.88**	325 7 55.60	41.280	+ 5.58	− 40.3	10 37 41.80	.....	+ 4 4 51.8	....
4	41 Leonis Minoris	7	38 2.28	+ 0.43	**+10.83**	344 42	......	....	. ....	10 38 13.60	.....	+23 41	....
	April 2, M.												
5	Moon II, S	8	17 3.98	+ 0.35	+10.84	306 13 54.20	42.770	+ 5.42	−1 20.0	15 17 15.17	−68.25	−14 49 15.1	....
6	ε Coronæ Borealis	9	53 26.84	+ 0.48	**+10.86**	348 9 57.18	46.175	+ 5.29	− 12.3	15 53 38.16	.....	+27 9 13.2	....
7	θ Draconis	9	59 55.21	+ 0.64	+10.84	19 49 58.60	44.438	+ 5.24	+ 21.3	16 0 6.69	.....	+58 49 8.5	....
8	87 B. Draconis	9	5 53.42	+ 0.74	+10.84	29 4 0.02	45.200	+ 5.20	+ 32.9	16 6 5.00	.....	+68 3 38.8	....
9	σ² Coronæ Borealis	9	10 55.02	+ 0.50	+10.84	355 7 58.95	42.455	+ 5.16	− 5.0	16 11 6.36	.....	+34 5 57.1	....
10	τ Herculis	9	16 41.18	+ 0.56	+10.84	7 33 59.68	42.955	+ 5.12	+ 7.9	16 16 52.58	.....	+46 32 22.0	....
11	α Scorpii	9	23 21.82	+ 0.28	+10.84	294 49 53.98	45.375	+ 5.07	−2 6.6	16 23 32.94	.....	−26 13 2.6	....
12	34 Herculis	9	27 17.67	+ 0.57	+10.84	10 11 59.38	41.995	+ 5.04	+ 10.7	16 27 29.08	− 1.28	+49 10 2.5	+10.2
13	ζ Ophiuchi	9	31 42.66	+ 0.36	**+10.85**	310 39 53.75	44.610	+ 5.01	−1 8.5	16 31 53.86	.....	−10 22 22.4	....
14	35 B. Camelopardalis S. P.	9	35 42.90	− 0.02	+10.84	65 13 59.70	41.698	+ 4.98	+2 7.6	4 35 53.72	.....	+75 46 6.8	....
15	114 B. Draconis	7	43 18.16	+ 0.63	+10.84	17 58 0.20	44.230	+ 4.92	+ 19.2	16 43 29.63	.....	+56 57 2.9	....
16	49 Herculis	9	47 32.56	+ 0.44	+10.84	336 9 55.20	43.732	+ 4.89	− 26.0	16 47 43.84	.....	+15 8 1.3	....
17	κ Ophiuchi	9	52 57.48	+ 0.42	**+10.83**	330 31 57.15	47.578	+ 4.85	− 33.3	16 53 8.74	.....	+ 9 31 23.8	....
18	d Herculis	9	57 53.55	+ 0.50	+10.84	354 43 57.85	43.408	+ 4.81	− 5.4	16 58 4.89	.....	+33 42 17.0	....
	April 3, Ei.-Y.												
19	χ Geminorum	9	57 27.15	+ 0.43	**+10.94**	349 3 55.10	47.532	+ 5.78	− 11.4	7 57 38.47	.....	+28 3 43.5	....
20	β Cancri	9	11 8.43	+ 0.39	**+10.87**	330 29 55.82	45.705	+ 5.78	− 33.7	8 11 19.71	.....	+ 9 28 40.2	....
21	χ Cancri	9	14 3.83	+ 0.43	+10.89	348 31 57.55	47.190	+ 5.78	− 12.0	8 14 15.15	− 1.11	+27 31 37.5	+ 8.6
22	B. D.+18°1923	9	16 15.06	+ 0.41	+10.89	338 55 57.42	43.975	+ 5.78	− 22.9	8 16 26.36	− 1.10	+17 54 13.1	+11.9
23	B. D.+25°1920 (*south*)	9	20 47.16	+ 0.42	+10.89	345 51 57.40	45.350	+ 5.78	− 15.0	8 20 58.47	− 1.14	+24 50 52.3	+ 9.6
24	B. D.+21°1844	9	22 21.64	+ 0.42	+10.89	342 29 56.55	43.140	+ 5.78	− 18.8	8 22 32.95	− 1.14	+21 27 57.2	+10.7
25	B. D.+16°1754	9	27 4.03	+ 0.40	+10.89	337 5 58.08	42.745	+ 5.78	− 25.2	8 27 15.32	− 1.15	+16 3 43.3	+12.5
26	B. D.+20°2118	9	29 38.28	+ 0.41	+10.89	340 55 57.05	46.158	+ 5.78	− 20.6	8 29 49.58	− 1.17	+19 55 4.9	+11.3
27	B. D.+17°1896	9	32 52.88	+ 0.41	+10.89	338 23 55.72	47.630	+ 5.78	− 23.6	8 33 4.18	− 1.18	+17 23 34.2	+12.1
28	B. D.+19°2069	9	34 40.11	+ 0.41	+10.89	340 41 58.12	46.305	+ 5.78	− 20.9	8 34 51.41	− 1.19	+19 41 9.0	+11.4
29	B. D.+18°2022	9	37 30.74	+ 0.41	+10.89	339 31 56.00	42.200	+ 5.78	− 22.3	8 37 42.04	− 1.20	+18 29 31.7	+11.7
30	B. D.+22°1988	9	40 43.88	+ 0.42	+10.89	343 43 56.65	43.210	+ 5.78	− 17.4	8 40 55.19	− 1.22	+22 42 0.3	+10.4
31	B. D.+18°2057	9	45 4.11	+ 0.41	+10.89	339 23 56.22	42.025	+ 5.78	− 22.4	8 45 15.41	− 1.23	+18 21 27.8	+11.8
32	B. D.+14°1989	9	48 17.42	+ 0.40	+10.89	335 13 55.35	42.182	+ 5.78	− 27.5	8 48 28.71	− 1.25	+14 11 25.4	+13.1
33	B. D.+18°2090	9	52 42.51	+ 0.41	+10.89	339 41 56.25	44.980	+ 5.78	− 22.1	8 52 53.81	− 1.26	+18 40 35.7	+11.7
34	ν Cancri	9	56 57.60	+ 0.42	+10.89	345 51 57.58	42.332	+ 5.78	− 15.0	8 57 8.91	− 1.28	+24 49 43.6	+ 9.7
35	B. D.+21°1969	9	1 4.80	+ 0.42	+10.89	341 55 56.32	42.782	+ 5.78	− 19.5	9 1 16.11	− 1.30	+20 53 48.1	+11.0
36	B. D.+17°2018	9	3 2.43	+ 0.41	+10.89	338 5 56.10	46.645	+ 5.78	− 24.0	9 3 13.73	− 1.31	+17 5 11.7	+12.2
37	B. D.+20°2282	9	6 8.25	+ 0.42	+10.89	341 45 57.60	44.932	+ 5.78	− 19.7	9 6 19.56	− 1.32	+20 44 38.3	+11.1
38	B. D.+15°2009	9	9 46.00	+ 0.40	+10.89	336 21 55.55	44.178	+ 5.78	− 26.1	9 9 57.29	− 1.33	+15 20 12.7	+12.7
39	B. D.+ 8°2199	9	12 33.88	+ 0.38	+10.89	329 21 55.08	45.855	+ 5.78	− 35.4	9 12 45.15	− 1.36	+ 8 20 41.2	+14.8
40	B. D.+22°2082	9	16 21.39	+ 0.42	+10.89	342 55 57.42	43.902	+ 5.78	− 18.3	9 16 32.70	− 1.36	+21 54 16.0	+10.7
41	B. D.+14°2095	9	21 31.09	+ 0.40	+10.89	335 43 55.88	46.315	+ 5.78	− 26.9	9 21 42.38	− 1.38	+14 43 1.0	+12.9
42	B. D.+21°2036	9	23 47.42	+ 0.42	+10.89	342 21 56.08	43.000	+ 5.78	− 19.0	9 23 58.73	− 1.39	+21 19 53.0	+10.9
43	B. D.+22°2100	9	24 46.92	+ 0.42	+10.89	343 15 57.90	42.868	+ 5.78	− 18.0	9 24 58.23	− 1.39	+22 13 53.1	+10.6
44	B. D.+ 7°2147	9	27 17.55	+ 0.38	+10.89	328 31 55.08	41.588	+ 5.78	− 36.6	9 27 28.82	− 1.42	+ 7 29 2.8	+14.9
45	B. D.+17°2109	9	31 35.04	+ 0.41	+10.89	337 53 55.40	43.345	+ 5.78	− 24.3	9 31 46.34	− 1.42	+16 51 55.2	+12.2
46	B. D.+11°2071	9	33 26.67	+ 0.39	+10.89	332 13 56.02	45.175	+ 5.78	− 31.5	9 33 37.95	− 1.44	+11 12 30.5	+13.8
47	B. D.+13°2136	9	35 12.63	+ 0.40	+10.89	334 31 57.40	41.858	+ 5.78	− 28.5	9 35 23.92	− 1.44	+13 29 19.1	+13.1
48	ψ Leonis	9	38 20.53	+ 0.40	+10.89	335 29 56.25	42.272	+ 5.78	− 27.3	9 38 31.82	− 1.44	+14 27 28.6	+12.8
49	B. D.+12°2096	9	42 13.97	+ 0.40	+10.89	332 53 55.00	44.520	+ 5.78	− 30.6	9 42 25.26	− 1.47	+11 52 15.4	+13.5
50	23 Leonis	9	45 40.59	+ 0.40	+10.89	334 31 57.00	45.565	+ 5.78	− 28.5	9 45 51.88	− 1.48	+13 30 43.4	+13.0
51	B. D.+18°2291	9	50 29.69	+ 0.41	+10.89	339 1 55.55	42.620	+ 5.78	− 23.0	9 50 40.99	− 1.48	+17 59 40.2	+11.8
52	B. D.+ 9°2269	9	52 52.78	+ 0.38	+10.89	329 47 55.48	44.368	+ 5.78	− 34.9	9 53 4.05	− 1.52	+ 8 46 8.1	+14.2
53	B. D.+ 5°2269	9	55 47.31	+ 0.38	+10.89	326 29 55.45	42.085	+ 5.78	− 39.7	9 55 58.58	− 1.54	+ 5 27 11.2	+15.0
54	B. D.+16°2077	9	0 18.68	+ 0.41	+10.89	337 13 56.00	46.950	+ 5.78	− 25.1	10 0 29.98	− 1.52	+16 13 17.4	+12.2
55	B. D.+10°2112	8	2 38.92	+ 0.39	+10.89	331 29 56.05	43.570	+ 5.78	− 32.6	10 2 50.20	− 1.54	+10 27 52.8	+13.6
56	B. D.+14°2217	9	6 18.76	+ 0.40	+10.89	334 51 56.30	42.530	+ 5.78	− 28.2	10 6 30.05	− 1.55	+13 49 33.7	+12.8
57	B. D.+ 6°2276	8	9 32.74	+ 0.38	+10.89	327 15 55.68	42.505	+ 5.78	− 38.6	10 9 44.01	− 1.59	+ 6 13 22.3	+14.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 10 17	29.74	48.9	48.0
10 40	29.745	48.2	47.7
15 17	29.76	42.6	40.4
15 54	......	....	39.8
16 17	29.77	40.5	38.8
16 51	......	....	38.0
3 7 59	29.95	38.8	36.8
8 18	......	....	36.4
8 42	29.975	37.2	35.8
9 5	......	....	35.3
9 29	30.00	36.1	35.0
9 55	......	....	34.2

Micrometer bisections are made at II, VI, except as noted below.

1, 15, 44, 57.	Bisections at VI, VII.
3, 42.	Bisections at I, II.
5.	Bisections at II, III, IV, V, VI.
7, 8, 14.	Bisections at III, V.
24, 28, 31, 38, 48, 50, 51, 56.	Bisections at II, VII.

Notes.

1–4.	Conditions very poor.
5.	Micrometer reading decreased 1 rev.
11, 13, 16–18.	Clouds.
14.	Very poor; haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+46 54.1	+15 56.1	...	+62 50.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Leonis	9	11 11.39	+ 0.42	**+10.94**	344 53 55.95	47.408	+ 5.78	− 16.2	10 11 22.70	.....	+23 53 36.7	....
2	γ Leonis (*pr.*)	9	14 31.21	+ 0.41	**+10.85**	341 19 57.25	47.195	+ 5.78	− 20.2	10 14 42.51	.....	+20 19 28.9	....
3	B. D.+ 4°2313	9	15 22.58	+ 0.37	+10.89	325 7 57.38	44.532	+ 5.78	− 41.8	10 15 33.84	− 1.62	+ 4 6 7.2	+15.0
4	ρ Leonis	9	27 35.88	+ 0.39	**+10.84**	330 47 55.60	48.775	+ 5.78	− 33.6	10 27 47.16	.....	+ 9 47 50.3	....
5	34 Sextantis	9	37 30.54	+ 0.37	**+10.88**	325 5 55.35	46.630	+ 5.78	− 41.9	10 37 41.80	.....	+ 4 4 52.5	....
6	41 Leonis Minoris	9	38 2.21	+ 0.42	**+10.90**	344 41 58.30	46.562	+ 5.78	− 16.4	10 38 13.52	.....	+23 41 19.8	....
	April 3, R.												
7	Moon S.	.	.. ..	....	.....	303 43 53.78	44.586	+ 5.74	−1 31.0	16 13	.....	−17 18 44.9	....
8	ζ Ophiuchi	9	31 42.64	+ 0.43	**+10.82**	310 39 52.95	44.758	+ 5.74	−1 10.9	16 31 53.90	.....	−10 22 21.5	....
9	114 B. Draconis	9	43 18.26	+ 0.68	+10.83	17 57 59.60	44.198	+ 5.74	+ 19.9	16 43 29.77	.....	+56 57 2.9	....
10	κ Ophiuchi	8	52 57.40	+ 0.50	**+10.85**	330 31 54.98	47.652	+ 5.74	− 34.4	16 53 8.73	.....	+ 9 31 23.1	....
11	η Ophiuchi	9	4 42.53	+ 0.42	**+10.81**	305 25 55.32	45.460	+ 5.74	−1 25.6	17 4 53.78	.....	−15 36 17.7	....
12	*A* Ophiuchi (*south*)	5	9 17.00	+ 0.36	+10.83	294 35 52.82	44.212	+ 5.74	−2 12.6	17 9 28.19	.....	−26 27 35.9	....
13	*A* Ophiuchi (*north*)	5	9 17.07	+ 0.36	+10.83	294 35 52.82	44.385	+ 5.74	−2 12.6	17 9 28.26	.....	−26 27 31.5	....
14	74 B. Camelopardalis S. P.	7	26 41.84	+ 0.21	+10.83	65 59 57.78	44.368	+ 5.74	+2 17.2	5 26 52.88	.....	+74 58 56.9	....
15	ι Herculis	9	36 34.84	+ 0.63	+10.83	7 3 56.95	45.495	+ 5.74	+ 7.7	17 36 46.30	.....	+46 3 17.8	....
16	μ Herculis	9	42 31.71	+ 0.56	**+10.82**	348 47 58.05	44.240	+ 5.74	− 12.1	17 42 43.10	.....	+27 46 30.5	....
17	89 Herculis	9	51 22.41	+ 0.56	**+10.85**	347 4	......	....	. ....	17 51 33.80	.....	+26 3	....
18	ν Ophiuchi	9	53 34.35	+ 0.45	**+10.83**	311 15 53.52	46.528	+ 5.74	−1 9.6	17 53 45.63	.....	− 9 45 39.1	....
19	Venus II, C	9	23 45.83	+ 0.50	+10.85	315 37 54.60	42.916	+ 6.04	− 58.6	23 23 57.18	− 0.38	− 5 24 49.3	....
	April 4, R.												
20	Sun I, S.	9	52 8.02	+ 0.53	+10.85	326 27 56.00	46.970	+ 6.11	− 39.3	0 52 19.40	+64.60	+ 5 27 4.1	....
21	Sun II, N.	9	54 17.23	+ 0.53	+10.85	326 59 56.20	47.005	+ 6.11	− 38.5	0 54 28.61	−64.61	+ 5 59 5.8	....
22	Mercury C, C.	9	27 58.26	+ 0.54	+10.85	330 31 56.05	46.868	+ 6.06	− 33.5	1 28 9.65	+ 0.01	+ 9 31 7.5	....
	April 4, Ei.-Y.												
23	β Cancri	9	11 8.32	+ 0.42	**+10.94**	330 29 54.68	45.772	+ 5.23	− 33.3	8 11 19.65	.....	+ 9 28 40.5	....
24	B. D.+27°1612 (*mean*)	9	20 48.62	+ 0.46	+10.91	348 15 58.58	45.072	+ 5.23	− 12.2	8 20 59.99	− 1.12	+27 14 49.4	+ 8.7
25	B. D.+20°2144	9	33 28.40	+ 0.45	+10.91	340 57 57.02	42.370	+ 5.23	− 20.3	8 33 39.76	− 1.17	+19 55 38.0	+11.2
26	B. D.+20°2178	9	35 32.87	+ 0.45	+10.91	341 49 56.65	45.690	+ 5.23	− 19.3	8 35 44.23	− 1.18	+20 48 54.5	+10.9
27	γ Cancri	9	37 33.77	+ 0.45	**+10.93**	342 49 56.65	45.042	+ 5.23	− 18.2	8 37 45.13	.....	+21 48 40.8	....
28	B. D.+21°1909	9	40 38.36	+ 0.45	+10.91	341 59 57.08	42.940	+ 5.23	− 19.2	8 40 49.72	− 1.20	+20 57 52.2	+10.9
29	B. D.+17°2004	9	0 12.30	+ 0.44	+10.91	338 47 57.18	44.015	+ 5.23	− 22.9	9 0 23.65	− 1.28	+17 46 13.2	+12.0
30	κ Cancri	9	2 22.84	+ 0.43	**+10.98**	332 3 56.50	46.638	+ 5.23	− 31.3	9 2 34.18	.....	+11 3 4.1	....
31	B. D.+19°2171	9	5 18.14	+ 0.44	+10.91	340 17 57.32	44.970	+ 5.23	− 21.1	9 5 29.49	− 1.30	+19 16 37.0	+11.5
32	B. D.+23°2107	9	26 4.73	+ 0.45	+10.91	344 23 56.48	46.730	+ 5.23	− 16.4	9 26 16.09	− 1.38	+23 23 20.7	+10.2
33	ξ Leonis	9	26 36.41	+ 0.43	**+10.93**	332 43 56.12	47.205	+ 5.23	− 30.4	9 26 47.75	.....	+11 43 17.8	....
34	B. D.+ 8°2316	9	59 50.37	+ 0.42	+10.91	329 27 55.60	47.125	+ 5.23	− 34.8	10 0 1.70	− 1.53	+ 8 27 10.8	+14.2
35	B. D.+14°2202	9	1 41.65	+ 0.44	+10.91	335 39 57.05	42.002	+ 5.23	− 26.7	10 1 53.00	− 1.52	+14 37 23.3	+12.6
36	B. D.+ 6°2265	9	4 3.29	+ 0.41	+10.91	327 39 54.78	44.890	+ 5.23	− 37.4	10 4 14.61	− 1.56	+ 6 38 16.3	+14.6
37	B. D.+17°2212	9	17 13.44	+ 0.44	+10.91	338 15 57.22	41.880	+ 5.23	− 23.6	10 17 24.79	− 1.56	+17 13 23.7	+11.8
38	B. D.+12°2211	9	21 57.08	+ 0.43	+10.91	332 49 55.25	44.205	+ 5.23	− 30.3	10 22 8.42	− 1.59	+11 48 8.2	+13.0
39	B. D.+ 3°2371	9	23 51.24	+ 0.40	+10.91	324 9 55.98	44.600	+ 5.23	− 42.7	10 24 2.55	− 1.64	+ 3 8 5.6	+15.0
40	ρ Leonis	9	27 35.78	+ 0.42	**+10.90**	330 47 56.45	48.750	+ 5.23	− 33.0	10 27 47.11	.....	+ 9 47 50.6	....
41	B. D.+ 5°2394	9	41 26.37	+ 0.41	+10.91	326 11 55.05	41.890	+ 5.23	− 39.6	10 41 37.69	− 1.69	+ 5 9 5.8	+14.1
42	*l* Leonis	9	44 3.05	+ 0.43	**+10.96**	332 3 55.28	46.520	+ 5.23	− 31.3	10 44 14.39	.....	+11 3 0.2	....
43	B. D.+ 1°2495	9	47 8.17	+ 0.40	+10.91	322 33 55.92	44.120	+ 5.23	− 45.3	10 47 19.48	− 1.73	+ 1 31 52.0	+14.7
44	B. D.+ 6°2369	9	50 52.79	+ 0.41	+10.91	327 43 54.50	43.298	+ 5.23	− 37.3	10 51 4.11	− 1.71	+ 6 41 39.8	+13.6
45	B. D.+ 8°2445	9	54 23.35	+ 0.42	+10.91	328 45 55.15	44.610	+ 5.23	− 35.8	10 54 34.68	− 1.71	+ 7 44 11.9	+13.3
46	B. D.+ 9°2441	9	57 22.99	+ 0.42	+10.91	330 43 56.70	41.738	+ 5.23	− 33.2	10 57 34.32	− 1.71	+ 9 41 10.4	+12.9
47	p^4 Leonis	9	1 50.87	+ 0.40	+10.91	323 29 55.32	45.470	+ 5.23	− 43.7	11 2 2.18	.....	+ 2 28 23.8	....
48	B. D.+ 5°2451	9	3 38.85	+ 0.41	+10.91	326 31 55.72	45.580	+ 5.23	− 39.1	11 3 50.17	− 1.75	+ 5 30 31.3	+13.5
49	δ Leonis	9	8 50.60	+ 0.45	**+10.95**	342 3 56.22	45.515	+ 5.23	− 19.1	11 9 1.96	.....	+21 2 50.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 10 17	30.035	35.0	33.8
10 40	30.05	35.7	33.0
16 13	30.13	30.7	28.7
16 32	......	....	28.2
16 58	30.13	30.0	28.0
17 40	......	....	27.2
17 54	30.15	29.0	26.9
23 24	30.25	39.0	38.2
4 0 54	30.235	42.2	41.9
1 28	30.23	43.2	43.0
8 9	30.14	44.0	45.2
8 32	......	....	44.4
8 58	30.15	42.2	43.9
9 24	......	....	43.7
9 56	30.135	41.0	43.2
10 26	......	....	43.0
10 38	30.13	40.1	42.8
11 10	30.13	40.0	42.9

Micrometer bisections are made at II, VI, except as noted below.

2, 12, 14, 20, 32.	Bisections at I, II.
3, 6, 13, 21, 33.	Bisections at VI, VII.
5.	Bisection at II.
7.	Bisections at II, III, IV, VI.
19, 22.	Bisections at I, II, VI, VII.
23, 30, 45.	Bisections at II, VII.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
7	+47 35.1	+15 40.7	...	+63 15.8
19	+ 4.1	.. ....	− 0.1	+ 4.0
20	+ 4.8	+16 0.8	...	+16 5.6
21	+ 4.7	−16 0.8	...	−15 56.1
22	+ 3.4	.. ....	+ 0.1	+ 3.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	April 4, Br.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	57 B. Ursæ Minoris	9	7 57.44	+ 2.73	+10.77	48 36 0.50	44.893	+ 5.12	+1 7.6	15 8 10.94	.....	+87 36 6.3	....
2	γ Libræ	7	30 0.01	+ 0.40	**+10.80**	306 33 53.85	45.582	+ 5.12	−1 19.9	15 30 11.18	.....	−14 28 11.0	....
3	ζ Coronæ Borealis (*fol.*)	9	35 35.99	+ 0.55	+10.77	357 57 58.20	44.342	+ 5.12	− 2.1	15 35 47.31	− 1.51	+36 56 42.3	+ 8.7
4	α Serpentis	8	39 22.77	+ 0.46	**+10.74**	327 43 55.02	48.340	+ 5.12	− 37.4	15 39 34.00	.....	+ 6 43 35.5	....
5	ζ Ursæ Minoris	9	47 19.46	+ 0.96	+10.77	39 6 0.08	43.608	+ 5.12	+ 48.5	15 47 31.19	.....	+78 5 18.0	....
6	ε Coronæ Borealis	9	53 26.97	+ 0.52	**+10.73**	348 9 56.92	46.228	+ 5.12	− 12.4	15 53 38.26	.....	+27 9 13.9	....
7	151 H¹. Cephei s. P.	9	6 1.17	− 0.63	+10.77	55 41 58.98	43.247	+ 5.12	+1 27.2	4 6 11.31	.....	+85 18 12.2	....
8	τ Herculis	9	16 41.38	+ 0.59	+10.77	7 33 58.75	43.028	+ 5.12	+ 8.0	16 16 52.74	.....	+46 32 23.0	....
9	α Scorpii	9	23 21.99	+ 0.34	+10.77	294 49 53.68	45.342	+ 5.12	−2 7.7	16 23 33.10	.....	−26 13 4.8	....
10	34 Herculis	9	27 17.84	+ 0.60	+10.77	10 11 58.60	42.008	+ 5.12	+ 10.8	16 27 29.21	− 1.34	+49 10 2.3	+ 9.8
11	ζ Ophiuchi	9	31 42.77	+ 0.41	**+10.73**	310 39 53.45	44.662	+ 5.12	−1 9.1	16 31 53.95	.....	−10 22 21.7	....
12	35 B. Camelopardalis s. P.	7	35 42.80	+ 0.13	+10.77	65 14 0.32	41.678	+ 5.12	+2 8.7	4 35 53.70	.....	+75 46 5.5	....
13	114 B. Draconis	9	43 18.47	+ 0.65	+10.77	17 58 0.02	44.258	+ 5.12	+ 19.4	16 43 29.89	.....	+56 57 3.7	....
14	49 Herculis	9	47 32.66	+ 0.49	+10.77	336 9 55.62	43.740	+ 5.12	− 26.3	16 47 43.92	.....	+15 8 1.9	....
15	κ Ophiuchi	9	52 57.57	+ 0.47	**+10.74**	330 31 57.40	47.575	+ 5.12	− 33.6	16 53 8.81	.....	+ 9 31 24.0	....
16	*d* Herculis	9	57 53.66	+ 0.54	+10.77	354 43 57.18	43.458	+ 5.12	− 5.4	16 58 4.97	.....	+33 42 18.0	....
17	Moon II, S.	9	10 49.47	+ 0.39	+10.77	302 15 53.22	44.688	+ 5.12	−1 34.1	17 11 0.63	−67.31	−18 46 46.6	....
18	θ Ophiuchi	8	15 57.31	+ 0.35	+10.77	296 7 55.10	47.562	+ 5.12	−2 0.6	17 16 8.43	.....	−24 54 5.5	....
19	σ Ophiuchi	9	21 35.08	+ 0.46	**+10.78**	325 13 55.32	48.040	+ 5.12	− 41.3	17 21 46.31	.....	+ 4 13 24.8	....
20	74 B. Camelopardalis s. P.	9	26 42.26	+ 0.15	+10.77	65 59 59.55	44.517	+ 5.12	+2 13.7	5 26 53.18	.....	+74 58 56.3	....
21	ξ Serpentis	9	31 55.59	+ 0.39	**+10.69**	305 41 54.38	45.628	+ 5.12	−1 22.7	17 32 6.75	.....	−15 20 12.6	....
22	ι Herculis	9	36 35.03	+ 0.58	+10.77	7 3 57.38	45.540	+ 5.12	+ 7.5	17 36 46.38	.....	+46 3 18.4	....
23	μ Herculis	9	42 31.85	+ 0.52	**+10.75**	348 47 58.50	44.252	+ 5.12	− 11.8	17 42 43.14	.....	+27 46 30.9	....
24	*z* Herculis	9	47 22.27	+ 0.59	+10.77	9 25 58.38	44.745	+ 5.12	+ 10.0	17 47 33.63	− 0.96	+48 25 3.9	+ 9.9
25	ξ Draconis	9	51 41.64	+ 0.65	+10.77	17 53 59.78	44.402	+ 5.12	+ 19.4	17 51 53.06	.....	+56 53 6.8	....
26	72 Ophiuchi	9	2 37.68	+ 0.47	**+10.77**	330 33 56.80	46.510	+ 5.12	− 33.6	18 2 48.92	.....	+ 9 32 59.1	....
27	Venus II, C.	9	28 19.42	+ 0.44	+10.78	316 5 55.82	42.526	+ 6.26	− 55.6	23 28 30.64	− 0.38	− 4 56 53.8	....
	April 5, Br.												
28	Sun I, N.	9	55 47.02	+ 0.45	+10.78	327 23 54.75	43.855	+ 6.36	− 36.6	0 55 58.25	+64.67	+ 6 21 54.6	....
29	Sun II, S.	9	57 56.37	+ 0.45	+10.78	326 51 54.85	43.810	+ 6.36	− 37.4	0 58 7.60	−64.68	+ 5 49 52.8	....
30	Mercury C, C.	9	35 20.02	+ 0.45	+10.78	331 27 55.20	44.215	+ 6.91	− 31.0	1 35 31.25	+ 0.02	+10 26 9.4	....
31	χ Geminorum	9	57 27.22	+ 0.47	**+10.78**	349 3 55.72	47.462	+ 6.36	− 11.0	7 57 38.47	.....	+28 3 43.5	....
32	ψ Cancri	9	4 30.17	+ 0.46	+10.78	346 49 54.88	42.565	+ 6.36	− 13.3	8 4 41.41	− 1.03	+25 47 48.5	+ 9.1
33	β Cancri	9	11 8.47	+ 0.41	**+10.78**	330 29 53.50	45.720	+ 6.36	− 32.3	8 11 19.66	.....	+ 9 28 40.2	....
34	*d*¹ Cancri	9	17 41.94	+ 0.44	+10.78	339 39 54.55	44.150	+ 6.36	− 21.2	8 17 53.16	.....	+18 38 16.5	....
35	29 Cancri	9	23 5.92	+ 0.43	+10.78	335 33 54.78	42.435	+ 6.36	− 26.0	8 23 17.13	− 1.10	+14 31 32.5	+13.0
36	η Cancri	9	26 59.43	+ 0.45	**+10.80**	341 45 55.15	48.312	+ 6.36	− 18.8	8 27 10.66	.....	+20 45 54.3	....
37	27 B. Ursæ Majoris	9	32 1.06	+ 0.63	+10.78	14 3 56.78	44.198	+ 6.36	+ 14.4	8 32 12.47	− 1.29	+53 2 55.4	+ 0.4
38	γ Cancri	9	37 33.89	+ 0.46	**+10.78**	342 49 54.32	45.080	+ 6.36	− 17.7	8 37 45.13	.....	+21 48 41.0	....
39	ζ Hydræ	9	50 9.28	+ 0.40	**+10.81**	327 19 52.48	45.342	+ 6.36	− 36.8	8 50 20.46	.....	+ 6 18 26.1	....
	April 5, Ei.-Y.												
40	π Leonis	9	54 58.67	+ 0.40	**+10.93**	329 31 54.95	44.208	+ 6.33	− 33.9	9 55 9.99	.....	+ 8 30 5.5	....
41	B. D.+ 6°2259	9	1 36.53	+ 0.39	+10.92	327 5 55.88	45.575	+ 6.33	− 37.3	10 1 47.84	− 1.54	+ 6 4 34.0	+14.8
42	B. D.+15°2167	9	2 17.89	+ 0.43	+10.92	336 39 54.65	42.402	+ 6.33	− 24.9	10 2 29.24	− 1.51	+15 37 33.2	+12.2
43	B. D.+ 8°2327	9	5 41.54	+ 0.40	+10.92	329 11 54.58	43.608	+ 6.33	− 34.4	10 5 52.86	− 1.54	+ 8 9 50.9	+14.2
44	B. D.+16°2098	9	9 9.72	+ 0.44	+10.92	337 37 54.82	45.432	+ 6.33	− 23.7	10 9 21.08	− 1.53	+16 36 43.5	+11.9
45	B. D.+13°2237	9	13 5.39	+ 0.42	+10.92	334 7 54.98	43.620	+ 6.33	− 28.0	10 13 16.73	− 1.55	+13 5 58.0	+12.8
46	B. D.+ 3°2352	9	15 54.93	+ 0.38	+10.92	323 47 54.32	44.725	+ 6.33	− 42.2	10 16 6.23	− 1.61	+ 2 46 8.4	+15.3
47	B. D.+14°2237	9	18 7.23	+ 0.43	+10.92	335 25 54.68	41.758	+ 6.33	− 26.4	10 18 18.58	− 1.56	+14 23 16.7	+12.4
48	B. D.+10°2152	9	22 25.12	+ 0.41	+10.92	331 15 54.75	46.282	+ 6.33	− 31.6	10 22 36.45	− 1.59	+10 14 55.0	+13.4
49	B. D.+ 7°2314	9	25 16.62	+ 0.40	+10.92	328 33 54.42	46.310	+ 6.33	− 35.3	10 25 27.94	− 1.61	+ 7 32 51.6	+14.0
50	ρ Leonis	9	27 35.80	+ 0.41	**+10.88**	330 49 53.42	43.540	+ 6.33	− 32.2	10 27 47.13	.....	+ 9 47 50.4	....
51	B. D.+10°2176	9	31 59.86	+ 0.41	+10.92	330 53 53.75	44.500	+ 6.33	− 32.1	10 32 11.19	− 1.62	+ 9 52 12.8	+13.3
52	B. D.+ 9°2388	9	36 12.05	+ 0.41	+10.92	330 5 55.35	43.030	+ 6.33	− 33.2	10 36 23.38	− 1.64	+ 9 3 39.7	+13.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 15 0	30.09	38.9	40.1
15 53	......	....	40.0
16 8	30.09	39.4	39.9
16 48	......	....	39.2
16 58	......	....	39.0
17 6	30.09	39.0	....
17 43	......	....	38.8
18 3	30.095	38.0	37.8
23 28	30.13	52.5	54.0
5 0 58	30.10	56.3	57.2
1 35	30.085	57.7	58.7
7 54	29.99	56.3	57.9
8 32	......	....	56.9
8 50	29.99	53.8	54.6
9 53	29.97	51.5	52.3
10 19	......	....	51.8

Micrometer bisections are made at II, VI, except as noted below.

1, 5, 7, 20.	Bisections at III, IV, V.
2, 4, 11, 16, 29, 42.	Bisections at VI, VII.
8, 10, 13, 24, 25, 37.	Bisections at III, V.
12.	Bisections at III, IV.
17.	Bisections at II, III, IV, V, VI.
27, 30.	Bisections at I, II, VI, VII.
28, 35, 36, 41.	Bisections at I, II.

Notes.

21. One microscope reading increased 10″.
22. Unsteady.
40–52. Images generally poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
17	+47 37.5	+15 25.8	...	+63 3.3
27	+ 4.1	.. ....	− 0.1	+ 4.0
28	+ 4.7	−16 0.9	...	−15 56.2
29	+ 4.8	+16 0.8	...	+16 5.6
30	+ 3.4	.. ....	+ 0.1	+ 3.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 3°2408	9	40 3.11	+ 0.39	+10.92	324 1 55.05	42.645	+ 6.33	− 41.9	10 40 14.42	− 1.69	+ 2 59 21.6	+14.6
2	B. D.+11°2277	9	41 23.74	+ 0.32	+10.92	332 43 54.08	42.245	+ 6.33	− 29.8	10 41 34.98	− 1.64	+11 41 24.1	+12.7
3	*l* Leonis	9	44 3.08	+ 0.42	**+10.92**	332 3 53.25	46.545	+ 6.33	− 30.6	10 44 14.42	....	+11 3 0.5	....
4	B. D.+ 5°2412	9	47 28.18	+ 0.40	+10.92	326 31 54.08	45.780	+ 6.33	− 38.2	10 47 39.50	− 1.70	+ 5 30 36.3	+13.9
5	B. D.+ 1°2502	9	51 5.56	+ 0.38	+10.92	321 57 55.05	45.768	+ 6.33	− 45.2	10 51 16.86	− 1.74	+ 0 56 30.0	+14.7
6	B. D.+ 5°2425	9	54 27.41	+ 0.40	+10.92	325 53 54.48	43.945	+ 6.33	− 39.2	10 54 38.73	− 1.71	+ 4 51 53.7	+12.9
7	B. D.+ 0°2729	9	58 32.31	+ 0.38	+10.92	321 31 54.42	46.468	+ 6.33	− 46.0	10 58 43.61	− 1.77	+ 0 30 44.5	+14.6
8	B. D.+ 7°2417	9	3 5.48	+ 0.41	+10.92	328 7 55.62	42.528	+ 6.33	− 36.0	11 3 16.81	− 1.73	+ 7 5 25.7	+13.2
9	B. D.+12°2307	9	5 26.37	+ 0.42	+10.92	332 51 54.15	41.650	+ 6.33	− 29.7	11 5 37.71	− 1.71	+11 49 10.4	+12.3
10	B. D.+ 6°2422	9	9 25.30	+ 0.41	+10.92	327 31 54.60	46.082	+ 6.33	− 36.8	11 9 36.63	− 1.75	+ 6 30 45.1	+13.2
11	φ Leonis	9	11 37.41	+ 0.37	+10.92	317 53 55.40	45.240	+ 6.33	− 52.3	11 11 48.70	− 1.84	− 3 7 48.8	+14.7
12	B. D.+ 2°2411	9	13 49.90	+ 0.39	+10.92	323 11 54.30	45.482	+ 6.33	− 43.3	11 14 1.21	− 1.80	+ 2 10 24.6	+13.8
13	σ Leonis	9	16 1.71	+ 0.41	**+10.89**	327 35 55.12	41.835	+ 6.33	− 36.8	11 16 13.04	....	+ 6 33 8.5	....
14	B. D.+ 2°2418	9	18 57.31	+ 0.39	+10.92	322 57 55.15	44.100	+ 6.33	− 43.7	11 19 8.62	− 1.81	+ 1 55 53.5	+13.7
15	83 Leonis	9	21 44.33	+ 0.40	+10.92	324 33 55.10	44.240	+ 6.33	− 41.2	11 21 55.65	....	+ 3 31 59.1	....
16	B. D.+ 4°2480	9	24 30.38	+ 0.40	+10.92	325 19 54.88	45.085	+ 6.33	− 40.1	11 24 41.70	− 1.80	+ 4 18 19.3	+13.2
17	B. D.+ 1°2580	9	28 18.89	+ 0.39	+10.92	322 21 55.38	43.975	+ 6.33	− 44.7	11 28 30.20	− 1.84	+ 1 19 49.8	+13.5
18	υ Leonis	9	31 52.63	+ 0.38	**+10.89**	320 43 53.25	45.058	+ 6.33	− 47.4	11 32 3.93	....	− 0 17 50.2	....
19	B. D.+ 5°2525	9	35 23.52	+ 0.41	+10.92	326 41 54.22	44.540	+ 6.33	− 38.1	11 35 34.85	− 1.82	+ 5 40 8.2	+12.6
20	B. D.+ 1°2608	9	40 2.46	+ 0.39	+10.92	322 27 55.55	45.398	+ 6.33	− 44.6	11 40 13.77	− 1.86	+ 1 26 22.6	+13.0
21	B. D.+ 9°2549	9	42 49.49	+ 0.42	+10.92	329 47 54.32	45.508	+ 6.33	− 33.8	11 43 0.83	− 1.81	+ 8 46 34.7	+12.0
22	B. D.− 1°2576	9	45 22.42	+ 0.38	+10.92	319 7 55.28	46.682	+ 6.33	− 50.2	11 45 33.72	− 1.91	− 1 53 14.1	+13.2
23	B. D.+ 7°2489	8	46 28.84	+ 0.42	+10.92	328 25 53.65	45.265	+ 6.33	− 35.6	11 46 40.18	− 1.82	+ 7 24 26.7	+12.1
24	B. D.+ 4°2553	9	53 9.32	+ 0.40	+10.92	325 1 54.50	46.435	+ 6.33	− 40.6	11 53 20.64	− 1.86	+ 4 0 49.3	+12.3
25	B. D.− 0°2520	9	55 57.53	+ 0.38	+10.92	319 47 54.28	44.418	+ 6.33	− 49.1	11 56 8.83	− 1.92	− 1 14 5.6	+12.8
26	B. D.− 0°2532	9	0 11.37	+ 0.39	+10.92	320 3 54.28	42.635	+ 6.33	− 48.6	12 0 22.68	− 1.92	− 0 58 45.8	+12.6
27	B. D.+ 1°2656	9	2 56.27	+ 0.40	+10.92	322 11 54.68	42.365	+ 6.33	− 45.1	12 3 7.59	− 1.91	+ 1 9 11.9	+12.2
28	10 Virginis	8	4 36.80	+ 0.40	+10.92	323 27 55.60	44.440	+ 6.33	− 43.0	12 4 48.12	− 1.89	+ 2 26 2.4	+12.0
29	B. D.− 3°3249	9	7 9.50	+ 0.38	+10.92	317 9 53.95	44.225	+ 6.33	− 53.8	12 7 20.80	− 1.97	− 3 52 15.0	+12.5
30	γ Corvi	9	10 43.03	+ 0.33	**+10.88**	304 1 52.72	44.415	+ 6.33	−1 25.9	12 10 54.28	....	−17 0 43.9	....
31	η Virginis	9	14 50.34	+ 0.39	**+10.90**	320 53 53.85	44.110	+ 6.33	− 47.2	12 15 1.65	....	− 0 8 11.1	....
32	θ Virginis	9	4 49.51	+ 0.38	**+10.86**	315 59 54.18	45.625	+ 6.33	− 56.2	13 5 0.81	....	− 5 1 45.1	....
33	B. D.− 0°2668	9	7 40.67	+ 0.40	+10.92	319 45 54.18	47.155	+ 6.33	− 49.2	13 7 51.99	− 1.98	− 1 15 3.2	+ 9.7
34	B. D.− 8°3514	9	9 32.89	+ 0.37	+10.92	311 57 53.25	47.995	+ 6.33	−1 4.6	13 9 44.18	− 2.09	− 9 3 0.3	+ 9.5
35	B. D.− 6°3776	9	11 40.79	+ 0.38	+10.92	314 35 53.82	45.610	+ 6.33	− 59.0	13 11 52.09	− 2.05	− 6 25 48.6	+ 9.4
36	B. D.− 0°2678	9	13 53.91	+ 0.40	+10.92	320 15 54.12	44.822	+ 6.33	− 48.4	13 14 5.23	− 1.98	− 0 45 55.8	+ 9.4
37	B. D.− 5°3678	8	17 22.61	+ 0.38	+10.92	315 19 53.98	45.305	+ 6.33	− 57.5	13 17 33.91	− 2.04	− 5 41 54.0	+ 9.2
38	α Virginis	9	19 58.96	+ 0.36	**+10.90**	310 21 53.05	46.182	+ 6.33	−1 8.4	13 20 10.24	....	−10 39 45.7	....
39	B. D.− 0°2686	9	21 7.02	+ 0.40	+10.92	320 19 53.68	45.320	+ 6.33	− 48.3	13 21 18.34	− 1.98	− 0 41 44.7	+ 9.1
40	B. D.− 6°3827	9	25 12.89	+ 0.38	+10.92	313 49 53.90	43.680	+ 6.33	−1 0.7	13 25 24.19	− 2.06	− 7 12 34.4	+ 8.7
41	B. D.−14°3739	9	27 34.72	+ 0.34	+10.92	306 9 53.02	45.270	+ 6.33	−1 19.6	13 27 45.98	− 2.18	−14 52 17.8	+ 8.2
42	B. D.− 7°3661 (*mean*)	9	32 24.16	+ 0.37	+10.92	313 37 54.45	47.680	+ 6.33	−1 1.1	13 32 35.45	− 2.06	− 7 23 2.8	+ 8.3
43	B. D.−11°3562	9	34 2.54	+ 0.36	+10.92	309 25 54.50	44.800	+ 6.33	−1 10.8	13 34 13.82	− 2.13	−11 36 18.2	+ 8.0
44	B. D.− 4°3540	9	38 45.23	+ 0.38	+10.92	315 59 53.92	47.470	+ 6.33	− 56.2	13 38 56.53	− 2.02	− 5 1 3.3	+ 8.1
45	B. D.− 8°3639	9	41 59.71	+ 0.37	+10.92	311 47 53.22	45.838	+ 6.33	−1 5.2	13 42 11.00	− 2.08	− 9 13 50.2	+ 7.6
46	B. D.−14°3806	9	43 34.82	+ 0.35	+10.92	306 47 54.35	43.508	+ 6.33	−1 17.9	13 43 46.09	− 2.16	−14 14 55.0	+ 7.2
47	B. D.− 5°3774	9	47 43.43	+ 0.38	+10.92	314 59 54.18	47.615	+ 6.33	− 58.2	13 47 54.73	− 2.03	− 6 1 1.7	+ 7.6
48	B D.− 8°3667	9	50 33.89	+ 0.37	+10.92	311 55 53.80	46.778	+ 6.33	−1 4.8	13 50 45.18	− 2.07	− 9 5 27.8	+ 7.2
49	B D.−17°3971	9	53 38.59	+ 0.33	+10.92	302 53 53.30	42.645	+ 6.33	−1 30.0	13 53 49.84	− 2.23	−18 9 27.9	+ 6.2
50	B. D.−16°3785	9	57 41.43	+ 0.34	+10.92	304 7 54.20	45.365	+ 6.33	−1 25.8	13 57 52.69	− 2.20	−16 54 20.6	+ 6.0
51	B. D.−15°3805	7	59 51.02	+ 0.34	+10.92	305 9 52.32	44.470	+ 6.33	−1 22.6	14 0 2.28	− 2.18	−15 52 39.8	+ 6.0
52	B. D.−11°3671	9	3 11.18	+ 0.36	+10.92	309 39 52.80	44.320	+ 6.33	−1 10.3	14 3 22.46	− 2.09	−11 22 30.4	+ 6.2
53	B. D.− 9°3877	9	7 17.14	+ 0.37	+10.92	311 33 52.22	48.018	+ 6.33	−1 5.7	14 7 28.43	− 2.06	− 9 27 1.9	+ 6.2
54	B. D.−17°4046	9	9 57.49	+ 0.33	+10.92	303 17 53.52	43.118	+ 6.33	−1 28.7	14 10 8.74	− 2.20	−17 45 15.6	+ 5.1
55	B. D.− 8°3740	5	12 7.41	+ 0.37	+10.92	312 25 54.05	48.545	+ 6.33	−1 3.8	14 12 18.70	− 2.04	− 8 34 46.1	+ 6.0
56	B. D.− 6°3972	9	14 41.20	+ 0.38	+10.92	314 43 53.48	44.242	+ 6.33	− 58.9	14 14 52.50	− 2.00	− 6 18 20.2	+ 6.1
57	B. D.−12°4037	9	18 28.07	+ 0.36	+10.92	308 31 53.08	44.812	+ 6.33	−1 13.2	14 18 39.35	− 2.09	−12 30 21.8	+ 5.2
58	B. D.−14°3959	9	21 58.56	+ 0.35	+10.92	306 37 53.88	44.868	+ 6.33	−1 18.4	14 22 9.83	− 2.11	−14 24 24.9	+ 4.7
59	B. D.−20°4043	9	25 18.78	+ 0.32	+10.92	300 45 52.48	42.880	+ 6.33	−1 37.9	14 25 30.02	− 2.22	−20 17 31.2	
60	B. D.−18°3853	9	28 37.98	+ 0.32	+10.92	301 55 52.80	46.965	+ 6.33	−1 33.4	14 28 49.22	− 2.19	−19 5	
61	B. D.−17°4138	9	33 53.47	+ 0.33	+10.92	303 33 54.00	45.280	+ 6.33	−1 27.8	14 34 4.72	− 2.15	−17	
62	B. D.−11°3789	9	36 40.44	+ 0.36	+10.92	309 13 54.15	41.632	+ 6.33	−1 11.5	14 36 51.72	− 2.04	−11	

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diamete
d h m	in.	°	°			′ ″	′
5 10 45	29.97	50.8	50.9	1, 22. Bisections at I, II.			
11 7	....	....	49.9	2. Bisections at VI, VII.			
11 29	29.97	49.6	49.2	15, 32, 43. Bisections at II, VII.			
11 51	....	....	48.7				
12 16	29.95	48.9	48.0				
13 2	29.94	48.0	47.0				
13 29	....	..	46.3	Notes.			
13 54	29.93	47.0	46.0	1–31. Images rather poor.			
14 16	....	....	45.3	14. One microscope reading decreased 10″.			

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−14°4023	9	40 30.91	+ 0.34	+10.92	305 59 53.30	42.502	+ 6.33	−1 20.3	14 40 42.17	− 2.09	−15 3 21.5	+ 3.4
2	B. D.− 8°3841	9	44 28.67	+ 0.37	+10.92	312 13 53.35	44.580	+ 6.33	−1 4.3	14 44 39.96	− 1.98	− 8 48 18.0	+ 4.2
3	B. D.−12°4156	9	47 31.49	+ 0.36	+10.92	308 47 53.82	43.005	+ 6.33	−1 12.6	14 47 42.77	− 2.02	−12 15 1.7	+ 3.5
4	B. D.−13°4015	9	50 27.58	+ 0.35	+10.92	307 31 54.25	43.940	+ 6.33	−1 16.0	14 50 38.85	− 2.04	−13 30 43.3	+ 3.1
5	B. D.−10°3994	9	52 51.89	+ 0.36	+10.92	310 15 52.90	45.038	+ 6.33	−1 8.9	14 53 3.17	− 1.99	−10 46 12.5	+ 3.4
6	B. D.−18°3945	9	54 48.30	+ 0.33	+10.92	302 47 53.88	44.538	+ 6.33	−1 30.5	14 54 59.55	− 2.11	−18 14 44.6	+ 2.0
7	B. D.−14°4102	9	58 39.81	+ 0.34	+10.92	305 57 53.50	42.955	+ 6.33	−1 20.4	14 58 51.07	− 2.04	−15 5 11.0	+ 2.4
8	B. D.−12°4198	9	1 8.93	+ 0.36	+10.92	308 29 52.15	45.430	+ 6.33	−1 13.4	15 1 20.21	− 1.99	−12 32 8.8	+ 2.7
9	B. D.−17°4263	8	4 37.09	+ 0.33	+10.92	303 19 53.25	47.782	+ 6.33	−1 28.6	15 4 48.34	− 2.07	−17 41 29.1	+ 1.5
10	B. D.−19°4055	9	7 41.81	+ 0.32	+10.92	301 45 53.48	43.538	+ 6.33	−1 34.2	15 7 53.05	− 2.09	−19 17 11.5	+ 1.0
11	B. D.−12°4227	9	11 22.21	+ 0.35	+10.92	308 21 54.25	42.738	+ 6.33	−1 13.8	15 11 33.48	− 1.96	−12 41 8.6	+ 2.1
12	C. P. D.−25°5606	7	14 50.46	+ 0.29	+10.92	295 25 52.98	41.850	+ 6.33	−2 2.4	15 15 1.67	− 2.20	−25 38 18.7	− 0.8
13	B. D.−20°4224	9	18 28.95	+ 0.32	+10.92	300 31 53.35	46.635	+ 6.33	−1 38.8	15 18 40.19	− 2.08	−20 30 5.4	0.0
14	B. D.−20°4233	9	20 22.84	+ 0.32	+10.92	299 59 53.92	45.455	+ 6.33	−1 40.9	15 20 34.08	− 2.08	−21 2 33.9	− 0.2
15	32 Libræ	9	22 41.20	+ 0.34	**+10.91**	304 37 55.18	49.022	+ 6.33	−1 24.4	15 22 52.46	.....	−16 22 54.7	....
16	γ Libræ	9	29 59.98	+ 0.35	**+10.90**	306 33 52.75	45.552	+ 6.33	−1 18.7	15 30 11.25	.....	−14 28 10.7	....
	April 5, M.												
17	34 Herculis	9	27 17.67	+ 0.59	+10.87	10 11 59.30	41.940	+ 6.65	+ 10.6	16 27 29.13	− 1.37	+49 10 2.7	+ 9.6
18	ζ Ophiuchi	8	31 42.63	+ 0.36	**+10.95**	310 39 53.38	44.540	+ 6.65	−1 8.2	16 31 53.86	.....	−10 22 22.4	....
19	35 B. Camelopardalis S. P.	9	35 42.84	− 0.11	+10.87	65 14 0.08	41.732	+ 6.65	+2 7.0	4 35 53.60	.....	+75 46 4.5	....
20	114 B. Draconis	9	43 18.33	+ 0.65	+10.87	17 57 59.18	44.268	+ 6.65	+ 19.1	16 43 29.85	.....	+56 57 4.2	....
21	49 Herculis	9	47 32.59	+ 0.45	+10.87	336 9 54.48	43.710	+ 6.65	− 25.9	16 47 43.91	.....	+15 8 2.0	....
22	κ Ophiuchi	9	52 57.48	+ 0.43	**+10.89**	330 31 55.68	47.570	+ 6.65	− 33.1	16 53 8.78	.....	+ 9 31 24.2	....
23	d Herculis	9	57 53.63	+ 0.52	+10.87	354 43 56.10	43.430	+ 6.65	− 5.4	16 58 5.02	.....	+33 42 17.6	....
24	η Ophiuchi	9	4 42.57	+ 0.34	**+10.90**	305 25 54.62	45.308	+ 6.65	−1 22.3	17 4 53.78	.....	−15 36 17.7	....
25	A Ophiuchi (*south*)	5	9 17.04	+ 0.29	+10.87	294 35 53.60	43.892	+ 6.65	−2 7.5	17 9 28.20	.....	−26 27 36.5	....
26	A Ophiuchi (*north*)	5	9 17.06	+ 0.29	+10.87	294 35 53.60	44.090	+ 6.65	−2 7.5	17 9 28.22	.....	−26 27 31.4	....
27	θ Ophiuchi	9	15 57.22	+ 0.30	+10.87	296 7 55.22	47.368	+ 6.65	−1 58.9	17 16 8.39	.....	−24 54 6.6	....
28	σ Ophiuchi	8	21 35.05	+ 0.42	**+10.88**	325 13 55.28	47.920	+ 6.65	− 40.7	17 21 46.34	.....	+ 4 13 24.2	....
29	74 B. Camelopardalis S. P.	9	26 42.04	− 0.09	+10.87	65 59 59.90	44.535	+ 6.65	+2 11.8	5 26 52.82	.....	+74 58 55.9	....
30	ξ Serpentis	8	31 55.48	+ 0.34	**+10.88**	305 41 55.50	45.450	+ 6.65	−1 21.5	17 32 6.69	.....	−15 20 12.5	....
31	ι Herculis	9	36 34.87	+ 0.57	+10.87	7 3 59.32	45.365	+ 6.65	+ 7.4	17 36 46.31	.....	+46 3 17.8	....
32	μ Herculis	9	42 31.78	+ 0.49	**+10.88**	348 47 58.32	44.188	+ 6.65	− 11.6	17 42 43.14	.....	+27 46 31.0	....
33	z Herculis	9	47 22.19	+ 0.59	+10.87	9 25 59.50	44.660	+ 6.65	+ 9.8	17 47 33.65	− 0.99	+48 25 4.3	+ 9.8
34	ξ Draconis	9	51 41.58	+ 0.65	+10.87	17 53 58.70	44.470	+ 6.65	+ 19.1	17 51 53.10	.....	+56 53 8.4	....
35	Moon II, N.	9	6 0.87	+ 0.34	+10.87	302 19 54.10	44.250	+ 6.65	−1 32.5	18 6 12.08	−66.47	−18 42 52.6	....
	April 6, R.												
36	Venus II, C.	9	37 24.91	+ 0.40	+10.85	317 1 53.85	43.231	+ 6.58	− 52.7	23 37 36.16	− 0.38	− 4 0 36.4	....
	April 7, R.												
37	Sun I, N.	9	3 5.41	+ 0.44	+10.85	328 7 55.00	47.122	+ 6.57	− 35.0	1 3 16.70	+64.60	+ 7 7 11.3	....
38	Sun II, S.	9	5 14.61	+ 0.44	+10.85	327 35 54.68	47.205	+ 6.57	− 35.7	1 5 25.90	−64.60	+ 6 35 12.1	....
39	ψ Cancri	9	4 30.11	+ 0.45	+10.84	346 49 55.22	42.528	+ 6.58	− 13.2	8 4 41.40	− 0.99	+25 47 48.3	+ 9.0
40	β Cancri	9	11 8.42	+ 0.38	**+10.82**	330 29 54.58	45.640	+ 6.58	− 32.0	8 11 19.64	.....	+ 9 28 40.0	....
41	d¹ Cancri	9	17 41.92	+ 0.42	+10.84	339 39 55.55	44.042	+ 6.58	− 21.0	8 17 53.18	.....	+18 38 15.4	....
42	29 Cancri	9	23 5.84	+ 0.41	+10.84	335 33 55.42	42.365	+ 6.58	− 25.7	8 23 17.09	− 1.07	+14 31 32.3	+12.9
43	η Cancri	9	26 59.38	+ 0.43	**+10.83**	341 45 56.30	48.235	+ 6.58	− 18.6	8 27 10.65	.....	+20 45 54.4	....
44	β Pyxidis	9	36 10.99	+ 0.16	+10.84	286 5 54.55	44.395	+ 6.58	−3 13.2	8 36 21.99	− 1.33	−34 58 29.5	+26.5
45	ι Cancri	9	40 43.28	+ 0.47	**+10.86**	350 7 56.70	44.340	+ 6.58	− 9.8	8 40 54.59	.....	+29 6 34.6	....
46	γ Pyxidis	9	46 17.77	+ 0.22	+10.84	293 41 53.55	43.832	+ 6.58	−2 8.2	8 46 28.83	− 1.34	−27 21 38.4	+24.7
47	ζ Hydræ	9	50 9.22	+ 0.37	**+10.87**	327 19 53.90	45.220	+ 6.58	− 36.3	8 50 20.43	.....	+ 6 18 25.4	....
	April 7, Ei.-Y.												
48	η Leonis	8	1 56.24	+ 0.40	**+10.81**	338 15 56.95	42.542	+ 6.48	− 22.7	10 2 7.53	.....	+17 13 40.8	....
49	B. D.+15°2171	9	5 35.99	+ 0.39	+10.89	335 59 55.18	41.325	+ 6.48	− 25.3	10 5 47.27	− 1.50	+14 57 8.6	+12.3
50	B. D.+11°2190	9	8 34.08	+ 0.38	+10.89	332 19 54.85	45.975	+ 6.48	− 29.8	10 8 45.35	− 1.52	+11 18 50.0	+13.2
	B. D.+ 8°2336	9	11 42.46	+ 0.37	+10.89	329 43 54.68	47.255	+ 6.48	− 33.1	10 11 53.72	− 1.54	+ 8 43 15.8	+13.8

Att. Ther.	Ext. Ther.
°	°
6.0	45.0
..	44.5
.8	44.0
.8	43.0
..	42.7
.0	42.2
.5	42.0
.9	59.5
.7	61.2
	59.6
	59.2
	58.7
	57.5

Micrometer bisections are made at II, VI, except as noted below.

9, 13, 14. Bisections at II, VII.
19, 29. Bisections at III, V.
25, 37. Bisections at I, II.
26, 30, 38. Bisections at VI, VII.
35. Bisections at II, III, IV, V, VI.
36. Bisections at I, II, VI, VII.

Notes.

10. Image poor.
48. Clouds.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
35	+46 54.3	−15 12.7	...	+31 41.6
36	+ 4.0	.. ....	− 0.1	+ 3.9
37	+ 4.6	−15 59.5	...	−15 54.9
38	+ 4.7	+15 59.6	...	+16 4.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 5°2321........	9	15 33.29	+ 0.36	+10.89	326 9 54.08	43.125	+ 6.48	− 38.1	10 15 44.54	− 1.57	+ 5 7 35.8	+14.7
2	B. D.+ 6°2301........	9	18 5.83	+ 0.36	+10.89	327 11 54.68	45.815	+ 6.48	− 36.6	10 18 17.08	− 1.58	+ 6 10 39.4	+14.4
3	B. D.+ 7°2306........	9	22 14.51	+ 0.37	+10.89	328 43 54.52	44.360	+ 6.48	− 34.5	10 22 25.77	− 1.58	+ 7 42 8.1	+13.9
4	B. D.+ 8°2369........	9	24 38.76	+ 0.37	+10.89	329 33 54.28	43.860	+ 6.48	− 33.4	10 24 50.02	− 1.59	+ 8 31 57.5	+13.7
5	B. D.+ 5°2347........	9	27 9.71	+ 0.36	+10.89	326 9 54.18	44.370	+ 6.48	− 38.1	10 27 20.96	− 1.62	+ 5 8 4.4	+14.4
6	B. D.+13°2280........	9	31 46.22	+ 0.39	+10.89	334 23 55.10	42.885	+ 6.48	− 27.3	10 31 57.50	− 1.59	+13 21 42.2	+12.4
7	B. D.+12°2242........	9	35 22.98	+ 0.38	+10.89	333 35 55.00	45.238	+ 6.48	− 28.2	10 35 34.25	− 1.60	+12 34 34.9	+12.5
8	34 Sextantis............	9	37 30.50	+ 0.35	**+10.90**	325 5 55.25	46.495	+ 6.48	− 39.7	10 37 41.74	.....	+ 4 4 52.4	....
9	B. D.+13°2302........	9	41 4.96	+ 0.39	+10.89	334 15 55.65	46.438	+ 6.48	− 27.4	10 41 16.24	− 1.62	+13 15 3.8	+12.3
10	B. D.+ 2°2359........	9	43 43.17	+ 0.34	+10.89	322 55 52.50	45.442	+ 6.48	− 43.0	10 43 54.40	− 1.69	+ 1 54 22.3	+14.8
11	B. D.+ 8°2422 (*fol.*)...	9	47 0.81	+ 0.37	+10.89	328 59 54.20	44.258	+ 6.48	− 34.2	10 47 12.07	− 1.66	+ 7 58 5.7	+13.4
12	B. D.+10°2223........	9	50 38.94	+ 0.38	+10.89	331 39 53.30	43.645	+ 6.48	− 30.7	10 50 50.21	− 1.66	+10 37 54.3	+12.7
13	B. D.+ 2°2373........	9	53 42.15	+ 0.34	+10.89	323 15 55.80	45.512	+ 6.48	− 42.5	10 53 53.38	− 1.72	+ 2 14 27.7	+14.4
14	B. D.− 1°2471........	9	56 46.44	+ 0.33	+10.89	319 3 55.75	43.878	+ 6.48	− 49.4	10 56 57.66	− 1.77	− 1 58 16.6	+15.1
15	B. D.− 0°2401........	9	59 15.27	+ 0.33	+10.89	320 15 55.60	44.875	+ 6.48	− 47.4	10 59 26.49	− 1.76	− 0 45 51.9	+14.8
16	B. D.+10°2250........	9	2 2.90	+ 0.38	+10.89	331 45 53.90	43.110	+ 6.48	− 30.6	11 2 14.17	− 1.69	+10 43 42.8	+12.5
17	B. D.+ 2°2391........	9	3 55.23	+ 0.34	+10.89	323 7 55.15	46.445	+ 6.48	− 42.7	11 4 6.46	− 1.76	+ 2 6 48.2	+14.1
18	B. D.+ 5°2467........	9	9 12.09	+ 0.36	+10.89	325 51 54.60	41.488	+ 6.48	− 38.7	11 9 23.34	− 1.75	+ 4 48 58.4	+13.5
19	B. D.+ 2°2409........	9	12 11.59	+ 0.35	+10.89	323 33 55.60	44.570	+ 6.48	− 42.1	11 12 22.83	− 1.78	+ 2 32 6.4	+13.8
20	B. D.− 0°2428 (*fol.*)...	9	14 20.19	+ 0.33	+10.89	319 53 54.55	45.235	+ 6.48	− 48.0	11 14 31.41	− 1.82	− 1 7 45.3	+14.4
21	B. D.+ 3°2490........	9	15 50.90	+ 0.35	+10.89	323 57 55.70	46.238	+ 6.48	− 41.5	11 16 2.14	− 1.78	+ 2 56 45.2	+13.6
22	B. D.− 2°3337........	9	18 31.08	+ 0.33	+10.89	318 15 55.82	45.140	+ 6.48	− 50.9	11 18 42.30	− 1.84	− 2 45 49.2	+14.5
23	B. D.+ 4°2463........	9	20 44.56	+ 0.35	+10.89	325 23 55.05	47.180	+ 6.48	− 39.3	11 20 55.80	− 1.79	+ 4 23 8.3	+13.2
24	B. D.− 3°3128........	8	24 11.32	+ 0.32	+10.89	317 5 55.35	46.260	+ 6.48	− 53.0	11 24 22.53	− 1.87	− 3 55 26.4	+14.4
25	*e* Leonis................	9	25 15.25	+ 0.33	+10.89	318 33 55.68	43.008	+ 6.48	− 50.4	11 25 26.47	− 1.86	− 2 28 37.5	+14.2
26	B. D.+ 8°2518........	9	28 1.06	+ 0.37	+10.89	328 57 55.52	44.745	+ 6.48	− 34.3	11 28 12.32	− 1.78	+ 7 56 18.1	+12.4
27	B. D.+ 7°2461........	9	30 27.19	+ 0.36	+10.89	328 5 54.42	41.545	+ 6.48	− 35.5	11 30 38.44	− 1.79	+ 7 3 2.7	+12.5
28	B. D.+ 7°2468........	8	33 26.74	+ 0.36	+10.89	328 3 54.40	43.350	+ 6.48	− 35.6	11 33 37.99	− 1.80	+ 7 1 43.8	+12.4
29	B. D.− 2°3390........	9	35 13.86	+ 0.33	+10.89	318 13 55.15	46.288	+ 6.48	− 50.9	11 35 25.08	− 1.89	− 2 47 23.5	+13.8
30	B. D.− 5°3340........	9	38 51.59	+ 0.31	+10.89	314 53 54.78	42.865	+ 6.48	− 57.3	11 39 2.79	− 1.94	− 6 8 48.6	+14.1
31	B. D.− 2°3411........	9	41 36.78	+ 0.32	+10.89	317 49 54.45	42.958	+ 6.48	− 51.7	11 41 47.99	− 1.91	− 3 12 41.2	+13.6
32	B. D.+ 5°2545........	9	44 2.44	+ 0.36	+10.89	326 43 54.98	46.950	+ 6.48	− 37.4	11 44 13.69	− 1.84	+ 5 43 4.6	+12.3
33	β Virginis................	9	45 32.36	+ 0.34	**+10.89**	323 19 54.90	44.735	+ 6.48	− 42.5	11 45 43.59	.....	+ 2 18 9.1	....
34	B. D.+ 5°2555........	9	48 59.77	+ 0.36	+10.89	326 25 54.75	45.715	+ 6.48	− 37.9	11 49 11.02	− 1.84	+ 5 24 35.6	+12.2
35	B. D.+ 9°2560........	9	49 58.19	+ 0.37	+10.89	329 59 54.52	45.240	+ 6.48	− 33.0	11 50 9.45	− 1.82	+ 8 58 29.7	+11.7
36	B. D.− 3°3210........	4	51 57.23	+ 0.32	+10.89	316 45 54.88	47.170	+ 6.48	− 53.6	11 52 8.44	− 1.95	− 4 15 6.6	+13.3
37	*b* Virginis................	9	54 52.53	+ 0.35	+10.89	325 13 54.78	42.160	+ 6.48	− 39.7	11 55 3.77	− 1.86	+ 4 11 12.8	+12.2
38	*o* Virginis................	9	0 9.78	+ 0.37	**+10.86**	330 15 55.52	48.625	+ 6.48	− 32.6	12 0 21.04	.....	+ 9 15 48.7	....
39	B. D.+ 6°2559........	5	5 0.53	+ 0.36	+10.89	327 21 54.45	44.840	+ 6.48	− 36.6	12 5 11.78	− 1.86	+ 6 20 16.6	+11.6
40	B. D.− 2°3478........	8	6 17.77	+ 0.32	+10.89	317 47 55.42	42.720	+ 6.48	− 51.8	12 6 28.98	− 1.96	− 3 14 45.5	+12.6
41	α Virginis................	9	19 58.97	+ 0.30	**+10.97**	310 21 52.68	46.122	+ 6.48	−1 7.2	13 20 10.16	.....	−10 39 46.1	....
	April 8, M.												
42	Moon II, N............	9	41 43.71	+ 0.32	+10.99	306 19 50.88	43.194	+ 7.64	−1 16.1	20 41 55.02	−63.21	−14 43 2.5	....
	April 9, M.												
43	30 Monocerotis............	9	20 41.68	+ 0.28	**+10.98**	317 25 54.15	44.975	+ 8.29	− 51.0	8 20 52.96	.....	− 3 35 52.9	....
44	η Cancri................	9	26 59.22	+ 0.35	**+11.04**	341 45 53.90	48.220	+ 8.29	− 18.3	8 27 10.57	.....	+20 45 53.7	....
45	γ Cancri................	9	37 33.70	+ 0.35	**+11.01**	342 49 54.60	44.945	+ 8.29	− 17.1	8 37 45.05	.....	+21 48 40.7	....
46	ε Hydræ................	9	41 31.49	+ 0.31	**+10.96**	327 47 52.98	44.122	+ 8.29	− 35.0	8 41 42.80	.....	+ 6 46 2.4	....
47	ζ Hydræ................	9	50 9.12	+ 0.31	**+11.00**	327 19 52.20	45.198	+ 8.29	− 35.6	8 50 20.43	.....	+ 6 18 25.7	....
	April 10, R.												
48	Moon II................	9	18 14.01	+ 0.41	+10.97	312 2	......	....	. ....	22 18 25.39	−61.71	.. ..	....
	April 11, R.												
49	27 B. Ursæ Majoris........	9	32 0.72	+ 0.58	+10.94	14 4 1.50	44.040	+ 6.38	+ 14.4	8 32 12.24	− 1.13	+53 2 56.4	− 0.2
50	γ Cancri................	9	37 33.64	+ 0.41	**+10.98**	342 49 57.75	44.915	+ 6.38	− 17.6	8 37 44.99	.....	+21 48 40.8	....
51	ε Hydræ................	9	41 31.42	+ 0.36	**+10.95**	327 47 56.98	44.070	+ 6.38	− 35.9	8 41 42.72	.....	+ 6 46 2.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 10 20	......	...	57.1
10 45	29.86	56.0	56.7
11 6	......	....	55.7
11 31	29.855	54.9	55.6
11 47	......	....	55.1
12 16	29.85	54.0	54.2
13 2	29.84	54.0	54 0
13 25	......	....	53.8
8 20 38	29.60	59.8	60.0
9 8 16	29.33	61.4	60.0
8 33	......	....	59.9
8 47	29.33	61.0	59.7
9 53	29.34	59.4	58.4
11 8 28	29.575	52.0	52.0

Micrometer bisections are made at II, VI, except as noted below.

24, 32, 34, 39. Bisections at I, II.
29, 35. Bisections at II, VII.
36. Bisection at II.
37. Bisections at I, II, VI.
38, 40. Bisections at VI, VII.
42. Bisections at II, III, IV, V, VI.

Notes.

4. Micrometer reading decreased 1 rev.
15–17. Unsteady.
36. Clouds.
43–47. Images poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
42	+43 31.3	−14 48.5	...	+28 42.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Pyxidis	9	46 17.52	+ 0.22	+10.94	293 41 56.40	43.760	+ 6.38	−2 9.1	8 46 28.68	− 1.26	−27 21 38.3	+24.9
2	α Cancri	9	53 4.10	+ 0.38	+10.97	333 15 57.70	42.495	+ 6.38	− 28.7	8 53 15.42	.....	+12 13 34.4	....
3	ν Cancri	5	56 57.45	+ 0.42	+10.94	345 52	......	+ 6.38	. ....	8 57 8.81	− 1.15	+24 50	....
4	θ Hydræ	9	9 12.22	+ 0.35	+10.96	323 43 57.92	46.582	+ 6.38	− 41.8	9 9 23.51	.....	+ 2 42 54.9	....
5	83 Cancri	8	13 27.41	+ 0.40	+10.94	339 7 58.80	44.818	+ 6.38	− 21.7	9 13 38.75	.....	+18 6 35.5	....
6	28 Hydræ	9	20 26.18	+ 0.32	+10.94	316 19 57.18	43.480	+ 6.38	− 54.5	9 20 37.44	− 1.33	− 4 42 29.6	+18.3
7	ξ Leonis	9	26 36.38	+ 0.38	+10.91	332 43 57.38	47.068	+ 6.38	− 29.4	9 26 47.70	.....	+11 43 17.8	....
8	ε Leonis	9	40 14.27	+ 0.42	+10.91	345 13 59.88	45.182	+ 6.38	− 15.0	9 40 25.63	.....	+24 12 51.8	....
9	23 Leonis	9	45 40.46	+ 0.39	+10.94	334 31 58.40	45.415	+ 6.38	− 27.2	9 45 51.79	− 1.38	+13 30 43.3	+12.6
10	83 B. Leonis	9	51 10.86	+ 0.37	+10.94	330 25 57.62	41.380	+ 6.38	− 32.4	9 51 22.17	− 1.41	+ 9 23 5.1	+13.7
11	α Leonis	9	3 5.81	+ 0.38	+10.95	333 27 57.18	43.630	+ 6.38	− 28.5	10 3 17.13	.....	+12 25 59.7	....
12	ζ Leonis	9	11 11.29	+ 0.42	+10.95	344 53 58.90	47.220	+ 6.38	− 15.4	10 11 22.65	.....	+23 53 36.5	....
13	γ Leonis (*pr.*)	9	14 31.07	+ 0.41	+10.91	341 19 58.28	47.078	+ 6.38	− 19.3	10 14 42.42	.....	+20 19 29.0	....
14	ρ Leonis	8	27 35.74	+ 0.37	+10.92	330 48	......	+ 6.38	. ....	10 27 47.05	.....	+ 9 47	....
15	37 Leonis Minoris	9	33 9.37	+ 0.46	+10.94	353 29 58.55	43.652	+ 6.38	− 6.5	10 33 20.77	.....	+32 28 23.8	....
16	34 Sextantis	9	37 30.45	+ 0.35	+10.92	325 5 57.70	46.370	+ 6.38	− 39.9	10 37 41.74	.....	+ 4 4 51.7	....
17	l Leonis	9	44 2.99	+ 0.38	+11.00	332 3 57.18	46.338	+ 6.38	− 30.3	10 44 14.31	.....	+11 3 0.1	....
18	54 Leonis	9	50 15.28	+ 0.43	+10.94	346 17 59.50	41.795	+ 6.38	− 13.9	10 50 26.65	− 1.58	+25 15 34.9	+ 8.8
19	36 H. Cephei S. P.	7	54 58.01	− 1.12	+10.94	57 10 0.78	44.075	+ 6.38	+1 28.8	22 55 7.83	+ 3.94	+83 49 48.9	+ 5.8
20	δ Leonis	9	8 50.59	+ 0.41	+10.95	342 4	......	+ 6.38	. ....	11 9 1.94	.....	+21 2	....
21	n Leonis	9	10 41.02	+ 0.39	+10.94	334 51 57.80	42.750	+ 6.38	− 26.8	11 10 52.35	− 1.67	+13 49 42.2	+11.3
22	σ Leonis	9	16 1.66	+ 0.36	+10.95	327 33 57.48	46.922	+ 6.38	− 36.3	11 16 12.96	.....	+ 6 33 7.7	....
23	υ Leonis	5	31 52.60	+ 0.34	+10.93	320 44	......	+ 6.38	. ....	11 32 3.88	.....	− 0 17	....
24	ζ Crateris	9	39 44.66	+ 0.26	+10.94	303 13 55.90	42.882	+ 6.38	−1 27.1	11 39 55.86	.....	−17 49 16.9	....
25	β Virginis	9	45 32.31	+ 0.34	+10.93	323 19 57.68	44.565	+ 6.38	− 42.5	11 45 43.59	.....	+ 2 18 7.9	....
	April 12, M.												
26	151 H^1. Cephei S. P.	9	6 1.11	− 1.54	+10.89	55 42 1.20	43.172	+ 6.30	+1 26.3	4 6 10.46	.....	+85 18 11.4	....
27	τ Herculis	9	16 41.38	+ 0.55	+10.89	7 34 1.05	42.918	+ 6.30	+ 7.9	16 16 52.82	.....	+46 32 23.7	....
28	α Scorpii	9	23 22.07	+ 0.25	+10.89	294 49 53.25	45.282	+ 6.30	−2 6.4	16 23 33.21	.....	−26 13 4.1	....
29	ζ Ophiuchi	9	31 42.89	+ 0.32	+10.89	310 39 54.80	44.452	+ 6.30	−1 8.4	16 31 54.10	.....	−10 22 23.5	....
30	114 B. Draconis	9	43 18.48	+ 0.65	+10.89	17 58 1.88	44.175	+ 6.30	+ 19.2	16 43 30.02	.....	+56 57 4.8	....
31	49 Herculis	9	47 32.72	+ 0.42	+10.89	336 9 56.98	43.635	+ 6.30	− 26.0	16 47 44.03	.....	+15 8 2.3	....
32	κ Ophiuchi	9	52 57.71	+ 0.40	+10.86	330 31 59.12	47.440	+ 6.30	− 33.2	16 53 9.00	.....	+ 9 31 24.2	....
33	d Herculis	9	57 53.72	+ 0.50	+10.89	354 43 59.65	43.332	+ 6.30	− 5.4	16 58 5.11	.....	+33 42 18.6	....
34	η Ophiuchi	9	4 42.86	+ 0.31	+10.83	305 25 56.30	45.245	+ 6.30	−1 22.6	17 4 54.06	.....	−15 36 18.1	....
35	A Ophiuchi (*south*)	5	9 17.20	+ 0.25	+10.89	294 35 55.55	43.895	+ 6.30	−2 8.0	17 9 28.34	.....	−26 27 35.3	....
36	A Ophiuchi (*north*)	5	9 17.27	+ 0.25	+10.89	294 35 55.55	44.020	+ 6.30	−2 8.0	17 9 28.41	.....	−26 27 31.9	....
37	θ Ophiuchi	9	15 57.36	+ 0.26	+10.89	296 7 55.65	47.425	+ 6.30	−1 59.5	17 16 8.51	.....	−24 54 5.8	....
38	σ Ophiuchi	9	21 35.11	+ 0.39	+11.03	325 13 56.98	47.888	+ 6.30	− 40.9	17 21 46.39	.....	+ 4 13 24.6	....
39	74 B. Camelopardalis S. P.	9	26 41.76	− 0.26	+10.89	66 0 1.10	44.470	+ 6.30	+2 12.4	5 26 52.39	.....	+74 58 55.9	....
40	ξ Serpentis	9	31 55.74	+ 0.31	+10.84	305 41 56.28	45.430	+ 6.30	−1 21.9	17 32 6.94	.....	−15 20 13.1	....
41	ι Herculis	9	36 35.09	+ 0.58	+10.89	7 3 59.68	45.390	+ 6.30	+ 7.4	17 36 46.56	.....	+46 3 18.4	....
42	μ Herculis	9	42 31.96	+ 0.48	+10.90	348 47 59.68	44.152	+ 6.30	− 11.7	17 42 43.33	.....	+27 46 31.1	....
43	z Herculis	5	47 22.45	+ 0.59	+10.89	9 26 0.95	44.615	+ 6.30	+ 9.9	17 47 33.93	− 1.24	+48 25 4.4	+ 9.0
44	Venus II, C	9	4 33.89	+ 0.38	+10.89	319 51 56.85	46.739	+ 6.07	− 49.1	0 4 45.16	− 0.37	− 1 9 10.2	....
	April 13, M.												
45	Sun I, S	9	25 6.39	+ 0.42	+10.89	329 49 57.82	44.248	+ 6.02	− 33.8	1 25 17.70	+64.84	+ 8 48 9.1	....
46	Sun II, N	8	27 16.08	+ 0.42	+10.89	330 21 58.52	44.005	+ 6.02	− 33.1	1 27 27.39	−64.85	+ 9 20 4.9	....
47	44 B. Ursæ Majoris	9	56 48.29	+ 0.66	+10.89	15 42 1.82	40.952	+ 5.52	+ 16.5	8 56 59.84	− 1.20	+54 39 47.4	− 0.7
48	κ Cancri	9	2 22.78	+ 0.41	+10.92	332 3 57.15	46.572	+ 5.52	− 30.9	9 2 34.08	.....	+11 3 3.9	....
49	36 Lyncis	9	7 21.47	+ 0.57	+10.89	4 38 0.15	44.225	+ 5.52	+ 4.8	9 7 32.93	− 1.19	+43 36 48.9	+ 2.8
50	38 Lyncis	9	12 42.26	+ 0.53	+10.89	358 14 0.32	43.642	+ 5.52	− 1.8	9 12 53.68	− 1.20	+37 12 29.1	+ 4.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 8 50	......	....	51.2
9 18	29.60	51.0	50.8
9 49	......	....	50.6
10 17	29.59	50.3	50.0
10 40	......	....	49.3
11 1	29.55	49.8	49.2
11 21	......	....	48.9
11 48	29.53	49.7	49.1
12 16 1	29.72	41.7	39.0
16 37	......	....	38.3
16 56	29.71	39.7	37.8
17 40	......	....	36.9
18 15	29.71	38.7	36.9
0 7	29.77	46.6	43.2
13 1 27	29.76	48.4	44.0
8 54	29.73	44.2	42.9
9 0	......	....	42.6

Micrometer bisections are made at II, VI, except as noted below.

6.	Bisection at II.
8, 36, 46.	Bisections at VI, VII.
11, 12, 35, 45.	Bisections at I, II.
19.	Bisections at b_4, b_5, b_6.
26.	Bisections at b_1, b_2, b_5, b_8, b_9.
27, 34, 40.	Bisections at II, VII.
30.	Bisections at V, VI.
39.	Bisections at III, V.
44.	Bisections at I, II, VI, VII.

Notes.

1.	Unsteady.
1–6, 14, 23.	Clouds.
19.	Diffuse and unsteady.
32–34.	Conditions poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
44	+ 3.7	.. ....	− 0.1	+ 3.6
45	+ 4.4	+15 57.9	...	+16 2.3
46	+ 4.3	−15 57.8	...	−15 53.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	28 Hydræ	9	20 26.18	+ 0.34	+10.89	316 19 56.60	43.585	+ 5.52	− 55.8	9 20 37.41	− 1.30	− 4 42 29.7	+18.3
2	ε Leonis	9	40 14.26	+ 0.46	**+10.85**	345 14 0.05	45.255	+ 5.52	− 15.4	9 40 25.61	....	+24 12 52.2	....
3	23 Leonis	9	45 40.48	+ 0.42	+10.89	334 31 58.80	45.470	+ 5.52	− 27.9	9 45 51.79	− 1.35	+13 30 43.4	+12.4
4	83 B. Leonis	9	51 10.83	+ 0.40	+10.89	330 25 57.90	41.438	+ 5.52	− 33.2	9 51 22.12	− 1.39	+ 9 23 5.1	+13.6
5	16 Cephei s. P.	9	57 41.42	− 0.24	+10.89	68 16 1.45	43.128	+ 5.52	+2 26.7	21 57 52.07	+ 0.54	+72 43 12.7	+ 8.6
6	α Leonis	9	3 5.78	+ 0.42	**+10.91**	333 27 57.60	43.682	+ 5.52	− 29.2	10 3 17.09	....	+12 26 0.0	....
7	γ Leonis (*pr.*)	9	14 30.98	+ 0.45	**+10.93**	341 19 57.60	47.170	+ 5.52	− 19.8	10 14 42.32	....	+20 19 29.1	....
8	30 H. Camelopardalis	9	19 17.26	+ 1.98	+10.89	44 4 1.48	42.290	+ 5.52	+ 57.0	10 19 30.13	− 4.16	+83 2 58.0	− 5.6
9	29 Sextantis	9	24 26.59	+ 0.35	+10.89	318 47 58.00	41.740	+ 5.52	− 51.4	10 24 37.83	....	− 2 15 6.1	....
10	37 Leonis Minoris	9	33 9.37	+ 0.50	+10.89	353 29 58.70	43.720	+ 5.52	− 6.6	10 33 20.76	....	+32 28 24.5	....
11	34 Sextantis	9	37 30.44	+ 0.38	**+10.88**	325 5 57.68	46.468	+ 5.52	− 40.9	10 37 41.71	....	+ 4 4 52.1	....
12	*l* Leonis	9	44 3.01	+ 0.41	**+10.93**	332 3 58.32	46.358	+ 5.52	− 31.1	10 44 14.31	....	+11 3 0.0	....
13	54 Leonis	9	50 15.22	+ 0.47	+10.89	346 17 58.98	41.875	+ 5.52	− 14.3	10 50 26.58	− 1.56	+25 15 35.0	+ 8.5
14	36 H. Cephei s. P.	9	54 58.11	− 1.38	+10.89	57 10 2.88	43.897	+ 5.52	+1 31.3	22 55 7.62	+ 3.67	+83 49 49.0	+ 6.3
15	π Cephei s. P.	9	4 38.56	− 0.33	+10.89	66 8 2.62	41.720	+ 5.52	+2 12.8	23 4 49.12	....	+74 51 57.5	....
16	1 Canum Venaticorum	9	9 48.36	+ 0.66	+10.89	15 0 0.92	41.858	+ 5.52	+ 15.9	12 9 59.91	− 1.91	+53 58 6.6	+ 2.8
17	η Virginis	9	14 50.38	+ 0.36	**+10.89**	320 53 56.05	44.030	+ 5.52	− 47.9	12 15 1.63	....	− 0 8 12.2	....
	April 13, R.												
18	ε Ophiuchi	9	13 5.00	+ 0.39	**+10.89**	316 33 56.80	46.112	+ 5.59	− 55.9	16 13 16.28	....	− 4 27 31.8	....
19	γ Herculis	5	17 31.33	+ 0.48	**+10.92**	340 23 57.88	44.968	+ 5.59	− 21.0	16 17 42.70	....	+19 22 37.9	....
20	α Scorpii	7	23 22.16	+ 0.29	+10.89	294 49 54.32	45.222	+ 5.59	−2 7.0	16 23 33.34	....	−26 13 5.4	....
21	*A* Draconis	9	28 0.36	+ 0.89	+10.89	30 0 1.58	41.935	+ 5.59	+ 34.3	16 28 12.14	....	+68 58 27.3	....
22	35 B. Camelopardalis s. P.	9	35 42.55	− 0.24	+10.89	65 14 1.22	41.725	+ 5.59	+2 8.1	4 35 53.20	....	+75 46 3.6	....
23	114 B. Draconis	9	43 18.53	+ 0.71	+10.89	17 58 0.12	44.350	+ 5.59	+ 19.3	16 43 30.13	....	+56 57 5.8	....
24	49 Herculis	9	47 32.75	+ 0.47	+10.89	336 9 56.40	43.702	+ 5.59	− 26.1	16 47 44.11	....	+15 8 2.4	....
25	κ Ophiuchi	9	52 57.68	+ 0.45	**+10.86**	330 31 57.38	47.572	+ 5.59	− 33.4	16 53 9.02	....	+ 9 31 24.6	....
26	*d* Herculis	7	57 53.75	+ 0.54	+10.89	354 43 58.10	43.452	+ 5.59	− 5.4	16 58 5.18	....	+33 42 19.1	....
27	η Ophiuchi	9	4 42.79	+ 0.34	**+10.89**	305 25 56.50	45.285	+ 5.59	−1 23.0	17 4 54.02	....	−15 36 18.1	....
28	*A* Ophiuchi (*south*)	4	9 17.30	+ 0.28	+10.89	294 35 54.55	43.918	+ 5.59	−2 8.6	17 9 28.47	....	−26 27 37.1	....
29	*A* Ophiuchi (*north*)	5	9 17.32	+ 0.28	+10.89	294 35 54.55	44.102	+ 5.59	−2 8.6	17 9 28.49	....	−26 27 32.3	....
30	σ Ophiuchi	9	21 35.24	+ 0.43	**+10.88**	325 13 57.18	47.922	+ 5.59	− 41.0	17 21 46.56	....	+ 4 13 24.8	....
31	74 B. Camelopardalis s. P.	8	26 41.62	− 0.20	+10.89	65 59 59.85	44.572	+ 5.59	+2 12.9	5 26 52.31	....	+74 58 55.1	....
32	ι Herculis	9	36 35.12	+ 0.61	+10.89	7 3 59.78	45.448	+ 5.59	+ 7.4	17 36 46.62	....	+46 3 19.1	....
33	μ Herculis	9	42 31.98	+ 0.52	**+10.87**	348 48 0.50	44.155	+ 5.59	− 11.7	17 42 43.39	....	+27 46 31.2	....
34	*z* Herculis	8	47 22.36	+ 0.63	+10.89	9 26 0.32	44.682	+ 5.59	+ 9.9	17 47 33.88	− 1.28	+48 25 4.8	+ 8.8
35	ν Ophiuchi	9	53 34.70	+ 0.37	**+10.84**	311 15 55.88	46.302	+ 5.59	−1 7.4	17 53 45.96	....	− 9 45 39.9	....
36	γ Sagittarii	9	59 28.92	+ 0.26	+10.89	290 37 55.48	45.725	+ 5.59	−2 35.9	17 59 40.07	....	−30 25 21.8	....
37	*o* Herculis	7	3 37.68	+ 0.52	**+10.87**	349 46	......	....	. ....	18 3 49.09	....	+28 44	....
	April 14, Ei.-Y.												
38	π Leonis	9	54 58.57	+ 0.41	**+10.91**	329 31 57.65	44.190	+ 5.78	− 34.7	9 55 9.90	....	+ 8 30 6.4	....
39	B. D.+15°2167	9	2 17.69	+ 0.44	+10.92	336 39 59.60	42.280	+ 5.78	− 25.5	10 2 29.05	− 1.40	+15 37 33.9	+11.5
40	B. D.+ 8°2327	9	5 41.43	+ 0.41	+10.92	329 11 57.95	43.548	+ 5.78	− 35.2	10 5 52.76	− 1.44	+ 8 9 51.6	+13.6
41	B. D.+16°2098	9	9 9.64	+ 0.45	+10.92	337 37 58.78	45.362	+ 5.78	− 24.3	10 9 21.01	− 1.42	+16 36 44.7	+11.1
42	B. D.+13°2237	9	13 5.29	+ 0.43	+10.92	334 7 59.25	43.522	+ 5.78	− 28.6	10 13 16.64	− 1.45	+13 5 58.9	+12.1
43	B. D.+ 3°2352	9	15 54.85	+ 0.39	+10.92	323 47 58.48	44.645	+ 5.78	− 43.2	10 16 6.16	− 1.51	+ 2 46 9.2	+14.9
44	B. D.+14°2237	9	18 7.11	+ 0.44	+10.92	335 23 57.82	46.982	+ 5.78	− 27.0	10 18 18.47	− 1.46	+14 23 18.1	+11.6
45	B. D.+10°2152	9	22 25.02	+ 0.42	+10.92	331 15 58.60	46.238	+ 5.78	− 32.3	10 22 36.36	− 1.50	+10 14 56.6	+12.8
46	B. D.+ 7°2314	9	25 16.48	+ 0.41	+10.92	328 33 57.82	46.270	+ 5.78	− 36.1	10 25 27.81	− 1.52	+ 7 32 52.7	+13.4
47	ρ Leonis	9	27 35.67	+ 0.42	**+10.91**	330 49 57.45	43.465	+ 5.78	− 33.0	10 27 47.01	....	+ 9 47 51.4	....
48	B. D.+10°2176	9	31 59.75	+ 0.42	+10.92	330 53 58.28	44.392	+ 5.78	− 32.9	10 32 11.09	− 1.54	+ 9 52 13.5	+12.7
49	B. D.+ 9°2388	9	36 11.93	+ 0.42	+10.92	330 5 58.50	43.010	+ 5.78	− 34.0	10 36 23.27	− 1.56	+ 9 3 41.0	+12.8
50	B. D.+ 3°2408	9	40 2.96	+ 0.40	+10.92	324 1 58.55	42.585	+ 5.78	− 42.9	10 40 14.28	− 1.61	+ 2 59 22.2	+14.3
51	B. D.+11°2277	9	41 23.62	+ 0.43	+10.92	332 43 58.10	42.175	+ 5.78	− 30.5	10 41 34.97	− 1.56	+11 41 25.0	+12.0
52	*l* Leonis	9	44 3.01	+ 0.43	**+10.90**	332 3 58.18	46.425	+ 5.78	− 31.3	10 44 14.36	....	+11 3 1.4	....
53	B. D.+5°2412	9	47 28.08	+ 0.41	+10.92	326 31 57.20	45.750	+ 5.78	− 39.0	10 47 39.41	− 1.62	+ 5 30 37.4	+13.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 9 16	....	....	41.9
9 54	29.74	42.1	41.0
10 27	....	....	40.0
11 5	....	....	38.9
11 16	29.74	40.0	38.7
12 3	29.74	39.7	38.3
12 27	29.74	39.5	38.0
16 11	29.70	37.8	36.3
16 39	....	....	35.8
17 2	29.695	36.9	35.3
17 32	....	....	35.1
18 6	29.71	36.3	35.0
14 9 56	29.825	40.0	38.8
10 20	....	....	38.4
10 45	29.82	39.6	37.9

Micrometer bisections are made at II, VI, except as noted below.

5, 8.	Bisections at III, V.
14.	Bisections at b_1, b_3, b_5, b_8, b_9.
15.	Bisections at II, III, IV, V, VI.
20, 21, 29, 34.	Bisections at VI, VII.
22, 31.	Bisections at III, IV, V.
23, 28, 50.	Bisections at I, II.
36.	Bisections at II, VI, VII.

Notes.

1–17. Clouds.

31. Diffuse; through clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 1°2502	9	51 5.49	+ 0.39	+10.92	321 57 57.82	45.740	+ 5.78	− 46.2	10 51 16.80	− 1.67	+ 0 56 30.6	+14.5
2	B. D.+ 5°2425	9	54 27.28	+ 0.41	+10.92	325 53 57.32	43.915	+ 5.78	− 40.0	10 54 38.61	− 1.65	+ 4 51 54.5	+13.5
3	B. D.+ 0°2729	9	58 32.22	+ 0.39	+10.92	321 31 57.30	46.430	+ 5.78	− 46.9	10 58 43.53	− 1.70	+ 0 30 45.1	+14.3
4	B. D.+ 7°2417	9	3 5.38	+ 0.42	+10.92	328 7 58.45	42.480	+ 5.78	− 36.8	11 3 16.72	− 1.67	+ 7 5 26.1	+12.7
5	B. D.+12°2307	9	5 26.28	+ 0.44	+10.92	332 49 56.65	46.878	+ 5.78	− 30.3	11 5 37.64	− 1.65	+11 49 11.3	+11.6
6	B. D.+ 6°2422	9	9 25.18	+ 0.42	+10.92	327 31 58.02	46.035	+ 5.78	− 37.6	11 9 36.52	− 1.69	+ 6 30 46.1	+12.7
7	B. D.+ 2°2411	8	13 49.84	+ 0.40	+10.92	323 12 1.62	45.235	+ 5.78	− 44.2	11 14 1.16	− 1.74	+ 2 10 24.8	+13.5
8	σ Leonis	9	16 1.61	+ 0.42	**+10.92**	327 33 57.38	47.068	+ 5.78	− 37.6	11 16 12.95	....	+ 6 33 9.1	....
9	B. D.+ 2°2418	8	18 57.23	+ 0.40	+10.92	322 57 59.40	44.005	+ 5.78	− 44.6	11 19 8.55	− 1.76	+ 1 55 54.1	+13.4
10	83 Leonis	9	21 44.21	+ 0.41	+10.92	324 33 58.02	44.220	+ 5.78	− 42.1	11 21 55.54	....	+ 3 32 0.1	....
11	B. D.+ 4°2480	8	24 30.29	+ 0.41	+10.92	325 19 56.40	45.112	+ 5.78	− 40.9	11 24 41.62	− 1.76	+ 4 18 20.1	+12.8
12	B. D.+ 1°2580	9	28 18.81	+ 0.40	+10.92	322 21 59.62	43.855	+ 5.78	− 45.6	11 28 30.13	− 1.79	+ 1 19 49.9	+13.2
13	υ Leonis	9	31 52.59	+ 0.39	**+10.87**	320 43 55.62	45.045	+ 5.78	− 48.4	11 32 3.90	....	− 0 17 49.7	....
14	B. D.+ 5°2525	9	35 23.49	+ 0.42	+10.92	326 41 57.22	44.495	+ 5.78	− 38.9	11 35 34.83	− 1.78	+ 5 40 8.8	+12.2
15	B. D.+ 1°2608	9	40 2.45	+ 0.40	+10.92	322 27 59.40	45.318	+ 5.78	− 45.5	11 40 13.77	− 1.83	+ 1 26 23.2	+12.8
16	B. D.+ 9°2549	9	42 49.47	+ 0.43	+10.92	329 47 57.15	45.485	+ 5.78	− 34.4	11 43 0.82	− 1.77	+ 8 46 35.8	+11.4
17	B. D.+ 7°2489	9	46 28.83	+ 0.42	+10.92	328 25 57.52	45.180	+ 5.78	− 36.4	11 46 40.17	− 1.80	+ 7 24 27.3	+11.5
18	B. D.+ 1°2624	8	48 46.02	+ 0.40	+10.92	322 5 58.62	46.960	+ 5.78	− 46.1	11 48 57.34	− 1.86	+ 1 4 59.1	+12.5
19	B. D.+ 9°2560	9	49 58.17	+ 0.43	+10.92	329 59 58.10	45.190	+ 5.78	− 34.2	11 50 9.52	− 1.79	+ 8 58 30.2	+11.1
20	B. D.+ 4°2553	9	53 9.22	+ 0.41	+10.92	325 1 58.40	46.348	+ 5.78	− 41.4	11 53 20.55	− 1.84	+ 4 0 49.8	+11.9
21	B. D.− 0°2520	9	55 57.48	+ 0.39	+10.92	319 47 57.50	44.345	+ 5.78	− 50.0	11 56 8.79	− 1.90	− 1 14 5.4	+12.6
22	B. D.+ 2°2509	9	59 9.22	+ 0.40	+10.92	323 1 58.68	43.410	+ 5.78	− 44.6	11 59 20.54	− 1.87	+ 1 59 39.8	+12.0
23	B. D.− 0°2532	4	0 11.32	+ 0.39	+10.92	320 3 57.72	42.570	+ 5.78	− 49.6	12 0 22.63	− 1.91	− 0 58 45.1	+12.4
24	B. D.− 3°3239	9	3 7.90	+ 0.38	+10.92	317 15 58.42	46.450	+ 5.78	− 54.7	12 3 19.20	− 1.94	− 3 45 21.1	+12.7
25	10 Virginis	9	4 36.73	+ 0.41	+10.92	323 27 57.52	44.432	+ 5.78	− 43.9	12 4 48.06	− 1.88	+ 2 26 2.6	+11.7
26	B. D.− 3°3249	9	7 9.44	+ 0.38	+10.92	317 9 56:45	44.200	+ 5.78	− 54.9	12 7 20.74	− 1.96	− 3 52 14.7	+12.5
27	B. D.− 6°3532 (*pr.*)	9	10 2.52	+ 0.37	+10.92	314 17 58.32	46.305	+ 5.78	−1 0.7	12 10 13.81	− 2.00	− 6 43 30.5	+12.8
28	B. D.− 3°3262	9	13 4.31	+ 0.39	+10.92	317 35 57.92	46.162	+ 5.78	− 54.1	12 13 15.62	− 1.97	− 3 25 27.6	+12.2
29	η Virginis	9	14 50.33	+ 0.40	**+10.89**	320 53 55.90	44.092	+ 5.78	− 48.2	12 15 1.65	....	− 0 8 11.0	....
30	θ Virginis	9	4 49.51	+ 0.39	**+10.89**	315 59 57.78	45.555	+ 5.78	− 57.4	13 5 0.82	....	− 5 1 44.9	....
31	B. D.− 0°2668	7	7 40.66	+ 0.41	+10.92	319 45 56.72	47.110	+ 5.78	− 50.3	13 7 51.99	− 2.03	− 1 15 3.3	+ 9.6
32	B. D.− 9°3646	9	9 34.00	+ 0.38	+10.92	311 9 54.45	45.945	+ 5.78	−1 7.9	13 9 45.30	− 2.15	− 9 51 49.8	+ 9.8
33	B. D.− 6°3776	9	11 40.82	+ 0.39	+10.92	314 35 57.40	45.520	+ 5.78	−1 0.2	13 11 52.13	− 2.10	− 6 25 48.9	+ 9.6
34	B. D.− 0°2678	9	13 53.86	+ 0.41	+10.92	320 15 57.88	44.715	+ 5.78	− 49.4	13 14 5.19	− 2.03	− 0 45 56.0	+ 9.3
35	B. D.− 5°3678	9	17 22.58	+ 0.39	+10.92	315 19 57.48	45.215	+ 5.78	− 58.7	13 17 33.89	− 2.09	− 5 41 54.2	+ 9.3
36	α Virginis	9	19 58.89	+ 0.37	**+11.01**	310 21 55.68	46.152	+ 5.78	−1 9.9	13 20 10.18	....	−10 39 46.1	....
37	B. D.− 0°2686	9	21 7.02	+ 0.41	+10.92	320 19 57.05	45.250	+ 5.78	− 49.3	13 21 18.35	− 2.03	− 0 41 44.5	+ 8.9
38	B. D.− 6°3827	9	25 12.95	+ 0.39	+10.92	313 49 57.22	43.618	+ 5.78	−1 1.9	13 25 24.26	− 2.12	− 7 12 34.2	+ 8.9
39	B. D.−14°3739	9	27 34.80	+ 0.36	+10.92	306 9 56.48	45.202	+ 5.78	−1 21.2	13 27 46.08	− 2.25	−14 52 18.0	+ 8.8
40	B. D.− 7°3661 (*mean*)	9	32 24.22	+ 0.38	+10.92	313 37 57.12	47.642	+ 5.78	−1 2.3	13 32 35.52	− 2.13	− 7 23 2.8	+ 8.5
41	B. D.−11°3562	9	34 2.58	+ 0.37	+10.92	309 25 55.98	44.802	+ 5.78	−1 12.3	13 34 13.87	− 2.19	−11 36 18.8	+ 8.4
42	B. D.− 4°3540	9	38 45.29	+ 0.39	+10.92	315 59 58.00	47.378	+ 5.78	− 57 4	13 38 56.60	− 2.09	− 5 1 3.0	+ 8.2
43	B. D.− 8°3639	9	41 59.78	+ 0.38	+10.92	311 47 56.12	45.795	+ 5.78	−1 6.5	13 42 11.08	− 2.16	− 9 13 50.2	+ 7.9
44	B. D.−14°3806	9	43 34.89	+ 0.36	+10.92	306 47 56.48	43.480	+ 5.78	−1 19.4	13 43 46.17	− 2.24	−14 14 55.5	+ 7.8
45	B. D.− 5°3774	9	47 43.49	+ 0.39	+10.92	314 59 58.02	47.518	+ 5.78	− 59.4	13 47 54.80	− 2.11	− 6 1 1.8	+ 7.7
46	B. D.− 8°3667	9	50 33.94	+ 0.38	+10.92	311 55 57.30	46.672	+ 5.78	−1 6.1	13 50 45.24	− 2.15	− 9 5 28.5	+ 7.4
47	B. D.−17°3971	9	53 38.65	+ 0.34	+10.92	302 53 55.52	42.622	+ 5.78	−1 31.8	13 53 49.91	− 2.32	−18 9 28.5	+ 6.9
48	B. D.−16°3785	8	57 41.41	+ 0.35	+10.92	304 7 56.88	45.305	+ 5.78	−1 27.6	13 57 52.68	− 2.29	−16 54 21.7	+ 6.7
49	B. D.−15°3805	9	59 51.06	+ 0.35	+10.92	305 9 55.20	44.420	+ 5.78	−1 24.3	14 0 2.33	− 2.27	−15 52 40.3	+ 6.6
50	B. D.−11°3671	9	3 11.20	+ 0.37	+10.92	309 39 55.85	44.270	+ 5.78	−1 11.7	14 3 22.49	− 2.19	−11 22 30.5	+ 6.6
51	B. D.− 9°3877	9	7 17.34	+ 0.38	+10.92	311 33 56.00	47.915	+ 5.78	−1 7.0	14 7 28.64	− 2.15	− 9 27 2.3	+ 6.5
52	B. D.−17°4046	9	9 57.61	+ 0.34	+10.92	303 17 57.05	43.032	+ 5.78	−1 30.4	14 10 8.87	− 2.30	−17 45 16.2	+ 5.8
53	B. D.− 6°3972	9	14 41.27	+ 0.39	+10.92	314 43 56.20	44.210	+ 5.78	−1 0.1	14 14 52.58	− 2.10	− 6 18 19.9	+ 6.2
54	B. D.−12°4037	9	18 28.19	+ 0.36	+10.92	308 31 56.62	44.695	+ 5.78	−1 14.7	14 18 39.47	− 2.20	−12 30 23.0	+ 5.6
55	B. D.−14°3959	9	21 58.67	+ 0.36	+10.92	306 37 57.35	44.782	+ 5.78	−1 20.0	14 22 9.95	− 2.23	−14 24 25.6	+ 5.2
56	B. D.−20°4043	9	25 18.84	+ 0.33	+10.92	300 45 56.02	42.802	+ 5.78	−1 39.8	14 25 30.09	− 2.34	−20 17 31.9	+ 4.5
57	B. D.−18°3853	8	28 38.02	+ 0.33	+10.92	301 55 55.52	46.922	+ 5.78	−1 35.3	14 28 49.27	− 2.31	−19 5 53.8	+ 4.4
58	B. D.−17°4138	8	33 53.56	+ 0.34	+10.92	303 33 57.52	45.195	+ 5.78	−1 29.6	14 34 4.82	− 2.27	−17 28 25.5	+ 4.2
59	B. D.−11°3789	9	36 40.53	+ 0.37	+10.92	309 11 55.82	46.872	+ 5.78	−1 12.9	14 36 51.82	− 2.17	−11 49 32.2	+ 4.7
60	B. D.−14°4023	9	40 31.01	+ 0.35	+10.92	305 59 57.90	42.360	+ 5.78	−1 21.9	14 40 42.28	− 2.22	−15 3 22.2	+ 4.0
61	B. D.− 8°3841	9	44 28.78	+ 0.38	+10.92	312 13 56.70	44.518	+ 5.78	−1 5.6	14 44 40.08	− 2.11	− 8 48 17.9	+ 4.4
62	B. D.−12°4156	9	47 31.60	+ 0.37	+10.92	308 47 57.32	42.918	+ 5.78	−1 14.1	14 47 42.89	− 2.16	−12 15 2.3	+ 3.9
63	B. D.−13°4015	9	50 27.63	+ 0.36	+10.92	307 31 57.30	43.885	+ 5.78	−1 17.5	14 50 38.91	− 2.18	−13 30 43.6	+ 3.6

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
14 11 7	....	....	37.5	17, 44, 52, 60. Bisections at II, VII.					
11 29	29.81	38.7	37.0	18, 36. Bisections at I, II.					
11 52	....	....	36.7	23. Bisections at VI, VII.					
12 17	29.815	37.6	36.0						
13 2	29.82	36.9	35.2						
13 29	....	....	34.9						
13 54	29.825	36.1	34.8	Notes.					
14 16	....	....	34.4	40. Assumed that mean was observed.					
14 42	29.83	35.1	34.2	57. One microscope reading decreased 10″.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−10°3994	9	52 52.01	+ 0.37	+10.92	310 15 58.62	44.845	+ 5.78	−1 10.3	14 53 3.30	− 2.12	−10 46 13.2	+ 3.7
2	B. D.−18°3945	9	54 48.47	+ 0.34	+10.92	302 47 55.62	44.540	+ 5.78	−1 32.3	14 54 59.73	− 2.26	−18 14 45.1	+ 2.7
3	B. D.−14°4102	9	58 39.95	+ 0.35	+10.92	305 57 56.72	42.905	+ 5.78	−1 22.0	14 58 51.22	− 2.19	−15 5 11.1	+ 2.8
4	B. D.−12°4198	9	1 9.03	+ 0.36	+10.92	308 29 57.18	45.295	+ 5.78	−1 14.8	15 1 20.31	− 2.14	−12 32 8.8	+ 3.0
5	B. D.−17°4263	9	4 37.24	+ 0.34	+10.92	303 19 55.62	47.745	+ 5.78	−1 30.4	15 4 48.50	− 2.22	−17 41 29.9	+ 2.1
6	B. D.−19°4055	8	7 41.94	+ 0.33	+10.92	301 45 54.60	43.580	+ 5.78	−1 36.1	15 7 53.19	− 2.25	−19 17 11.9	+ 1.6
7	B. D.−12°4227	9	11 22.34	+ 0.36	+10.92	308 21 57.12	42.695	+ 5.78	−1 15.2	15 11 33.62	− 2.12	−12 41 8.6	+ 2.4
8	C. P. D.−25°5606	9	14 50.60	+ 0.30	+10.92	295 23 54.80	47.090	+ 5.78	−2 4.9	15 15 1.82	− 2.37	−25 38 20.2	+ 0.2
9	B. D.−20°4224	9	18 29.12	+ 0.33	+10.92	300 31 54.60	46.670	+ 5.78	−1 40.8	15 18 40.37	− 2.25	−20 30 5.9	+ 0.7
10	B. D.−20°4233	9	20 23.01	+ 0.32	+10.92	299 59 56.40	45.405	+ 5.78	−1 43.0	15 20 34.25	− 2.25	−21 2 35.3	+ 0.5
11	32 Libræ	9	22 41.37	+ 0.35	**+10.90**	304 37 58.25	48.960	+ 5.78	−1 26.1	15 22 52.64	.....	−16 22 55.3	....
12	γ Libræ	9	30 0.08	+ 0.36	**+10.96**	306 33 56.48	45.462	+ 5.78	−1 20.3	15 30 11.37	.....	−14 28 11.2	....
	April 14, Br.												
13	151 H^1. Cephei s. p.	9	6 0.68	− 1.18	+10.79	55 42 0.00	43.252	+ 5.60	+1 27.7	4 6 10.29	.....	+85 18 10.0	....
14	49 Herculis	9	47 32.83	+ 0.48	+10.79	336 9 56.62	43.715	+ 5.60	− 26.4	16 47 44.10	.....	+15 8 2.7	....
15	κ Ophiuchi	9	52 57.75	+ 0.46	**+10.81**	330 31 56.62	47.630	+ 5.60	− 33.7	16 53 9.00	.....	+ 9 31 24.8	....
16	d Herculis	9	57 53.83	+ 0.54	+10.79	354 43 58.08	43.478	+ 5.60	− 5.5	16 58 5.16	.....	+33 42 19.5	....
17	η Ophiuchi	9	4 42.89	+ 0.37	**+10.79**	305 25 56.02	45.348	+ 5.60	−1 23.8	17 4 54.05	.....	−15 36 17.9	....
18	A Ophiuchi (*south*)	5	9 17.34	+ 0.32	+10.79	294 35 55.48	43.912	+ 5.60	−2 9.8	17 9 28.45	.....	−26 27 37.5	....
19	A Ophiuchi (*north*)	5	9 17.45	+ 0.32	+10.79	294 35 55.48	44.095	+ 5.60	−2 9.8	17 9 28.56	.....	−26 27 32.8	....
20	θ Ophiuchi	9	15 57.46	+ 0.33	+10.79	296 8	......	....	. ....	17 16 8.58	.....	−24 54	....
21	σ Ophiuchi	9	21 35.32	+ 0.45	**+10.81**	325 13 57.25	47.942	+ 5.60	− 41.4	17 21 46.56	.....	+ 4 13 24.9	....
22	74 B. Camelopardalis s. p.	9	26 41.77	− 0.04	+10.79	66 0 0.42	44.497	+ 5.60	+2 14.2	5 26 52.52	.....	+74 58 54.9	....
23	ι Herculis	9	36 35.26	+ 0.61	+10.79	7 4 1.28	45.398	+ 5.60	+ 7.5	17 36 46.66	.....	+46 3 19.7	....
24	μ Herculis	9	42 32.06	+ 0.53	**+10.81**	348 48 1.35	44.155	+ 5.60	− 11.8	17 42 43.38	.....	+27 46 31.7	....
25	z Herculis	9	47 22.51	+ 0.62	+10.79	9 26 1.80	44.635	+ 5.60	+ 10.0	17 47 33.92	− 1.32	+48 25 5.3	+ 8.7
26	ξ Draconis	9	51 41.98	+ 0.69	+10.79	17 54 2.00	44.332	+ 5.60	+ 19.4	17 51 53.46	.....	+56 53 7.9	....
27	δ Ursæ Minoris	9	3 6.39	+ 2.77	+10.79	47 36 3.90	46.432	+ 5.60	+1 5.8	18 3 19.95	.....	+86 36 43.8	....
28	δ Sagittarii	9	14 41.29	+ 0.32	+10.79	291 11 51.40	44.172	+ 5.60	−2 33.2	18 14 52.40	.....	−29 51 58.7	....
29	109 Herculis	9	19 26.28	+ 0.52	**+10.81**	342 43 54.32	47.300	+ 5.60	− 18.6	18 19 37.59	.....	+21 43 30.1	....
30	Venus II, C	9	13 35.61	+ 0.44	+10.81	320 49 52.48	45.991	+ 5.58	− 47.2	0 13 46.86	− 0.36	− 0 11 30.3	....
	April 15, Br.												
31	Sun I, S.	9	32 29.36	+ 0.48	+10.81	330 33 55.15	42.218	+ 5.76	− 32.4	1 32 40.65	+64.93	+ 9 31 21.2	....
32	Sun II, N	9	34 39.23	+ 0.48	+10.81	331 5 54.50	41.940	+ 5.76	− 31.7	1 34 50.52	−64.94	+10 3 14.8	....
	April 15, Ei.-Y.												
33	π Leonis	9	54 58.53	+ 0.39	**+10.95**	329 31 54.75	44.255	+ 5.62	− 33.9	9 55 9.88	.....	+ 8 30 5.7	....
34	η Leonis	9	1 56.03	+ 0.42	**+10.90**	338 15 56.88	42.660	+ 5.62	− 23.0	10 2 7.41	.....	+17 13 42.2	....
35	B. D.+15°2171	9	5 35.79	+ 0.41	+10.96	335 57 56.08	46.660	+ 5.62	− 25.6	10 5 47.16	− 1.40	+14 57 10.3	+11.6
36	B. D.+11°2190	9	8 33.92	+ 0.40	+10.96	332 19 54.18	46.088	+ 5.62	− 30.2	10 8 45.28	− 1.42	+11 18 50.7	+12.6
37	B. D.+ 8°2336	9	11 42.28	+ 0.39	+10.96	329 43 54.92	47.318	+ 5.62	− 33.6	10 11 53.63	− 1.45	+ 8 43 16.1	+13.3
38	B. D.+ 5°2321	9	15 33.06	+ 0.38	+10.96	326 9 54.18	43.185	+ 5.62	− 38.6	10 15 44.40	− 1.48	+ 5 7 36.0	+14.2
39	B. D.+ 6°2301	9	18 5.68	+ 0.38	+10.96	327 11 54.72	45.895	+ 5.62	− 37.1	10 18 17.02	− 1.49	+ 6 10 39.9	+13.9
40	B. D.+ 7°2306	9	22 14.33	+ 0.39	+10.96	328 43 54.82	44.402	+ 5.62	− 35.0	10 22 25.68	− 1.50	+ 7 42 8.0	+13.4
41	B. D.+ 8°2369	9	24 38.62	+ 0.39	+10.96	329 33 54.45	43.920	+ 5.62	− 33.8	10 24 49.97	− 1.50	+ 8 31 57.8	+13.1
42	B. D.+ 5°2347	9	27 9.49	+ 0.38	+10.96	326 9 54.12	44.430	+ 5.62	− 38.6	10 27 20.83	− 1.53	+ 5 8 4.3	+14.0
43	B. D.+13°2280	9	31 46.03	+ 0.41	+10.96	334 23 54.75	42.935	+ 5.62	− 27.6	10 31 57.40	− 1.51	+13 21 41.8	+11.7
44	B. D.+12°2242	9	35 22.80	+ 0.40	+10.96	333 35 55.08	45.292	+ 5.62	− 28.6	10 35 34.16	− 1.52	+12 34 35.0	+11.8
45	34 Sextantis	9	37 30.34	+ 0.37	**+10.97**	325 5 55.48	46.540	+ 5.62	− 40.1	10 37 41.67	.....	+ 4 4 52.4	....
46	B. D.+13°2302	9	41 4.85	+ 0.41	+10.96	334 15 55.72	46.488	+ 5.62	− 27.7	10 41 16.22	− 1.54	+13 15 3.9	+11.5
47	B. D.+ 2°2359	9	43 42.98	+ 0.36	+10.96	322 55 55.05	45.475	+ 5.62	− 43.4	10 43 54.30	− 1.62	+ 1 54 24.4	+14.4
48	B. D.+ 8°2422 (*fol.*)	9	47 0.62	+ 0.39	+10.96	328 59 55.08	44.265	+ 5.62	− 34.6	10 47 11.97	− 1.59	+ 7 58 4.5	+12.8
49	B. D.+10°2223	9	50 38.81	+ 0.40	+10.96	331 39 54.45	43.645	+ 5.62	− 31.0	10 50 50.17	− 1.59	+10 37 54.3	+12.1
50	B. D.+ 2°2373	9	53 42.02	+ 0.37	+10.96	323 15 55.35	45.568	+ 5.62	− 42.9	10 53 53.35	− 1.66	+ 2 14 27.3	+14.0
51	B. D.− 1°2471	9	56 46.25	+ 0.35	+10.96	319 3 55.58	43.910	+ 5.62	− 49.9	10 56 57.56	− 1.71	− 1 58 17.4	+14.9
52	B. D.− 0°2401	9	59 15.09	+ 0.36	+10.96	320 15 54.08	44.972	+ 5.62	− 47.8	10 59 26.41	− 1.70	− 0 45 52.5	+14.2
53	B. D.+10°2250	9	2 2.76	+ 0.40	+10.96	331 45 54.22	43.155	+ 5.62	− 30.9	11 2 14.12	− 1.63	+10 43 43.0	+11.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 15 6	......	....	33.9
15 31	29.83	35.0	33.8
16 8	29.825	34.8	33.1
16 48	......	....	33.0
17 37	29.82	33.0	32.8
18 3	29.83	32.9	32.0
18 19	29.83	32.9	32.1
0 14	29.88	49.0	48.7
15 1 35	29.82	51.0	51.3
9 53	29.620	48.5	47.3
10 19	......	....	46.8
10 45	29.57	47.5	46.7
11 7	......	....	46.1

Micrometer bisections are made at II, VI, except as noted below.

5, 7, 40, 43. Bisections at II, VII.
13, 22, 27. Bisections at III, IV, V.
18, 31. Bisections at I, II.
19, 24, 32. Bisections at VI, VII.
23, 25, 26. Bisections at III, V.
28, 30. Bisections at I, II, VI, VII.

Notes.

22. Micrometer reading decreased 1 rev.
28, 41, 42, 51–53. Unsteady.
31. Micrometer reading increased 1 rev.
33. Clouds.
44. One microscope reading decreased 10″.
47. Diffuse.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
30	+ 3.6	.. ....	− 0.1	+ 3.5
31	+ 4.3	+15 56.7	...	+16 1.0
32	+ 4.2	−15 56.8	...	−15 52.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 5°2467........	9	9 11.96	+ 0.38	+10.96	325 49 54.35	46.790	+ 5.62	− 39.0	11 9 23.30	− 1.69	+ 4 48 58.1	+13.0
2	B. D.+ 2°2409........	9	12 11.44	+ 0.37	+10.96	323 33 54.80	44.640	+ 5.62	− 42.5	11 12 22.77	− 1.72	+ 2 32 5.9	+13.4
3	B. D.+ 3°2490........	9	15 50.74	+ 0.37	+10.96	323 57 55.68	46.270	+ 5.62	− 41.8	11 16 2.07	− 1.73	+ 2 56 44.5	+13.2
4	B. D.+ 8°2492........	9	16 32.49	+ 0.39	+10.96	328 45 54.02	46.095	+ 5.62	− 34.9	11 16 43.84	− 1.70	+ 7 44 46.2	+12.2
5	B. D.− 2°3337........	9	18 30.95	+ 0.35	+10.96	318 15 56.40	45.168	+ 5.62	− 51.3	11 18 42.26	− 1.79	− 2 45 49.2	+14.3
6	B. D.+ 4°2463........	9	20 44.44	+ 0.37	+10.96	325 23 55.15	47.188	+ 5.62	− 39.7	11 20 55.77	− 1.74	+ 4 23 7.3	+12.8
7	B. D.− 3°3128........	9	24 11.16	+ 0.34	+10.96	317 5 54.15	46.335	+ 5.62	− 53.4	11 24 22.46	− 1.82	− 3 55 26.9	+14.3
8	B. D.+ 8°2518........	9	28 0.89	+ 0.39	+10.96	328 57 55.50	44.778	+ 5.62	− 34.6	11 28 12.24	− 1.73	+ 7 56 17.7	+11.8
9	B. D.+ 7°2461........	9	30 27.07	+ 0.38	+10.96	328 3 53.90	46.860	+ 5.62	− 35.8	11 30 38.41	− 1.75	+ 7 3 2.5	+11.9
10	B. D.− 2°3390........	9	35 13.63	+ 0.35	+10.96	318 13 55.22	46.320	+ 5.62	− 51.3	11 35 24.94	− 1.85	− 2 47 24.0	+13.7
11	B. D.− 5°3340........	9	38 51.43	+ 0.34	+10.96	314 53 53.85	42.915	+ 5.62	− 57.7	11 39 2.73	− 1.90	− 6 8 49.6	+14.1
12	B. D.− 2°3411........	9	41 36.61	+ 0.35	+10.96	317 49 54.00	42.978	+ 5.62	− 52.1	11 41 47.92	− 1.87	− 3 12 42.4	+13.5
13	β Virginis................	9	45 32.23	+ 0.37	**+10.96**	323 19 54.55	44.790	+ 5.62	− 42.8	11 45 43.56	.....	+ 2 18 8.8	....
14	B. D.+ 5°2555........	9	48 59.61	+ 0.38	+10.96	326 25 53.80	45.748	+ 5.62	− 38.1	11 49 10.95	− 1.81	+ 5 24 34.7	+11.7
15	B. D.− 3°3210........	9	51 57.05	+ 0.34	+10.96	316 45 55.05	47.150	+ 5.62	− 54.0	11 52 8.35	− 1.92	− 4 15 7.9	+13.2
16	B. D.+ 1°2636........	8	53 59.20	+ 0.36	+10.96	322 5 54.15	43.640	+ 5.62	− 44.8	11 54 10.52	− 1.86	+ 1 3 39.9	+12.3
17	b Virginis................	9	54 52.38	+ 0.37	+10.96	325 13 53.95	42.208	+ 5.62	− 39.9	11 55 3.71	− 1.84	+ 4 11 12.1	+11.8
18	B. D.+ 2°2509........	9	59 9.13	+ 0.36	+10.96	323 1 54.65	43.490	+ 5.62	− 43.3	11 59 20.45	− 1.87	+ 1 59 38.7	+12.0
19	*o* Virginis................	9	0 9.64	+ 0.39	**+10.96**	330 15 54.48	48.685	+ 5.62	− 32.8	12 0 20.99	.....	+ 9 15 48.0	....
20	B. D.− 3°3239........	9	3 7.84	+ 0.34	+10.96	317 15 54.65	46.482	+ 5.62	− 53.0	12 3 19.14	− 1.94	− 3 45 22.5	+12.7
21	B. D.− 2°3478........	9	6 17.68	+ 0.35	+10.96	317 47 54.75	42.760	+ 5.62	− 52.1	12 6 28.99	− 1.94	− 3 14 46.7	+12.4
22	B. D.+ 3°2616........	9	8 52.06	+ 0.37	+10.96	323 49 53.88	43.048	+ 5.62	− 42.0	12 9 3.39	− 1.88	+ 2 47 29.1	+11.5
23	B. D.− 6°3532 (*pr.*)...	9	10 2.47	+ 0.34	+10.96	314 17 53.90	46.422	+ 5.62	− 58.8	12 10 13.77	− 2.00	− 6 43 30.5	+12.8
24	B. D.− 3°3262........	9	13 4.29	+ 0.35	+10.96	317 35 55.18	46.168	+ 5.62	− 52.4	12 13 15.60	− 1.96	− 3 25 28.7	+12.2
25	η Virginis................	9	14 50.24	+ 0.36	**+11.02**	320 53 53.18	44.092	+ 5.62	− 46.7	12 15 1.56	.....	− 0 8 12.4	....
	April 15, M.												
26	Venus II, C............	9	18 6.10	+ 0.36	+10.94	321 19 53.52	42.999	+ 6.12	− 46.5	0 18 17.40	− 0.36	+ 0 17 23.6	....
	April 16, M.												
27	Sun I, S................	9	36 11.17	+ 0.40	+10.94	330 53 53.88	45.697	+ 6.22	− 32.3	1 36 22.51	+64.98	+ 9 52 40.0	....
28	Sun II, N..............	9	38 21.13	+ 0.40	+10.94	331 25 53.60	45.492	+ 6.22	− 31.6	1 38 32.47	−64.98	+10 24 35.7	....
29	Mercury C, C.........	6	48 5.89	+ 0.43	+10.95	339 39 55.75	42.873	+ 6.32	− 21.6	2 48 17.27	+ 0.08	+18 37 47.9	....
30	κ Cancri................	9	2 22.72	+ 0.40	**+10.95**	332 3 54.52	46.692	+ 5.82	− 31.3	9 2 34.09	.....	+11 3 3.9	....
31	θ Hydræ................	9	9 12.13	+ 0.37	**+10.96**	323 43 54.92	46.788	+ 5.82	− 43.3	9 9 23.47	.....	+ 2 42 54.5	....
32	83 Cancri................	9	13 27.20	+ 0.43	**+11.04**	339 7 56.55	44.948	+ 5.82	− 22.5	9 13 38.60	.....	+18 6 34.9	....
33	α Hydræ................	9	22 42.21	+ 0.33	**+10.99**	312 47 53.55	43.140	+ 5.82	−1 3.7	9 22 53.51	.....	− 8 14 50.6	....
34	ξ Leonis................	9	26 36.19	+ 0.41	**+11.00**	332 43 54.15	47.308	+ 5.82	− 30.4	9 26 47.57	.....	+11 43 18.5	....
35	*o* Leonis................	9	**35 51.63**	+ 0.38	**+10.98**	331 21 55.38	42.700	+ 5.82	− 32.2	9 36 2.98	.....	+10 19 32.7	....
	April 16, Ei.-Y.												
36	ζ Leonis................	9	11 11.12	+ 0.44	**+11.03**	344 53 55.50	47.478	+ 5.70	− 15.9	10 11 22.57	.....	+23 53 38.1	....
37	B. D.+18°2345........	9	13 34.55	+ 0.43	+11.01	339 11 55.65	46.310	+ 5.70	− 22.5	10 13 45.99	− 1.41	+18 11 5.0	+10.4
38	42 Leonis................	9	16 30.66	+ 0.42	+11.01	336 29 54.42	42.155	+ 5.70	− 25.8	10 16 42.09	− 1.43	+15 27 25.5	+11.2
39	B. D.+13°2252........	9	19 41.77	+ 0.41	+11.01	334 15 55.08	40.750	+ 5.70	− 28.6	10 19 53.19	− 1.45	+13 12 51.3	+11.8
40	B. D.+15°2205........	9	23 6.81	+ 0.42	+11.01	336 15 54.85	44.950	+ 5.70	− 26.0	10 23 18.24	− 1.46	+15 14 29.6	+11.2
41	B. D.+ 2°2325........	9	25 23.69	+ 0.37	+11.01	323 39 54.65	45.435	+ 5.70	− 43.6	10 25 35.07	− 1.53	+ 2 38 22.9	+14.7
42	ρ Leonis................	9	27 35.63	+ 0.40	**+10.94**	330 47 54.12	48.885	+ 5.70	− 33.1	10 27 47.04	.....	+ 9 47 51.7	....
43	B. D.+ 4°2351........	9	29 10.05	+ 0.38	+11.01	325 37 54.90	44.888	+ 5.70	− 40.5	10 29 21.44	− 1.53	+ 4 36 13.8	+14.0
44	B. D.+ 6°2326........	9	33 17.85	+ 0.38	+11.01	327 25 54.08	45.745	+ 5.70	− 37.9	10 33 29.24	− 1.54	+ 6 24 35.1	+13.5
45	B. D.+ 7°2345........	9	36 28.17	+ 0.39	+11.01	328 33 53.68	44.235	+ 5.70	− 36.2	10 36 39.57	− 1.54	+ 7 32 1.9	+13.1
46	37 Sextantis............	9	40 55.99	+ 0.39	+11.01	327 53 53.30	45.700	+ 5.70	− 37.2	10 41 7.39	.....	+ 6 52 33.7	....
47	B. D.+ 7°2358........	9	42 9.87	+ 0.39	+11.01	327 51 53.58	46.755	+ 5.70	− 37.2	10 42 21.27	− 1.57	+ 6 50 58.4	+13.2
48	B. D.+12°2266........	9	45 55.90	+ 0.41	+11.01	333 7 54.12	41.585	+ 5.70	− 30.1	10 46 7.32	− 1.56	+12 5 7.9	+11.7
49	B. D.+ 3°2429........	9	48 45.17	+ 0.37	+11.01	324 11 54.52	44.282	+ 5.70	− 42.8	10 48 56.55	− 1.62	+ 3 9 57.3	+13.9
50	B. D.− 0°2392........	9	51 36.54	+ 0.36	+11.01	320 21 52.72	45.890	+ 5.70	− 49.1	10 51 47.91	− 1.66	− 0 39 34.1	+14.8
51	*d* Leonis................	9	55 26.51	+ 0.38	**+10.96**	325 9 53.52	43.790	+ 5.70	− 41.3	10 55 37.90	.....	+ 4 7 46.5	....
52	χ Leonis................	9	59 54.17	+ 0.39	**+11.04**	328 53 53.45	41.840	+ 5.70	− 35.8	11 0 5.57	.....	+ 7 51 7.4	....
53	B. D.+ 4°2423........	9	3 7.03	+ 0.38	+11.01	325 3 52.58	47.055	+ 5.70	− 41.4	11 3 18.42	− 1.67	+ 4 2 59.8	+13.3
54	B. D.+ 2°2391........	9	3 55.06	+ 0.37	+11.01	323 7 54.22	46.635	+ 5.70	− 44.5	11 4 6.44	− 1.69	+ 2 6 49.0	+13.7
55	B. D.+ 0°2761........	9	8 41.06	+ 0.36	+11.02	321 27 53.95	47.185	+ 5.70	− 47.3	11 8 52.44	− 1.73	+ 0 26 58.3	+14.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 11 31	29.53	47.0	46.2
11 47	....	....	46.1
12 16	29.49	46.8	46.0
0 18	29.77	46.5	45.0
16 1 38	29.795	48.0	45.5
2 48	29.82	48.4	45.0
9 2	29.91	41.8	40.0
9 32	29.92	41.0	40.0
10 9	29.925	40.6	39.0
10 30	....	....	38.2
10 53	29.94	38.9	38.0

Micrometer bisections are made at II, VI, except as noted below.

3, 16, 46, 53, 55.	Bisections at I, II.
4, 19.	Bisections at VI, VII.
12, 20.	Bisections at II, VII.
26.	Bisections at I, II, VI, VII.
27.	Bisections at I, II, III.
28, 29.	Bisections at V, VI, VII.

Notes.

20. Quite nebulous.

22–25. Images very poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
26	+ 3.5	.. ....	− 0.1	+ 3.4
27	+ 4.2	+15 57.8	...	+16 2.0
28	+ 4.2	−15 57.9	...	−15 53.7
29	+ 3.1	.. ....	+ 0.5	+ 3.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 0°2422........	9	9 33.28	+ 0.36	+11.02	320 15 54.02	47.225	+ 5.70	− 49.3	11 9 44.66	− 1.73	− 0 45 2.5	+14.2
2	B. D.+10°2274........	9	13 57.95	+ 0.40	+11.02	331 17 54.50	44.990	+ 5.70	− 32.5	11 14 9.37	− 1.66	+10 16 23.7	+11.6
3	B. D.+ 9°2482........	8	16 42.27	+ 0.40	+11.02	330 43 54.08	42.775	+ 5.70	− 33.3	11 16 53.69	− 1.68	+ 9 41 31.8	+11.6
4	B. D.− 0°2437........	9	19 14.33	+ 0.36	+11.02	320 1 53.18	44.570	+ 5.70	− 49.8	11 19 25.71	− 1.77	− 1 0 4.8	+13.9
5	B. D.+ 4°2461........	8	20 33.71	+ 0.38	+11.02	324 51 54.95	43.312	+ 5.70	− 41.8	11 20 45.11	− 1.73	+ 3 49 36.5	+12.8
6	B. D.− 0°2442........	9	22 49.79	+ 0.36	+11.02	319 51 53.98	43.455	+ 5.70	− 50.1	11 23 1.17	− 1.79	− 1 10 29.5	+13.8
7	B. D.+ 5°2511........	9	32 3.66	+ 0.38	+11.02	326 31 53.12	42.962	+ 5.70	− 39.3	11 32 15.06	− 1.76	+ 5 29 29.2	+12.1
8	B. D.+ 4°2510........	9	35 24.44	+ 0.38	+11.02	325 11 54.60	47.292	+ 5.70	− 41.3	11 35 35.84	− 1.78	+ 4 11 7.6	+12.3
9	B. D.+ 9°2545........	9	40 10.59	+ 0.39	+11.02	329 49 52.95	42.380	+ 5.70	− 34.6	11 40 22.00	− 1.76	+ 8 47 20.4	+11.2
10	B. D.+ 0°2843........	9	43 58.00	+ 0.36	+11.02	321 13 52.10	46.575	+ 5.70	− 47.8	11 44 9.38	− 1.84	+ 0 12 42.3	+12.8
11	B. D.− 5°3377........	9	47 54.78	+ 0.34	+11.02	315 19 54.40	44.000	+ 5.70	− 58.8	11 48 6.14	− 1.92	− 5 42 25.3	+13.6
12	B. D.+ 4°2544........	8	50 2.62	+ 0.38	+11.02	324 45 54.28	47.038	+ 5.70	− 42.0	11 50 14.02	− 1.82	+ 3 45 0.8	+11.9
13	B. D.− 5°3396........	9	53 56.85	+ 0.34	+11.02	314 53 52.68	46.860	+ 5.70	− 59.7	11 54 8.21	− 1.94	− 6 7 22.5	+13.4
14	B. D.− 3°3224........	9	56 21.99	+ 0.35	+11.02	317 21 53.50	44.932	+ 5.70	− 54.8	11 56 33.36	− 1.92	− 3 40 0.9	+12.9
15	B. D.− 5°3416........	9	0 30.59	+ 0.34	+11.02	315 43 53.88	42.778	+ 5.70	− 58.1	12 0 41.95	− 1.95	− 5 18 53.0	+13.0
16	B. D.− 0°2540........	9	4 44.33	+ 0.36	+11.02	320 33 52.48	43.720	+ 5.70	− 49.0	12 4 55.71	− 1.90	− 0 28 23.8	+12.1
17	B. D.+ 1°2667........	9	8 1.02	+ 0.36	+11.02	321 47 54.12	45.280	+ 5.70	− 46.9	12 8 12.40	− 1.90	+ 0 46 15.6	+11.8
18	B. D.− 6°3538........	9	11 16.31	+ 0.33	+11.02	314 1 52.68	45.095	+ 5.70	−1 1.6	12 11 27.66	− 2.00	− 7 0 5.0	+12.7
19	B. D.− 3°3263........	9	13 4.62	+ 0.35	+11.02	317 35 53.30	47.238	+ 5.70	− 54.4	12 13 15.99	− 1.96	− 3 25 8.0	+12.1
20	η Virginis..............	9	14 50.25	+ 0.36	**+11.01**	320 53 52.08	44.272	+ 5.70	− 48.5	12 15 1.63	....	− 0 8 11.1	....
21	B. D.− 6°3557........	9	18 3.95	+ 0.34	+11.02	314 15 53.35	44.760	+ 5.70	−1 1.2	12 18 15.31	− 2.02	− 6 46 11.4	+12.4
22	B. D.+ 0°2944........	9	21 41.69	+ 0.36	+11.02	321 23 54.05	41.258	+ 5.70	− 47.7	12 21 53.07	− 1.94	+ 0 20 42.8	+11.3
23	B. D.− 7°3409........	9	22 50.51	+ 0.33	+11.02	312 53 52.35	42.985	+ 5.70	−1 4.2	12 23 1.86	− 2.04	− 8 8 55.9	+12.2
24	B. D.− 5°3513........	8	24 56.69	+ 0.34	+11.02	315 31 52.80	46.108	+ 5.70	− 58.5	12 25 8.05	− 2.01	− 5 29 38.2	+11.8
25	B. D.+ 0°2952........	9	27 54.99	+ 0.36	+11.02	321 17 54.70	42.315	+ 5.70	− 47.8	12 28 6.37	− 1.95	+ 0 15 7.2	+11.0
26	B. D.− 0°2590........	9	29 18.53	+ 0.36	+11.02	320 9 52.85	42.458	+ 5.70	− 49.8	12 29 29.91	− 1.97	− 0 52 53.1	+11.1
27	B. D.− 1°2699........	9	32 0.72	+ 0.35	+11.02	319 13 53.72	46.050	+ 5.70	− 51.4	12 32 12.09	− 1.98	− 1 47 31.7	+11.1
28	B. D.− 5°3542........	9	34 24.19	+ 0.34	+11.02	315 27 54.45	43.708	+ 5.70	− 58.7	12 34 35.55	− 2.04	− 5 34 31.8	+11.4
29	ρ Virginis..............	9	36 52.03	+ 0.40	**+11.01**	331 45 52.68	48.600	+ 5.70	− 32.0	12 37 3.45	....	+10 45 44.9	....
30	ζ Virginis..............	9	29 38.71	+ 0.37	**+11.01**	320 55 52.92	43.548	+ 5.70	− 48.6	13 29 50.10	....	− 0 6 26.9	....
31	B. D.− 5°3737........	9	32 28.66	+ 0.35	+11.02	314 51 53.28	45.430	+ 5.70	−1 0.1	13 32 40.03	− 2.12	− 6 9 55.0	+ 8.4
32	B. D.− 9°3737........	9	34 21.17	+ 0.33	+11.02	311 23 51.82	46.305	+ 5.70	−1 7.8	13 34 32.52	− 2.17	− 9 37 44.2	+ 8.4
33	m Virginis..............	9	36 25.12	+ 0.34	**+11.02**	312 47 52.92	47.430	+ 5.70	−1 4.5	13 36 36.48	....	− 8 13 14.1	....
34	B. D.−10°3743........	9	39 0.27	+ 0.33	+11.02	310 3 53.00	47.398	+ 5.70	−1 11.0	13 39 11.62	− 2.20	−10 57 21.2	+ 8.1
35	B. D.−17°3932........	9	42 2.95	+ 0.30	+11.02	303 39 53.18	44.220	+ 5.70	−1 29.7	13 42 14.27	− 2.32	−17 22 52.4	+ 7.8
36	89 Virginis..............	9	44 30.23	+ 0.30	**+11.00**	303 23 53.05	42.665	+ 5.70	−1 30.6	13 44 41.55	....	−17 39 28.9	....
37	B. D.−15°3756........	8	47 52.36	+ 0.31	+11.02	305 31 52.58	42.210	+ 5.70	−1 23.7	13 48 3.69	− 2.28	−15 31 32.9	+ 7.5
38	B. D.− 9°3804........	9	50 38.68	+ 0.33	+11.02	311 43 51.85	47.618	+ 5.70	−1 7.0	13 50 50.03	− 2.17	− 9 17 13.3	+ 7.4
39	B. D.− 6°3911........	9	53 48.22	+ 0.34	+11.02	314 33 53.28	46.608	+ 5.70	−1 0.7	13 53 59.58	− 2.13	− 6 27 28.7	+ 7.3
40	B. D.− 5°3798........	9	57 47.53	+ 0.35	+11.02	314 57 53.38	47.865	+ 5.70	− 59.9	13 57 58.90	− 2.12	− 6 2 59.1	+ 7.1
41	B. D.− 6°3930........	9	0 0.56	+ 0.34	+11.02	314 11 53.30	47.735	+ 5.70	−1 1.5	14 0 11.92	− 2.13	− 6 49 3.7	+ 7.0
42	B. D.−17°4013........	9	3 25.51	+ 0.30	+11.02	303 45 52.65	44.135	+ 5.70	−1 29.4	14 3 36.83	− 2.32	−17 16 54.5	+ 6.4
43	κ Virginis..............	9	7 37.27	+ 0.33	**+11.00**	311 11 52.38	46.332	+ 5.70	−1 8.3	14 7 48.62	....	− 9 49 43.5	....
44	B. D.−15°3837........	9	10 26.36	+ 0.31	+11.02	305 23 51.65	45.930	+ 5.70	−1 24.1	14 10 37.69	− 2.28	−15 38 9.4	+ 6.0
45	B. D.− 8°3740........	9	12 7.44	+ 0.34	+11.02	312 25 52.48	48.748	+ 5.70	−1 5.4	14 12 18.80	− 2.16	− 8 34 45.3	+ 6.2
46	λ Virginis..............	9	13 45.73	+ 0.32	**+10.99**	308 5 53.68	46.358	+ 5.70	−1 16.3	14 13 57.07	....	−12 55 49.6	....
47	B. D.− 7°3834 (*mean*).	9	17 24.56	+ 0.34	+11.02	313 41 53.68	46.022	+ 5.70	−1 2.6	14 17 35.92	− 2.14	− 7 19 43.6	+ 6.0
48	B. D.−11°3736........	9	19 21.99	+ 0.33	+11.02	309 47 54.02	45.422	+ 5.70	−1 11.8	14 19 33.34	− 2.20	−11 14 6.2	+ 5.7
49	B. D.−12°4055........	9	22 23.75	+ 0.32	+11.02	308 5 55.55	46.530	+ 5.70	−1 16.3	14 22 35.09	− 2.22	−12 55 43.8	+ 5.4
50	B. D.−11°3753........	9	25 58.54	+ 0.32	+11.02	309 33 52.25	49.212	+ 5.70	−1 12.4	14 26 9.88	− 2.20	−11 26 41.9	+ 5.3
51	B. D.−19°3903........	8	29 17.49	+ 0.28	+11.02	301 1 54.58	43.838	+ 5.70	−1 39.3	14 29 28.79	− 2.36	−20 1 9.3	+ 4.3
52	B. D.−15°3922........	9	34 40.95	+ 0.30	+11.02	305 15 52.68	42.940	+ 5.70	−1 24.6	14 34 52.27	− 2.26	−15 47 17.0	+ 4.4
53	B. D.−20°4074........	9	36 59.22	+ 0.28	+11.02	300 15 52.10	44.232	+ 5.70	−1 42.4	14 37 10.52	− 2.36	−20 47 5.9	+ 3.7
54	Piazzi 166..............	9	40 35.11	+ 0.28	+11.02	300 15 52.02	46.642	+ 5.70	−1 42.4	14 40 46.41	− 2.36	−20 46 10.8	+ 3.4
55	8 Libræ..............	9	45 13.44	+ 0.31	**+11.01**	305 25 52.88	46.430	+ 5.70	−1 24.0	14 45 24.77	....	−15 35 56.5	....
56	B. D.−22°3858........	9	47 36.77	+ 0.27	+11.02	297 57 53.10	46.180	+ 5.70	−1 52.4	14 47 48.06	− 2.40	−23 4 30.3	+ 2.7
57	B. D.−18°3933........	9	50 45.16	+ 0.29	+11.02	302 29 50.95	45.705	+ 5.70	−1 33.9	14 50 56.47	− 2.30	−18 32 24.8	+ 3.0
58	B. D.−21°4004........	9	53 0.98	+ 0.27	+11.02	299 1 52.65	44.815	+ 5.70	−1 47.6	14 53 12.27	− 2.37	−22 0 57.2	+ 2.4
59	C. P. D.−24°5421......	9	55 23.73	+ 0.26	+11.02	296 15 52.05	47.695	+ 5.70	−2 0.8	14 55 35.01	− 2.43	−24 46 5.1	+ 1.9
60	B. D.−22°3897........	9	59 34.31	+ 0.27	+11.02	298 23 51.32	46.550	+ 5.70	−1 50.4	14 59 45.60	− 2.37	−22 38 21.6	+ 1.8
61	B. D.−15°4028........	9	1 18.40	+ 0.30	+11.02	304 55 52.50	44.295	+ 5.70	−1 25.7	15 1 29.72	− 2.23	−16 6 47.5	+ 2.6
62	B. D.−12°4214........	9	5 47.97	+ 0.32	+11.02	308 19 51.40	47.325	+ 5.70	−1 15.7	15 5 59.31	− 2.16	−12 41 29.2	+ 2.7
63	C. P. D.−24°5475......	8	7 43.09	+ 0.26	+11.02	296 5 51.60	45.740	+ 5.70	−2 1.9	15 7 54.37	− 2.41	−24 56 51.4	+ 0.9

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
16 11 22	.....	....	37.2	4, 18, 25, 44, 61. Bisections at I, II. 9, 17, 56. Bisections at II, VII. 10. Bisections at II, VI, VII. 24. Bisections at VI, VII. Notes. 4. Very diffuse. 6–28. Conditions poor.					
11 45	29.96	37.6	36.6						
12 10	.....	....	36.2						
12 38	30.00	36.5	35.9						
13 28	30.01	35.8	35.1						
13 46	.....	....	35.0						
14 4	30.00	35.0	34.5						
14 31	.....	....	34.2						
14 56	30.00	34.5	34.0						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −15°4071........	9	11 30.90	+ 0.31	+11.02	305 49 52.42	42.428	+ 5.70	−1 23.0	15 11 42.23	− 2.19	−15 13 27.4	+ 2.0
2	B. D. −17°4312........	9	15 17.89	+ 0.30	+11.02	303 13 50.90	45.060	+ 5.70	−1 31.4	15 15 29.21	− 2.23	−17 48 37.1	+ 1.4
3	B. D. −13°4152........	9	18 35.89	+ 0.31	+11.02	307 3 51.75	45.818	+ 5.70	−1 19.4	15 18 47.22	− 2.16	−13 58 7.0	+ 1.8
4	B. D. −19°4106........	9	21 10.16	+ 0.29	+11.02	301 21 52.02	46.598	+ 5.70	−1 38.2	15 21 21.47	− 2.26	−19 40 7.4	+ 0.7
5	B. D. −17°4356........	9	26 20.65	+ 0.29	+11.02	302 51 51.72	47.852	+ 5.70	−1 32.7	15 26 31.96	− 2.21	−18 9 33.9	+ 0.7
6	B. D. −12°4278........	9	27 47.77	+ 0.32	+11.02	308 21 53.18	42.405	+ 5.70	−1 15.8	15 27 59.11	− 2.11	−12 41 19.9	+ 1.4
7	B. D. −19°4165........	9	32 45.32	+ 0.29	+11.02	301 25 51.22	47.660	+ 5.70	−1 38.0	15 32 56.63	− 2.22	−19 35 43.9	0.0
8	C. P. D. −25°5630......	9	34 44.33	+ 0.26	+11.02	295 43 51.12	51.212	+ 5.70	−2 3.9	15 34 55.61	− 2.34	−25 16 48.7	− 1.2
9	B. D. −14°4266........	9	37 52.66	+ 0.31	+11.02	306 17 53.90	45.750	+ 5.70	−1 21.6	15 38 3.99	− 2.12	−14 44 8.6	+ 0.5
10	α Serpentis............	9	39 22.83	+ 0.39	**+10.98**	327 43 53.42	48.462	+ 5.70	− 37.9	15 39 34.24	.....	+ 6 43 36.6	....
11	β Serpentis............	9	41 35.72	+ 0.42	**+11.11**	336 43 53.30	47.055	+ 5.70	− 25.8	15 41 47.16	.....	+15 43 16.4	....
	April 17, R.												
12	151 H^1. Cephei s. P.	9	5 59.39	− 1.82	+11.01	55 41 55.92	43.443	+ 6.26	+1 26.6	4 6 8.58	.....	+85 18 10.2	....
13	74 B. Camelopardalis s. P.	9	26 41.28	− 0.26	+11.01	65 59 58.00	44.695	+ 6.26	+2 12.6	5 26 52.03	.....	+74 58 53.7	....
14	ξ Serpentis............	9	31 55.64	+ 0.37	**+11.01**	305 41 53.08	45.585	+ 6.26	−1 22.0	17 32 7.02	.....	−15 20 13.0	....
15	β Ophiuchi.............	9	38 33.83	+ 0.45	**+11.03**	325 37 54.40	45.422	+ 6.26	− 40.4	17 38 45.29	.....	+ 4 36 26.1	....
16	μ Herculis.............	9	42 31.93	+ 0.54	**+11.01**	348 47 56.20	44.372	+ 6.26	− 11.7	17 42 43.48	.....	+27 46 32.6	....
17	z Herculis.............	7	47 22.42	+ 0.66	+11.01	9 25 57.20	44.845	+ 6.26	+ 9.9	17 47 34.09	− 1.42	+48 25 6.1	+ 8.1
18	ν Ophiuchi.............	9	53 34.62	+ 0.39	**+11.01**	311 15 52.12	46.452	+ 6.26	−1 7.2	17 53 46.02	.....	− 9 45 39.4	....
19	δ Ursæ Minoris.........	9	3 6.78	+ 3.63	+11.01	47 35 59.45	46.637	+ 6.26	+1 4.9	18 3 21.42	.....	+86 36 43.8	....
20	η Serpentis............	9	16 10.47	+ 0.42	**+11.00**	318 5 54.95	46.452	+ 6.26	− 53.0	18 16 21.90	.....	− 2 55 22.1	....
21	χ Draconis.............	8	22 37.21	+ 1.06	+11.01	33 41 58.18	44.195	+ 6.26	+ 39.6	18 22 49.28	.....	+72 41 21.8	....
22	3 H. Scuti.............	9	29 48.89	+ 0.40	**+11.01**	312 43 53.08	43.778	+ 6.26	−1 4.0	18 30 0.30	.....	− 8 18 36.3	....
23	Venus II, C............	8	27 7.26	+ 0.41	+11.05	322 15 53.52	47.754	+ 6.54	− 44.1	0 27 18.72	− 0.36	+ 1 15 15.2	....
	April 18, R.												
24	Sun I, S...............	9	43 36.03	+ 0.42	+11.05	331 35 55.28	46.085	+ 6.42	− 30.6	1 43 47.50	+65.12	+10 34 52.1	....
25	Sun II, N..............	9	45 46.27	+ 0.42	+11.05	332 7 54.85	45.865	+ 6.42	− 29.9	1 45 57.74	−65.12	+11 6 47.3	....
26	Mercury C, C...........	8	58 30.63	+ 0.44	+11.05	340 37 55.80	44.011	+ 6.25	− 19.8	2 58 42.12	+ 0.10	+19 36 15.8	....
27	38 Lyncis..............	7	12 41.97	+ 0.51	+11.08	358 13 56.62	43.852	+ 5.76	− 1.7	9 12 53.56	− 1.09	+37 12 30.6	+ 4.4
28	28 Hydræ...............	9	20 25.92	+ 0.35	+11.08	316 19 53.80	43.662	+ 5.76	− 54.2	9 20 37.35	− 1.23	− 4 42 29.0	+18.2
29	ξ Leonis...............	9	26 36.12	+ 0.41	**+11.05**	332 43 54.20	47.258	+ 5.76	− 29.2	9 26 47.61	.....	+11 43 18.6	....
30	2 Sextantis............	9	33 16.72	+ 0.38	+11.08	326 7 54.70	40.922	+ 5.76	− 38 2	9 33 28.18	− 1.25	+ 5 4 45.3	+15.0
31	ε Leonis...............	9	40 13.96	+ 0.45	**+11.09**	345 13 56.40	45.405	+ 5.76	− 15.0	9 40 25.49	.....	+24 12 52.6	....
32	6 Sextantis............	9	46 13.77	+ 0.34	+11.08	317 15 53.95	39.935	+ 5.76	− 52.5	9 46 25.19	.....	− 3 47 52.0	....
33	83 B. Leonis...........	9	51 10.55	+ 0.39	+11.08	330 25 54.10	41.560	+ 5.76	− 32.3	9 51 22.02	− 1.32	+ 9 23 5.4	+13.3
34	16 Cephei s. P.	9	57 41.85	− 0.20	+11.08	68 15 58.72	43.518	+ 5.76	+2 22.3	21 57 52.73	+ 0.17	+72 43 10.8	+ 9.3
35	α Leonis...............	9	3 5.54	+ 0.40	**+11.10**	333 27 54.15	43.818	+ 5.76	− 28.4	10 3 17.02	.....	+12 26 0.7	....
36	24 Cephei s. P.	9	7 46.73	− 0.18	+11.08	69 5 58.55	46.612	+ 5.76	+2 28.7	22 7 57.63	.....	+71 51 53.8	....
37	γ Leonis (*pr.*)........	9	14 30.80	+ 0.43	**+11.06**	341 19 54.72	47.288	+ 5.76	− 19.2	10 14 42.31	.....	+20 19 29.7	....
38	30 H. Camelopardalis.....	5	19 16.28	+ 1.81	+11.08	44 4 0.05	42.457	+ 5.76	+ 55.2	10 19 29.17	− 3.41	+83 2 59.0	− 6.5
39	44 Hydræ...............	9	29 17.36	+ 0.25	+11.08	297 47 52.65	43.712	+ 5.76	−1 47.6	10 29 28.69	− 1.79	−23 15 22.3	+20.7
40	34 Sextantis...........	9	37 30.19	+ 0.36	**+11.10**	325 5 54.20	46.575	+ 5.76	− 39.7	10 37 41.63	.....	+ 4 4 52.5	....
41	*l* Leonis...............	9	44 2.84	+ 0.39	**+11.07**	332 3 54.70	46.485	+ 5.76	− 30.2	10 44 14.32	.....	+11 3 0.7	....
42	54 Leonis..............	9	50 15.07	+ 0.44	+11.09	346 17 55.58	42.028	+ 5.76	− 13.9	10 50 26.60	− 1.50	+25 15 35.7	+ 7.9
43	*d* Leonis...............	9	55 26.41	+ 0.36	**+11.06**	325 9 53.68	43.690	+ 5.76	− 39.7	10 55 37.86	.....	+ 4 7 46.0	....
44	χ Hydræ................	9	0 33.08	+ 0.22	+11.09	294 15 52.02	45.895	+ 5.76	−2 5.9	11 0 44.39	− 2.03	−26 46 51.3	+19.7
45	π Cephei s. P.	9	4 38.88	− 0.30	+11.09	66 7 58.05	42.122	+ 5.76	+2 9.0	23 4 49.67	.....	+74 51 56.6	....
46	*n* Leonis...............	9	10 40.80	+ 0.39	+11.09	334 51 55.38	42.925	+ 5.76	− 26.8	11 10 52.28	− 1.61	+13 49 43.1	+10.6
47	σ Leonis...............	9	16 1.45	+ 0.36	**+11.11**	327 33 54.55	47.105	+ 5.76	− 36.3	11 16 12.90	.....	+ 6 33 8.3	....
48	γ Crateris.............	9	19 55.72	+ 0.27	+11.09	303 51 53.28	47.152	+ 5.76	−1 25.0	11 20 7.08	− 1.96	−17 9 40.5	+17.0
49	58 Ursæ Majoris........	9	25 9.62	+ 0.52	+11.09	4 43 56.45	42.230	+ 5.76	+ 4.8	11 25 21.23	− 1.63	+43 41 59.8	+ 3.1
50	υ Leonis...............	9	31 52.38	+ 0.33	**+11.12**	320 43 52.18	45.095	+ 5.76	− 46.8	11 32 3.80	.....	− 0 17 50.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 15 20	....	....	33.3
15 43	30.01	33.7	33.0
17 16 8	29.82	40.0	39.0
16 29	29.82	40.2	38.9
17 24	29.80	39.7	38.1
17 46	....	....	37.9
18 10	29.785	39.0	37.7
18 33	29.78	38.2	36.8
0 28	29.775	53.8	54.0
18 1 46	29.75	56.8	58.1
3 0	29.725	59.0	59.2
9 9	29.70	55.2	56.1
9 30	....	....	55.0
9 55	29.705	53.5	55.0
10 24	....	....	54.6
10 47	29.72	52.6	53.8
11 9	....	....	52.5
11 30	29.72	51.3	51.3

Micrometer bisections are made at II, VI, except as noted below.

4, 17, 20, 25, 32, 33, 41.	Bisections at VI, VII.
5.	Bisections at I, II, VI.
7, 8.	Bisections at II, VII.
12, 13, 19, 21.	Bisections at III, IV, V.
23, 26.	Bisections at I, II, VI, VII.
24.	Bisections at I, II.
34, 45.	Bisections at b_2, b_5, b_8.
36.	Bisections at IV, V.
38.	Bisections at b_6, b_8, b_9.

Note.

20. Diffuse and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+ 3.4	.. ....	− 0.1	+ 3.3
24	+ 4.1	+15 57.6	...	+16 1.7
25	+ 4.0	−15 57.5	...	−15 53.5
26	+ 3.0	.. ....	+ 0.6	+ 3.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	April 18, Ei.-Y.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ρ Virginis	9	36 51.94	+ 0.36	**+11.15**	331 45 54.42	48.460	+ 5.70	− 30.8	12 37 3.44	....	+10 45 44.6	....
2	B. D. − 2°3567	9	39 6.11	+ 0.31	+11.14	318 41 55.42	46.932	+ 5.70	− 50.4	12 39 17.56	− 2.00	− 2 19 8.6	+10.8
3	B. D. − 3°3360	9	42 27.94	+ 0.30	+11.14	316 51 54.72	46.002	+ 5.70	− 53.7	12 42 39.38	− 2.03	− 4 9 34.1	+10.9
4	B. D. − 1°2731	9	45 18.86	+ 0.31	+11.14	319 43 53.55	43.935	+ 5.70	− 48.6	12 45 30.31	− 2.00	− 1 18 17.4	+10.4
5	B. D. + 2°2596	9	48 43.02	+ 0.32	+11.14	323 19 54.82	44.910	+ 5.70	− 42.7	12 48 54.48	− 1.97	+ 2 18 12.0	+ 9.9
6	δ Virginis	9	50 36.55	+ 0.33	**+11.13**	324 55 55.28	46.885	+ 5.70	− 40.2	12 50 48.02	....	+ 3 55 0.1	....
7	B. D. −12°3726	9	52 25.12	+ 0.27	+11.14	308 43 53.80	46.508	+ 5.70	−1 11.4	12 52 36.53	− 2.17	−12 17 41.1	+11.1
8	B. D. − 2°3609	9	55 29.89	+ 0.31	+11.14	318 9 55.20	46.620	+ 5.70	− 51.3	12 55 41.34	− 2.04	− 2 51 17.1	+10.1
9	B. D. − 5°3621	9	59 4.58	+ 0.30	+11.14	314 51 53.82	47.838	+ 5.70	− 57.5	12 59 16.02	− 2.09	− 6 8 56.9	+10.2
10	B. D. − 1°2772	9	1 48.46	+ 0.31	+11.14	319 37 54.52	45.608	+ 5.70	− 48.7	13 1 59.91	− 2.03	− 1 23 38.1	+ 9.7
11	θ Virginis	9	4 49.36	+ 0.30	**+11.14**	315 59 53.60	45.665	+ 5.70	− 55.4	13 5 0.80	....	− 5 1 44.7	....
12	B. D. −13°3665	9	6 8.73	+ 0.27	+11.14	307 33 53.42	47.920	+ 5.70	−1 14.4	13 6 20.14	− 2.22	−13 27 12.3	+10.3
13	B. D. − 3°3428	9	8 33.14	+ 0.30	+11.14	317 9 53.25	44.468	+ 5.70	− 53.2	13 8 44.58	− 2.07	− 3 52 10.1	+ 9.6
14	B. D. −12°3785	9	11 45.09	+ 0.27	+11.14	308 21 53.68	47.622	+ 5.70	−1 12.4	13 11 56.50	− 2.21	−12 39 16.8	+ 9.9
15	B. D. −10°3655	9	15 8.13	+ 0.28	+11.14	310 13 52.75	45.188	+ 5.70	−1 7.8	13 15 19.55	− 2.18	−10 48 8.8	+ 9.6
16	B. D. − 4°3469	9	18 11.01	+ 0.30	+11.14	316 35 54.30	46.315	+ 5.70	− 54.3	13 18 22.45	− 2.09	− 4 25 28.0	+ 9.1
17	B. D. − 6°3811 (*pr.*)	9	20 10.73	+ 0.29	+11.14	313 55 53.75	47.478	+ 5.70	− 59.6	13 20 22.16	− 2.13	− 7 5 7.3	+ 9.2
18	B. D. − 0°2694	9	24 9.81	+ 0.31	+11.14	320 9 53.35	44.388	+ 5.70	− 47.9	13 24 21.26	− 2.05	− 0 52 6.6	+ 8.6
19	B. D. −11°3535	9	27 10.07	+ 0.27	+11.14	308 51 53.92	44.925	+ 5.70	−1 11.3	13 27 21.48	− 2.22	−12 10 17.1	+ 8.9
20	B. D. − 4°3515	9	30 22.28	+ 0.30	+11.14	316 7 54.58	43.455	+ 5.70	− 55.3	13 30 33.72	− 2.11	− 4 54 34.1	+ 8.5
21	B. D. −14°3767	9	34 1.94	+ 0.26	+11.14	306 19 52.62	42.395	+ 5.70	−1 18.1	13 34 13.34	− 2.27	−14 43 23.0	+ 8.5
22	B. D. − 3°3522	9	38 22.33	+ 0.30	+11.14	317 13 54.18	46.050	+ 5.70	− 53.2	13 38 33.77	− 2.10	− 3 47 33.1	+ 8.1
23	B. D. −11°3591	9	40 40.08	+ 0.27	+11.14	309 3 53.98	48.648	+ 5.70	−1 10.8	13 40 51.49	− 2.23	−11 56 51.5	+ 8.1
24	B. D. −16°3747	9	43 29.67	+ 0.25	+11.14	304 31 52.95	45.658	+ 5.70	−1 23.4	13 43 41.06	− 2.31	−16 30 13.4	+ 7.9
25	B. D. − 9°3793	9	47 38.88	+ 0.28	+11.14	310 49 52.00	43.890	+ 5.70	−1 6.5	13 47 50.30	− 2.20	−10 12 37.9	+ 7.6
26	B. D. −11°3626	9	49 54.02	+ 0.27	+11.14	309 1 52.02	49.005	+ 5.70	−1 10.8	13 50 5.43	− 2.23	−11 58 45.3	+ 7.5
27	B. D. −15°3781	8	53 24.89	+ 0.26	+11.14	305 35 53.05	45.248	+ 5.70	−1 20.3	13 53 36.29	− 2.30	−15 26 19.3	+ 7.2
28	B. D. − 9°3832	9	56 23.17	+ 0.28	+11.14	311 33 52.98	43.602	+ 5.70	−1 4.9	13 56 34.59	− 2.19	− 9 28 41.9	+ 7.1
29	B. D. − 8°3689	8	59 7.12	+ 0.28	+11.14	312 13 52.65	45.615	+ 5.70	−1 3.4	13 59 18.54	− 2.18	− 8 47 54.4	+ 7.0
30	B. D. −12°3966 (*fol.*)	9	2 44.11	+ 0.27	+11.14	308 33 52.92	45.135	+ 5.70	−1 12.2	14 2 55.52	− 2.24	−12 28 14.2	+ 6.7
31	B. D. −14°3893	9	5 51.14	+ 0.26	+11.14	306 17 54.22	41.882	+ 5.70	−1 18.4	14 6 2.54	− 2.25	−14 45 33.5	+ 6.5
32	B. D. − 5°3837	9	9 11.93	+ 0.30	+11.14	315 29 54.38	49.792	+ 5.70	− 56.6	14 9 23.37	− 2.13	− 5 30 10.7	+ 6.5
33	B. D. −19°3846	9	11 58.56	+ 0.24	+11.14	301 31 53.12	43.595	+ 5.70	−1 33.8	14 12 9.94	− 2.38	−19 31 11.0	+ 5.8
34	B. D. −18°3789	9	13 10.54	+ 0.24	+11.14	302 45 52.78	45.522	+ 5.70	−1 29.5	14 13 21.92	− 2.35	−18 16 22.8	+ 5.7
35	B. D. −14°3944	9	18 28.24	+ 0.26	+11.14	306 31 53.52	42.270	+ 5.70	−1 17.9	14 18 39.64	− 2.28	−14 31 24.8	+ 5.6
36	B. D. −16°3867	9	21 30.84	+ 0.25	+11.14	303 49 51.75	43.078	+ 5.70	−1 26.0	14 21 42.23	− 2.33	−17 13 16.2	+ 5.2
37	B. D. −21°3917	9	25 5.02	+ 0.22	+11.14	298 59 52.78	46.902	+ 5.70	−1 43.8	14 25 16.38	− 2.43	−22 2 5.5	+ 4.6
38	B. D. − 9°3962	9	27 17.18	+ 0.28	+11.14	311 41 53.38	45.115	+ 5.70	−1 4.8	14 27 28.60	− 2.18	− 9 20 6.8	+ 5.3
39	B. D. − 9°3975	9	33 41.46	+ 0.28	+11.14	310 53 51.62	44.245	+ 5.70	−1 6.6	14 33 52.88	− 2.19	−10 8 30.3	+ 4.9
40	B. D. −13°3957	9	36 39.02	+ 0.27	+11.14	307 35 53.10	44.120	+ 5.70	−1 15.0	14 36 50.43	− 2.24	−13 26 40.0	+ 4.5
41	B. D. −18°3891	9	40 30.52	+ 0.24	+11.14	302 27 53.58	45.155	+ 5.70	−1 30.6	14 40 41.90	− 2.34	−18 34 31.5	+ 3.8
42	μ Libræ (*brighter*)	8	43 54.13	+ 0.26	+11.14	307 17 53.80	43.175	+ 5.70	−1 15.8	14 44 5.53	− 2.24	−13 45 1.5	+ 4.0
43	B. D. −14°4055	9	47 4.27	+ 0.26	+11.14	306 1 52.30	46.965	+ 5.70	−1 19.3	14 47 15.67	− 2.26	−14 59 40.1	+ 3.7
44	B. D. −19°3979	9	49 30.07	+ 0.24	+11.14	301 25 52.48	43.175	+ 5.70	−1 34.4	14 49 41.45	− 2.35	−19 37 21.6	+ 3.1
45	ξ² Libræ	9	51 24.22	+ 0.28	**+11.14**	310 1 53.10	41.920	+ 5.70	−1 8.8	14 51 35.64	....	−11 1 24.1	....
46	B. D. −19°4000	9	54 24.64	+ 0.24	+11.14	301 15 53.60	46.878	+ 5.70	−1 35.0	14 54 36.02	− 2.35	−19 45 56.5	+ 2.7
47	B. D. −17°4243	9	57 33.55	+ 0.25	+11.14	303 47 54.02	42.902	+ 5.70	−1 26.3	14 57 44.94	− 2.29	−17 15 18.2	+ 2.8
48	B. D. −13°4065	8	0 34.46	+ 0.26	+11.14	307 9 52.72	43.088	+ 5.70	−1 16.2	15 0 45.86	− 2.22	−13 53 5.1	+ 2.9
49	B. D. −11°3881	9	2 43.52	+ 0.27	+11.14	309 21 52.82	43.345	+ 5.70	−1 10.5	15 2 54.93	− 2.18	−11 40 53.5	+ 3.0
50	ι Libræ	9	6 35.78	+ 0.24	**+11.13**	301 35 52.60	47.420	+ 5.70	−1 33.8	15 6 47.16	....	−19 25 43.8	....
51	β¹ Scorpii	9	59 41.98	+ 0.25	**+11.14**	301 29 51.25	45.360	+ 5.70	−1 34.3	15 59 53.37	....	−19 32 32.8	....
52	C. P. D. −23°6332	9	2 50.44	+ 0.23	+11.14	297 35 53.20	48.160	+ 5.70	−1 50.4	16 3 1.81	− 2.24	−23 25 43.0	− 2.7
53	ν Scorpii (*mean*)	9	6 15.58	+ 0.25	**+11.15**	301 49 51.42	45.025	+ 5.70	−1 33.2	16 6 26.97	....	−19 12 39.2	....
54	C. P. D. −25°5777	9	8 55.18	+ 0.22	+11.14	295 47 52.92	47.935	+ 5.70	−1 59.3	16 9 6.54	− 2.26	−25 13 57.2	− 3.5
55	B. D. −19°4350	9	11 13.21	+ 0.25	+11.14	301 9 52.72	47.025	+ 5.70	−1 35.5	16 11 24.60	− 2.14	−19 51 54.5	− 2.5
56	B. D. −18°4266	9	14 46.24	+ 0.26	+11.14	302 33 53.30	47.815	+ 5.70	−1 30.5	16 14 57.64	− 2.10	−18 27 30.9	− 2.4
57	C. P. D. −26°5634	9	18 26.90	+ 0.21	+11.14	294 7 52.98	44.065	+ 5.70	−2 8.8	16 18 38.25	− 2.26	−26 55 35.2	− 4.5
58	B. D. −15°4324	9	22 37.81	+ 0.27	+11.14	305 1 52.98	46.738	+ 5.70	−1 22.5	16 22 49.22	− 2.03	−15 59 47.8	− 2.3
59	C. P. D. −26°5659	9	25 20.02	+ 0.22	+11.14	294 43 52.75	43.725	+ 5.70	−2 5.3	16 25 31.38	− 2.21	−26 19 39.6	− 4.8
60	B. D. −15°4340	9	28 25.11	+ 0.27	+11.14	305 41 53.28	47.460	+ 5.70	−1 20.5	16 28 36.52	− 2.00	−15 19 29.0	− 2.5
61	B. D. −16°4317	9	31 56.84	+ 0.26	+11.14	304 21 52.80	48.180	+ 5.70	−1 24.6	16 32 8.24	− 2.01	−16 39 17.1	− 3.0
62	B. D. −15°4369	9	35 25.79	+ 0.27	+11.14	305 51 53.40	45.785	+ 5.70	−1 20.1	16 35 37.20	− 1.97	−15 10 6.8	− 2.8
63	C. P. D. −26°5712	9	37 46.52	+ 0.22	+11.14	294 25 52.12	44.418	+ 5.70	−2 7.1	16 37 57.88	− 2.16	−26 37 26.3	− 5.7

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
18 12 37	29.715	50.0	50.2	2, 10, 27, 29, 42. Bisections at VI, VII.					
13 1	......	....	50.7	7, 30, 38, 48, 50, 54. Bisections at II, VII.					
13 28	29.71	48.9	49.2	33. Bisections at I, II.					
13 52	......	....	48.6						
14 15	29.70	47.4	47.0						
14 57	......	....	46.2						
15 8	29.69	46.4	45.4						
15 57	29.675	45.5	44.8	Note.					
16 20	......	....	44.3	1–9. Unsteady.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D. −28°5423	9	43 4.12	+ 0.20	+11.14	292 5 52.65	46.028	+ 5.70	−2 21.9	16 43 15.46	− 2.19	−28 57 4.0	− 6.6
2	C. P D. −26°5738	9	44 5.27	+ 0.22	+11.14	294 27 52.50	47.140	+ 5.70	−2 6.8	16 44 16.63	− 2.13	−26 34 23.4	− 6.1
3	C. P. D. −25°5882	9	48 17.72	+ 0.22	+11.14	295 21 52.38	47.552	+ 5.70	−2 1.8	16 48 29.08	− 2.09	−25 40 9.0	− 6.1
4	24 Ophiuchi	9	50 51.24	+ 0.23	+11.14	298 1 52.82	47.910	+ 5.70	−1 48.6	16 51 2.61	− 2.03	−22 59 47.3	− 5.6
5	C. P. D. −24°5784	9	54 7.29	+ 0.22	+11.14	296 11 52.65	46.505	+ 5.70	−1 57.5	16 54 18.65	− 2.04	−24 50 28.4	− 6.2
6	B. D. −22°4269	9	57 24.38	+ 0.23	+11.14	298 1 53.10	45.420	+ 5.70	−1 48.7	16 57 35.75	− 2.00	−23 0 44.0	− 5.9
7	B. D. −21°4512	9	0 18.42	+ 0.24	+11.14	299 35 51.72	47.655	+ 5.70	−1 41.9	17 0 29.80	− 1.95	−21 25 47.4	− 5.7
8	C. P. D. −29°4601	9	5 42.28	+ 0.20	+11.14	291 41 52.25	46.040	+ 5.70	−2 24.9	17 5 53.62	− 2.07	−29 21 6.8	− 8.1
9	C. P. D. −26°5854	9	8 6.09	+ 0.21	+11.14	294 9 51.40	48.088	+ 5.70	−2 8.6	17 8 17.44	− 2.01	−26 52 4.6	− 7.6
10	B. D. −17°4759	9	10 59.17	+ 0.26	+11.14	303 13 53.00	45.612	+ 5.70	−1 28.5	17 11 10.57	− 1.85	−17 48 19.5	− 5.2
11	B. D. −22°4318	9	12 57.66	+ 0.23	+11.14	298 25 52.75	46.728	+ 5.70	−1 46.9	17 13 9.03	− 1.91	−22 36 12.5	− 6.6
12	θ Ophiuchi	9	15 57.37	+ 0.22	+11.14	296 7 52.48	47.510	+ 5.70	−1 57.8	17 16 8.73	.....	−24 54 5.9	....
13	B. D. −21°4597	9	18 47.96	+ 0.24	+11.14	299 41 53.10	44.380	+ 5.70	−1 41.6	17 18 59.34	− 1.86	−21 21 0.7	− 6.6
14	C. P. D. −28°5659	9	22 12.64	+ 0.20	+11.14	292 3 52.15	47.440	+ 5.70	−2 22.3	17 22 23.98	− 1.97	−28 58 32.3	− 8.9
15	C. P. D. −28°5694	8	25 44.19	+ 0.21	+11.14	292 59 52.40	46.985	+ 5.70	−2 16.0	17 25 55.54	− 1.93	−28 2 35.9	− 8.8
16	B. D. −20°4823	9	31 38.05	+ 0.24	+11.14	300 23 52.85	47.770	+ 5.70	−1 38.8	17 31 49.43	− 1.78	−20 37 40.6	− 7.0
17	B. D. −17°4871	9	33 20.49	+ 0.26	+11.14	303 37 53.25	48.110	+ 5.70	−1 27.2	17 33 31.89	− 1.73	−17 23 20.9	− 6.1
18	B. D. −21°4712	9	37 30.99	+ 0.24	+11.14	299 23 52.88	46.942	+ 5.70	−1 42.8	17 37 42.37	− 1.76	−21 38 3.5	− 7.6
19	B. D. −20°4874	9	41 37.98	+ 0.24	+11.14	300 13 53.42	47.102	+ 5.70	−1 39.5	17 41 49.36	− 1.72	−20 47 56.0	− 7.5
20	C. P. D. −24°5966	9	43 55.51	+ 0.23	+11.14	296 51 52.80	46.560	+ 5.70	−1 54.4	17 44 6.88	− 1.75	−24 10 23.8	− 8.6
21	C. P. D. −24°6017	9	48 49.84	+ 0.22	+11.14	296 9 50.98	47.952	+ 5.70	−1 57.8	17 49 1.20	− 1.73	−24 51 57.0	− 9.0
22	B. D. −20°4922	8	51 21.96	+ 0.25	+11.14	300 51 51.98	44.373	+ 5.70	−1 37.1	17 51 33.35	− 1.66	−20 10 57.3	− 7.7
23	ν Ophiuchi	9	53 34.59	+ 0.29	**+11.16**	311 15 52.75	46.440	+ 5.70	−1 6.3	17 53 46.02	.....	− 9 45 38.7	....
24	B. D. −22°4503	9	55 55.75	+ 0.23	+11.14	298 15 54.18	45.930	+ 5.70	−1 47.9	17 56 7.12	− 1.66	−22 46 30.7	− 8.7
25	C. P. D. −26°6182	9	57 15.54	+ 0.22	+11.14	294 43 52.45	45.370	+ 5.70	−2 5.7	17 57 26.90	− 1.70	−26 19 2.8	− 9.8
26	B. D. −18°4789	9	0 53.73	+ 0.25	+11.14	302 1 51.98	48.142	+ 5.70	−1 32.8	18 1 5.12	− 1.59	−18 59 27.0	− 7.7
27	B. D. −20°5003	9	2 49.79	+ 0.25	+11.14	300 55 52.30	47.122	+ 5.70	−1 36.9	18 3 1.18	− 1.59	−20 5 54.1	− 8.1
28	C. P. D. −23°6929	9	5 42.11	+ 0.23	+11.14	297 19 51.88	44.695	+ 5.70	−1 52.2	18 5 53.48	− 1.67	−23 43 5.3	− 9.4
	April 19, Br.												
29	Sun I, N	9	47 19.24	+ 0.43	+11.00	332 29 53.88	42.750	+ 5.91	− 29.3	1 47 30.67	+65.22	+11 27 35.3	....
30	Sun II, S	9	49 29.68	+ 0.43	+11.00	331 57 54.38	43.065	+ 5.91	− 30.0	1 49 41.11	−65.22	+10 55 42.2	....
31	83 B. Leonis	9	51 10.65	+ 0.32	+10.98	330 25 55.08	41.585	+ 5.94	− 33.7	9 51 21.95	− 1.30	+ 9 23 5.5	+13.3
32	16 Cephei s. P.	9	57 41.79	− 0.08	+10.98	68 15 57.92	43.193	+ 6.00	+2 28.6	21 57 52.69	+ 0.10	+72 43 12.4	+ 9.4
33	α Leonis	9	3 5.65	+ 0.33	**+11.05**	333 27 54.52	43.868	+ 6.04	− 29.6	10 3 16.96	.....	+12 26 1.3	....
34	24 Cephei s. P.	9	7 46.74	− 0.05	+10.98	69 5 58.38	46.203	+ 6.08	+2 35.3	22 7 57.67	.....	+71 51 56.4	....
35	γ Leonis (*pr.*)	9	14 30.87	+ 0.36	**+11.05**	341 19 54.18	47.360	+ 6.13	− 20.0	10 14 42.21	.....	+20 19 30.4	....
36	30 H. Camelopardalis	7	19 16.73	+ 1.34	+10.98	44 3 58.30	42.358	+ 6.17	+ 57.7	10 19 29.05	− 3.26	+83 2 57.9	− 6.6
37	29 Sextantis	9	24 26.39	+ 0.29	+10.98	318 47 53.98	41.928	+ 6.21	− 52.1	10 24 37.66	.....	− 2 15 5.6	....
38	44 Hydræ	9	29 17.46	+ 0.20	+10.98	297 47 53.05	43.914	+ 6.26	−1 52.3	10 29 28.64	− 1.78	−23 15 21.5	+20.8
39	37 Leonis Minoris	9	33 9.19	+ 0.40	+10.98	353 29 55.22	43.892	+ 6.29	− 6.7	10 33 20.57	.....	+32 28 25.6	....
40	34 Sextantis	9	37 30.36	+ 0.31	**+10.97**	325 5 53.70	46.670	+ 6.32	− 41.4	10 37 41.65	.....	+ 4 4 53.0	....
41	*l* Leonis	9	44 2.91	+ 0.34	**+11.04**	332 3 53.50	46.628	+ 6.37	− 31.5	10 44 14.23	.....	+11 3 1.8	....
42	54 Leonis	9	50 15.19	+ 0.38	+10.99	346 17 55.65	42.040	+ 6.42	− 14.5	10 50 26.56	− 1.49	+25 15 36.1	+ 7.8
3	36 H. Cephei s. P.	6	54 58.83	− 0.66	+10.99	57 9 57.32	44.102	+ 6.46	+1 32.5	22 55 9.16	+ 2.70	+83 49 47.9	+ 7.5
44	χ Hydræ	9	0 33.11	+ 0.20	+10.99	294 15 51.60	46.140	+ 6.51	−2 11.4	11 0 44.30	− 2.02	−26 46 50.8	+19.8
45	π Cephei s. P.	6	4 38.92	− 0.05	+10.99	66 7 57.82	41.812	+ 6.55	+2 14.5	23 4 49.86	.....	+74 51 57.7	....
46	*n* Leonis	9	10 40.88	+ 0.35	+10.99	334 51 53.65	43.022	+ 6.60	− 28.0	11 10 52.22	− 1.61	+13 49 43.3	+10.6
47	σ Leonis	9	16 1.53	+ 0.33	**+11.06**	327 33 53.18	47.235	+ 6.65	− 37.9	11 16 12.85	.....	+ 6 33 9.0	....
48	γ Crateris	9	19 55.78	+ 0.25	+10.99	303 51 52.70	47.350	+ 6.67	−1 28.6	11 20 7.02	− 1.95	−17 9 39.2	+17.1
49	58 Ursæ Majoris	9	25 9.81	+ 0.44	+10.99	4 43 54.32	42.265	+ 6.71	+ 5.0	11 25 21.24	− 1.61	+43 41 59.7	+ 2.9
50	υ Leonis	9	31 52.51	+ 0.31	**+11.00**	320 43 52.62	45.098	+ 6.77	− 48.8	11 32 3.81	.....	− 0 17 50.7	....
51	3 Draconis	8	36 58.03	+ 0.61	+10.99	28 17 57.55	42.608	+ 6.80	+ 32.3	11 37 9.63	.....	+67 16 38.1	....
52	β Leonis	9	44 0.14	+ 0.36	**+11.06**	336 7 53.30	44.705	+ 6.87	− 26.4	11 44 11.49	.....	+15 6 23.2	....
53	π Virginis	9	55 47.72	+ 0.34	**+10.97**	328 9 52.45	46.305	+ 6.96	− 37.1	11 55 59.05	.....	+ 7 8 48.4	....
54	10 Virginis	9	4 36.69	+ 0.33	+10.99	323 27 55.75	44.465	+ 7.04	− 44.3	12 4 48.01	− 1.86	+ 2 26 2.5	+11.6
55	1 Canum Venaticorum	9	9 48.39	+ 0.49	+10.99	14 59 56.70	42.028	+ 7.08	+ 16.1	12 9 59.87	− 1.83	+53 58 8.2	+ 1.2
56	12 Comæ Berenices	9	17 31.17	+ 0.39	+10.99	347 23 52.32	44.812	+ 7.14	− 13.3	12 17 42.55	.....	+26 22 38.0	....
57	14 Comæ Berenices	9	21 26.48	+ 0.40	+10.99	348 49 53.75	42.798	+ 7.18	− 11.8	12 21 37.87	− 1.75	+27 47 55.0	+ 6.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 16 46	29.66	44.6	43.8
17 2	....	....	43.2
17 28	29.65	44.4	42.9
17 59	....	....	42.0
18 17	29.63	43.0	41.4
19 1 49	29.59	58.0	57.5
9 50	29.75	36.9	35.0
10 12	29.75	36.0	34.2
10 42	..	....	33.9
11 30	29.765	33.0	32.2
11 46	.	....	32.1

Micrometer bisections are made at II, VI, except as noted below.

1, 24, 29, 47.	Bisections at I, II.
3, 11, 20, 22, 44.	Bisections at II, VI, VII.
7.	Bisections at II, VII.
14, 38.	Bisections at I, II, VI, VII.
15, 21, 30, 37, 50.	Bisections at VI, VII.
32, 34.	Bisections at III, IV, V.
36.	Bisections at IV, V.
43.	Bisections at b$_3$, b$_7$.
45.	Bisections at III, IV.
49, 51, 55.	Bisections at III, V.

Notes.

4–17.	Images poor.
20, 21.	Clouds.
31–39.	High wind.
44.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
29	+ 4.0	−15 56.5	...	−15 52.5
30	+ 4.1	+15 56.5	...	+16 0.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Corvi	9	24 44.66	+ 0.28	**+11.01**	305 3 50.65	43.522	+ 7.20	−1 25.1	12 24 55.93	.....	−15 59 4.7	....
2	23 Comæ Berenices	9	29 54.53	+ 0.39	+10.99	344 11 54.78	41.530	+ 7.24	− 16.9	12 30 5.91	.....	+23 9 22.0	....
3	ρ Virginis	9	36 52.12	+ 0.36	**+10.97**	331 47 51.28	43.318	+ 7.30	− 32.1	12 37 3 47	.....	+10 45 44.2	....
4	35 Virginis	9	42 48.74	+ 0.34	**+10.98**	325 7 51.90	43.522	+ 7.35	− 41.7	12 43 0.07	.....	+ 4 5 39.7	....
5	31 Comæ Berenices	9	46 51.83	+ 0.40	**+10.98**	349 3 54.00	47.485	+ 7.38	− 11.5	12 47 3.22	.....	+28 3 42.8	....
6	δ Virginis	9	50 36.64	+ 0.34	**+11.03**	324 55 52.60	47.040	+ 7.41	− 42.0	12 50 47.97	.....	+ 3 55 0.9	....
	April 19, M.												
7	ε Coronæ Borealis	9	53 27.07	+ 0.44	**+11.01**	348 11 55.08	41.078	+ 7.18	− 12.5	15 53 38.59	.....	+27 9 16.3	....
8	151 H¹. Cephei s. P.	9	5 59.28	− 0.74	+11.08	55 41 56.32	43.378	+ 7.18	+1 28.1	4 6 9.62	.....	+85 18 8.9	....
9	34 Herculis	9	27 18.01	+ 0.53	+11.08	10 11 55.78	42.190	+ 7.18	+ 10.9	16 27 29.62	− 1.76	+49 10 5.7	+ 6.6
10	ζ Ophiuchi	9	31 42.90	+ 0.35	**+11.01**	310 39 49.78	44.770	+ 7.18	−1 9.8	16 31 54.33	.....	−10 22 21.8	....
11	114 B. Draconis	9	43 18.66	+ 0.59	+11.08	17 57 57.10	44.430	+ 7.18	+ 19.6	16 43 30.33	.....	+56 57 6.9	....
12	49 Herculis	9	47 32.78	+ 0.43	+11.08	336 9 51.80	43.878	+ 7.18	− 26.5	16 47 44.29	.....	+15 8 3.0	....
13	κ Ophiuchi	9	52 57.68	+ 0.42	**+11.03**	330 31 53.18	47.760	+ 7.18	− 33.9	16 53 9.18	.....	+ 9 31 25.8	....
14	*d* Herculis	9	57 53.79	+ 0.49	+11.08	354 43 54.48	43.558	+ 7.18	− 5.5	16 58 5.36	.....	+33 42 19.4	....
15	*A* Ophiuchi (*south*)	5	9 17.29	+ 0.30	+11.08	294 35 51.90	44.055	+ 7.18	−2 10.6	17 9 28.67	.....	−26 27 37.0	....
16	*A* Ophiuchi (*north*)	5	9 17.29	+ 0.30	+11.08	294 35 51.90	44.270	+ 7.18	−2 10.6	17 9 28.67	.....	−26 27 31.6	....
17	θ Ophiuchi	9	15 57.37	+ 0.30	+11.08	296 7 51.58	47.680	+ 7.18	−2 2.0	17 16 8.75	.....	−24 54 5.7	....
18	σ Ophiuchi	9	21 35.22	+ 0.41	**+11.07**	325 13 52.42	48.092	+ 7.18	− 41.7	17 21 46.71	.....	+ 4 13 24.8	....
19	ξ Serpentis	9	31 55.71	+ 0.35	**+11.01**	305 41 51.52	45.685	+ 7.18	−1 23.6	17 32 7.14	.....	−15 20 12.7	....
20	ι Herculis	9	36 35.21	+ 0.55	+11.08	7 3 54.82	45.588	+ 7.18	+ 7.6	17 36 46.84	.....	+46 3 19.1	....
21	μ Herculis	9	42 31.98	+ 0.49	**+11.06**	348 47 55.62	44.325	+ 7.18	− 11.9	17 42 43.55	.....	+27 46 31.6	....
22	*z* Herculis	9	47 22.43	+ 0.57	+11.08	9 25 54.98	44.918	+ 7.18	+ 10.1	17 47 34.08	− 1.48	+48 25 6.4	+ 7.7
23	ξ Draconis	9	51 42.04	+ 0.63	+11.08	17 53 55.50	44.600	+ 7.18	+ 19.6	17 51 53.75	.....	+56 53 9.1	....
24	δ Ursæ Minoris	9	3 7.39	+ 2.47	+11.08	47 35 55.65	46.688	+ 7.18	+1 6.3	18 3 20.94	.....	+86 36 43.5	....
25	δ Sagittarii	9	14 41.19	+ 0.30	+11.08	291 11 50.10	44.290	+ 7.18	−2 34.4	18 14 52.57	.....	−29 51 57.2	....
26	109 Herculis	9	19 26.26	+ 0.49	**+11.00**	342 41 53.80	52.500	+ 7.18	− 18.7	18 19 37.83	.....	+21 43 29.9	....
27	*c* Serpentis	9	24 31.09	+ 0.41	+11.08	318 59 54.22	42.648	+ 7.18	− 52.5	18 24 42.58	− 1.36	− 2 2 48.6	− 3.1
28	Venus I, C	7	36 7.88	+ 0.43	+11.08	323 13 54.52	47.195	+ 6.48	− 44.0	0 36 19.39	+ 0.36	+ 2 13 3.4	....
29	Venus II	7	36 8.63	+ 0.43	+11.08	... .	......	....	. ....	0 36 20.14	− 0.39	.. ..	....
	April 20, M.												
30	Sun I, N	9	51 2.43	+ 0.47	+11.08	332 49 53.25	44.403	+ 6.43	− 29.9	1 51 13.98	+65.21	+11 48 12.4	....
31	Sun II, S	9	53 12.85	+ 0.47	+11.08	332 17 53.95	44.710	+ 6.43	− 30.6	1 53 24.40	−65.21	+11 16 19.3	....
32	Mercury C, C	9	7 43.79	+ 0.48	+11.08	341 25 58.42	42.869	+ 5.87	− 19.4	3 7 55.35	+ 0.12	+20 23 52.4	....
33	Moon I	9	0 49.23	+ 0.48	+11.08	338 56	......	....	. ....	6 1 0.79	+69.35	.. ..	....
	April 20, Ei.-Y.												
34	ζ Leonis	9	11 10.93	+ 0.44	**+11.17**	344 53 57.50	47.410	+ 5.36	− 15.8	10 11 22.50	.....	+23 53 38.3	....
35	B. D.+18°2345	9	13 34.37	+ 0.42	+11.13	339 11 56.40	46.295	+ 5.36	− 22.3	10 13 45.92	− 1.36	+18 11 5.3	+10.2
36	42 Leonis	9	16 30.46	+ 0.41	+11.13	336 29 55.25	42.122	+ 5.36	− 25.6	10 16 42.00	− 1.38	+15 27 25.5	+11.0
37	B. D.+13°2252	9	19 41.59	+ 0.41	+11.13	334 13 54.45	46.040	+ 5.36	− 28.4	10 19 53.13	− 1.40	+13 12 51.4	+11.6
38	B. D.+15°2205	9	23 6.64	+ 0.41	+11.13	336 15 55.75	44.918	+ 5.36	− 25.9	10 23 18.18	− 1.41	+15 14 29.5	+11.0
39	B. D.+ 2°2325	9	25 23.43	+ 0.37	+11.13	323 39 55.75	45.348	+ 5.36	− 43.3	10 25 34.93	− 1.49	+ 2 38 22.0	+14.6
40	ρ Leonis	9	27 35.39	+ 0.39	**+11.15**	330 47 55.52	48.815	+ 5.36	− 32.8	10 27 46.91	.....	+ 9 47 51.5	....
41	B. D.+ 4°2351	8	29 9.78	+ 0.38	+11.13	325 37 55.42	44.855	+ 5.36	− 40.2	10 29 21.29	− 1.49	+ 4 36 13.5	+14.0
42	B. D.+ 6°2326	9	33 17.64	+ 0.38	+11.13	327 25 54.65	45.722	+ 5.36	− 37.6	10 33 29.15	− 1.50	+ 6 24 35.1	+13.4
43	B. D.+ 7°2345	9	36 27.94	+ 0.38	+11.13	328 33 55.38	44.170	+ 5.36	− 36.0	10 36 39.45	− 1.50	+ 7 32 2.0	+13.0
44	37 Sextantis	9	40 55.82	+ 0.38	+11.13	327 53 54.58	45.630	+ 5.36	− 36.9	10 41 7.33	.....	+ 6 52 33.4	....
45	B. D.+ 7°2358	9	42 9.64	+ 0.38	+11.13	327 51 55.42	46.705	+ 5.36	− 37.0	10 42 21.15	− 1.53	+ 6 50 59.0	+13.0
46	B. D.+12°2266	9	45 55.72	+ 0.40	+11.13	333 5 55.52	46.782	+ 5.36	− 29.9	10 46 7.25	− 1.51	+12 5 7.9	+11.5
47	B. D.+ 3°2429	9	48 44.98	+ 0.37	+11.13	324 11 55.05	44.250	+ 5.36	− 42.5	10 48 56.48	− 1.58	+ 3 9 57.0	+13.9
48	B. D.− 0°2392	9	51 36.34	+ 0.35	+11.13	320 21 54.08	45.812	+ 5.36	− 48.8	10 51 47.82	− 1.63	− 0 39 34.6	+14.8
49	*d* Leonis	9	55 26.28	+ 0.37	**+11.16**	325 9 54.95	43.722	+ 5.36	− 41.0	10 55 37.78	.....	+ 4 7 46.3	....
50	χ Leonis	9	59 54.02	+ 0.39	**+11.15**	328 51 55.82	47.015	+ 5.36	− 35.6	11 0 5.54	.....	+ 7 51 7.9	....
51	B. D.− 1°2488	9	3 12.98	+ 0.35	+11.13	319 37 54.70	46.810	+ 5.36	− 50.1	11 3 24.46	− 1.68	− 1 23 12.4	+14.6
52	B. D.+ 8°2476	9	8 52.67	+ 0.39	+11.13	329 35 56.08	46.620	+ 5.36	− 34.6	11 9 4.19	− 1.62	+ 8 35 0.1	+11.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 12 51	29.76	32.2	31.1
15 53	29.74	31.6	29.8
16 20	......	....	29.5
16 56	29.74	30.5	29.2
17 25	......	....	28.0
17 59	......	....	27.1
18 27	29.74	28.6	27.0
0 36	29.73	38.8	38.0
20 1 53	29.705	42.3	42.6
3 8	29.69	45.8	45.5
6 1	29.70	46.9	46.3
10 9	29.81	40.8	40.1
10 31	.....	....	39.8
10 53	29.825	39.8	39.2

Micrometer bisections are made at II, VI, except as noted below.

4, 15, 44.	Bisections at I, II.
8, 24.	Bisections at b_1, b_2, b_5, b_8, b_9.
16, 19, 31.	Bisections at VI, VII.
25.	Bisection at II.
28, 32.	Bisections at I, II, VI, VII.
30.	Bisections at I. II. III.
37, 39, 43, 52.	Bisections at II, VII.

Notes.

7–9. High wind.
7. Circle reading increased 2′.
25. Very poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
28	+ 3.3	.. ....	− 0.1	+ 3.2
30	+ 4.0	−15 56.6	...	−15 52.6
31	+ 4.0	+15 56.5	...	+16 0.5
32	+ 3.1	.. ....	+ 0.7	+ 3.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*n* Leonis	8	10 40.67	+ 0.41	+11.13	334 51 55.65	42.995	+ 5.36	− 27.7	11 10 52.21	− 1.60	+13 49 43.7	+10.5
2	B. D.+ 4°2449	9	14 38.09	+ 0.37	+11.13	325 9 54.35	45.962	+ 5.36	− 41.0	11 14 49.59	− 1.68	+ 4 8 36.9	+12.9
3	B. D.+ 0°2782	9	18 13.22	+ 0.36	+11.13	321 41 55.02	42.812	+ 5.36	− 46.6	11 18 24.71	− 1.72	+ 0 39 20.0	+13.6
4	B. D.+12°2335	9	19 50.36	+ 0.40	+11.13	332 59 54.45	42.020	+ 5.36	− 30.1	11 20 1.89	− 1.64	+11 57 17.8	+10.8
5	B. D.+ 1°2566	9	22 28.77	+ 0.36	+11.13	322 31 55.10	41.940	+ 5.36	− 45.2	11 22 40.26	− 1.73	+ 1 29 1.3	+13.2
6	B. D.+10°2291	9	23 52.03	+ 0.40	+11.13	331 35 54.62	43.360	+ 5.36	− 31.9	11 24 3.56	− 1.66	+10 33 46.8	+11.1
7	B. D.+ 5°2511	9	32 3.54	+ 0.38	+11.13	326 31 53.88	42.922	+ 5.36	− 39.0	11 32 15.05	− 1.73	+ 5 29 29.0	+12.0
8	B. D.+ 4°2510	9	35 24.27	+ 0.37	+11.13	325 11 55.22	47.270	+ 5.36	− 41.0	11 35 35.77	− 1.75	+ 4 11 7.7	+12.2
9	B. D.+ 9°2545	9	40 10.41	+ 0.39	+11.13	329 49 55.35	42.278	+ 5.36	− 34.3	11 40 21.93	− 1.73	+ 8 47 20.4	+11.0
10	B. D.+ 0°2843	9	43 57.91	+ 0.36	+11.13	321 13 54.30	46.428	+ 5.36	− 47.4	11 44 9.40	− 1.82	+ 0 12 41.1	+12.8
11	B. D.− 5°3377	9	47 54.71	+ 0.34	+11.13	315 19 55.20	43.952	+ 5.36	− 58.3	11 48 6.18	− 1.90	− 5 42 25.4	+13.7
12	B. D.+ 4°2544	9	50 2.47	+ 0.37	+11.13	324 45 54.85	46.990	+ 5.36	− 41.7	11 50 13.97	− 1.80	+ 3 45 0.2	+11.8
13	B. D.− 5°3396	8	53 56.78	+ 0.34	+11.13	314 53 53.60	46.775	+ 5.36	− 59.2	11 54 8.25	− 1.92	− 6 7 23.4	+13.5
14	B. D.− 3°3224	9	56 21.83	+ 0.34	+11.13	317 21 54.45	44.858	+ 5.36	− 54.4	11 56 33.30	− 1.90	− 3 40 1.3	+13.0
15	B. D.− 5°3416	9	0 30.49	+ 0.34	+11.13	315 43 55.45	42.700	+ 5.36	− 57.6	12 0 41.96	− 1.93	− 5 18 53.1	+13.1
16	B. D.− 0°2540	9	4 44.11	+ 0.36	+11.13	320 33 53.90	43.630	+ 5.36	− 48.6	12 4 55.60	− 1.89	− 0 28 24.4	+12.1
17	B. D.+ 1°2667	9	8 0.86	+ 0.36	+11.13	321 47 55.38	45.210	+ 5.36	− 46.5	12 8 12.35	− 1.89	+ 0 46 15.3	+11.7
18	B. D.− 6°3538	9	11 16.26	+ 0.33	+11.13	314 1 54.15	44.990	+ 5.36	−1 1.1	12 11 27.72	− 1.99	− 7 0 5.8	+12.8
19	B. D.− 3°3263	9	13 4.49	+ 0.34	+11.13	317 35 54.45	47.170	+ 5.36	− 53.9	12 13 15.96	− 1.95	− 3 25 8.2	+12.2
20	*η* Virginis	9	14 50.11	+ 0.36	**+11.14**	320 53 52.75	44.250	+ 5.36	− 48.0	12 15 1.60	....	− 0 8 10.8	....
21	B. D.− 6°3557	9	18 3.84	+ 0.33	+11.13	314 15 54.88	44.660	+ 5.36	−1 0.6	12 18 15.30	− 2.01	− 6 46 11.9	+12.5
22	B. D.+ 0°2944	9	21 41.57	+ 0.36	+11.13	321 21 54.72	46.485	+ 5.36	− 47.2	12 21 53.06	− 1.93	+ 0 20 43.1	+11.2
23	B. D.− 5°3513	9	24 56.57	+ 0.34	+11.13	315 31 55.20	46.008	+ 5.36	− 58.0	12 25 8.04	− 2.01	− 5 29 38.4	+11.9
24	B. D.− 3°3309	9	25 45.14	+ 0.34	+11.13	317 29 55.85	44.830	+ 5.36	− 54.2	12 25 56.61	− 1.98	− 3 32 0.6	+11.6
25	B. D.+ 0°2952	9	27 54.83	+ 0.36	+11.13	321 17 55.78	42.252	+ 5.36	− 47.4	12 28 6.32	− 1.94	+ 0 15 7.2	+11.0
26	B. D.− 1°2699	9	32 0.58	+ 0.35	+11.13	319 13 55.18	45.948	+ 5.36	− 51.0	12 32 12.06	− 1.98	− 1 47 32.5	+11.1
27	B. D.− 5°3542	9	34 24.04	+ 0.34	+11.13	315 27 54.82	43.645	+ 5.36	− 58.2	12 34 35.51	− 2.03	− 5 34 32.7	+11.5
28	*ρ* Virginis	9	36 51.92	+ 0.40	**+11.13**	331 45 54.10	48.535	+ 5.36	− 31.7	12 37 3.45	....	+10 45 44.8	....
29	*ζ* Virginis	.	.. ..	....	.....	320 55 55.82	43.418	+ 5.36	− 48.1	13 29	....	− 0 6 26.8	....
30	B. D.− 5°3737	9	32 28.58	+ 0.35	+11.13	314 51 55.40	45.325	+ 5.36	− 59.5	13 32 40.06	− 2.14	− 6 9 55.0	+ 8.5
31	B. D.− 9°3737	9	34 21.04	+ 0.34	+11.13	311 23 52.70	46.248	+ 5.36	−1 7.1	13 34 32.51	− 2.20	− 9 37 44.2	+ 8.5
32	*m* Virginis	9	36 25.07	+ 0.34	**+11.09**	312 47 55.00	47.308	+ 5.36	−1 3.9	13 36 36.54	....	− 8 13 14.5	....
33	B. D.−10°3743	9	39 0.18	+ 0.33	+11.13	310 3 52.02	47.405	+ 5.36	−1 10.3	13 39 11.64	− 2.22	−10 57 21.7	+ 8.3
34	B. D.−17°3932	9	42 2.84	+ 0.30	+11.13	303 39 52.52	44.185	+ 5.36	−1 28.8	13 42 14.27	− 2.34	−17 22 53.3	+ 8.2
35	89 Virginis	9	44 30.14	+ 0.30	**+11.12**	303 23 53.62	42.590	+ 5.36	−1 29.8	13 44 41.57	....	−17 39 29.6	....
36	B. D.−15°3756	9	47 52.23	+ 0.31	+11.13	305 31 53.58	42.150	+ 5.36	−1 22.9	13 48 3.67	− 2.31	−15 31 32.8	+ 7.8
37	B. D.− 9°3804	8	50 38.56	+ 0.34	+11.13	311 43 52.65	47.560	+ 5.36	−1 6.4	13 50 50.03	− 2.20	− 9 17 13.5	+ 7.5
38	B. D.− 6°3911	9	53 48.04	+ 0.35	+11.13	314 33 54.28	46.565	+ 5.36	−1 0.1	13 53 59.52	− 2.16	− 6 27 28.4	+ 7.3
39	B. D.− 5°3798	9	57 47.39	+ 0.35	+11.13	314 57 54.98	47.805	+ 5.36	− 59.3	13 57 58.87	− 2.15	− 6 2 58.6	+ 7.1
40	B. D.− 6°3930	9	0 0.48	+ 0.35	+11.13	314 11 54.25	47.598	+ 5.36	−1 0.9	14 0 11.96	− 2.17	− 6 49 5.6	+ 7.0
41	B. D.−17°4013	9	3 25.39	+ 0.30	+11.13	303 45 54.20	43.995	+ 5.36	−1 28.5	14 3 36.82	− 2.35	−17 16 55.6	+ 6.7
42	*κ* Virginis	9	7 37.17	+ 0.34	**+11.13**	311 11 52.30	46.322	+ 5.36	−1 7.7	14 7 48.64	....	− 9 49 43.5	....
43	B. D.−15°3837	9	10 26.24	+ 0.31	+11.13	305 23 53.08	45.785	+ 5.36	−1 23.3	14 10 37.68	− 2.32	−15 38 10.6	+ 6.2
44	*λ* Virginis	9	13 45.65	+ 0.32	**+11.11**	308 5 54.55	46.235	+ 5.36	−1 15.5	14 13 57.10	....	−12 55 51.1	....
45	B. D.− 7°3834 (*mean*)	9	17 24.49	+ 0.34	+11.13	313 41 54.45	45.970	+ 5.36	−1 2.0	14 17 35.96	− 2.17	− 7 19 43.7	+ 6.0
46	B. D.−11°3736	9	19 21.91	+ 0.33	+11.13	309 47 53.72	45.352	+ 5.36	−1 11.1	14 19 33.37	− 2.24	−11 14 7.7	+ 5.8
47	B. D.−12°4055	9	22 23.73	+ 0.32	+11.13	308 5 54.08	46.528	+ 5.36	−1 15.6	14 22 35.18	− 2.27	−12 55 44.9	+ 5.5
48	B. D.−11°3753	9	25 58.53	+ 0.33	+11.13	309 35 52.82	43.882	+ 5.36	−1 11.7	14 26 9.99	− 2.24	−11 26 42.8	+ 5.4
49	B. D.−19°3903	9	29 17.42	+ 0.29	+11.13	301 1 54.10	43.795	+ 5.36	−1 38.4	14 29 28.84	− 2.40	−20 1 10.2	+ 4.6
50	B. D.−15°3922	9	34 40.88	+ 0.31	+11.13	305 15 53.48	42.865	+ 5.36	−1 23.8	14 34 52.32	− 2.31	−15 47 17.5	+ 4.6
51	B. D.−20°4074	8	36 59.14	+ 0.28	+11.13	300 15 52.42	44.155	+ 5.36	−1 41.5	14 37 10.55	− 2.42	−20 47 6.7	+ 4.0
52	Piazzi 166	8	40 35.00	+ 0.28	+11.13	300 15 52.38	46.560	+ 5.36	−1 41.4	14 40 46.41	− 2.41	−20 46 11.7	+ 3.8
53	8 Libræ	7	45 13.34	+ 0.31	**+11.17**	305 25 54.00	46.332	+ 5.36	−1 23.3	14 45 24.78	....	−15 35 57.2	....
54	B. D.−22°3858	9	47 36.74	+ 0.27	+11.13	297 57 52.40	46.118	+ 5.36	−1 51.4	14 47 48.14	− 2.46	−23 4 31.8	+ 3.0
55	B. D.−18°3933	9	50 45.11	+ 0.29	+11.13	302 29 52.38	45.595	+ 5.36	−1 33.0	14 50 56.53	− 2.35	−18 32 25.4	+ 3.2
56	B. D.−21°4004	9	53 0.95	+ 0.28	+11.13	299 1 52.88	44.738	+ 5.36	−1 46.6	14 53 12.36	− 2.43	−22 0 58.0	+ 2.7
57	C. P. D.−24°5421	9	55 23.68	+ 0.26	+11.13	296 15 55.08	47.468	+ 5.36	−1 59.8	14 55 35.07	− 2.49	−24 46 6.7	+ 2.3
58	B. D.−22°3897	9	59 34.30	+ 0.27	+11.13	298 23 52.65	46.375	+ 5.36	−1 49.4	14 59 45.70	− 2.43	−22 38 23.7	+ 2.2
59	B. D.−15°4028	9	1 18.27	+ 0.31	+11.13	304 55 53.82	44.180	+ 5.36	−1 24.9	15 1 29.71	− 2.29	−16 6 48.2	+ 2.7
60	B. D.−12°4214	9	5 47.88	+ 0.32	+11.13	308 19 53.48	47.195	+ 5.36	−1 15.0	15 5 59.33	− 2.19	−12 41 29.7	+ 2.8
61	C. P. D.−24°5475	9	7 43.01	+ 0.26	+11.13	296 5 52.80	45.620	+ 5.36	−2 0.7	15 7 54.40	− 2.47	−24 56 52.0	+ 1.2
62	B. D.−15°4071	8	11 30.80	+ 0.31	+11.13	305 49 53.10	42.355	+ 5.36	−1 22.2	15 11 42.24	− 2.26	−15 13 27.6	+ 2.2

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
20 11 16	......	....	38.9	4, 25, 32, 40, 61. Bisections at II, VII.					
11 45	29.825	38.9	38.5	5, 18, 23 Bisections at I, II.					
12 10	......	....	38.1	14, 62. Bisections at VI, VII.					
12 38	29.845	38.0	38.0	37. Bisections at II, VI, VII.					
13 27	29.85	37.6	37.5						
13 46	......	....	37.0	Notes.					
14 5	29.865	37.1	37.0	15. One microscope reading decreased 10″.					
14 31	......	....	36.6	59. Image rather poor.					
14 57	29.87	36.6	36.2						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−17°4312	9	15 17.85	+ 0.30	+11.13	303 13 52.65	44.925	+ 5.36	−1 30.5	15 15 29.28	− 2.30	−17 48 37.9	+ 1.6
2	B. D.−13°4152	9	18 35.84	+ 0.32	+11.13	307 3 53.40	45.670	+ 5.36	−1 18.6	15 18 47.29	− 2.22	−13 58 8.2	+ 1.9
3	B. D.−19°4106	9	21 10.07	+ 0.29	+11.13	301 21 51.85	46.540	+ 5.36	−1 37.2	15 21 21.49	− 2.32	−19 40 8.5	+ 1.0
4	B. D.−17°4356	9	26 20.63	+ 0.30	+11.13	302 51 52.42	47.785	+ 5.36	−1 31.8	15 26 32.06	− 2.28	−18 9 34.0	+ 0.8
5	B. D.−12°4278	9	27 47.73	+ 0.32	+11.13	308 21 54.32	42.315	+ 5.36	−1 15.1	15 27 59.18	− 2.18	−12 41 20.5	+ 1.5
6	B. D.−19°4165	9	32 45.23	+ 0.29	+11.13	301 25 52.30	47.562	+ 5.36	−1 37.0	15 32 56.65	− 2.30	−19 35 44.5	+ 0.2
7	C. P. D.−25°5630	9	34 44.36	+ 0.26	+11.13	295 45 52.52	45.835	+ 5.36	−2 2.6	15 34 55.75	− 2.42	−25 16 49.3	− 0.8
8	B. D.−14°4266	9	37 52.57	+ 0.31	+11.13	306 17 54.28	45.725	+ 5.36	−1 20.8	15 38 4.01	− 2.19	−14 44 8.5	+ 0.6
9	α Serpentis	9	39 22.74	+ 0.40	**+11.13**	327 43 55.35	48.350	+ 5.36	− 37.5	15 39 34.27	.....	+ 6 43 36.0	....
10	β Serpentis	9	41 35.69	+ 0.43	**+11.18**	336 43 53.38	47.055	+ 5.36	− 25.6	15 41 47.25	.....	+15 43 16.3	....
	April 20, R.												
11	114 B. Draconis	9	43 18.61	+ 0.66	+11.08	17 57 58.50	44.455	+ 5.96	+ 19.4	16 43 30.35	.....	+56 57 7.4	....
12	49 Herculis	6	47 32.71	+ 0.46	+11.08	336 9 54.68	43.808	+ 5.96	− 26.3	16 47 44.25	.....	+15 8 3.6	....
13	κ Ophiuchi	9	52 57.64	+ 0.44	**+11 07**	330 31 55.48	47.660	+ 5.96	− 33.6	16 53 9.16	.....	+ 9 31 24.8	....
14	60 Herculis	9	0 45.71	+ 0.45	+11.08	333 53 54.95	44.618	+ 5.96	− 29.2	17 0 57.24	− 1.66	+12 52 19.2	+ 2.2
15	η Ophiuchi	9	4 42.81	+ 0.34	**+11 04**	305 25 54.88	45.345	+ 5.96	−1 23.6	17 4 54.23	.....	−15 36 18.3	....
16	δ Herculis	9	10 55.31	+ 0.49	**+11.09**	345 57 57.85	45.835	+ 5.96	− 14.9	17 11 6.88	.....	+24 57 4.4	....
17	σ Ophiuchi	9	21 35.24	+ 0.42	**+11.07**	325 13 54.90	48.035	+ 5.96	− 41.4	17 21 46.74	.....	+ 4 13 25.1	....
18	74 B. Camelopardalis s. p.	7	26 40.93	− 0.05	+11.08	65 59 58.45	44.615	+ 5.96	+2 14.0	5 26 51.96	.....	+74 58 54.0	....
19	ι Herculis	9	36 35.20	+ 0.58	+11.08	7 3 56.52	45.642	+ 5.96	+ 7.5	17 36 46.86	.....	+46 3 20.7	....
20	μ Herculis	9	42 31.98	+ 0.50	**+11.08**	348 47 56.88	44.362	+ 5.96	− 11.8	17 42 43.56	.....	+27 46 32.6	....
21	ξ Draconis	9	51 42.03	+ 0.66	+11.08	17 53 58.52	44.538	+ 5.96	+ 19.4	17 51 53.77	.....	+56 53 9.5	....
22	τ Ophiuchi (*fol.*)	9	57 41.48	+ 0.37	+11.08	312 51 55.25	43.332	+ 5.96	−1 4.3	17 57 52.93	− 1.56	− 8 10 45.0	− 4.4
23	41 Draconis	9	7 10.46	+ 1.24	+11.08	40 59 57.90	43.790	+ 5.96	+ 52.1	18 7 22.78	− 2.77	+79 59 24.5	+ 8.2
24	109 Herculis	9	19 26.23	+ 0.48	**+11.06**	342 43 55.75	47.218	+ 5.96	− 18.5	18 19 37.79	.....	+21 43 30.2	....
25	c Serpentis	9	24 31.12	+ 0.40	+11.08	318 59 55.78	42.638	+ 5.96	− 52.0	18 24 42.60	− 1.38	− 2 2 48.0	− 3.2
26	Venus I, C	9	40 38.87	+ 0.45	+11.09	323 43 55.22	44.141	+ 5.96	− 43.0	0 40 50.41	+ 0.33	+ 2 41 54.8	....
27	Venus II	9	40 39.57	+ 0.45	+11.09	... .	......	....	. ....	0 40 51.11	− 0.37	.. ..	....
	April 21, R.												
28	Sun I, N	9	54 46.43	+ 0.49	+11.09	333 9 55.45	45.548	+ 6.07	− 29.4	1 54 58.01	+65.31	+12 8 40.9	....
29	Sun II, S	9	56 57.04	+ 0.49	+11.09	332 37 55.15	46.005	+ 6.07	− 30.1	1 57 8.62	−65.30	+11 36 50.2	....
30	Moon I, N	9	0 29.37	+ 0.48	+11.10	338 37 56.22	46.197	+ 5.73	− 22.4	7 0 40.95	+69.75	+17 37 3.1	....
	April 21, Ei.-Y.												
31	B. D.+17°2231	9	23 22.48	+ 0.38	+11.16	338 37 56.60	46.792	+ 5.31	− 22.7	10 23 34.02	− 1.38	+17 37 16.4	+10.2
32	B. D.+13°2271	9	27 0.83	+ 0.36	+11.16	334 25 55.65	45.290	+ 5.31	− 27.7	10 27 12.35	− 1.42	+13 24 36.3	+11.4
33	B. D.+11°2252	9	31 27.71	+ 0.36	+11.16	332 33 55.60	41.515	+ 5.31	− 30.1	10 31 39.23	− 1.45	+11 31 7.4	+11.9
34	B. D.+11°2269	9	37 3.59	+ 0.36	+11.16	331 53 55.22	42.052	+ 5.31	− 31.0	10 37 15.11	− 1.47	+10 51 18.1	+12.0
35	41 Leonis Minoris	9	38 1.71	+ 0.40	**+11.23**	344 41 57.72	46.655	+ 5.31	− 15.8	10 38 13.27	.....	+23 41 21.2	....
36	B. D.+10°2200	9	41 4.03	+ 0.35	+11.16	331 1 59.68	47.008	+ 5.31	− 32.1	10 41 15.54	− 1.50	+10 1 15.0	+12.1
37	B. D.+ 8°2418	9	43 32.97	+ 0.34	+11.16	329 45 56.20	42.630	+ 5.31	− 33.9	10 43 44.47	− 1.51	+ 8 43 29.7	+12.4
38	B. D.+ 9°2418	9	46 7.54	+ 0.35	+11.16	330 41 57.02	42.192	+ 5.31	− 32.6	10 46 19.05	− 1.52	+ 9 39 21.8	+12.1
39	B. D.+ 1°2501	7	50 36.28	+ 0.32	+11.16	322 15 54.82	46.375	+ 5.31	− 44.9	10 50 47.76	− 1.60	+ 1 14 43.2	+14.3
40	B. D.+10°2230	9	54 22.15	+ 0.35	+11 16	331 27 54.38	45.360	+ 5.31	− 31.6	10 54 33.66	− 1.55	+10 26 32.5	+11.7
41	d Leonis	9	55 26.36	+ 0.33	**+11.11**	325 9 54.72	43.688	+ 5.31	− 40.4	10 55 37.85	.....	+ 4 7 45.9	....
42	B. D.+ 1°2511	9	57 17.79	+ 0.32	+11.16	322 23 55.18	43.488	+ 5.31	− 44.8	10 57 29.27	− 1.62	+ 1 21 37.4	+14.1
43	B. D.+12°2300	9	0 29.10	+ 0.36	+11 16	333 37 55.68	44.522	+ 5.31	− 28.8	11 0 40.62	− 1.56	+12 36 17.5	+11.0
44	B. D.− 4°3162	9	50 22.21	+ 0.30	+11.16	316 25 53.80	44.450	+ 5.31	− 55.4	11 50 33.67	− 1.89	− 4 36 12.6	+13.4
45	B. D.+ 2°2499	9	54 19.32	+ 0.32	+11.16	323 23 55.98	43.198	+ 5.31	− 43.2	11 54 30.80	− 1.82	+ 2 21 33.2	+11.9
46	B. D.− 1°2632	9	6 17.09	+ 0.30	+11.16	318 51 55.78	44.800	+ 5.31	− 50.8	12 6 28.55	− 1.91	− 2 9 58.0	+12.3
47	B. D.− 0°2554	9	9 55.55	+ 0.31	+11.16	320 13 54.15	45.278	+ 5.31	− 48.4	12 10 7.02	− 1.90	− 0 47 46.3	+11.9
48	B. D.− 8°3323	9	14 14.23	+ 0.28	+11.16	312 37 53.70	47.808	+ 5.31	−1 3.2	12 14 25.67	− 2.01	− 8 23 3.7	+12.9
49	B. D.+ 0°2932	9	16 33.42	+ 0.31	+11.16	321 23 54.92	45.415	+ 5.31	− 46.5	12 16 44.89	− 1.91	+ 0 22 19.5	+11.4
50	B. D − 4°3268	9	18 9.65	+ 0.30	+11.16	316 35 54 95	43.172	+ 5.31	− 55.1	12 18 21.11	− 1.97	− 4 26 40.4	+12.1
51	B. D.− 0°2570	9	20 13.53	+ 0.31	+11.16	320 29 53 55	43.420	+ 5.31	− 48.0	12 20 25.00	− 1.93	− 0 32 29.0	+11.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 15 19	......	....	35.9
15 43	29.875	36.1	35.7
16 40	29.88	35.7	35.0
17 14	......	....	34.8
17 33	29.895	35.5	34.5
18 12	......	....	34.2
18 28	29.92	35.0	34.3
0 42	30.15	46.2	45.9
21 1 57	30.05	48.8	49.0
7 3	30.05	54.6	56.1
10 21	30.08	49.1	51.0
10 34	......	....	51.0
11 1	30.09	48.6	50.2
11 49	......	....	49.8
12 7	30.10	47.4	49.7

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at II, VII.
8, 28. 34.	Bisections at I, II.
12, 15, 16, 21, 29, 32, 39.	Bisections at VI, VII.
17. 24.	Bisections at II, VI, VII.
18	Bisections at III. V.
23.	Bisections at IV, V.
26.	Bisections at I, II, VI, VII.
30.	Bisections at II, III, IV, V. VI.

Notes.

15. Very diffuse.

16–25. Conditions very poor.

32. Circle reading decreased 12′.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
26	+ 3.3	.. ....	− 0.1	+ 3.2
28	+ 3.9	−15 55.3	...	−15 51.4
29	+ 4.0	+15 55.3	...	+15 59.3
30	+21 1.3	−15 57.1	...	+ 5 4.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 5°2631........	9	23 15.16	+ 0.33	+11.16	325 57 55.25	42.995	+ 5.31	− 39.4	12 23 26.65	− 1.88	+ 4 55 31.6	+10.4
2	B. D.+ 2°2552........	9	26 10.61	+ 0.32	+11.16	322 53 54.18	42.645	+ 5.31	− 44.1	12 26 22.09	− 1.92	+ 1 51 17.8	+10.8
3	B. D.− 6°3598........	9	30 38.36	+ 0.29	+11.16	314 5 54.25	47.068	+ 5.31	−1 0.1	12 30 49.81	− 2.04	− 6 55 17.0	+11.9
4	B. D.− 3°3329........	9	33 37.68	+ 0.30	+11.16	317 11 54.92	42.468	+ 5.31	− 54.0	12 33 49.14	− 2.01	− 3 50 55.4	+11.3
5	B. D.− 2°3552........	9	34 48.29	+ 0.30	+11.16	318 29 55.68	43.492	+ 5.31	− 51.6	12 34 59.75	− 1.99	− 2 32 28.8	+11.1
6	B. D.− 6°3626........	9	36 50.27	+ 0.29	+11.16	314 3 53.82	43.820	+ 5.31	−1 0.3	12 37 1.72	− 2.06	− 6 58 31.9	+11.6
7	B. D.−10°3546........	9	39 55.41	+ 0.27	+11.16	310 33 52.45	43.868	+ 5.31	−1 8.2	12 40 6.84	− 2.12	−10 28 40.0	+11.8
8	B. D.− 6°3644........	9	41 51.68	+ 0.29	+11.16	313 45 54.12	43.608	+ 5.31	−1 1.1	12 42 3.13	− 2.07	− 7 16 37.2	+11.4
9	B. D.− 2°3580........	9	44 4.37	+ 0.30	+11.16	317 51 55.48	42.932	+ 5.31	− 53.0	12 44 15.83	− 2.02	− 3 10 43.2	+10.7
10	B. D.− 0°2622........	9	47 7.32	+ 0.31	+11.16	320 35 53.78	48.390	+ 5.31	− 48.1	12 47 18.79	− 1.99	− 0 24 35.2	+10.3
11	δ Virginis................	9	50 36.52	+ 0.33	**+11.16**	324 55 56.05	46.892	+ 5.31	− 41.2	12 50 48.01	....	+ 3 54 59.6	....
12	B. D.− 8°3456........	9	52 9.91	+ 0.28	+11.16	312 37 53.65	46.278	+ 5.31	−1 3.7	12 52 21.35	− 2.11	− 8 23 39.3	+10.9
13	B. D.− 3°3384........	9	54 33.36	+ 0.30	+11.16	317 43 55.35	45.382	+ 5.31	− 53.4	12 54 44.82	− 2.04	− 3 17 47.6	+10.2
14	ε Virginis................	9	57 14.31	+ 0.36	**+11.14**	332 29 54.55	44.875	+ 5.31	− 30.6	12 57 25.83	....	+11 28 22.6	....
15	89 Virginis................	9	44 30.08	+ 0.26	**+11.22**	303 21 55.12	47.758	+ 5.55	−1 29.2	13 44 41.50	....	−17 39 29.1	....
16	τ Virginis................	9	56 36.13	+ 0.32	**+11.23**	323 1 54.78	45.610	+ 5.55	− 44.2	13 56 47.61	....	+ 2 0 26.3	....
17	B. D.−10°3810........	9	58 10.57	+ 0.29	+11.16	310 31 53.02	44.442	+ 5.55	−1 8.6	13 58 22.02	− 2.23	−10 30 26.5	+ 7.2
18	94 Virginis................	9	1 3.40	+ 0.30	+11.16	312 35 53.38	45.055	+ 5.55	−1 3.8	14 1 14.86	....	− 8 26 7.3	....
19	B. D.−18°3757........	9	3 33.15	+ 0.25	+11.16	302 15 53.48	42.865	+ 5.55	−1 32.8	14 3 44.56	− 2.39	−18 47 26.2	+ 6.7
20	B. D.−13°3845........	9	7 49.03	+ 0.28	+11.16	307 37 53.65	44.170	+ 5.55	−1 16.0	14 8 0.47	− 2.28	−13 24 39.5	+ 6.5
21	ι Virginis................	9	10 49.47	+ 0.31	**+11.14**	315 29 53.88	43.350	+ 5.55	− 57.6	14 11 0.94	....	− 5 32 39.6	....
22	B. D.− 7°3813........	9	12 44.57	+ 0.30	+11.16	313 29 53.88	46.795	+ 5.55	−1 1.7	14 12 56.03	− 2.19	− 7 31 25.0	+ 6.3
23	B. D.− 9°3915........	9	16 15.67	+ 0.29	+11.16	311 5 53.25	45.575	+ 5.55	−1 7.2	14 16 27.12	− 2.22	− 9 55 59.0	+ 6.1
24	B. D.−15°3862........	9	18 32.64	+ 0.27	+11.16	305 21 53.02	46.135	+ 5.55	−1 22.4	14 18 44.07	− 2.33	−15 40 1.6	+ 5.7
25	B. D.− 8°3781........	9	22 54.41	+ 0.30	+11.16	312 41 53.92	46.172	+ 5.55	−1 3.5	14 23 5.87	− 2.20	− 8 19 41.0	+ 5.7
26	B. D.−12°4074........	9	26 24.96	+ 0.28	+11.16	308 15 53.95	45.560	+ 5.55	−1 14.2	14 26 36.40	− 2.27	−12 46 5.6	+ 5.4
27	B. D.−21°3933........	9	30 31.84	+ 0.24	+11.16	299 17 53.78	43.028	+ 5.55	−1 44.2	14 30 43.24	− 2.46	−21 45 33.5	+ 4.6
28	B. D.−13°3944........	8	35 7.82	+ 0.28	+11.16	307 23 53.80	45.602	+ 5.55	−1 16.6	14 35 19.26	− 2.28	−13 38 7.2	+ 4.7
29	B. D.− 9°3984........	9	38 7.57	+ 0.30	+11.16	311 45 52.88	41.458	+ 5.55	−1 5.7	14 38 19.03	− 2.21	− 9 17 31.9	+ 4.8
30	B. D.−20°4093........	9	41 37.08	+ 0.24	+11.16	300 7 53.40	43.342	+ 5.55	−1 40.9	14 41 48.48	− 2.43	−20 55 23.5	+ 3.8
31	α Libræ................	9	45 24.85	+ 0.27	**+11.15**	305 23 53.05	44.510	+ 5.55	−1 22.6	14 45 36.28	....	−15 38 38.9	....
32	B. D.−21°3985........	6	47 40.04	+ 0.24	+11.16	299 49 52.42	45.110	+ 5.55	−1 42.2	14 47 51.44	− 2.43	−21 12 45 4	+ 3.3
33	B. D.−16°3970........	9	50 49.38	+ 0.26	+11.16	304 37 53.95	44.312	+ 5 55	−1 25.1	14 51 0.80	− 2.32	−16 24 45.0	+ 3.5
34	C. P. D.−23°6029......	9	53 2.58	+ 0.23	+11.16	297 33 52.60	47.622	+ 5.55	−1 52.3	14 53 13.97	− 2.48	−23 27 57.9	+ 2.7
35	B. D.−21°4015........	9	56 49.63	+ 0.23	+11.16	299 23 52.65	46.718	+ 5.55	−1 44.2	14 57 1.02	− 2.43	−21 38 10.4	+ 2.6
36	B. D.−19°4019........	9	0 10.66	+ 0.24	+11.16	300 59 52.50	45.395	+ 5.55	−1 37.8	15 0 22.06	− 2.39	−20 2 34.3	+ 2.5
37	C. P. D.−23°6073......	9	1 31.23	+ 0.22	+11.16	297 11 52.70	49.095	+ 5.55	−1 54.1	15 1 42.61	− 2.47	−23 49 26.0	+ 2.0
38	B. D.−20°4164........	9	5 52.67	+ 0.24	+11.16	300 5 54.85	44.770	+ 5.55	−1 41.5	15 6 4.07	− 2.40	−20 56 50.0	+ 2.0
39	B D.−22°3916........	9	8 1.19	+ 0.23	+11 16	297 51 53.58	45.140	+ 5.55	−1 51.2	15 8 12.58	− 2.45	−23 10 52.6	+ 1.6
40	B. D −16°4049........	8	12 5.76	+ 0.26	+11.16	304 11 53 80	44.690	+ 5.55	−1 26.7	15 12 17.18	− 2.30	−16 50 38.1	+ 2.0
41	B. D.−15°4083........	9	15 30.06	+ 0.27	+11.16	305 49 54.18	45.650	+ 5.55	−1 21.6	15 15 41.49	− 2.26	−15 12 10.7	+ 2.0
42	C. P. D.−25°5616......	9	18 48.42	+ 0.22	+11.16	295 41 52.32	49.030	+ 5.55	−2 2.0	15 18 59.80	− 2.48	−25 19 35.7	+ 0.5
43	B. D.−14°4208........	9	22 11.22	+ 0.27	+11.16	306 25 53.45	42.940	+ 5.55	−1 19.9	15 22 22.65	− 2.24	−14 37 11.7	+ 1.6
44	B. D.−21°4135........	9	26 25.72	+ 0.24	+11.16	299 23 52.85	46.180	+ 5.55	−1 44.5	15 26 37.12	− 2.37	−21 38 22.8	+ 0.4
45	γ Libræ................	9	30 0.07	+ 0.27	**+11.18**	306 33 53.68	45.548	+ 5.55	−1 19.6	15 30 11.50	....	−14 28 11.5	....
46	B. D.−14°4250........	9	32 58.59	+ 0.27	+11.16	306 49 53.35	45.980	+ 5.55	−1 18.8	15 33 10.02	− 2.21	−14 12 1.2	+ 1.0
47	B. D.−16°4135........	9	35 5.35	+ 0.26	+11.16	304 35 53.70	44.568	+ 5.55	−1 25.5	15 35 16.77	− 2.25	−16 26 39.8	+ 0.6
48	B. D.−16°4151........	9	38 21.21	+ 0.26	+11.16	304 27 54.48	46.550	+ 5.55	−1 26.0	15 38 32.63	− 2.24	−16 33 54.3	+ 0.3
49	C. P. D.−26°5507......	9	41 22.14	+ 0.21	+11.16	294 15 53.10	44.810	+ 5.55	−2 10.5	15 41 33.51	− 2.46	−26 47 19.8	− 1.5
50	C. P. D.−25°5667......	9	45 3.18	+ 0.22	+11.16	295 33 53.15	49.148	+ 5.55	−2 2.9	15 45 14.56	− 2.41	−25 27 33.1	− 1.6
51	C. P. D.−23°6277......	9	48 3.91	+ 0.23	+11.16	297 19 51.68	48.938	+ 5.55	−1 54.0	15 48 15.30	− 2.36	−23 41 30.5	− 1.5
52	B. D.−17°4450........	9	50 10.33	+ 0.26	+11.16	303 17 53.48	44.055	+ 5.55	−1 30.0	15 50 21.75	− 2.23	−17 44 56.3	− 0.6
53	B. D.−13°4302........	9	52 39.42	+ 0.28	+11.16	307 1 53.02	45.655	+ 5.55	−1 18.4	15 52 50.86	− 2.16	−14 0 8.6	− 0.2
54	B. D.−18°4213........	9	55 17.41	+ 0.25	+11.16	302 19 51.82	48.108	+ 5.55	−1 33.3	15 55 28.82	− 2.24	−18 41 28.6	− 1.1
55	β Scorpii................	9	59 42.04	+ 0.25	**+11.14**	301 29 51.50	45.425	+ 5.55	−1 36.4	15 59 53.45	....	−19 32 33.3	....
56	B. D.−13°4342........	9	1 32.82	+ 0.28	+11.16	307 13 52.78	43.980	+ 5.55	−1 17.9	16 1 44.26	− 2.13	−13 48 46.6	− 0.7
57	B. D.−17°4502........	9	4 14.18	+ 0.25	+11.16	302 55 53.98	48.848	+ 5.55	−1 31.2	16 4 25.59	− 2.20	−18 5 7.4	− 1.6
58	B. D.−14°4370........	9	7 36.21	+ 0.27	+11.16	306 9 52.98	45.575	+ 5.55	−1 20.9	16 7 47.64	− 2.13	−14 52 12.9	− 1.2
59	δ Ophiuchi................	9	9 9.29	+ 0.32	**+11.21**	317 33 53.82	47.990	+ 5.55	− 54.1	16 9 20.77	....	− 3 26 50.1	....
60	ε Ophiuchi................	9	13 4.93	+ 0.31	**+11.20**	316 33 54.45	46.255	+ 5.55	− 56.1	16 13 16.40	....	− 4 27 31.2	....
	April 21, Br.												
61	θ Ophiuchi................	9	15 57.54	+ 0.23	+11.03	296 7 53.90	47.542	+ 5.90	−2 0.6	17 16 8.80	....	−24 54 6.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
21 12 31	......	....	49.1						
12 58	30.115	45.4	44.8	7, 19, 27, 36. Bisections at II, VII.					
13 42	30.13	44.5	44.4	10, 13, 15, 61. Bisections at II, VI, VII.					
14 5	......	....	46.4						
14 32	30.13	45.0	46.8						
14 58	......	....	44.2	Notes.					
15 24	30.13	43.9	43.0	10, 12, 13, 19–21, 34–41. Images poor.					
15 47	......	....	42.1	36. Revolution of micrometer reading assumed.					
16 14	30.13	43.2	41.5	43. Micrometer reading decreased 1 rev.					
17 15	30.14	41.0	40.0	61. Slightly diffuse and unsteady.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	σ Ophiuchi	9	21 35.32	+ 0.37	**+11.06**	325 13 54.65	48.070	+ 5.90	− 41.2	17 21 46.72	.....	+ 4 13 25.7	....
2	74 B. Camelopardalis s. p.	9	26 41.34	− 0.21	+11.03	65 59 58.20	44.673	+ 5.90	+2 13.6	5 26 52.16	.....	+74 58 53.4	....
3	ξ Serpentis	9	31 55.88	+ 0.29	**+10.96**	305 41 54.28	45.608	+ 5.90	−1 22 6	17 32 7.20	.....	−15 20 12.2	....
4	ι Herculis	9	36 35.31	+ 0.56	+11.03	7 4	......	....	. ....	17 36 46.90	.....	+46 3	....
5	μ Herculis	9	42 32.12	+ 0.46	**+11.00**	348 47 57.12	44.382	+ 5.90	− 11.7	17 42 43 61	.....	+27 46 33.4	....
6	z Herculis	8	47 22.59	+ 0.57	+11.03	9 25 57.62	44.878	+ 5.90	+ 10.0	17 47 34.19	− 1.54	+48 25 6.9	+ 7.3
7	ξ Draconis	7	51 42.11	+ 0.65	+11.03	17 53 58.48	44.540	+ 5.90	+ 19.3	17 51 53.79	.....	+56 53 9.4	....
8	γ Sagittarii	9	59 29.12	+ 0.22	+11.03	290 37 52.65	45 946	+ 5.90	−2 36.7	17 59 40.37	.....	−30 25 20.1	....
9	o Herculis	4	3 37.76	+ 0 47	**+11.06**	349 45 55.88	45.272	+ 5.90	− 10 7	18 3 49.26	.....	+28 44 53.7	....
10	22 H. Camelopardalis s. p.	9	8 5.03	− 0.02	+11.03	71 37 59.28	41.630	+ 5 90	+2 58.5	6 8 16.04	.....	+69 21 17.0	....
11	δ Sagittarii	9	14 41.48	+ 0.23	+11.03	291 11 54.78	44.018	+ 5 90	−2 32.5	18 14 52.74	.....	−29 51 57.9	....
12	109 Herculis	9	19 26.33	+ 0.45	**+11.02**	342 43 55.25	47.292	+ 5.90	− 18.5	18 19 37.81	.....	+21 43 31.2	....
13	2 H. Scuti	7	23 33.74	+ 0.31	+11.03	306 23 53.20	47.408	+ 5.90	−1 20.7	18 23 45.08	.....	−14 37 30.0	....
14	3 H. Scuti	9	29 49.12	+ 0.34	**+10.96**	312 43 54.18	43.830	+ 5.90	−1 4.5	18 30 0.49	.....	− 8 18 34.9	....
15	4 H. Scuti	9	36 51.15	+ 0.34	**+11.00**	311 53 52.78	43.980	+ 5.90	−1 6.4	18 37 2.52	.....	− 9 8 34.7	....
16	Venus I, C	4	45 10.03	+ 0.39	+11.01	324 11 54.15	46.349	+ 6.20	− 42.1	0 45 21.45	+ 0.31	+ 3 10 45.3	....
17	Venus II	5	45 10.71	+ 0.39	+11.01	... .	......	....	. ....	0 45 22.11	− 0.35	.. ..	....
	April 22, Br.												
18	Sun I, S	9	58 30.83	+ 0.43	+11.01	332 57 54.75	46.532	+ 6.10	− 29.6	1 58 42.27	+65.43	+11 57 2.5	....
19	Sun II, N	9	0 41.69	+ 0.43	+11.01	333 29 53.25	46.332	+ 6.10	− 28.9	2 0 53.13	−65.43	+12 28 57.1	....
20	Moon I, N	9	0 22.13	+ 0.38	+11.02	336 55 54.48	42.993	+ 6.65	− 24.6	8 0 33.53	+69.68	+15 53 46.9	....
21	83 B. Leonis	9	51 10.58	+ 0.37	+10.98	330 25 53.72	41.602	+ 6.02	− 33.1	9 51 21.93	− 1.26	+ 9 23 5.2	+13.2
22	16 Cephei s. p.	9	57 42.35	− 0.29	+10.98	68 15 58.52	43.338	+ 6.02	+2 26.0	21 57 53.04	− 0.09	+72 43 11.1	+ 9.6
23	α Leonis	9	3 5.61	+ 0.38	**+11.00**	333 27 54.52	43.825	+ 6.02	− 29.1	10 3 16.97	.....	+12 26 0.8	....
24	24 Cephei s. p.	9	7 47.13	− 0.27	+10.98	69 5 57.80	46.455	+ 6.02	+2 32.5	22 7 57.84	.....	+71 51 54.0	....
25	γ Leonis (*pr.*)	9	14 30.83	+ 0.41	**+11.00**	341 19 54.45	47.305	+ 6.02	− 19.7	10 14 42.22	.....	+20 19 29.6	....
26	30 H. Camelopardalis	7	19 15.86	+ 1.97	+10.98	44 3 59.18	42.450	+ 6.02	+ 56.6	10 19 28.81	− 2.87	+83 2 59.7	− 7.1
27	29 Sextantis	9	24 26.42	+ 0.32	+10.99	318 47 55.15	41.840	+ 6.02	− 51.1	10 24 37.73	.....	− 2 15 5.9	....
28	44 Hydræ	9	29 17.42	+ 0.22	+10.99	297 47 52.18	43.848	+ 6.02	−1 50.3	10 29 28.63	− 1.74	−23 15 22.1	+21.1
29	37 Leonis Minoris	9	33 9.15	+ 0.47	+10.99	353 29 55.28	43.908	+ 6.02	− 6.6	10 33 20.61	.....	+32 28 25.9	....
30	34 Sextantis	9	37 30.21	+ 0.35	**+11.05**	325 5 53.92	46.645	+ 6.02	− 40.7	10 37 41.55	.....	+ 4 4 53.1	....
31	l Leonis	9	44 2.87	+ 0.38	**+11.01**	332 3 53.20	46.625	+ 6.02	− 30.9	10 44 14.24	.....	+11 3 1.7	....
32	54 Leonis	9	50 15.04	+ 0.43	+10.99	346 17 55.62	42.062	+ 6.02	− 14.2	10 50 26.46	− 1.45	+25 15 36.5	+ 7.5
33	36 H. Cephei s. p.	4	54 59.57	− 1.46	+10.99	57 9 58.40	44.180	+ 6.02	+1 30.8	22 55 9.10	+ 2.26	+83 49 47.1	+ 8.0
34	χ Hydræ	9	0 33.10	+ 0.20	+10.99	294 15 51.98	46.001	+ 6.02	−2 8.9	11 0 44.29	− 1.99	−26 46 51.7	+20.2
35	π Cephei s. p.	8	4 39.31	− 0.39	+10.99	66 7 58.30	42.018	+ 6.02	+2 12.0	23 4 49.91	.....	+74 51 55.6	....
36	n Leonis	9	10 40.85	+ 0.39	+10.99	334 51 53.88	43.042	+ 6.02	− 27.4	11 10 52.23	− 1.58	+13 49 44.0	+10.4
37	σ Leonis	9	16 1.53	+ 0.36	**+11.00**	327 33 53.88	47.195	+ 6.02	− 37.2	11 16 12.88	.....	+ 6 33 9.3	....
38	γ Crateris	9	19 55.79	+ 0.26	+10.99	303 51 53.40	47.238	+ 6.02	−1 27.0	11 20 7.04	− 1.92	−17 9 40.1	+17.4
39	58 Ursæ Majoris	9	25 9.74	+ 0.53	+10.99	4 43 55.58	42.265	+ 6.02	+ 4.9	11 25 21.26	− 1.57	+43 42 0.2	+ 2.4
40	υ Leonis	9	31 52.44	+ 0.33	**+11.03**	320 43 52.25	45.135	+ 6.02	− 47.9	11 32 3.76	.....	− 0 17 50.3	....
41	3 Draconis	9	36 57.74	+ 0.82	+10.99	28 17 58.92	42.675	+ 6.02	+ 31.7	11 37 9.55	.....	+67 16 39.7	....
42	β Leonis	9	44 0.15	+ 0.39	**+11.00**	336 7 54.68	44.678	+ 6.02	− 25.9	11 44 11.53	.....	+15 6 23.6	....
43	π Virginis	9	55 47.64	+ 0.36	**+11.01**	328 9 53.60	46.300	+ 6.02	− 36.4	11 55 58.99	.....	+ 7 8 49.2	....
44	10 Virginis	9	4 36.66	+ 0.34	+10.99	323 27 54.45	44.540	+ 6.02	− 43.4	12 4 47.99	− 1.85	+ 2 26 2.8	+11.5
45	1 Canum Venaticorum	9	9 48.18	+ 0.62	+10.99	14 59 57.75	42.082	+ 6.02	+ 15.8	12 9 59.79	− 1.80	+53 58 9.1	+ 0.6
46	η Virginis	9	14 50.22	+ 0.33	**+11.05**	320 53 52.25	44.200	+ 6.02	− 47.7	12 15 1.54	.....	− 0 8 11.5	....
	April 22, M.												
47	ε Coronæ Borealis	9	53 27.07	+ 0.45	**+11.05**	348 9 57.05	46.275	+ 6.34	− 12.4	15 53 38.60	.....	+27 9 16.3	....
48	151 H¹. Cephei s. p.	9	5 59.50	− 1.80	+11.08	55 41 59.52	43.401	+ 6.34	+1 27.1	4 6 8.78	.....	+85 18 7.0	....
49	τ Herculis	8	16 41.54	+ 0.56	+11.08	7 33 58.82	43.155	+ 6.34	+ 8.0	16 16 53.18	.....	+46 32 27.1	....
50	α Scorpii	9	23 22.23	+ 0.23	+11.08	294 49 52.18	45.318	+ 6.34	−2 7.4	16 23 33.54	.....	−26 13 5.3	....
51	34 Herculis	9	27 18.01	+ 0.58	+11.08	10 11 59.35	42.172	+ 6.34	+ 10.7	16 27 29.67	− 1.82	+49 10 7.8	+ 5.9
52	ζ Ophiuchi	9	31 42.93	+ 0.31	**+11.08**	310 39 52.08	44.672	+ 6.34	−1 9.0	16 31 54.32	.....	−10 22 21.8	....
53	35 B. Camelopardalis s. p.	8	35 42.18	− 0.34	+11.08	65 13 58.48	41.883	+ 6.34	+2 8.5	4 35 52.92	.....	+75 46 1.6	....
54	114 B. Draconis	9	43 18.63	+ 0.66	+11.09	17 57 58.15	44.498	+ 6.34	+ 19.4	16 43 30.38	.....	+56 57 8.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 17 55	.....	....	39.9
18 37	30.16	39.5	38.8
0 45	30.26	52.0	50.2
22 2 1	30.24	54.3	53.3
8 0	30.18	55.1	54.9
9 51	30.18	50.9	50.2
10 13	.....	....	50.0
10 40	30.18	49.8	49.4
11 15	.....	....	48.5
11 23	.....	....	48.1
11 47	30.18	48.4	48.0
12 15	30.19	48.1	47.3
15 53	30.19	44.2	42.7
16 17	.....	....	42.3

Micrometer bisections are made at II, VI, except as noted below.

2, 10, 53.	Bisections at III, IV, V.
6, 22, 24, 39, 41, 45.	Bisections at III, V.
7.	Bisections at b_6, b_9.
8, 11, 16, 28, 34.	Bisections at I, II, VI, VII.
9, 13, 19, 37.	Bisections at VI, VII.
18.	Bisections at I, II.
20.	Bisections at II, III, IV, V, VI.
26.	Bisections at b_3, b_7.
33.	Bisections at III, IV.
35.	Bisections at b_4, b_6.
48.	Bisections at b_1, b_2, b_5, b_8, b_9.

Notes.

1–15. Slightly diffuse and unsteady.
48. Very faint.
50. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+ 3.3	.. ....	− 0.1	+ 3.2
18	+ 3.9	+15 57.3	...	+16 1.2
19	+ 3.9	−15 57.3	...	−15 53.4
20	+22 49.8	−16 4.7	...	+ 6 45.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	49 Herculis	9	47 32.83	+ 0.41	+11.09	336 9 55.12	43.778	+ 6.34	− 26.2	16 47 44.33	.....	+15 8 3.5	....
2	κ Ophiuchi	9	52 57.71	+ 0.39	+11.09	330 31 55.80	47.632	+ 6.34	− 33.5	16 53 9.19	.....	+ 9 31 25.0	....
3	*d* Herculis	9	57 53.86	+ 0.49	+11.09	354 43 56.58	43.550	+ 6.34	− 5.4	16 58 5.44	.....	+33 42 20.5	....
4	η Ophiuchi	9	4 42.92	+ 0.29	+11.03	305 25 53.88	45.375	+ 6.34	−1 23.2	17 4 54.30	.....	−15 36 18.1	....
5	*A* Ophiuchi (*south*)	5	9 17.35	+ 0.24	+11.09	294 35 52.68	43.978	+ 6.34	−2 9.0	17 9 28.68	.....	−26 27 37.2	....
6	*A* Ophiuchi (*north*)	5	9 17.44	+ 0.24	+11.09	294 35 52.68	44.125	+ 6.34	−2 9.0	17 9 28.77	.....	−26 27 33.3	....
7	θ Ophiuchi	9	15 57.56	+ 0.25	+11.09	296 7 54.60	47.432	+ 6.34	−2 0.4	17 16 8.90	.....	−24 54 7.6	....
8	σ Ophiuchi	9	21 35.31	+ 0.38	+11.08	325 13 54.38	48.038	+ 6.34	− 41.2	17 21 46.78	.....	+ 4 13 25.2	....
9	74 B. Camelopardalis s. p.	9	26 41.34	− 0.30	+11.09	65 59 59.42	44.605	+ 6.34	+2 13.4	5 26 52.13	.....	+74 58 53.5	....
10	ξ Serpentis	9	31 55.91	+ 0.30	+10.94	305 41 53.30	45.615	+ 6.34	−1 22.5	17 32 7.30	.....	−15 20 12.5	....
11	ι Herculis	9	36 35.27	+ 0.57	+11.09	7 3 58.00	45.545	+ 6.34	+ 7.5	17 36 46.93	.....	+46 3 20.4	....
12	μ Herculis	9	42 32.09	+ 0.47	+11.05	348 47 57.38	44.328	+ 6.34	− 11.7	17 42 43.65	.....	+27 46 32.8	....
13	*z* Herculis	9	47 22.53	+ 0.58	+11.09	9 25 57.60	44.845	+ 6.34	+ 10.0	17 47 34.20	− 1.57	+48 25 6.5	+ 7.1
14	ξ Draconis	9	51 41.99	+ 0.67	+11.09	17 53 58.38	44.542	+ 6.34	+ 19.3	17 51 53.75	.....	+56 53 9.6	....
15	δ Ursæ Minoris	9	3 7.11	+ 3.42	+11.09	47 35 59.82	46.641	+ 6.34	+1 5.4	18 3 21.62	.....	+86 36 44.9	....
16	109 Herculis	9	19 26.29	+ 0.45	+11.09	342 43 54.62	47.252	+ 6.34	− 18.4	18 19 37.83	.....	+21 43 30.2	....
17	2 H. Scuti	9	23 33.77	+ 0.31	+11.09	306 23 52.98	47.338	+ 6.34	−1 20.5	18 23 45.17	.....	−14 37 31.5	....
18	3 H. Scuti	9	29 49.02	+ 0.34	+11.08	312 43 54.00	43.778	+ 6.34	−1 4.4	18 30 0.45	.....	− 8 18 35.7	....
19	4 H. Scuti	9	36 51.08	+ 0.34	+11.10	311 53 53.75	43.910	+ 6.34	−1 6.3	18 37 2.51	.....	− 9 8 34.8	....
	April 24, R.												
20	Venus C	.	-- -----	----	-----	325 37 51.05	46.488	+ 8.88	− 37.3	0 58	.....	+ 4 36 52.9	....
	April 25, R.												
21	Sun S	.	-- -----	----	-----	333 57 52.48	45.392	+ 8.60	− 26.5	2 11	.....	+12 56 39.8	....
22	Sun N	.	-- -----	----	-----	334 29 52.28	44.865	+ 8.60	− 25.8	.. ..	.....	+13 28 28.2	....
23	Mercury C	.	-- -----	----	-----	342 37 55.52	42.365	+ 8.00	− 16.9	3 25	.....	+21 35 42.6	....
	April 29, R.												
24	Sun S	.	-- -----	----	-----	335 13 56.45	46.135	+ 6.20	− 25.8	2 26	.....	+14 12 59.0	....
25	Sun N	.	-- -----	----	-----	335 45 56.28	45.615	+ 6.20	− 25.2	.. ..	.....	+14 44 47.4	....
	May 1, M.												
26	89 Virginis	9	44 30.10	+ 0.20	+11.30	303 21 55.28	47.568	+ 5.92	−1 26.3	13 44 41.62	.....	−17 39 30.1	....
27	η Boötis	9	49 57.05	+ 0.37	+11.37	339 53 57.35	45.045	+ 5.92	− 20.9	13 50 8.74	.....	+18 52 39.6	....
28	50 Cassiopeiæ s. p.	9	55 1.47	− 0.55	+11.33	69 2 0.52	42.865	+ 5.92	+2 28.4	1 55 12.25	.....	+71 57 17.4	....
29	94 Virginis	9	1 3.39	+ 0.24	+11.33	312 35 55.05	44.880	+ 5.92	−1 1.9	14 1 14.96	.....	− 8 26 7.1	....
30	*d* Boötis	9	5 51.46	+ 0.41	+11.36	346 33 57.80	44.885	+ 5.92	− 13.6	14 6 3.20	.....	+25 32 43.7	....
31	ι Virginis	9	10 49.42	+ 0.26	+11.30	315 27 55.92	48.438	+ 5.92	− 56.0	14 11 1.01	.....	− 5 32 39.3	....
32	θ Boötis	9	21 45.83	+ 0.62	+11.33	13 17 59.38	46.105	+ 5.92	+ 13.6	14 21 57.78	.....	+52 17 40.2	....
33	ρ Boötis	9	27 31.76	+ 0.44	+11.33	351 47 59.08	46.700	+ 5.92	− 8.2	14 27 43.53	.....	+30 47 31.8	....
34	6 B. Libræ	9	31 43.99	+ 0.23	+11.33	309 7 54.68	45.780	+ 5.92	−1 10.0	14 31 55.55	− 2.34	−11 53 55.3	+ 5.1
35	μ Virginis	9	37 50.65	+ 0.26	+11.34	315 47 56.22	43.445	+ 5.92	− 55.5	14 38 2.24	.....	− 5 14 32.6	....
36	109 Virginis	9	41 14.22	+ 0.29	+11.34	323 19 56.05	43.678	+ 5.92	− 42.5	14 41 25.84	.....	+ 2 17 45.5	....
37	8 Libræ	9	45 13.43	+ 0.21	+11.29	305 25 54.92	46.092	+ 5.92	−1 20.1	14 45 24.97	.....	−15 35 58.0	....
38	ξ^2 Libræ	8	51 24.22	+ 0.23	+11.33	309 59 54.50	47.045	+ 5.92	−1 8.0	14 51 35.78	.....	−11 1 24.6	....
39	δ Libræ	9	55 41.28	+ 0.24	+11.33	312 53 55.90	44.218	+ 5.92	−1 1.5	14 55 52.85	− 2.28	− 8 8 21.3	+ 3.7
40	ψ Boötis	9	0 10.16	+ 0.42	+11.33	348 19 58.68	46.170	+ 5.92	− 11.8	15 0 21.91	.....	+27 19 15.7	....
41	57 B. Ursæ Minoris	9	7 55.78	+ 6.47	+11.33	48 36 1.98	45.278	+ 5.92	+1 5.2	15 8 13.58	.....	+87 36 15.0	....
42	η Coronæ Borealis	8	19 4.50	+ 0.44	+11.33	351 40 0.02	42.688	+ 5.92	− 8.4	15 19 16.27	.....	+30 38 1.1	....
43	β Coronæ Borealis	9	23 42.48	+ 0.43	+11.34	350 25 57.65	48.470	+ 5.92	− 9.6	15 23 54.24	.....	+29 26 9.4	....
44	γ Libræ	9	30 0.12	+ 0.21	+11.34	306 33 55.32	45.310	+ 5.92	−1 17.1	15 30 11.66	.....	−14 28 12.5	....
45	α Serpentis	9	39 22.76	+ 0.32	+11.35	327 43 55.58	48.310	+ 5.92	− 36.2	15 39 34.41	.....	+ 6 43 37.2	....
46	ζ Ursæ Minoris	9	47 19.32	+ 1.52	+11.33	39 6 0.92	43.912	+ 5.92	+ 46.8	15 47 32.17	.....	+78 5 24.8	....
47	ε Coronæ Borealis	9	53 26.98	+ 0.42	+11.31	348 9 57.80	46.305	+ 5.92	− 12.0	15 53 38.73	.....	+27 9 17.7	....
48	151 H^1. Cephei s. p.	8	6 0.00	− 2.88	+11.33	55 42 1.28	43.584	+ 5.92	+1 24.3	4 6 8.45	.....	+85 18 4.3	....
49	Moon N	.	.. ..	....	.....	303 13 54.00	47.835	+ 5.87	−1 27.3	.. ..	.....	−17 47 27.7	....
50	Moon II, S	9	43 59.95	+ 0.19	+11.34	302 43 54.45	43.772	+ 5.87	−1 29.1	16 44 11.48	−68.11	−18 18 59.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 16 51	30.19	43.2	41.9
17 30	......	....	41.3
18 35	30.19	41.9	40.5
24 0 59	29.615	72.1	73.8
25 2 12	29.595	74.2	76.0
3 26	29.58	76.7	79.0
29 2 27	29.55	60.2	58.9
1 13 41	29.83	55.8	55.1
14 14	......	....	55.7
14 35	......	....	54.9
15 16	29.83	54.8	53.0
16 2	......	....	52.1
16 52	29.84	52.9	52.3

Micrometer bisections are made at II, VI, except as noted below.

5, 21, 24.	Bisections at I, II.
6, 22, 29, 42.	Bisections at VI, VII.
9.	Bisections at III, IV, V.
15, 41, 48.	Bisections at b_1, b_2, b_5, b_8, b_9.
20, 23.	Bisections at I, II, VI, VII.
25.	Bisections at VIII, IX.
28.	Bisections at II, III, IV, V, VI.
46.	Bisections at III, V.
49.	Bisections at I, II, III.
50.	Bisections at V, VI, VII.

Notes.

1–19.	Hazy.
4, 9, 26–48.	Poor.
10, 17, 35.	Faint.
49.	Micrometer reading increased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
20	+ 3.1	.. ....	− 0.1	+ 3.0
21	+ 3.8	+15 54.2	...	+15 58.0
22	+ 3.7	−15 54.1	...	−15 50.4
23	+ 3.3	.. ....	+ 0.9	+ 4.2
24	+ 3.6	+15 54.2	...	+15 57.8
25	+ 3.5	−15 54.1	...	−15 50.6
49	+47 43.5	−15 37.0	...	+32 6.5
50	+48 1.0	+15 37.0	0.0	+63 38.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	May 1, R.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ι Herculis	9	36 35.21	+ 0.57	+11.34	7 3 58.25	45.675	+ 5.92	+ 7.2	17 36 47.12	.....	+46 3 23.1	....
2	z Herculis	9	47 22.49	+ 0.60	+11.34	9 25 59.15	44.910	+ 5.92	+ 9.7	17 47 34.43	− 1.84	+48 25 8.8	+ 5.1
3	ν Ophiuchi	9	53 34.80	+ 0.26	**+11.32**	311 15 54.58	46.362	+ 5.92	−1 5.7	17 53 46.40	.....	− 9 45 37.8	....
4	γ Sagittarii	9	59 29.08	+ 0.14	+11.34	290 37 53.55	45.662	+ 5.92	−2 32.0	17 59 40.56	.....	−30 25 20.9	....
5	22 H. Camelopardalis s. p.	9	8 4.44	− 0.44	+11.34	71 38 0.52	41.898	+ 5.92	+2 52.7	6 8 15.34	.....	+69 21 14.8	....
6	η Serpentis	9	16 10.65	+ 0.30	**+11.30**	318 6	......	....	. ....	18 16 22.29	.....	− 2 55	....
7	109 Herculis	9	19 26.30	+ 0.42	**+11.35**	342 43 55.30	47.320	+ 5.92	− 17.8	18 19 38.06	.....	+21 43 32.6	....
8	23 H. Camelopardalis s. p.	9	29 39.64	− 1.20	+11.34	61 19 59.70	42.375	+ 5.92	+1 45.3	6 29 49.78	.....	+79 40 12.0	....
9	4 H. Scuti	9	36 51.12	+ 0.27	**+11.38**	311 53 54.10	43.835	+ 5.92	−1 4.0	18 37 2.73	.....	− 9 8 34.3	....
10	111 Herculis	9	42 36.74	+ 0.41	+11.34	339 5 56.60	44.625	+ 5.92	− 21.9	18 42 48.49	− 1.53	+18 4 28.3	+ 0.7
11	θ Serpentis	9	51 16.69	+ 0.34	**+11.33**	325 5 55.22	46.248	+ 5.92	− 40.1	18 51 28.37	.....	+ 4 4 45.8	....
12	ε Aquilæ	9	55 5.69	+ 0.40	**+11.33**	335 57 56.68	44.275	+ 5.92	− 25.6	18 55 17.43	.....	+14 56 16.7	....
	May 2, Ei.-Y.												
13	ζ Leonis	9	11 10.49	+ 0.36	**+11.51**	344 53 58.35	47.378	+ 6.02	− 15.3	10 11 22.34	.....	+23 53 39.6	....
14	γ Leonis (*pr.*)	9	14 30.36	+ 0.34	**+11.40**	341 19 57.32	47.218	+ 6.02	− 19.2	10 14 42.19	.....	+20 19 31.0	....
15	B. D.+15°2206	9	23 30.19	+ 0.32	+11.49	335 51 56.15	43.330	+ 6.04	− 25.5	10 23 42.00	− 1.26	+14 49 54.7	+10.2
16	B. D.+13°2271	9	27 0.48	+ 0.31	+11.49	334 25 56.50	45.260	+ 6.05	− 27.2	10 27 12.28	− 1.28	+13 24 37.5	+10.6
17	B. D.+11°2252	9	31 27.31	+ 0.30	+11.49	332 33 56.30	41.458	+ 6.06	− 29.6	10 31 39.10	− 1.31	+11 31 8.0	+11.1
18	B. D.+11°2269	9	37 3.20	+ 0.30	+11.49	331 53 55.50	42.010	+ 6.07	− 30.4	10 37 14.99	− 1.34	+10 51 19.1	+11.2
19	B. D.+10°2200	9	41 3.64	+ 0.29	+11.49	331 1 55.98	47.135	+ 6.08	− 31.5	10 41 15.42	− 1.36	+10 1 15.6	+11.4
20	B. D.+ 8°2418	9	43 32.66	+ 0.28	+11.49	329 45 55.92	42.622	+ 6.09	− 33.2	10 43 44.43	− 1.38	+ 8 43 30.7	+11.7
21	B. D.+ 9°2418	9	46 7.16	+ 0.29	+11.49	330 41 56.32	42.205	+ 6.09	− 32.0	10 46 18.94	− 1.39	+ 9 39 22.7	+11.4
22	B. D.+ 1°2501	9	50 35.88	+ 0.25	+11.49	322 15 56.08	46.298	+ 6.10	− 44.1	10 50 47.62	− 1.48	+ 1 14 44.0	+13.9
23	B. D.+10°2230	9	54 21.81	+ 0.29	+11.49	331 27 55.85	45.288	+ 6.11	− 31.0	10 54 33.59	− 1.43	+10 26 33.8	+10.9
24	B. D.+ 1°2511	9	57 17.50	+ 0.25	+11.49	322 23 55.52	43.440	+ 6.12	− 44.0	10 57 29.24	− 1.50	+ 1 21 38.2	+13.6
25	B. D.+12°2300	9	0 28.68	+ 0.31	+11.49	333 37 56.98	44.475	+ 6.12	− 28.3	11 0 40.48	− 1.44	+12 36 19.0	+10.1
26	B. D.− 8°3323	9	14 13.96	+ 0.20	+11.50	312 37 55.28	47.700	+ 6.28	−1 2.4	12 14 25.66	− 1.96	− 8 23 2.9	+12.9
27	B. D.+ 0°2932	9	16 33.11	+ 0.24	+11.50	321 23 55.10	45.382	+ 6.29	− 45.9	12 16 44.85	− 1.86	+ 0 22 20.5	+11.0
28	B. D.− 0°2570	9	20 13.23	+ 0.24	+11.50	320 29 53.92	43.388	+ 6.30	− 47.4	12 20 24.97	− 1.88	− 0 32 27.7	+11.0
29	B. D.+ 5°2631	9	23 14.94	+ 0.26	+11.50	325 57 56.62	42.918	+ 6.31	− 38.9	12 23 26.70	− 1.83	+ 4 55 32.7	+ 9.7
30	B. D.+ 2°2552	9	26 10.37	+ 0.25	+11.50	322 53 56.08	42.525	+ 6.31	− 43.5	12 26 22.12	− 1.88	+ 1 51 18.6	+10.2
31	B. D.− 6°3598	9	30 38.08	+ 0.21	+11.50	314 5 55.60	46.970	+ 6.32	− 59.4	12 30 49.79	− 2.00	− 6 55 16.2	+11.8
32	B. D.− 3°3329	9	33 37.39	+ 0.22	+11.50	317 11 55.80	42.382	+ 6.33	− 53.3	12 33 49.11	− 1.97	− 3 50 54.7	+11.0
33	B. D.− 6°3626	9	36 50.09	+ 0.21	+11.50	314 3 55.55	43.710	+ 6.33	− 59.5	12 37 1.80	− 2.02	− 6 58 30.8	+11.5
34	B. D.−10°3546	9	39 55.16	+ 0.19	+11.50	310 33 54.35	43.722	+ 6.34	−1 7.2	12 40 6.85	− 2.09	−10 28 39.4	+12.0
35	B. D.− 6°3644	9	41 51.51	+ 0.20	+11.50	313 45 55.68	43.502	+ 6.35	−1 0.1	12 42 3.21	− 2.04	− 7 16 36.0	+11.3
36	B. D.− 2°3580	9	44 4.09	+ 0.22	+11.50	317 51 56.50	42.845	+ 6.35	− 52.1	12 44 15.81	− 2.00	− 3 10 42.2	+10.4
37	B. D.− 0°2622	9	47 7.11	+ 0.24	+11.50	320 35 55.00	48.320	+ 6.36	− 47.3	12 47 18.85	− 1.97	− 0 24 33.8	+ 9.8
38	δ Virginis	9	50 36.24	+ 0.26	**+11.49**	324 55 56.45	46.890	+ 6.36	− 40.4	12 50 48.00	.....	+ 3 55 1.8	....
39	B. D.− 8°3456	9	52 9.70	+ 0.20	+11.50	312 37 55.32	46.130	+ 6.37	−1 2.6	12 52 21.40	− 2.10	− 8 23 38.8	+10.9
40	ε Virginis	9	57 13.96	+ 0.30	**+11.53**	332 29 55.40	44.815	+ 6.38	− 30.0	12 57 25.76	.....	+11 28 23.8	....
	May 2, Br.												
41	σ Ophiuchi	9	21 35.31	+ 0.29	**+11.40**	325 13 56.70	48.022	+ 5.95	− 40.4	17 21 46.98	.....	+ 4 13 27.5	....
42	74 B. Camelopardalis s. p.	7	26 41.03	− 0.79	+11.38	66 0 0.38	44.775	+ 5.94	+2 10.9	5 26 51.62	.....	+74 58 51.6	....
43	ξ Serpentis	9	31 55.88	+ 0.19	**+11.33**	305 41 55.55	45.495	+ 5.91	−1 21.0	17 32 7.46	.....	−15 20 11.7	....
44	Moon II, N	8	40 55.33	+ 0.16	+11.39	302 15 55.62	47.792	+ 5.86	−1 32.1	17 41 6.88	−67.48	−18 45 30.5	....
45	γ Sagittarii	9	59 29.17	+ 0.10	+11.39	290 37 54.68	45.700	+ 5.78	−2 33.7	17 59 40.66	.....	−30 25 20.9	....
46	22 H. Camelopardalis s. p.	9	8 4.59	− 0.49	+11.39	71 38 1.15	41.800	+ 5.74	+2 55.0	6 8 15.49	.....	+69 21 14.9	....
47	δ Sagittarii	9	14 41.57	+ 0.10	+11.39	291 11 55.82	43.878	+ 5.72	−2 29.5	18 14 53.06	.....	−29 51 57.2	....
48	109 Herculis	9	19 26.28	+ 0.38	**+11.43**	342 43 56.68	47.310	+ 5.69	− 18.1	18 19 38.05	.....	+21 43 33.5	....
49	2 H. Scuti	9	23 33.87	+ 0.19	+11.39	306 23 54.92	47.288	+ 5.67	−1 19.1	18 23 45.45	.....	−14 37 29.7	....
50	23 H. Camelopardalis s. p.	9	29 39.65	− 1.26	+11.39	61 19 59.50	42.360	+ 5.64	+1 47.0	6 29 49.78	.....	+79 40 11.8	..
51	4 H. Scuti	9	36 51.12	+ 0.22	**+11.46**	311 53 54.58	43.902	+ 5.61	−1 5.1	18 37 2.73	.....	− 9 8 33.7	....
52	110 Herculis	9	41 21.61	+ 0.37	**+11.38**	341 27 57.48	46.595	+ 5.59	− 19.6	18 41 33.37	.....	+20 27 16.1	....
53	β Lyræ	9	46 21.86	+ 0.44	+11.39	354 15 58.98	45.292	+ 5.56	− 5.8	18 46 33.69	.....	+33 15 1.6	....
54	θ Serpentis	9	51 16.73	+ 0.29	**+11.37**	325 5 56.28	46.288	+ 5.54	− 40.8	18 51 28.41	.....	+ 4 4 46.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 17 35	29.85	51.6	50.0
17 55	......	....	49.2
18 22	29.86	52.0	51.5
18 40	......	....	52.0
19 3	29.87	52.6	52.2
2 10 8	30.02	61.3	59.9
10 34	......	....	58.9
11 2	30.03	59.0	57.8
12 12	30.055	56.9	55.0
12 32	......	....	54.1
12 58	30.06	55.0	53.3
17 19	30.06	50.0	48.1
17 42	......	....	48.0
17 59	30.07	49.2	47.7
18 51	......	....	47.1

Micrometer bisections are made at II, VI, except as noted below.

1, 43, 48, 49. Bisections at VI, VII.
4, 5. Bisections at II, VI, VII.
22, 28, 32, 35. Bisections at II, VII.
42. Bisections at b_3, b_7.
44. Bisections at II, III, IV, V, VI.
45, 47. Bisections at I, II, VI, VII.
46. Bisections at III, V.
50. Bisections at III, IV, V.

Notes.

4. Diffuse.
5. Poor.
16. Revolutions of micrometer reading assumed.
45, 47. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
44	+47 34.9	−15 25.3	...	+32 9.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Sagittarii	9	56 20.58	+ 0.10	+11.39	291 1 55.00	46.928	+ 5.52	−2 30.7	18 56 32.07	.....	−30 0 49.6	....
2	π Sagittarii	9	3 53.47	+ 0.15	+11.39	299 51 54.90	45.940	+ 5.48	−1 41.5	19 4 5.01	.....	−21 10 23.2	....
3	25 H. Camelopardalis s. p.	9	10 43.13	− 1.86	+11.39	58 23 59.40	43.627	+ 5.45	+1 35.2	7 10 52.66	.....	+82 35 54.9	....
4	Venus I, C	5	35 12.35	+ 0.31	+11.42	329 23 55.08	43.886	+ 6.23	− 33.7	1 35 24.08	+ 0.34	+ 8 21 58.4	....
5	Venus II	5	35 13.06	+ 0.31	+11.42	... .	......	....	. ....	1 35 24.79	− 0.37	.. ..	....
	May 3, Br.												
6	Sun I, N	9	40 8.71	+ 0.34	+11.43	336 57 57.12	46.775	+ 5.89	− 24.1	2 40 20.48	+66.23	+15 57 15.6	....
7	Sun II, S	9	42 21.17	+ 0.34	+11.43	336 25 57.08	47.410	+ 5.89	− 24.7	2 42 32.94	−66.23	+15 25 29.5	....
8	3 Draconis	9	36 56.76	+ 0.84	+11.46	28 18 0.42	42.745	+ 6.25	+ 30.9	11 37 9.06	.....	+67 16 42.2	....
9	β Leonis	9	43 59.68	+ 0.27	+**11.50**	336 7 57.28	44.585	+ 6.25	− 25.3	11 44 11.41	.....	+15 6 25.0	....
10	o Leonis	9	50 34.21	+ 0.27	+11.46	337 11 57.75	45.410	+ 6.25	− 24.0	11 50 45.94	− 1.61	+16 10 45.6	+ 7.8
11	π Virginis	9	55 47.24	+ 0.23	+**11.47**	328 9 55.98	46.185	+ 6.25	− 35.4	11 55 58.94	.....	+ 7 8 50.1	....
12	10 Virginis	9	4 36.28	+ 0.20	+11.47	323 27 57.60	44.370	+ 6.25	− 42.3	12 4 47.95	− 1.78	+ 2 26 3.4	+10.9
13	5 B. Ursæ Minoris	9	13 53.44	+ 5.27	+11.47	47 58 3.28	45.537	+ 6.25	+1 3.6	12 14 10.18	− 7.07	+86 58 21.1	− 7.6
14	δ Corvi	9	24 44.27	+ 0.11	+**11.52**	305 3 55.90	43.155	+ 6.25	−1 21.3	12 24 55.85	.....	−15 59 5.0	....
15	319 B. Cephei s. p.	8	32 18.52	− 1.72	+11.47	59 1 59.45	44.268	+ 6.25	+1 35.5	0 32 28.27	+ 1.80	+81 57 39.1	+ 8.2
16	Groombridge 1922	9	40 27.04	+ 0.47	+11.47	6 59 58.55	41.835	+ 6.25	+ 7.1	12 40 38.98	− 1.71	+45 57 55.8	0.0
17	31 Comæ Berenices	9	46 51.37	+ 0.34	+**11.44**	349 3 58.52	47.415	+ 6.25	− 11.0	12 47 3.18	.....	+28 3 45.1	....
18	1 B. Ursæ Minoris s. p.	5	56 22.64	−10.15	+11.47	52 30 0.65	43.160	+ 6.25	+1 14.8	0 56 23.96	+15.25	+88 30 23.8	+ 7.0
19	43 Comæ Berenices	9	7 13.61	+ 0.34	+**11.54**	349 21 58.25	47.670	+ 6.25	− 10.7	13 7 25.42	.....	+28 21 51.2	....
20	σ Virginis	9	12 35.69	+ 0.22	+11.47	326 59 55.62	45.208	+ 6.25	− 37.2	13 12 47.38	− 1.97	+ 5 58 25.7	+ 7.5
21	α Virginis	9	19 58.60	+ 0.14	+**11.57**	310 21 56.82	45.938	+ 6.25	−1 7.4	13 20 10.21	.....	−10 39 46.6	....
22	73 Virginis	9	26 42.86	+ 0.10	+11.47	302 47 55.92	45.800	+ 6.25	−1 28.8	13 26 54.43	− 2.37	−18 14 12.1	+10.0
23	13 B. Ursæ Minoris	9	34 42.69	+ 1.01	+11.47	32 43 59.78	45.735	+ 6.25	+ 37.1	13 34 55.17	− 2.55	+71 43 56.2	− 3.6
24	i Centauri	9	40 5.05	0.00	+11.47	288 29 56.88	45.425	+ 6.25	−2 49.9	13 40 16.52	− 2.79	−32 33 40.7	+10.0
25	89 Virginis	9	44 30.02	+ 0.10	+**11.48**	303 21 50.30	47.825	+ 6.25	−1 27.1	13 44 41.59	.....	−17 39 29.7	....
26	92 Virginis	9	51 24.77	+ 0.20	+11.47	322 33 58.68	41.945	+ 6.25	− 44.1	13 51 36.44	− 2.10	+ 1 31 7.3	+ 6.5
	May 3, M.												
27	σ Ophiuchi	9	21 35.24	+ 0.25	+**11.53**	325 13 57.90	47.945	+ 6.12	− 40.3	17 21 47.06	.....	+ 4 13 27.3	....
28	74 B. Camelopardalis s. p.	8	26 40.75	− 0.77	+11.58	66 0 1.62	44.788	+ 6.12	+2 10.4	5 26 51.56	.....	+74 58 50.3	....
29	ξ Serpentis	9	31 55.75	+ 0.15	+**11.52**	305 41 56.28	45.442	+ 6.12	−1 20.6	17 32 7.48	.....	−15 20 11.8	....
30	ι Herculis	9	36 35.16	+ 0.50	+11.58	7 3 59.38	45.635	+ 6.12	+ 7.3	17 36 47.24	.....	+46 3 23.4	....
31	μ Herculis	9	42 31.93	+ 0.37	+**11.57**	348 48 0.25	44.302	+ 6.12	− 11.5	17 42 43.88	.....	+27 46 35.1	....
32	■ Herculis	9	47 22.39	+ 0.53	+11.58	9 26 0.22	44.865	+ 6.12	+ 9.7	17 47 34.50	− 1.89	+48 25 9.0	+ 4.6
33	ξ Draconis	9	51 41.96	+ 0.64	+11.58	17 54 0.12	44.585	+ 6.12	+ 18.9	17 51 54.18	.....	+56 53 11.9	....
34	δ Ursæ Minoris	9	3 8.50	+ 4.66	+11.58	47 36 2.35	46.719	+ 6.12	+1 3.9	18 3 24.74	.....	+86 36 47.4	....
35	δ Sagittarii	9	14 41.41	+ 0.06	+11.58	291 11 55.18	43.808	+ 6.12	−2 28.8	18 14 53.05	.....	−29 51 58.4	....
36	109 Herculis	9	19 26.22	+ 0.34	+**11.56**	342 43 57.02	47.222	+ 6.12	− 18.0	18 19 38.14	.....	+21 43 32.1	....
37	2 H. Scuti	9	23 33.70	+ 0.16	+11.58	306 23 54.30	47.262	+ 6.12	−1 18.7	18 23 45.44	.....	−14 37 30.3	....
38	Moon II, N	9	36 25.49	+ 0.13	+11.58	302 19 55.50	48.831	+ 6.12	−1 31.6	18 36 37.20	−66.50	−18 41 6.1	....
39	110 Herculis	9	41 21.58	+ 0.33	+**11.47**	341 27 57.92	46.490	+ 6.12	− 19.5	18 41 33.49	.....	+20 27 14.8	....
40	51 H. Cephei s. p.	9	55 27.06	− 5.15	+11.58	53 48 0.80	43.778	+ 6.12	+1 19.7	6 55 33.49	.....	+87 12 4.5	....
	May 4, M.												
41	Sun I, N	9	43 58.99	+ 0.30	+11.61	337 15 57.28	45.292	+ 6.10	− 23.6	2 44 10.90	+66.11	+16 14 42.7	....
42	Sun II, S	9	46 11.21	+ 0.30	+11.61	336 43 56.00	46.165	+ 6.10	− 24.2	2 46 23.12	−66.11	+15 43 0.7	....
43	34 Sextantis	9	37 29.57	+ 0.16	+**11.73**	325 5 56.62	46.445	+ 6.20	− 39.6	10 37 41.38	.....	+ 4 4 52.5	....
44	l Leonis	9	44 2.20	+ 0.19	+**11.73**	332 3 56.05	46.452	+ 6.20	− 30.1	10 44 14.04	.....	+11 3 1.5	....
45	54 Leonis	9	50 14.38	+ 0.26	+11.65	346 17 58.30	41.985	+ 6.20	− 13.8	10 50 26.29	− 1.29	+25 15 38.0	+ 6.1
46	36 H. Cephei s. p.	6	55 2.21	− 2.23	+11.65	57 10 0.62	44.265	+ 6.20	+1 28.2	22 55 11.63	+ 0.17	+83 49 45.4	+ 9.8
47	χ Hydræ	9	0 32.56	− 0.01	+11.65	294 15 54.88	45.642	+ 6.20	−2 5.3	11 0 44.20	− 1.84	−26 46 53.2	+21.0
48	π Cephei s. p.	9	4 40.07	− 0.83	+11.65	66 8 1.20	42.127	+ 6.20	+2 8.4	23 4 50.89	.....	+74 51 53.5	....
49	n Leonis	9	10 40.27	+ 0.20	+11.65	334 51 56.60	42.908	+ 6.20	− 26.7	11 10 52.12	− 1.45	+13 49 44.5	+ 9.3
50	σ Leonis	9	16 0.99	+ 0.17	+**11.61**	327 33 55.65	47.085	+ 6.20	− 36.1	11 16 12.81	.....	+ 6 33 9.6	....
51	γ Crateris	9	19 55.24	+ 0.05	+11.65	303 51 54.92	47.000	+ 6.20	−1 24.5	11 20 6.94	− 1.81	−17 9 41.4	+17.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 19 14	30.08	48.7	47.0
1 35	30.16	63.0	61.0
3 2 42	30.145	64.2	63.7
11 35	30.125	59.2	59.0
12 0	......	....	59.2
12 47	30.12	58.6	58.5
13 55	30.125	56.3	55.4
17 14	30.10	52.0	50.9
17 39	......	....	50.5
18 12	30.10	51.4	50.0
19 4	30.09	50.8	49.8
4 2 46	30.14	66.7	66.0
10 33	30.05	62.5	61.2
11 13	......	....	60.2

Micrometer bisections are made at II, VI, except as noted below.

1, 2.	Bisections at II, VI, VII.
3, 13, 15, 28, 48.	Bisections at III, IV, V.
4, 24.	Bisections at I, II, VI, VII.
6.	Bisections at I, II.
7, 19.	Bisections at VI, VII.
8, 23.	Bisections at b_3, b_7.
16.	Bisections at III, V.
18.	Bisections at b_3, b_5, b_7.
33.	Bisection at VI.
34, 40.	Bisections at b_1, b_2, b_5, b_8, b_9.
38.	Bisections at II, III, IV, V, VI.
41.	Bisections at II, III.
42.	Bisections at V, VI.
46.	Bisections at III, IV.

Notes.

8–21. Clouds.
15, 17. Faint.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 2.7	.. ....	0.0	+ 2.7
6	+ 3.4	−15 53.0	...	−15 49.6
7	+ 3.4	+15 53.1	...	+15 56.5
38	+46 55.4	−15 13.3	...	+31 42.1
41	+ 3.3	−15 51.0	...	−15 47.7
42	+ 3.4	+15 50.9	...	+15 54.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	58 Ursæ Majoris........	9	25 8.97	+ 0.39	+11.65	4 43 58.42	42.202	+ 6.20	+ 4.8	11 25 21.01	− 1.39	+43 42 1.6	+ 0.2
2	υ Leonis...............	9	31 51.94	+ 0.14	**+11.62**	320 43 54.85	44.950	+ 6.20	− 46.5	11 32 3.73	....	− 0 17 50.4	....
3	3 Draconis.............	9	36 56.56	+ 0.76	+11.65	28 18 0.85	42.740	+ 6.20	+ 30.8	11 37 8.97	....	+67 16 42.4	....
4	β Leonis...............	9	43 59.61	+ 0.21	**+11.62**	336 7 56.80	44.565	+ 6.20	− 25.2	11 44 11.47	....	+15 6 24.1	....
	May 4, Ei.-Y.												
5	δ Virginis.............	9	50 36.09	+ 0.18	**+11.72**	324 55 57.28	46.858	+ 6.34	− 40.2	12 50 47.97	....	+ 3 55 2.4	....
6	B. D. − 3°3384........	8	54 32.97	+ 0.15	+11.70	317 43 56.48	45.258	+ 6.34	− 52.1	12 54 44.82	− 2.03	− 3 17 47.1	+ 9.9
7	ε Virginis.............	9	57 13.87	+ 0.22	**+11.70**	332 29 55.95	44.805	+ 6.34	− 29.9	12 57 25.79	....	+11 28 23.9	....
8	B. D. − 2°3620........	9	58 10.97	+ 0.15	+11.70	318 33 57.28	47.222	+ 6.34	− 50.6	12 58 22.82	− 2.02	− 2 26 59.9	+ 9.6
9	B. D. −13°3651........	9	0 38.61	+ 0.09	+11.71	307 25 54.50	45.805	+ 6.34	−1 14.9	13 0 50.41	− 2.20	−13 35 59.3	+11.3
10	B. D. − 9°3636........	9	4 34.02	+ 0.12	+11.71	311 11 53.75	47.515	+ 6.34	−1 5.5	13 4 45.85	− 2.15	− 9 49 11.7	+10.5
11	B. D. −11°3457........	9	6 49.04	+ 0.10	+11.71	309 7 55.12	46.355	+ 6.34	−1 10.4	13 7 0.85	− 2.19	−11 53 41.7	+10.6
12	B. D. − 2°3659........	9	10 50.85	+ 0.15	+11.71	318 25 57.48	43.970	+ 6.34	− 50.9	13 11 2.71	− 2.06	− 2 36 14.4	+ 9.0
13	B. D. −14°3683........	9	12 16.12	+ 0.09	+11.71	305 59 54.92	44.430	+ 6.34	−1 18.9	13 12 27.92	− 2.27	−15 2 34.4	+10.7
14	B. D. −10°3652........	9	14 31.10	+ 0.11	+11.71	309 51 54.82	44.910	+ 6.34	−1 8.7	13 14 42.92	− 2.20	−11 10 13.2	+10.1
15	B. D. −13°3692........	9	16 50.84	+ 0.09	+11.71	307 7 56.02	42.845	+ 6.34	−1 15.8	13 17 2.64	− 2.26	−13 55 6.4	+10.3
16	α Virginis.............	9	19 58.47	+ 0.11	**+11.73**	310 21 54.65	46.055	+ 6.34	−1 7.5	13 20 10.29	....	−10 39 46.1	....
17	B. D. − 5°3702........	9	23 53.61	+ 0.14	+11.71	315 33 56.02	45.845	+ 6.34	− 56.3	13 24 5.46	− 2.14	− 5 27 38.4	+ 8.7
18	B. D. − 5°3714........	9	26 48.70	+ 0.14	+11.71	315 15 56.48	45.602	+ 6.34	− 56.9	13 27 0.55	− 2.15	− 5 45 44.0	+ 8.6
19	B. D. − 7°3643 (*mean*).	9	29 6.26	+ 0.12	+11.71	312 53 55.78	46.038	+ 6.34	−1 1.8	13 29 18.09	− 2.19	− 8 7 39.7	+ 8.8
20	B. D. − 8°3602........	9	33 7.11	+ 0.12	+11.71	312 25 55.25	44.428	+ 6.34	−1 2.9	13 33 18.94	− 2.21	− 8 36 18.1	+ 8.6
21	m Virginis.............	9	36 24.76	+ 0.12	**+11.67**	312 47 56.00	47.175	+ 6.34	−1 2.0	13 36 36.59	....	− 8 13 13.7	....
22	B. D. − 6°3878........	9	39 45.29	+ 0.13	+11.71	313 51 56.42	47.000	+ 6.34	− 59.8	13 39 57.13	− 2.20	− 7 9 15.1	+ 8.0
23	B. D. −15°3739........	9	42 37.98	+ 0.08	+11.71	305 27 56.20	42.632	+ 6.34	−1 20.6	13 42 49.77	− 2.36	−15 35 15.9	+ 8.7
24	B. D. −12°3910........	9	45 47.61	+ 0.10	+11.71	307 49 54.82	44.958	+ 6.34	−1 14.0	13 45 59.42	− 2.32	−13 12 17.5	+ 8.3
25	B. D. −11°3642........	9	53 8.39	+ 0.10	+11.71	309 25 55.18	47.205	+ 6.34	−1 9.9	13 53 20.20	− 2.30	−11 35 21.7	+ 7.7
26	B. D. − 7°3748........	9	54 51.42	+ 0.12	+11.71	313 19 56.38	45.682	+ 6.34	−1 1.0	13 55 3.25	− 2.24	− 7 41 46.4	+ 7.2
27	B. D. − 4°3614........	9	59 4.13	+ 0.14	+11.71	316 5 56.22	46.688	+ 6.34	− 55.4	13 59 15.98	− 2.21	− 4 55 18.0	+ 6.8
28	B. D. − 8°3697........	9	1 28.57	+ 0.12	+11.71	312 9 55.68	46.698	+ 6.34	−1 3.5	14 1 40.40	− 2.27	− 8 51 26.4	+ 6.9
29	B. D. −15°3817........	9	5 26.42	+ 0.08	+11.71	305 11 55.60	43.325	+ 6.34	−1 21.5	14 5 38.21	− 2.41	−15 51 1.6	+ 7.2
30	B. D. −11°3693........	9	8 24.05	+ 0.11	+11.71	309 37 55.05	47.082	+ 6.34	−1 9.4	14 8 35.87	− 2.33	−11 23 24.1	+ 6.7
31	B. D. − 8°3737........	9	11 33.50	+ 0.12	+11.71	312 35 55.88	44.140	+ 6.34	−1 2.6	14 11 45.33	− 2.28	− 8 26 24.0	+ 6.3
32	B. D. −14°3918........	9	12 42.67	+ 0.09	+11.71	306 33 55.20	45.518	+ 6.34	−1 17.6	14 12 54.47	− 2.39	−14 28 7.9	+ 6.6
33	B. D. −16°3843........	9	15 1.03	+ 0.08	+11.71	303 57 55.08	42.742	+ 6.34	−1 25.4	14 15 12.82	− 2.45	−17 5 19.5	+ 6.6
34	B. D. − 9°3915........	8	16 15.36	+ 0.12	+11.71	311 5 54.22	45.502	+ 6.34	−1 6.0	14 16 27.19	− 2.31	− 9 55 57.7	+ 6.1
35	B. D. −19°3880........	9	19 58.83	+ 0.06	+11.71	301 29 54.30	46.020	+ 6.34	−1 33.8	14 20 10.60	− 2.50	−19 32 13.5	+ 6.3
36	B. D. − 6°4009........	9	23 28.27	+ 0.13	+11.71	314 33 55.60	44.382	+ 6.34	− 58.5	14 23 40.11	− 2.26	− 6 28 14.4	+ 5.5
37	B. D. −17°4110........	9	26 52.77	+ 0.07	+11.71	303 35 54.98	42.392	+ 6.34	−1 26.6	14 27 4.55	− 2.47	−17 27 28.6	+ 5.7
38	B. D. −13°3931........	9	30 55.41	+ 0.09	+11.71	307 25 54.82	44.180	+ 6.34	−1 15.2	14 31 7.21	− 2.39	−13 36 36.5	+ 5.3
39	B. D. −14°4006........	9	35 27.87	+ 0.09	+11.71	306 7 55.28	44.555	+ 6.34	−1 18.8	14 35 39.67	− 2.42	−14 54 31.1	+ 5.0
40	B. D. −17°4172........	9	40 21.88	+ 0.08	+11.71	303 45 55.80	42.012	+ 6.34	−1 26.1	14 40 33.67	− 2.47	−17 17 36.0	+ 4.7
41	B. D. −20°4093........	9	41 36.87	+ 0.05	+11.71	300 7 55.38	43.142	+ 6.34	−1 39.1	14 41 48.63	− 2.56	−20 55 23.2	+ 4.6
42	B. D. −10°3967........	9	43 50.13	+ 0.11	+11.71	310 35 54.90	46.132	+ 6.34	−1 7.2	14 44 1.95	− 2.34	−10 25 43.5	+ 4.4
43	B. D. −17°4200........	9	46 18.74	+ 0.07	+11.71	303 3 54.60	47.285	+ 6.34	−1 28.4	14 46 30.52	− 2.49	−17 57 38.9	+ 4.3
44	C. P. D. −24°5398......	9	48 36.37	+ 0.03	+11.71	296 47 55.50	44.708	+ 6.34	−1 53.7	14 48 48.11	− 2.64	−24 15 2.2	+ 4.0
45	43 B. Libræ............	9	51 42.28	+ 0.05	+11.71	300 3 54.95	44.170	+ 6.34	−1 39.4	14 51 54.04	....	−20 59 0.8	....
46	B. D. −14°4082........	9	53 24.06	+ 0.09	+11.71	305 59 55.78	42.882	+ 6.34	−1 19.3	14 53 35.86	− 2.43	−15 3 9.3	+ 3.8
47	B. D. −12°4192........	9	57 43.20	+ 0.10	+11.71	308 31 55.25	48.605	+ 6.34	−1 12.3	14 57 55.03	− 2.38	−12 28 52.1	+ 3.5
48	B. D. −18°3972........	9	0 38.33	+ 0.06	+11.71	302 1 54.62	45.678	+ 6.34	−1 32.0	15 0 50.10	− 2.52	−19 0 19.3	+ 3.2
49	B. D. −22°3904........	9	3 9.56	+ 0.04	+11.71	298 19 55.48	47.282	+ 6.34	−1 46.5	15 3 21.31	− 2.60	−22 41 56.2	+ 2.9
50	ι Libræ................	9	6 35.59	+ 0.06	**+11.71**	301 35 55.22	47.230	+ 6.34	−1 33.5	15 6 47.36	....	−19 25 44.7	....
51	B. D. −22°3916........	9	8 1.08	+ 0.04	+11.71	297 51 55.95	44.860	+ 6.34	−1 48.7	15 8 12.83	− 2.61	−23 10 53.0	+ 2.5
52	β Libræ................	9	11 40.92	+ 0.12	**+11.68**	311 59 54.95	45.888	+ 6.34	−1 4.0	15 11 52.76	....	− 9 1 46.1	....
53	β¹ Scorpii.............	9	59 41.88	+ 0.08	**+11.70**	301 29 55.15	45.132	+ 6.12	−1 34.1	15 59 53.68	....	−19 32 33.5	....
54	ν Scorpii (*mean*)......	9	6 15.47	+ 0.09	**+11.72**	301 49 54.82	44.838	+ 6.12	−1 32.9	16 6 27.28	....	−19 12 39.4	....
55	B. D. −21°4305........	9	7 52.39	+ 0.07	+11.72	299 53 55.75	43.562	+ 6.12	−1 40.3	16 8 4.18	− 2.48	−21 9 15.0	− 1.9
56	B. D. −14°4383........	9	10 16.78	+ 0.11	+11.72	306 25 55.78	44.550	+ 6.12	−1 18.2	16 10 28.61	− 2.35	−14 36 30.0	− 1.3
57	B. D. −14°4398........	9	13 25.60	+ 0.11	+11.72	306 23 55.15	45.068	+ 6.12	−1 18.3	16 13 37.43	− 2.34	−14 38 19.2	− 1.5
58	B. D. −22°4159........	9	16 58.09	+ 0.06	+11.72	298 9 53.82	43.365	+ 6.12	−1 47.6	16 17 9.87	− 2.50	−22 53 28.7	− 2.8
59	C. P. D. −25°5794......	9	21 5.83	+ 0.04	+11.72	294 59 54.42	46.962	+ 6.12	−2 3.3	16 21 17.59	− 2.57	−26 2 21.3	− 3.5
60	C. P. D. −27°5408......	9	24 9.31	+ 0.04	+11.72	293 19 53.82	47.650	+ 6.12	−2 13.1	16 24 21.07	− 2.60	−27 42 16.3	− 4.0

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
4 11 41	30.05	60.0	59.6	3.	Bisections at III, IV, V.					
12 48	30.045	57.9	56.0	5, 41, 42, 51, 56.	Bisections at VI, VII.					
13 16	......	....	55.2	7, 31, 33.	Bisections at I, II.					
13 37	30.045	56.0	54.4	9, 20, 28, 32, 59.	Bisections at II, VII.					
14 0	......	....	53.9	14.	Bisections at II, VI, VII.					
14 24	30.04	54.8	53.3							
14 50	......	....	53.0							
15 12	30.03	54.0	52.8							
15 57	30.02	53.4	51.9							

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −21°4381	9	26 17.31	+ 0.07	+11.72	299 47 56.05	42.635	+ 6.12	−1 40.8	16 26 29.10	− 2.44	−21 15 36.4	− 3.2
2	C. P. D. −25°5815	9	29 51.92	+ 0.05	+11.72	295 51 54.88	45.350	+ 6.12	−1 58.7	16 30 3.69	− 2.52	−25 10 53.4	− 4.0
3	B. D. −18°4302	9	32 49.73	+ 0.09	+11.72	302 23 54.22	46.680	+ 6.12	−1 30.9	16 33 1.54	− 2.37	−18 37 55.9	− 3.3
4	B. D. −19°4406	9	36 5.62	+ 0.08	+11.72	301 17 55.82	45.628	+ 6.12	−1 34.9	16 36 17.42	− 2.38	−19 44 22.3	− 3.6
5	B. D. −18°4320	9	39 43.83	+ 0.09	+11.72	302 3 54.68	47.765	+ 6.12	−1 32.1	16 39 55.64	− 2.36	−18 57 31.8	− 3.7
6	B. D. −15°4395	9	43 49.09	+ 0.11	+11.72	305 31 54.95	46.180	+ 6.12	−1 20.9	16 44 0.92	− 2.28	−15 29 56.6	− 3.4
7	C. P. D. −25°5875	9	46 13.26	+ 0.05	+11 72	295 35 55.02	47.230	+ 6.12	−2 0.1	16 46 25.03	− 2.47	−25 26 11.7	− 5.3
8	B. D. −21°4449	9	49 39.76	+ 0.07	+11.72	299 37 55.15	44.875	+ 6.12	−1 41.5	16 49 51.55	− 2.37	−21 24 46.8	− 4.8
9	B. D. −15°4420	9	53 18.72	+ 0.11	+11.72	305 21 54.80	46.748	+ 6.12	−1 21.4	16 53 30.55	− 2.26	−15 39 44.3	− 4.0
10	B. D. −17°4685	9	55 28.32	+ 0.10	+11.72	303 49 54.32	46.002	+ 6.12	−1 26.2	16 55 40.14	− 2.28	−17 12 6.6	− 4.4
11	C. P. D. −25°5924	9	58 39.78	+ 0.05	+11.72	295 31 53.85	46.705	+ 6.12	−2 0.6	16 58 51.55	− 2.42	−25 30 25.3	− 6.2
12	C. P. D. −23°6495	9	2 35.93	+ 0.06	+11.72	297 55 55.48	47.432	+ 6.12	−1 48.7	17 2 47.71	− 2.36	−23 5 55.1	− 5.9
13	C. P. D. −27°5594	9	6 14.96	+ 0.03	+11.72	293 23 55.15	46.935	+ 6.12	−2 13.0	17 6 26.71	− 2.44	−27 38 31.2	− 7.1
14	C. P. D. −26°5857	9	9 6.25	+ 0.04	+11.72	294 37 54.98	45.048	+ 6.12	−2 5.7	17 9 18.01	− 2.40	−26 25 7.2	− 7.0
15	C. P. D. −24°5859(*south*)	9	11 59.92	+ 0.06	+11.72	296 51 55.05	45.268	+ 6.12	−1 53.9	17 12 11.70	− 2.34	−24 10 50.3	− 6.8
16	B. D. −19°4605	9	14 46.50	+ 0.09	+11.72	301 47 55.15	47.062	+ 6.12	−1 33.2	17 14 58.31	− 2.24	−19 13 48.5	− 5.9
17	C. P. D. −28°5626	9	17 9.67	+ 0.03	+11.72	292 59 54.85	46.130	+ 6.12	−2 15.6	17 17 21.42	− 2.40	−28 2 52.5	− 7.9
18	*b* Ophiuchi	9	20 20.95	+ 0.06	+11.73	296 57 54.85	44.545	+ 6.12	−1 53.5	17 20 32.74	.....	−24 5 6.6	....
19	B. D. −19°4644	9	23 54.23	+ 0.08	+11.73	301 37 54.82	47.490	+ 6.12	−1 33.8	17 24 6.04	− 2.21	−19 23 39.4	− 6.4
20	B. D. −21°4659	9	29 22.42	+ 0.07	+11.73	299 3 55.18	45.370	+ 6.12	−1 44.0	17 29 34.22	− 2.22	−21 58 37.9	− 7.3
21	B. D. −21°4682	9	32 49.18	+ 0.07	+11.73	299 11 55.40	43.762	+ 6.12	−1 43.5	17 33 0.98	− 2.21	−21 51 14.0	− 7.5
22	C. P. D. −26°5932	9	35 56.13	+ 0.04	+11.73	294 13 54.15	49.115	+ 6.12	−2 8.0	17 36 7.90	− 2.28	−26 47 37.4	− 8.8
23	B. D. −20°4865	9	39 48.58	+ 0.08	+11.73	300 51 54.50	47.535	+ 6.12	−1 36.8	17 40 0.39	− 2.15	−20 9 41.9	− 7.5
24	C. P. D. −29°4905	9	43 11.67	+ 0.02	+11.73	291 45 55.40	46.692	+ 6.12	−2 24.2	17 43 23.42	− 2.30	−29 16 47.7	− 9.8
25	C. P. D. −28°5928	9	45 38.34	+ 0.03	+11.73	292 27 56.05	44.335	+ 6.12	−2 19.5	17 45 50.10	− 2.27	−28 35 36.2	− 9.8
26	B. D. −17°4946	9	48 13.97	+ 0.10	+11.73	303 37 55.72	47.948	+ 6.12	−1 27.0	17 48 25.80	− 2.07	−17 23 21.5	− 7.2
27	C. P. D. −23°6682	8	51 5.89	+ 0.06	+11.73	297 7 56.02	43.760	+ 6.12	−1 52.9	17 51 17.68	− 2.15	−23 55 22.8	− 9.0
28	B. D. −20°4940	9	54 7.73	+ 0.08	+11.73	300 41 55.02	47.312	+ 6.12	−1 37.5	17 54 19.54	− 2.08	−20 19 47.2	− 8.2
29	B. D. −21°4826	9	56 43.87	+ 0.07	+11.73	299 31 55.18	46.105	+ 6.12	−1 42.2	17 56 55.67	− 2.08	−21 30 19.3	− 8.6
30	C. P. D. −29°5230	9	58 43.78	+ 0.02	+11.73	291 27 55.18	46.545	+ 6.12	−2 26.5	17 58 55.53	− 2.22	−29 34 53.6	−10.8
31	B. D. −17°5028	9	2 4.53	+ 0.10	+11.73	303 51 55.10	46.538	+ 6.12	−1 26.4	18 2 16.36	− 2.00	−17 9 53.7	− 7.8
32	B. D. −18°4824	9	5 14.86	+ 0.09	+11.73	302 27 56.45	46.890	+ 6.12	−1 31.1	18 5 26.68	− 2.00	−18 33 49.0	− 8.3
33	B. D. −21°4916	9	8 20.13	+ 0.07	+11.73	299 17 55.22	46.542	+ 6.12	−1 43.2	18 8 31.93	− 2.02	−21 44 10.3	− 9.3
34	B. D. −20°5068	9	10 42.40	+ 0.08	+11.73	300 27 55.02	45.710	+ 6.12	−1 38.5	18 10 54.21	− 2.00	−20 34 24.8	− 9.1
35	C. P. D. −25°6460	9	12 35.63	+ 0.05	+11.73	295 23 53.78	47.170	+ 6.12	−2 1.7	18 12 47.41	− 2.06	−25 38 15.9	−10.5
36	C. P. D. −24°6362	9	15 27.03	+ 0.05	+11.73	296 3 53.88	49.470	+ 6.12	−1 58.1	18 15 38.81	− 2.03	−24 57 19.6	−10.5
37	C. P. D. −29°5565	9	21 31.52	+ 0.02	+11.73	291 9 54.10	48.228	+ 6.12	−2 28.8	18 21 43.27	− 2.07	−29 52 18.2	−12.1
38	B. D. −21°5025	9	23 57.42	+ 0.08	+11.73	300 1 54.82	45.088	+ 6.12	−1 40.2	18 24 9.23	− 1.93	−21 0 40.9	− 9.8
39	C. P. D. −25°6564	9	27 39.66	+ 0.05	+11.73	295 31 54.80	45.192	+ 6.12	−2 1.2	18 27 51.44	− 1.97	−25 30 59.6	−11.2
40	3 H. Scuti	9	29 48.89	+ 0.15	+11.73	312 41 56.32	48.978	+ 6.12	−1 2.9	18 30 0.77	.....	− 8 18 33.3	....
41	4 H. Scuti	9	36 50.98	+ 0.14	+11.73	311 53 54.65	43.890	+ 6.12	−1 4.8	18 37 2.85	.....	− 9 8 33.1	....
42	Moon II, N	9	30 4.80	+ 0.09	+11.73	303 21 55.40	47.443	+ 6.12	−1 28.3	19 30 16.62	−65.30	−17 39 34.7	....
	May 4, R.												
43	Venus I, C	9	44 24.91	+ 0.29	+11.67	330 17 55.75	45.632	+ 6.79	− 31.8	1 44 36.87	+ 0.34	+ 9 16 41.4	....
44	Venus II	9	44 25.61	+ 0.29	+11.67	... .	......	....	. ....	1 44 37.57	− 0.36	.. ..	....
	May 5, R.												
45	Sun I, N	9	47 49.74	+ 0.33	+11.67	337 33 58.32	43.225	+ 6.42	− 22.9	2 48 1.74	+66.36	+16 31 57.4	....
46	Sun II, S	8	50 2.46	+ 0.33	+11.67	337 1 57.60	44.000	+ 6.42	− 23.5	2 50 14.46	−66.36	+16 0 13.9	....
47	34 Sextantis	9	37 29.52	+ 0.21	+11.72	325 5 50.90	46.735	+ 4.90	− 39.0	10 37 41.39	.....	+ 4 4 52.7	....
48	54 Leonis	9	50 14.33	+ 0.31	+11.66	346 17 54.98	42.165	+ 4.90	− 13.7	10 50 26.30	− 1.28	+25 15 37.6	+ 6.0
49	36 H. Cephei S. P.	6	55 2.33	− 2.48	+11.66	57 10	......	....	. ....	22 55 11.51	0.00	+83 49	....
50	χ Hydræ	9	0 32.43	+ 0.06	+11.66	294 15 49.12	45.892	+ 4.90	−2 3.7	11 0 44.15	− 1.82	−26 46 53.0	+21.0
51	*n* Leonis	9	10 40.17	+ 0.26	+11.66	334 51 52.05	43.152	+ 4.90	− 26.4	11 10 52.09	− 1.44	+13 49 44.5	+ 9.3
52	σ Leonis	9	16 0.86	+ 0.22	+11.68	327 33 51.12	47.305	+ 4.90	− 35.7	11 16 12.74	.....	+ 6 33 9.2	....
53	γ Crateris	9	19 55.13	+ 0.11	+11.66	303 51 50.08	47.242	+ 4.90	−1 23.5	11 20 6.90	− 1.80	−17 9 41.0	+17.8
54	58 Ursæ Majoris	9	25 8.86	+ 0.44	+11.66	4 43 54.08	42.498	+ 4.90	+ 4.7	11 25 20.96	− 1.37	+43 42 2.6	+ 0.1
55	υ Leonis	9	31 51.76	+ 0.19	+11.74	320 43 50.40	45.162	+ 4.90	− 46.0	11 32 3.61	.....	− 0 17 50.8	....
56	ζ Crateris	9	39 43.88	+ 0.11	+11.66	303 13 49.90	43.100	+ 4.90	−1 25.7	11 39 55.65	.....	−17 49 18.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 16 28	......	....	51.1
16 51	30.015	52.0	50.7
17 19	......	....	50.0
17 41	30.01	51.0	49.5
18 7	......	....	48.9
18 48	30.000	49.6	48.0
19 29	30.00	48.9	47.0
1 46	30.025	68.3	69.0
5 2 50	30.01	70.1	72.0
10 39	29.965	67.7	66.1
11 2	......	....	65.1
11 26	29.96	65.4	64.1

Micrometer bisections are made at II, VI, except as noted below.

12. Bisections at II, VII.
19, 37. Bisections at VI, VII.
42. Bisections at II, III, IV, V, VI.
43. Bisections at I, II, VI, VII.
45. Bisections at I, II.
46. Bisection at VI.

Note.

29–37. Images poor at times.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
42	+45 51.5	−15 3.0	...	+30 48.5
43	+ 2.7	.. ....	0.0	+ 2.7
45	+ 3.3	−15 51.7	...	−15 48.4
46	+ 3.4	+15 51.7	...	+15 55.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Leonis................	9	43 59.48	+ 0.26	**+11.69**	336 7 52.68	44.802	+ 4.90	− 24.9	11 44 11.40	....	+15 6 24.6	....
	May 5, Ei.-Y.												
2	∂ Virginis................	9	50 36.03	+ 0.21	**+11.74**	324 55 53.55	47.020	+ 5.36	− 39.7	12 50 47.94	....	+ 3 55 1.6	....
3	ε Virginis................	9	57 13.83	+ 0.24	**+11.72**	332 29 51.45	45.028	+ 5.36	− 29.4	12 57 25.79	....	+11 28 24.3	....
4	B. D.− 5°3621........	9	59 4.07	+ 0.16	+11.72	314 51 51.80	47.930	+ 5.36	− 56.8	12 59 15.95	− 2.08	− 6 8 56.7	+10.2
5	B. D.−13°3651........	9	0 38.58	+ 0.13	+11.72	307 25 52.52	45.858	+ 5.36	−1 13.8	13 0 50.43	− 2.20	−13 36 0.0	+11.3
6	B. D.− 9°3636........	9	4 34.00	+ 0.15	+11.72	311 11 51.65	47.560	+ 5.36	−1 4.6	13 4 45.87	− 2.15	− 9 49 12.8	+10.5
7	B. D.−11°3457........	9	6 49.01	+ 0.14	+11.72	309 7 50.68	46.550	+ 5.36	−1 9.5	13 7 0.87	− 2.19	−11 53 41.8	+10.7
8	B. D.− 2°3659........	9	10 50.81	+ 0.18	+11.72	318 25 53.32	44.130	+ 5.36	− 50.2	13 11 2.71	− 2.06	− 2 36 15.1	+ 9.0
9	B. D.−10°3652........	9	14 31.04	+ 0.14	+11.72	309 51 52.08	44.980	+ 5.36	−1 7.7	13 14 42.90	− 2.20	−11 10 14.4	+10.1
10	B. D.−13°3692........	9	16 50.72	+ 0.13	+11.72	307 7 52.92	42.945	+ 5.36	−1 14.7	13 17 2.57	− 2.26	−13 55 7.1	+10.3
11	α Virginis................	9	19 58.45	+ 0.14	**+11.72**	310 21 51.18	46.188	+ 5.36	−1 6.5	13 20 10.31	....	−10 39 46.5	....
12	B. D.− 5°3702........	9	23 53.63	+ 0.17	+11.72	315 33 53.10	45.952	+ 5.36	− 55.5	13 24 5.52	− 2.14	− 5 27 39.0	+ 8.7
13	B. D.− 5°3714........	9	26 48.66	+ 0.17	+11.72	315 15 52.38	45.792	+ 5.36	− 56.1	13 27 0.55	− 2.15	− 5 45 44.0	+ 8.6
14	B. D.− 7°3643 (*mean*).	9	29 6.20	+ 0.15	+11.72	312 53 51.78	46.185	+ 5.36	−1 0.9	13 29 18.07	− 2.19	− 8 7 40.4	+ 8.8
15	B. D.− 8°3602........	9	33 7.04	+ 0.15	+11.72	312 25 52.15	44.540	+ 5.36	−1 2.0	13 33 18.91	− 2.21	− 8 36 18.7	+ 8.6
16	*m* Virginis................	9	36 24.73	+ 0.15	**+11.67**	312 47 52.38	47.298	+ 5.36	−1 1.1	13 36 36.60	....	− 8 13 14.6	....
17	B. D.− 6°3878........	9	39 45.23	+ 0.16	+11.72	313 51 51.95	47.200	+ 5.36	− 58.9	13 39 57.11	− 2.20	− 7 9 15.1	+ 8.0
18	B. D.−15°3739........	9	42 37.95	+ 0.12	+11.73	305 27 52.58	42.748	+ 5.36	−1 19.5	13 42 49.80	− 2.36	−15 35 16.7	+ 8.8
19	B. D.−12°3910........	8	45 47.62	+ 0.13	+11.73	307 49 51.42	45.085	+ 5.36	−1 12.9	13 45 59.48	− 2.32	−13 12 17.9	+ 8.4
20	B. D.−16°3760........	9	48 58.76	+ 0.11	+11.73	304 19 51.62	44.750	+ 5.36	−1 22.9	13 49 10.60	− 2.40	−16 42 35.3	+ 8.4
21	B. D.−11°3642........	9	53 8.39	+ 0.14	+11.73	309 25 51.82	47.338	+ 5.36	−1 8.9	13 53 20.26	− 2.31	−11 35 22.0	+ 7.7
22	B. D.− 7°3748........	9	54 51.38	+ 0.16	+11.73	313 19 51.70	45.880	+ 5.36	−1 0.1	13 55 3.27	− 2.24	− 7 41 46.7	+ 7.2
23	B. D.− 4°3614........	9	59 4.06	+ 0.17	+11.73	316 5 52.30	46.865	+ 5.36	− 54.6	13 59 15.96	− 2.21	− 4 55 18.1	+ 6.7
24	B. D.− 8°3697........	9	1 28.49	+ 0.15	+11.73	312 9 51.25	46.878	+ 5.36	−1 2.6	14 1 40.37	− 2.27	− 8 51 26.7	+ 6.9
25	B. D.−15°3817........	9	5 26.40	+ 0.12	+11.73	305 11 51.78	43.468	+ 5.36	−1 20.4	14 5 38.25	− 2.41	−15 51 1.9	+ 7.2
26	B. D.−11°3693........	9	8 24.07	+ 0.14	+11.73	309 37 50.95	47.245	+ 5.36	−1 8.4	14 8 35.94	− 2.33	−11 23 24.5	+ 6.7
27	B. D.− 8°3737........	9	11 33.46	+ 0.15	+11.73	312 35 51.35	44.348	+ 5.36	−1 1.7	14 11 45.34	− 2.28	− 8 26 23.9	+ 6.3
28	B. D.−14°3918........	9	12 42.63	+ 0.12	+11.73	306 33 51.02	45.682	+ 5.36	−1 16.4	14 12 54.48	− 2.39	−14 28 8.1	+ 6.6
29	B. D.−16°3843........	9	15 0.96	+ 0.11	+11.73	303 57 51.65	42.840	+ 5.36	−1 24.2	14 15 12.80	− 2.45	−17 5 20.3	+ 6.6
30	B. D.−15°3862........	9	18 32.36	+ 0.12	+11.73	305 21 50.82	46.128	+ 5.36	−1 19.9	14 18 44.21	− 2.43	−15 40 1.9	+ 6.3
31	B. D.−19°3880........	9	19 58.81	+ 0.10	+11.73	301 29 51.55	46.092	+ 5.36	−1 32.4	14 20 10.64	− 2.51	−19 32 14.3	+ 6.4
32	B. D.− 6°4009........	9	23 28.22	+ 0.16	+11.73	314 33 51.55	44.560	+ 5.36	− 57.7	14 23 40.11	− 2.27	− 6 28 14.6	+ 5.5
33	B. D.−17°4110........	9	26 52.72	+ 0.11	+11.73	303 35 52.02	42.512	+ 5.36	−1 25.4	14 27 4.56	− 2.47	−17 27 28.6	+ 5.7
34	B. D.−13°3931........	9	30 55.41	+ 0.13	+11.73	307 25 52.05	44.255	+ 5.36	−1 14.2	14 31 7.27	− 2.40	−13 36 37.5	+ 5.3
35	B. D.−14°4006........	9	35 27.84	+ 0.12	+11.73	306 7 52.30	44.660	+ 5.36	−1 17.8	14 35 39.69	− 2.43	−14 54 31.6	+ 5.1
36	B. D.−17°4172........	9	40 21.80	+ 0.11	+11.73	303 45 51.40	42.165	+ 5.36	−1 25.0	14 40 33.64	− 2.48	−17 17 36.7	+ 4.8
37	B. D.−10°3967........	9	43 50.10	+ 0.14	+11.73	310 35 52.28	46.235	+ 5.36	−1 6.3	14 44 1.97	− 2.35	−10 25 44.2	+ 4.4
38	B. D.−17°4200........	9	46 18.69	+ 0.11	+11.73	303 3 51.22	47.412	+ 5.36	−1 27.2	14 46 30.53	− 2.50	−17 57 39.2	+ 4.3
39	C. P. D.−24°5398......	9	48 36.29	+ 0.07	+11.73	296 47 51.18	44.865	+ 5.36	−1 52.2	14 48 48.09	− 2.65	−24 15 2.4	+ 4.1
40	43 B. Libræ................	9	51 42.24	+ 0.09	+11.73	300 3 51.70	44.270	+ 5.36	−1 38.1	14 51 54.06	....	−20 59 1.4	....
41	B. D.−14°4082........	9	53 23.99	+ 0.12	+11.73	305 59 51.28	43.055	+ 5.36	−1 18.3	14 53 35.84	− 2.44	−15 3 9.8	+ 3.8
42	B. D.−12°4192........	9	57 43.12	+ 0.14	+11.73	308 31 51.38	48.800	+ 5.36	−1 11.4	14 57 54.99	− 2.39	−12 28 51.5	+ 3.5
43	B. D.−18°3972........	9	0 38.28	+ 0.10	+11.73	302 1 51.58	45.785	+ 5.36	−1 30.8	15 0 50.11	− 2.52	−19 0 19.6	+ 3.3
44	B. D.−22°3904........	9	3 9.44	+ 0.08	+11.73	298 19 51.42	47.445	+ 5.36	−1 45.2	15 3 21.25	− 2.61	−22 41 56.2	+ 3.0
45	ι Libræ................	9	6 35.54	+ 0.10	**+11.73**	301 35 51.85	47.342	+ 5.36	−1 32.3	15 6 47.37	....	−19 25 45.3	....
46	β Libræ................	9	11 40.87	+ 0.15	**+11.71**	311 59 51.42	46.032	+ 5.36	−1 3.2	15 11 52.75	....	− 9 1 46.6	....
47	β¹ Scorpii................	9	59 41.86	+ 0.12	**+11.69**	301 29 51.45	45.275	+ 5.36	−1 33.0	15 59 53.72	....	−19 32 33.6	....
48	ν Scorpii (*mean*)........	9	6 15.51	+ 0.12	**+11.66**	301 49 52.30	44.908	+ 5.36	−1 31.8	16 6 27.37	....	−19 12 39.9	....
49	B. D.−21°4305........	9	7 52.33	+ 0.11	+11.74	299 53 50.92	43.700	+ 5.36	−1 39.1	16 8 4.18	− 2.50	−21 9 16.2	− 1.9
50	B. D.−14°4383........	9	10 16.78	+ 0.14	+11.74	306 25 52.48	44.695	+ 5.36	−1 17.3	16 10 28.66	− 2.37	−14 36 30.1	− 1.3
51	B. D.−14°4398........	9	13 25.57	+ 0.14	+11.74	306 23 52.12	45.175	+ 5.36	−1 17.4	16 13 37.45	− 2.36	−14 38 19.6	− 1.5
52	B. D.−22°4159........	9	16 58.10	+ 0.10	+11.74	298 9 50.78	43.478	+ 5.36	−1 46.4	16 17 9.94	− 2.52	−22 53 28.7	− 2.7
53	C. P. D.−25°5794......	9	21 5.78	+ 0.08	+11.74	294 59 51.15	47.058	+ 5.36	−2 1.8	16 21 17.60	− 2.58	−26 2 21.9	− 3.4
54	C. P. D.−27°5408......	9	24 9.29	+ 0.07	+11.74	293 19 50.22	47.760	+ 5.36	−2 11.6	16 24 21.10	− 2.62	−27 42 16.6	− 3.9
55	B. D.−21°4381........	9	26 17.27	+ 0.11	+11.74	299 47 52.85	42.740	+ 5.36	−1 39.6	16 26 29.12	− 2.46	−21 15 36.7	− 3.2
56	C. P. D.−25°5815......	9	29 51.90	+ 0.08	+11.74	295 51 51.58	45.478	+ 5.36	−1 57.3	16 30 3.72	− 2.54	−25 10 53.1	− 4.0
57	B. D.−18°4302........	9	32 49.70	+ 0.12	+11.74	302 23 50.50	46.830	+ 5.36	−1 29.8	16 33 1.56	− 2.39	−18 37 55.8	− 3.2
58	B. D.−19°4406........	9	36 5.62	+ 0.12	+11.74	301 17 51.90	45.772	+ 5.36	−1 33.8	16 36 17.48	− 2.40	−19 44 22.5	− 3.6
59	B. D.−18°4320........	9	39 43.81	+ 0.12	+11.74	302 3 51.35	47.908	+ 5.36	−1 31.1	16 39 55.67	− 2.38	−18 57 31.6	− 3.7
60	B. D.−15°4395........	9	43 49.11	+ 0.14	+11.74	305 31 51.90	46.280	+ 5.36	−1 20.0	16 44 0.99	− 2.30	−15 29 57.2	− 3.4

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
5 11 47	29.96	65.0	63.8	1. Bisections at VI, VII.					
12 48	29.95	62.9	61.3	4. 27. 30. Bisections at I, II.					
13 16	......	....	60.6	15, 24, 25, 58. Bisections at II, VII.					
13 37	29.945	61.4	60.0						
14 0	......	....	59.3						
14 25	29.945	60.0	58.8						
14 50	......	....	58.0						
15 13	29.955	59.0	57.5						
16 1	29.95	58.0	56.4	Note.					
16 28	......	....	55.8	40. Image poor.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D.−25°5875	9	46 13.16	+ 0.08	+11.74	295 35 50.72	47.412	+ 5.36	−1 58.8	16 46 24.98	− 2.49	−25 26 11.3	− 5.2
2	B. D.−21°4449	9	49 39.69	+ 0.11	+11.74	299 37 52.38	44.995	+ 5.36	−1 40.4	16 49 51.54	− 2.39	−21 24 46.5	− 4.8
3	B. D.−15°4420	9	53 18.68	+ 0.14	+11.74	305 21 51.05	46.928	+ 5.36	−1 20.5	16 53 30.56	− 2.28	−15 39 43.7	− 4.0
4	B. D.−17°4685	9	55 28.31	+ 0.13	+11.74	303 49 50.52	46.172	+ 5.36	−1 25.3	16 55 40.18	− 2.30	−17 12 6.3	− 4.4
5	C. P. D.−25°5924	9	58 39.74	+ 0.08	+11.74	295 31 51.02	46.818	+ 5.36	−1 59.3	16 58 51.56	− 2.45	−25 30 25.0	− 6.1
6	C. P. D.−23°6495	9	2 35.93	+ 0.10	+11.74	297 55 51.75	47.590	+ 5.36	−1 47.6	17 2 47.77	− 2.38	−23 5 55.0	− 5.9
7	C. P. D.−27°5594	9	6 14.94	+ 0.07	+11.74	293 23 50.92	47.110	+ 5.36	−2 11.6	17 6 26.75	− 2.46	−27 38 30.8	− 7.0
8	C. P. D.−26°5857	9	9 6.24	+ 0.08	+11.74	294 37 51.32	45.190	+ 5.36	−2 4.4	17 9 18.06	− 2.43	−26 25 7.1	− 7.0
9	C. P.D.−24°5859(*south*)	9	11 59.91	+ 0.09	+11.74	296 51 51.78	45.400	+ 5.36	−1 52.7	17 12 11.74	− 2.36	−24 10 50.1	− 6.7
10	B. D.−19°4605	9	14 46.46	+ 0.12	+11.74	301 47 51.90	47.185	+ 5.36	−1 32.2	17 14 58.32	− 2.26	−19 13 48.7	− 5.9
11	C. P. D.−28°5626	9	17 9.58	+ 0.07	+11.74	292 59 51.38	46.252	+ 5.36	−2 14.2	17 17 21.39	− 2.43	−28 2 52.5	− 7.8
12	*b* Ophiuchi	9	20 20.89	+ 0.09	+11.74	296 57 51.90	44.692	+ 5.36	−1 52.3	17 20 32.72	.....	−24 5 5.8	....
13	B. D.−19°4644	9	23 54.21	+ 0.12	+11.74	301 37 52.40	47.615	+ 5.36	−1 32.9	17 24 6.07	− 2.23	−19 23 39.1	− 6.4
14	B. D.−21°4659	9	29 22.37	+ 0.10	+11.74	299 3 51.68	45.522	+ 5.36	−1 42.9	17 29 34.21	− 2.25	−21 58 37.6	− 7.3
15	B. D.−21°4682	8	32 49.14	+ 0.10	+11.74	299 11 51.65	43.908	+ 5.36	−1 42.4	17 33 0.98	− 2.23	−21 51 14.1	− 7.5
16	C. P. D.−26°5932	9	35 56.09	+ 0.08	+11.74	294 13 51.48	49.215	+ 5.36	−2 6.7	17 36 7.91	− 2.31	−26 47 37.2	− 8.8
17	B. D.−20°4865	9	39 48.58	+ 0.11	+11.74	300 51 51.68	47.645	+ 5.36	−1 35.7	17 40 0.43	− 2.17	−20 9 41.9	− 7.5
18	C. P. D.−29°4905	9	43 11.67	+ 0.06	+11.74	291 45 51.42	46.802	+ 5.36	−2 22.7	17 43 23.47	− 2.32	−29 16 48.4	− 9.8
19	C. P. D.−28°5928	9	45 38.31	+ 0.07	+11.74	292 27 50.85	44.535	+ 5.36	−2 17.9	17 45 50.12	− 2.30	−28 35 36.0	− 9.8
20	B. D.−17°4946	9	48 13.92	+ 0.13	+11.74	303 37 51.72	48.105	+ 5.36	−1 26.1	17 48 25.79	− 2.09	−17 23 21.7	− 7.2
21	C. P. D.−23°6682	9	51 5.84	+ 0.09	+11.74	297 7 52.58	43.885	+ 5.36	−1 51.6	17 51 17.67	− 2.18	−23 55 22.8	− 9.0
22	B. D.−20°4940	9	54 7.68	+ 0.11	+11.74	300 41 51.58	47.442	+ 5.36	−1 36.4	17 54 19.53	− 2.10	−20 19 47.3	− 8.3
23	B. D.−21°4826	9	56 43.81	+ 0.11	+11.75	299 31 51.82	46.222	+ 5.36	−1 41.0	17 56 55.67	− 2.11	−21 30 19.6	− 8.6
24	C. P. D.−29°5230	9	58 43.64	+ 0.06	+11.75	291 27 51.72	46.627	+ 5.36	−2 24.9	17 58 55.45	− 2.24	−29 34 54.2	−10.8
25	B. D.−17°5028	9	2 4.50	+ 0.13	+11.75	303 51 51.80	46.633	+ 5.36	−1 25.4	18 2 16.38	− 2.02	−17 9 54.5	− 7.8
26	B. D.−18°4824	9	5 14.75	+ 0.12	+11.75	302 27 52.18	47.045	+ 5.36	−1 30.0	18 5 26.62	− 2.02	−18 33 49.3	− 8.3
27	B. D.−21°4916	9	8 20.13	+ 0.10	+11.75	299 17 51.95	46.665	+ 5.36	−1 42.0	18 8 31.98	− 2.05	−21 44 10.3	− 9.5
28	B. D.−20°5068	9	10 42.37	+ 0.11	+11.75	300 27 52.15	45.830	+ 5.36	−1 37.3	18 10 54.23	− 2.02	−20 34 24.5	− 9.1
29	C. P. D.−25°6460	9	12 35.59	+ 0.08	+11.75	295 23 50.55	47.278	+ 5.36	−2 0.3	18 12 47.42	− 2.08	−25 38 16.0	−10.5
30	C. P. D.−24°6302	9	15 27.04	+ 0.09	+11.75	296 3 51.80	49.505	+ 5.36	−1 56.7	18 15 38.88	− 2.06	−24 57 20.3	−10.5
31	C. P. D.−29°5565	9	21 31.54	+ 0.06	+11.75	291 9 51.30	48.295	+ 5.36	−2 27.1	18 21 43.35	− 2.10	−29 52 18.7	−12.1
32	B. D.−21°5025	9	23 57.43	+ 0.11	+11.75	300 1 52.35	45.145	+ 5.36	−1 39.1	18 24 9.29	− 1.96	−21 0 41.8	− 9.8
33	C. P. D.−25°6564	9	27 39.58	+ 0.08	+11.75	295 31 50.72	45.305	+ 5.36	−1 59.7	18 27 51.41	− 2.00	−25 31 0.3	−11.2
34	3 H. Scuti	9	29 48.86	+ 0.18	**+11.76**	312 41 52.55	49.135	+ 5.36	−1 2.2	18 30 0.79	.....	− 8 18 33.5	....
35	4 H. Scuti	9	36 50.97	+ 0.17	**+11.74**	311 53 51.28	44.020	+ 5.36	−1 4.0	18 37 2.89	.....	− 9 8 33.5	....
	May 5, Br.												
36	Moon II, N	9	21 43.54	+ 0.19	+11.62	305 13 53.18	44.478	+ 5.11	−1 21.4	20 21 55.35	−64.05	−15 48 38.7	....
37	Venus I, C	9	49 2.27	+ 0.30	+11.65	330 45 52.52	43.310	+ 5.57	− 30.9	1 49 14.22	+ 0.31	+ 9 43 44.8	....
38	Venus II	9	49 2.92	+ 0.30	+11.65	... .	......	....	. ....	1 49 14.87	− 0.34	.. ..	....
	May 6, Br.												
39	Sun I, S	9	51 41.18	+ 0.34	+11.66	337 17 52.28	46.665	+ 5.55	− 23.0	2 51 53.18	+66.40	+16 17 9.1	....
40	Sun II, N	9	53 53.98	+ 0.34	+11.66	337 49 52.42	46.058	+ 5.55	− 22.4	2 54 5.98	−66.40	+16 48 55.9	....
	May 7, M.												
41	*l* Leonis	9	44 1.95	+ 0.25	**+11.88**	332 3 51.40	46.605	+ 6.78	− 29.6	10 44 14.09	.....	+11 3 1.5	....
42	54 Leonis	9	50 14.09	+ 0.32	+11.89	346 17 53.12	42.168	+ 6.78	− 13.6	10 50 26.30	− 1.26	+25 15 37.8	+ 5.8
43	36 H. Cephei s. P.	7	55 2.53	− 2.57	+11.89	57 9 56.10	44.502	+ 6.78	+1 26.9	22 55 11.85	− 0.34	+83 49 45.2	+10.1
44	χ Hydræ	8	0 32.16	+ 0.06	+11.89	294 15 50.15	45.742	+ 6.78	−2 3.4	11 0 44.11	− 1.80	−26 46 53.2	+21.1
45	π Cephei s. P.	9	4 40.01	− 0.96	+11.89	66 7 56.02	42.405	+ 6.78	+2 6.5	23 4 50.94	.....	+74 51 53.6	....
46	*n* Leonis	9	10 39.87	+ 0.27	+11.89	334 51 53.50	42.988	+ 6.78	− 26.3	11 10 52.03	− 1.42	+13 49 44.2	+ 9.1
47	σ Leonis	9	16 0.59	+ 0.23	**+11.92**	327 33 51.55	47.215	+ 6.78	− 35.6	11 16 12.71	.....	+ 6 33 9.6	....
48	τ Leonis	9	22 49.48	+ 0.22	**+11.92**	324 23 51.12	46.720	+ 6.78	− 40.1	11 23 1.59	.....	+ 3 22 53.4	....
49	υ Leonis	9	31 51.60	+ 0.20	**+11.87**	320 43 49.75	45.130	+ 6.78	− 45.8	11 32 3.69	.....	− 0 17 50.1	....
	May 7, Ei.-Y.												
50	B. D.−6°3583	9	24 58.53	+ 0.17	+11.95	314 33 51.25	45.700	+ 6.82	− 57.0	12 25 10.65	− 1.95	− 6 27 46.7	+12.0
51	γ Virginis (*pr.*)	5	36 37.39	+ 0.19	+11.95	320 5 51.45	46.040	+ 6.82	− 47.0	12 36 49.53	.....	− 0 55 29.0	....
52	γ Virginis (*fol.*)	5	36 37.59	+ 0.19	+11.95	320 5 51.45	45.790	+ 6.82	− 47.0	12 36 49.73	.....	− 0 55 34.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 16 51	29.945	57.5	55.0
17 19	......	....	53.8
17 41	29.94	55.5	53.5
18 7	......	....	53.4
18 38	29.945	54.9	53.1
20 22	29.965	53.9	52.8
1 49	30.02	73.6	75.0
6 2 54	30.10	75.6	77.2
7 10 42	29.86	66.6	65.2
11 9	......	....	64.3
11 34	29.87	65.2	63.7
12 22	29.87	64.1	62.9

Micrometer bisections are made at II, VI, except as noted below.

10, 14, 31. Bisections at II, VII.
20, 37. Bisections at I, II, VI, VII.
24–26. Bisections at II, VI, VII.
36. Bisections at II, III, IV, V, VI.
39. Bisections at I, II.
40, 52. Bisections at VI, VII.
43. Bisections at b_1, b_2, b_5, b_8.
45. Bisections at III, IV, V.
51. Bisection at I.

Notes.

20–24. Images poor.
41, 43. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
36	+44 27.7	−14 55.2	...	+29 32.5
37	+ 2.6	.. ....	0.0	+ 2.6
39	+ 3.3	+15 53.4	...	+15 56.7
40	+ 3.2	−15 53.3	...	−15 50.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −11°3366........	9	42 32.89	+ 0.14	+11.95	308 57 51.25	47.138	+ 6.82	−1 9.4	12 42 44.98	− 2.10	−12 3 26.2	+12.2
2	B. D. −10°3570........	9	49 8.72	+ 0.15	+11.95	309 53 50.80	45.965	+ 6.82	−1 7.2	12 49 20.82	− 2.11	−11 7 51.5	+11.6
3	δ Virginis...............	9	50 35.82	+ 0.22	**+11.93**	324 55 52.60	46.985	+ 6.82	− 39.5	12 50 47.99	....	+ 3 55 1.5	....
4	B. D. −11°3418........	9	57 1.54	+ 0.15	+11.95	309 25 51.25	46.208	+ 6.82	−1 8.3	12 57 13.64	− 2.15	−11 35 46.4	+11.2
5	B. D. + 1°2786........	9	59 40.18	+ 0.20	+11.95	321 49 51.50	46.242	+ 6.82	− 44.2	12 59 52.33	− 1.98	+ 0 48 38.7	+ 8.8
6	B. D. − 9°3617........	9	0 30.49	+ 0.15	+11.95	311 1 52.08	46.972	+ 6.82	−1 4.6	13 0 42.59	− 2.13	− 9 59 24.4	+10.7
7	B. D. − 8°3491........	9	3 22.11	+ 0.16	+11.95	312 33 51.30	44.345	+ 6.82	−1 1.2	13 3 34.22	− 2.12	− 8 28 22.0	+10.3
8	θ Virginis...............	9	4 48.68	+ 0.18	**+11.93**	315 59 51.95	45.648	+ 6.82	− 54.3	13 5 0.81	....	− 5 1 44.5	....
9	B. D. −15°3613........	9	6 47.11	+ 0.13	+11.95	305 19 50.90	48.665	+ 6.82	−1 19.2	13 6 59.19	− 2.26	−15 41 1.4	+11.3
10	B. D. −10°3635........	9	9 44.28	+ 0.15	+11.95	310 9 49.88	47.310	+ 6.82	−1 6.6	13 9 56.38	− 2.18	−10 51 20.8	+10.3
11	B. D. + 0°3040........	9	12 24.83	+ 0.20	+11.95	320 51 50.45	43.828	+ 6.82	− 45.8	13 12 36.98	− 2.03	− 0 10 19.1	+ 8.4
12	B. D. − 9°3669........	9	16 0.61	+ 0.16	+11.95	311 31 50.42	45.518	+ 6.82	−1 3.5	13 16 12.72	− 2.18	− 9 29 58.2	+ 9.8
13	B. D. − 4°3472........	9	19 23.29	+ 0.18	+11.95	316 21 50.58	45.325	+ 6.82	− 53.7	13 19 35.42	− 2.11	− 4 39 52.6	+ 8.8
14	B. D. − 8°3562........	8	23 15.71	+ 0.16	+11.95	311 45 49.38	48.210	+ 6.82	−1 3.0	13 23 27.82	− 2.19	− 9 14 57.2	+ 9.3
15	B. D. − 2°3695........	9	25 44.01	+ 0.19	+11.95	318 27 52.18	46.270	+ 6.82	− 49.9	13 25 56.15	− 2.10	− 2 33 25.6	+ 8.1
16	B. D. − 6°3839........	9	28 13.63	+ 0.17	+11.95	313 53 52.00	45.388	+ 6.82	− 58.5	13 28 25.75	− 2.17	− 7 7 54.5	+ 8.7
17	B. D. −13°3737........	9	32 43.24	+ 0.13	+11.95	306 55 50.15	45.040	+ 6.82	−1 14.8	13 32 55.32	− 2.30	−14 6 20.6	+ 9.4
18	B. D. − 5°3747........	9	35 52.67	+ 0.17	+11.95	315 9 50.90	44.570	+ 6 82	− 56.0	13 36 4.79	− 2.18	− 5 52 11.8	+ 8.1
19	B. D. −13°3761........	9	39 25.99	+ 0.14	+11.95	307 17 51.08	44.740	+ 6.82	−1 13.9	13 39 38.08	− 2.32	−13 44 25.6	+ 8.8
20	B. D. − 5°3762........	9	42 14.38	+ 0.17	+11.95	314 47 51.90	46.012	+ 6.82	− 56.7	13 42 26.50	− 2.20	− 6 13 38.6	+ 7.8
21	B. D. − 7°3712........	9	45 38.17	+ 0.17	+11.95	313 43 51.32	43.642	+ 6.82	− 58.9	13 45 50.29	− 2.22	− 7 18 35.5	+ 7.7
22	B. D. −13°3786........	9	48 31.34	+ 0.13	+11.95	306 51 50.02	41.805	+ 6.82	−1 15.1	13 48 43.42	− 2.35	−14 11 35.0	+ 8.3
23	B. D. −16°3773........	9	53 6.27	+ 0.12	+11.95	303 53 50.85	42.072	+ 6.82	−1 23.8	13 53 18.34	− 2.42	−17 9 36.7	+ 8.3
24	B. D. −12°3933........	9	54 48.18	+ 0.14	+11.95	308 1 51.60	45.258	+ 6.82	−1 12.0	13 55 0.27	− 2.34	−13 0 11.4	+ 7.8
25	B. D. −11°3659........	9	58 53.79	+ 0.15	+11.95	309 21 49.85	45.105	+ 6.82	−1 8.6	13 59 5.89	− 2.32	−11 40 13.3	+ 7.4
26	B. D. −13°3824........	9	1 20.46	+ 0.14	+11.95	307 15 51.85	48.740	+ 6.82	−1 14.0	14 1 32.55	− 2.37	−13 44 53.6	+ 7.4
27	B. D. − 9°3865........	9	3 43.77	+ 0.16	+11.95	311 7 51.35	48.312	+ 6.82	−1 4.5	14 3 55.88	− 2.30	− 9 52 54.4	+ 6.9
28	B. D. − 7°3794........	9	8 3.84	+ 0.16	+11.95	313 1 51.62	45.825	+ 6.82	−1 0.4	14 8 15.95	− 2.28	− 7 59 46.8	+ 6.5
29	B. D. − 5°3845........	9	11 8.78	+ 0.17	+11.95	314 51 50.72	43.530	+ 6.82	− 56.7	14 11 20.90	− 2.25	− 6 10 36.5	+ 6.1
30	B. D. − 6°3964........	9	12 44.96	+ 0.17	+11.95	313 55 52.08	46.152	+ 6.82	− 58.5	14 12 57.08	− 2.27	− 7 5 37.0	+ 6.1
31	B. D. − 8°3761........	9	16 31.22	+ 0.16	+11.95	312 47 51.85	44.955	+ 6.82	−1 0.9	14 16 43.33	− 2.30	− 8 14 7.0	+ 6.0
32	B. D. −12°4042........	9	19 55.73	+ 0.14	+11.95	308 5 51.55	47.780	+ 6.82	−1 11.8	14 20 7.82	− 2.38	−12 55 13.6	+ 6.1
33	B. D. − 9°3945........	9	23 14.36	+ 0.16	+11.95	311 27 50.45	44.058	+ 6.82	−1 3.8	14 23 26.47	− 2.33	− 9 34 31.8	+ 5.6
34	B. D. −15°3892........	9	26 30.14	+ 0.13	+11.95	305 5 51.10	45.340	+ 6.82	−1 20.1	14 26 42.22	− 2.45	−15 56 18.1	+ 5.8
35	B. D. − 7°3874........	9	30 31.76	+ 0.16	+11.96	312 51 51.42	46.835	+ 6.82	−1 0.7	14 30 43.88	− 2.31	− 8 9 24.2	+ 5.1
36	B. D. −21°3946........	9	35 28.67	+ 0.09	+11.96	298 49 50.32	45.902	+ 6.82	−1 42.1	14 35 40.72	− 2.60	−22 12 28.0	+ 5.4
37	μ Virginis...............	9	37 50.19	+ 0.18	**+11.93**	315 47 51.62	43.632	+ 6.82	− 54.9	14 38 2.33	....	− 5 14 31.5	....
38	B. D. −16°3934........	9	40 6.52	+ 0.12	+11.96	304 41 51.45	45.212	+ 6.82	−1 21.3	14 40 18.60	− 2.47	−16 20 21.9	+ 4.8
39	B. D. −12°4134........	9	42 30.87	+ 0.14	+11.96	308 35 50.35	45.150	+ 6.82	−1 10.6	14 42 42.97	− 2.40	−12 26 14.0	+ 4.5
40	μ Libræ (*brighter*).......	9	43 53.53	+ 0.14	+11.96	307 17 51.28	43 142	+ 6.82	−1 14.0	14 44 5.63	− 2.42	−13 45 2.1	+ 4.5
41	B. D. −17°4196........	8	46 3.09	+ 0.12	+11.96	303 39 49.45	42.355	+ 6.82	−1 24.6	14 46 15.17	− 2.50	−17 23 32.4	+ 4.4
42	B. D. − 8°3855........	9	48 32.83	+ 0.16	+11.96	312 19 50.58	46.202	+ 6.82	−1 1.9	14 48 44.95	− 2.34	− 8 41 40.8	+ 4.1
43	ξ^2 Libræ...............	9	51 23.74	+ 0.15	**+11.94**	309 59 51.28	47.122	+ 6.82	−1 7.2	14 51 35.85	....	−11 1 24.6	....
44	B. D. −16°3972........	9	52 33.46	+ 0.12	+11.96	304 3 51.12	44.215	+ 6.82	−1 23.3	14 52 45.54	− 2.50	−16 58 47.0	+ 4.0
45	B. D. −14°4085........	9	54 45.49	+ 0.13	+11.96	306 41 51.38	43.740	+ 6.82	−1 15.6	14 54 57.58	− 2.44	−14 20 49.9	+ 3.8
46	γ Scorpii...............	9	58 17.64	+ 0.08	+11.96	296 7 51.15	46.710	+ 6.82	−1 54.4	14 58 29.68	....	−24 54 21.0	....
47	B. D. −15°4026........	9	1 6.58	+ 0.13	+11.96	305 9 49.60	43.202	+ 6.82	−1 20.0	15 1 18.67	− 2.48	−15 53 8.4	+ 3.3
48	C. P. D. −25°5557......	9	4 28.44	+ 0.07	+11.96	295 5 51.15	42.445	+ 6.82	−2 0.0	15 4 40.47	− 2.72	−25 58 4.1	+ 2.9
49	ι Libræ...............	9	6 35.29	+ 0.10	**+11.99**	301 35 51.50	47.225	+ 6.82	−1 31.5	15 6 47.35	....	−19 25 46.0	....
50	β Libræ...............	9	11 40.63	+ 0.16	**+11.96**	311 59 49.75	45.962	+ 6.82	−1 2.7	15 11 52.75	....	− 9 1 47.9	....
51	β^1 Scorpii...............	9	59 41.60	+ 0.12	**+11.98**	301 29 49.35	45.280	+ 6.04	−1 32.0	15 59 53.68	....	−19 32 33.9	....
52	ν Scorpii (*mean*).......	9	6 15.24	+ 0.12	**+11.96**	301 49 50.90	44.880	+ 6.04	−1 30.8	16 6 27.32	....	−19 12 40.3	....
53	C. P. D. −26°5622......	9	9 16.60	+ 0.08	+11.96	294 5 51.65	43.265	+ 6.04	−2 5.7	16 9 28.64	− 2.67	−26 57 51.3	− 2.5
54	B. D. −19°4357........	9	13 20.75	+ 0.12	+11.96	301 3 51.32	44.095	+ 6.04	−1 33.6	16 13 32.83	− 2.50	−19 59 0.6	− 2.0
55	C. P. D. −26°5627......	9	15 14.71	+ 0.08	+11.96	294 3 50.62	42.758	+ 6.04	−2 5.9	16 15 26.75	− 2.66	−27 0 4.2	− 3.0
56	B. D. −19°4368........	9	19 40.22	+ 0.12	+11.96	301 25 51.22	44.272	+ 6.04	−1 32.2	16 19 52.30	− 2.48	−19 36 55.3	− 2.4
57	B. D. −18°4287........	9	23 58.38	+ 0.12	+11.96	302 33 51.68	47.140	+ 6.04	−1 28.2	16 24 10.46	− 2.44	−18 27 45.3	− 2.6
58	B. D. −17°4591........	9	25 56.48	+ 0.13	+11.96	303 31 50.75	45.585	+ 6.04	−1 25.1	16 26 8.57	− 2.42	−17 30 18.6	− 2.6
59	B. D. −18°4295........	9	29 45.48	+ 0.12	+11.96	302 33 51.48	45.475	+ 6.04	−1 28.3	16 29 57.56	− 2.43	−18 28 23.6	− 2.9
60	B. D. −17°4606........	9	32 44.84	+ 0.13	+11.96	302 59 51.20	47.472	+ 6.04	−1 26.8	16 32 56.93	− 2.41	−18 1 36.8	− 3.1
61	B. D. −16°4327........	9	35 52.87	+ 0.13	+11.96	304 17 53.02	44.100	+ 6.04	−1 22.7	16 36 4.96	− 2.38	−16 44 47.8	− 3.1
62	B. D. −22°4205........	9	39 12.59	+ 0.10	+11.96	298 1 52.00	46.600	+ 6.04	−1 45.8	16 39 24.65	− 2.50	−23 0 14.9	− 4.2
63	18 Ophiuchi...............	9	43 44.18	+ 0.09	+11.97	296 33 51.70	46.910	+ 6.04	−1 52.5	16 43 56.24	− 2.52	−24 28 14.8	− 4.8
64	B. D. −18°4336........	9	45 23.17	+ 0.12	+11.97	301 59 50.12	48.608	+ 6.04	−1 30.2	16 45 35.26	− 2.40	−19 1 15.2	− 4.0

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	″
7 12 52	.....	....	62.5	2, 7, 39, 43. Bisections at I, II.					
13 20	29.87	63.1	61.9	41, 61, 64. Bisections at II, VII.					
13 50	.....	....	61.6	Notes.					
14 18	29.86	62.2	61.0	7. Micrometer reading decreased 1 rev.					
14 49	.....	....	60.7	7–9. Unsteady.					
15 13	29.85	61.5	60.3	49, 50. Two microscopes used.					
15 57	29.84	61.1	59.8	52–57. Images poor and unsteady.					
16 25	.....	....	59.3						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D. −24°5768	9	48 56.98	+ 0.09	+11.97	296 41 51.92	44.872	+ 6.04	−1 52.0	16 49 9.04	− 2.50	−24 21 0.6	− 5.1
2	B. D. −19°4474	9	52 4.61	+ 0.12	+11.97	301 23 50.42	45.650	+ 6.04	−1 32.4	16 52 16.70	− 2.39	−19 38 24.7	− 4.6
3	B. D. −20°4606	9	55 24.26	+ 0.11	+11.97	300 43 50.90	47.950	+ 6.04	−1 34.8	16 55 36.34	− 2.39	−20 17 34.1	− 4.9
4	C. P. D. −28°5517	9	58 15.21	+ 0.07	+11.97	292 35 51.85	47.700	+ 6.04	−2 14.8	16 58 27.25	− 2.56	−28 26 18.9	− 6.5
5	B. D. −17°4717	9	2 30.56	+ 0.13	+11.97	303 31 51.42	49.438	+ 6.04	−1 25.1	17 2 42.66	− 2.32	−17 28 49.9	− 4.8
6	C. P. D. −25°5954	9	6 10.06	+ 0.09	+11.97	295 53 50.30	47.552	+ 6.04	−1 55.8	17 6 22.12	− 2.45	−25 8 4.8	− 6.4
7	*A* Ophiuchi (*south*)	5	9 16.98	+ 0.08	+11.97	294 35 51.20	43.760	+ 6.04	−2 2.9	17 9 29.03	.....	−26 27 37.9	....
8	*A* Ophiuchi (*north*)	5	9 17.12	+ 0.08	+11.97	294 35 51.20	43.972	+ 6.04	−2 2.9	17 9 29.17	.....	−26 27 32.5	....
9	C. P. D. −29°5649	9	14 12.24	+ 0.07	+11.97	291 45 52.32	49.302	+ 6.04	−2 20.4	17 14 24.28	− 2.52	−29 15 47.3	− 7.8
10	B. D. −20°4750	8	17 5.38	+ 0.12	+11.97	300 53 51.08	48.782	+ 6.04	−1 34.2	17 17 17.47	− 2.31	−20 7 14.3	− 6.2
11	C. P. D. −27°5650	9	19 55.12	+ 0.08	+11.97	293 31 51.35	46.618	+ 6.04	−2 9.1	17 20 7.17	− 2.45	−27 30 38.4	− 7.8
12	B. D. −16°4526	9	23 35.78	+ 0.14	+11.97	304 29 51.48	49.735	+ 6.04	−1 22.1	17 23 47.89	− 2.23	−16 30 40.1	− 5.8
13	B. D. −20°4790	9	27 32.72	+ 0.11	+11.97	300 19 51.02	45.745	+ 6.04	−1 36.4	17 27 44.80	− 2.28	−20 42 26.0	− 6.9
14	C. P. D. −28°5741	9	32 47.48	+ 0.07	+11.97	292 41 51.38	45.562	+ 6.04	−2 14.4	17 32 59.52	− 2.41	−28 21 7.8	− 8.8
15	B. D. −19°4683	8	35 27.95	+ 0.12	+11.97	301 37 51.50	46.020	+ 6.04	−1 31.6	17 35 40.04	− 2.22	−19 24 14.5	− 7.1
16	B. D. −22°4407	9	39 5.91	+ 0.10	+11.97	298 11 50.92	45.432	+ 6.04	−1 45.2	17 39 17.98	− 2.27	−22 50 42.1	− 8.0
17	C. P. D. −30°4919	9	42 56.51	+ 0.06	+11.97	290 29 51.48	44.770	+ 6.04	−2 30.2	17 43 8.54	− 2.40	−30 33 41.3	−10.0
18	B. D. −22°4436	9	45 8.33	+ 0.10	+11.97	298 9 51.60	43.718	+ 6.04	−1 45.4	17 45 20.40	− 2.24	−22 53 20.7	− 8.4
19	C. P. D. −27°5845	9	47 23.18	+ 0.08	+11.97	293 45 50.98	49.575	+ 6.04	−2 7.7	17 47 35.23	− 2.31	−27 15 29.8	− 9.5
20	C. P. D. −23°6680	9	50 29.23	+ 0.10	+11.97	297 39 50.62	46.485	+ 6.04	−1 47.6	17 50 41.30	− 2.22	−23 22 20.7	− 8.8
21	C. P. D. −29°5112	9	53 56.62	+ 0.06	+11.97	291 9 49.65	46.508	+ 6.04	−2 25.0	17 54 8.65	− 2.33	−29 52 58.5	−10.5
22	B. D. −20°4952	9	56 43.72	+ 0.11	+11.97	300 17 51.30	46.728	+ 6.04	−1 36.5	17 56 55.80	− 2.15	−20 44 3.6	− 8.5
23	B. D. −22°4533	9	57 56.83	+ 0.10	+11.97	298 11 51.32	46.660	+ 6.04	−1 45.1	17 58 8.90	− 2.17	−22 50 13.4	− 9.0
24	C. P. D. −28°6304	9	1 50.34	+ 0.07	+11.97	292 35 51.22	43.555	+ 6.04	−2 15.1	18 2 2.38	− 2.25	−28 27 54.5	−10.6
25	B. D. −22°4597	9	4 46.66	+ 0.10	+11.97	298 47 51.22	43.712	+ 6.04	−1 42.6	18 4 58.73	− 2.13	−22 15 18.5	− 9.2
26	C. P. D. −27°6281	9	7 59.12	+ 0.08	+11.97	293 31 51.35	44.325	+ 6.04	−2 9.1	18 8 11.17	− 2.20	−27 31 30.8	−10.7
27	C. P. D. −23°7007	9	10 32.29	+ 0.09	+11.97	297 5 52.20	47.950	+ 6.04	−1 50.0	18 10 44.35	− 2.13	−23 55 48.0	− 9.9
28	B. D. −22°4655	9	11 59.14	+ 0.10	+11.97	298 39 50.92	45.840	+ 6.04	−1 43.0	18 12 11.21	− 2.10	−22 22 30.5	− 9.6
29	C. P. D. −26°6410	8	15 4.72	+ 0.08	+11.97	294 53 50.90	49.305	+ 6.04	−2 1.0	18 15 16.77	− 2.14	−26 7 29.4	−10.8
30	C. P. D. −27°6398	9	19 33.56	+ 0.08	+11.97	293 31 51.45	49.782	+ 6.04	−2 8.9	18 19 45.61	− 2.13	−27 29 25.8	−11.3
31	C. P. D. −26°6475	9	22 48.43	+ 0.08	+11.97	294 23 50.02	47.230	+ 6.04	−2 3.9	18 23 0.48	− 2.10	−26 38 20.6	−11.3
32	C. P. D. −24°6440	9	27 12.26	+ 0.09	+11.97	296 51 52.40	45.910	+ 6.04	−1 51.2	18 27 24.32	− 2.03	−24 10 35.6	−10.8
33	3 H. Scuti	9	29 48.73	+ 0.17	**+11.95**	312 41 52.65	49.052	+ 6.04	−1 1.2	18 30 0.87	.....	− 8 18 33.6	....
34	4 H. Scuti	9	36 50.76	+ 0.17	**+12.01**	311 53 50.82	43.970	+ 6.04	−1 3.1	18 37 2.90	.....	− 9 8 33.5	....
	May 7, R.												
35	Moon II	9	59 45.10	+ 0.19	+11.94	310 34	......	....	. ....	21 59 57.23	−62.08	.. ..	....
	May 8, R.												
36	θ Ophiuchi	9	15 57.08	+ 0.08	+12.08	296 7 51.65	47.285	+ 6.48	−1 53.6	17 16 9.24	.....	−24 54 6.9	....
37	σ Ophiuchi	9	21 34.80	+ 0.23	**+12.09**	325 13 52.35	48.125	+ 6.48	− 38.9	17 21 47.11	.....	+ 4 13 27.6	....
38	74 B. Camelopardalis s. p.	9	26 40.31	− 0.99	+12.08	65 59 57.08	45.162	+ 6.48	+2 5.9	5 26 51.40	.....	+74 58 50.0	....
39	ξ Serpentis	8	31 55.34	+ 0.13	**+12.07**	305 41 51.25	45.518	+ 6.48	−1 17.8	17 32 7.55	.....	−15 20 11.9	....
40	ι Herculis	9	36 34.74	+ 0.50	+12.08	7 3 56.18	45.812	+ 6.48	+ 7.0	17 36 47.32	.....	+46 3 24.5	....
41	μ Herculis	5	42 31.58	+ 0.35	**+12.06**	348 47 56.40	44.460	+ 6.48	− 11.1	17 42 44.02	.....	+27 46 35.8	....
42	ν Ophiuchi	8	53 34.27	+ 0.16	**+12.12**	311 16	......	....	. ....	17 53 46.52	.....	− 9 45	....
	May 9, R.												
43	Sun I, S.	9	3 18.61	+ 0.31	+12.15	338 7 53.30	44.590	+ 6.13	− 21.7	3 3 31.07	+66.65	+17 6 24.5	....
44	Sun II, N.	9	5 31.92	+ 0.31	+12.15	338 39 53.02	43.752	+ 6.13	− 21.2	3 5 44.38	−66.66	+17 38 5.6	....
	May 10, M.												
45	Venus I, C.	5	12 19.62	+ 0.30	+12.48	332 57 55.48	42.865	+ 3.92	− 28.7	2 12 32.40	+ 0.35	+11 55 38.1	....
46	Venus II	5	12 20.34	+ 0.30	+12.48	... .	......	....	. ....	2 12 33.12	− 0.37	.. ..	....
	May 11, M.												
47	Sun I, N.	9	11 6.27	+ 0.33	+12.48	339 9 55.12	47.408	+ 4.07	− 21.3	3 11 19.08	+66.84	+18 9 29.1	....
48	Sun II, S.	8	13 19.95	+ 0.33	+12.48	338 37 55.58	48.188	+ 4.07	− 21.9	3 13 32.76	−66.84	+17 37 46.8	....
	May 11, Ei.-Y.												
49	ο Virginis	9	0 7.97	+ 0.24	**+12.60**	330 15 54.15	48.908	+ 4.11	− 32.5	12 0 20.80	.....	+ 9 15 51.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 16 53	29.82	60.3	59.1
17 22	......	....	58.8
17 48	29.81	59.6	58.2
18 14	......	....	59.1
18 38	29.80	59.0	58.0
8 17 17	29.56	60.8	59.3
17 40	......	....	59.0
18 8	29.55	60.5	59.4
9 3 6	29.535	75.2	76.0
10 2 12	29.95	64.6	63.7
11 3 13	29.95	65.6	65.0
11 57	29.99	59.5	59.0

Micrometer bisections are made at II, VI, except as noted below.

2, 9, 23.	Bisections at II, VII.
7, 22, 43, 47.	Bisections at I, II.
8, 17, 40, 41, 44, 48.	Bisections at VI, VII.
45.	Bisections at I, II, VI, VII.

Notes.

10. Micrometer reading increased 5 rev.

11–13. Unsteady.

42. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
43	+ 3.2	+15 50.5	...	+15 53.7
44	+ 3.1	−15 50.5	...	−15 47.4
45	+ 2.4	.. ....	0.0	+ 2.4
47	+ 3.0	−15 51.1	...	−15 48.1
48	+ 3.1	+15 51.1	...	+15 54.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 5°2602	9	10 9.20	+ 0.22	+12.59	326 5 54.02	42.640	+ 4.11	− 38.3	12 10 22.01	− 1.72	+ 5 3 22.2	+ 9.4
2	B. D.+ 0°2920	9	13 34.02	+ 0.20	+12.59	320 45 52.00	46.382	+ 4.11	− 46.4	12 13 46.81	− 1.79	− 0 15 22.7	+10.7
3	η Virginis	9	14 48.68	+ 0.20	**+12.62**	320 53 52.82	44.245	+ 4.11	− 46.2	12 15 1.47	....	− 0 8 10.3	....
4	B. D.+ 6°2599	9	17 28.07	+ 0.23	+12.59	326 51 53.82	44.860	+ 4.11	− 37.1	12 17 40.89	− 1.74	+ 5 50 13.9	+ 8.9
5	B. D.− 5°3497	9	21 21.03	+ 0.17	+12.59	315 31 54.30	43.178	+ 4.11	− 55.9	12 21 33.79	− 1.89	− 5 30 42.9	+11.7
6	B. D.− 0°2583	9	24 16.67	+ 0.19	+12.59	320 17 53.75	49.200	+ 4.11	− 47.2	12 24 29.45	− 1.84	− 0 42 17.1	+10.4
7	B. D.− 4°3296	9	26 31.64	+ 0.17	+12.59	316 29 52.58	46.198	+ 4.11	− 54.0	12 26 44.40	− 1.90	− 4 31 33.7	+11.2
8	*f* Virginis	9	31 39.84	+ 0.17	+12.59	315 43 53.82	44.170	+ 4.11	− 55.5	12 31 52.60	....	− 5 18 20.3	....
9	B. D. +0°2966	9	34 18.89	+ 0.20	+12.59	321 15 52.90	43.962	+ 4.11	− 45.7	12 34 31.68	− 1.88	+ 0 13 43.8	+ 9.7
10	ρ Virginis	9	36 50.56	+ 0.26	**+12.54**	331 47 53.28	43.402	+ 4.11	− 30.5	12 37 3.41	....	+10 45 46.3	....
11	B. D.− 3°3341	9	37 53.36	+ 0.18	+12 59	317 29 53.60	46.882	+ 4.11	− 52.1	12 38 6.13	− 1.94	− 3 31 15.1	+10.4
12	B. D.− 5°3569	9	42 24.94	+ 0.17	+12.59	315 15 53.55	43.155	+ 4.11	− 56.4	12 42 37.70	− 1.98	− 5 46 44.6	+10.7
13	B. D.− 6°3659	9	44 57.52	+ 0.16	+12.59	313 55 53.45	43.325	+ 4.11	− 59.1	12 45 10.27	− 2.02	− 7 6 43.8	+10.9
14	B. D.− 9°3569	9	46 12.41	+ 0.15	+12.60	311 11 51.10	47.880	+ 4.11	−1 5.0	12 46 25.16	− 2.06	− 9 49 7.7	+11.4
15	B. D.− 3°3373	9	48 30.28	+ 0.18	+12.60	317 19 52.72	44.292	+ 4.11	− 52.5	12 48 43.06	− 1.98	− 3 42 15.6	+10.0
16	B. D.− 4°3379	9	51 7.15	+ 0.18	+12.60	316 41 54.22	42.875	+ 4.11	− 53.7	12 51 19.93	− 2.00	− 4 20 47.9	+10.0
17	B. D.− 1°2745	9	52 28.31	+ 0.19	+12.60	318 47 54.15	43.228	+ 4.11	− 49.9	12 52 41.10	− 1.98	− 2 14 35.9	+ 9.4
18	B. D.− 8°3466	9	55 19.04	+ 0.16	+12.60	312 25 52.20	47.842	+ 4.11	−1 2.3	12 55 31.80	− 2.08	− 8 35 4.8	+10.6
19	48 Virginis	9	58 46.81	+ 0.19	+12.60	317 51 53.75	47.660	+ 4.11	− 51.5	12 58 59.60	− 2.01	− 3 8 56.6	+ 9.3
20	B. D.− 3°3406	9	1 5.75	+ 0.18	+12.60	317 13 53.60	45.388	+ 4.11	− 52.7	13 1 18.53	− 2.03	− 3 47 49.9	+ 9.4
21	B. D.− 9°3628	9	2 41.33	+ 0.15	+12.60	310 47 53.35	46.055	+ 4.11	−1 6.0	13 2 54.08	− 2.13	−10 13 48.2	+10.5
22	B. D.− 2°3638	9	4 35.32	+ 0.19	+12.60	318 9 53.95	43.095	+ 4.11	− 51.0	13 4 48.11	− 2.03	− 2 52 40.2	+ 9.0
23	B. D.− 1°2815	9	19 7.46	+ 0.20	+12.60	319 25 54.82	43.470	+ 4.11	− 48.9	13 19 20.26	− 2.06	− 1 36 28.7	+ 8.0
24	*i* Virginis	9	21 28.32	+ 0.14	+12.60	308 49 52.72	44.055	+ 4.11	−1 10.8	13 21 41.06	− 2.23	−12 12 39.3	+ 9.8
25	B. D.− 5°3706	9	25 14.55	+ 0.18	+12.60	315 3 53.08	43.538	+ 4.11	− 56.9	13 25 27.33	− 2.14	− 5 58 36.8	+ 8.5
26	B. D.− 9°3711	9	27 44.07	+ 0.16	+12.60	311 21 52.15	44.535	+ 4.11	−1 4.8	13 27 56.83	− 2.21	− 9 40 22.9	+ 9.0
27	ζ Virginis	9	29 37.39	+ 0.21	**+12.53**	320 55 52.52	43.555	+ 4.11	− 46.3	13 29 50.20	....	− 0 6 26.2	....
28	B. D.− 2°3714	9	32 38.51	+ 0.19	+12.60	318 17 54.12	42.540	+ 4.11	− 50.9	13 32 51.30	− 2.12	− 2 44 52.6	+ 7.5
29	B. D.−15°3715	9	34 37.73	+ 0.12	+12.60	305 5 52.32	41.780	+ 4.11	−1 21.2	13 34 50.45	− 2.34	−15 57 42.1	+ 9.5
30	83 Virginis	9	39 8.56	+ 0.12	+12.60	305 19 51.68	46.432	+ 4.11	−1 20.4	13 39 21.28	− 2.35	−15 41 55.6	+ 9.1
31	B. D.− 7°3700	9	42 7.58	+ 0.17	+12.60	312 59 52.48	46.865	+ 4.11	−1 1.2	13 42 20.35	− 2.22	− 8 1 25.7	+ 7.8
32	B. D.−10°3768	9	45 32.07	+ 0.15	+12.60	310 7 52.55	48.040	+ 4.11	−1 7.6	13 45 44.82	− 2.28	−10 53 5.2	+ 8.0
33	B. D.− 2°3752	9	48 2.96	+ 0.19	+12.60	317 57 54.88	44.448	+ 4.11	− 51.5	13 48 15.75	− 2.17	− 3 4 9.1	+ 6.8
34	B. D.−16°3760	9	48 57.82	+ 0.12	+12.60	304 19 52.18	44.810	+ 4.11	−1 23.5	13 49 10.54	− 2.40	−16 42 35.2	+ 8.6
35	B. D.−10°3790	9	52 27.51	+ 0.16	+12.60	310 33 52.58	46.980	+ 4.11	−1 6.6	13 52 40.27	− 2.29	−10 27 28.4	+ 7.6
36	B. D.− 4°3597	9	54 16.03	+ 0.18	+12.60	316 3 53.12	47.128	+ 4.11	− 55.0	13 54 28.81	− 2.21	− 4 57 12.9	+ 6.7
37	B. D.−10°3810	9	58 9.36	+ 0.16	+12.60	310 31 53.00	44.445	+ 4.11	−1 6.8	13 58 22.12	− 2.31	−10 30 26.3	+ 7.2
38	B. D.−14°3863	9	59 4.69	+ 0.13	+12.60	306 31 52.55	44.122	+ 4.11	−1 17.0	13 59 17.42	− 2.38	−14 30 44.1	+ 7.6
39	B. D.− 7°3770	9	1 53.47	+ 0.17	+12.60	313 1 53.25	47.875	+ 4.11	−1 1.1	14 2 6.24	− 2.27	− 7 59 1.8	+ 6.7
40	B. D.− 5°3824	9	5 44.92	+ 0.18	+12.60	315 29 52.80	46.835	+ 4.11	− 56.1	14 5 57.70	− 2.24	− 5 31 21.0	+ 6.2
41	B. D.−13°3845	9	7 47.84	+ 0.14	+12.60	307 37 53.02	44.178	+ 4.11	−1 14.1	14 8 0.58	− 2.38	−13 24 39.7	+ 6.9
42	B. D.− 6°3952	9	9 2.87	+ 0.18	+12.60	314 25 53.05	43.885	+ 4.11	− 58.3	14 9 15.65	− 2.27	− 6 36 30.4	+ 6.1
43	B. D.−17°4053	9	11 34.92	+ 0.11	+12.60	302 53 50.95	45.228	+ 4.11	−1 28.2	14 11 47.63	− 2.48	−18 8 31.6	+ 7.1
44	B. D.−11°3711	9	13 28.78	+ 0.15	+12.61	309 23 52.82	47.562	+ 4.11	−1 9.5	14 13 41.54	− 2.36	−11 37 17.7	+ 6.3
45	2 Libræ	9	18 5.18	+ 0.15	+12.61	309 45 52.58	44.020	+ 4.11	−1 8.7	14 18 17.94	− 2.36	−11 16 38.1	+ 6.0
46	B. D.−18°3821	9	21 5.30	+ 0.11	+12.61	302 39 52.02	43.052	+ 4.11	−1 29.1	14 21 18.02	− 2.51	−18 23 21.2	+ 6.4
47	B. D.−14°3968	9	24 48.29	+ 0.13	+12.61	306 13 52.40	42.295	+ 4.11	−1 18.0	14 25 1.03	− 2.44	−14 49 26.9	+ 5.8
48	B. D.−10°3920	9	26 51.77	+ 0.16	+12.61	310 29 52.78	48.865	+ 4.11	−1 6.9	14 27 4.54	− 2.36	−10 30 45.1	+ 5.4
49	B. D.−21°3933	9	30 30.71	+ 0.09	+12.61	299 17 53.08	42.960	+ 4.11	−1 41.8	14 30 43.41	− 2.60	−21 45 35.2	+ 5.9
50	6 B. Libræ	9	31 42.89	+ 0.15	+12.61	309 7 52.48	46.002	+ 4.11	−1 10.3	14 31 55.65	− 2.40	−11 53 54.5	+ 5.2
51	B. D.−19°3939	9	35 50.96	+ 0.10	+12.61	301 31 52.42	44.038	+ 4.11	−1 33.2	14 36 3.67	− 2.56	−19 31 2.4	+ 5.4
52	μ Virginis	9	37 49.54	+ 0.19	**+12.59**	315 47 53.45	43.708	+ 4.11	− 55.7	14 38 2.34	....	− 5 14 31.4	....
53	109 Virginis	9	41 13.04	+ 0.23	**+12.64**	323 19 54.18	43.948	+ 4.11	− 42.7	14 41 25.88	....	+ 2 17 47.8	....
54	32 Libræ	9	22 40.21	+ 0.14	**+12.63**	304 37 53.30	49.088	+ 4.11	−1 23.0	15 22 52.96	....	−16 22 55.8	....
55	B. D.−21°4135	9	26 24.63	+ 0.10	+12.61	299 23 52.35	46.122	+ 4.11	−1 41.7	15 26 37.34	− 2.64	−21 38 23.3	+ 1.4
56	γ Libræ	9	29 58.96	+ 0.14	**+12.68**	306 33 53.08	45.558	+ 4.11	−1 17.4	15 30 11.71	....	−14 28 11.2	....
57	C. P. D.−23°6241	9	34 26.18	+ 0.09	+12.61	297 31 52.78	46.515	+ 4.11	−1 49.9	15 34 38.88	− 2.68	−23 30 22.1	+ 0.8
58	B. D.−12°4320	9	37 38.84	+ 0.16	+12.61	308 17 52.92	43.508	+ 4.11	−1 12.8	15 37 51.61	− 2.45	−12 44 53.6	+ 0.9
59	B. D.−15°4182	7	40 48.23	+ 0.14	+12.62	305 9 52.58	47.110	+ 4.11	−1 21.5	15 41 0.99	− 2.51	−15 51 40.3	+ 0.6
60	B. D.−22°4034	9	44 48.86	+ 0.09	+12.62	298 3 51.48	47.662	+ 4.11	−1 47.4	15 45 1.57	− 2.66	−22 57 54.7	0.0
61	C. P. D.−24°5583	9	47 59.75	+ 0.08	+12.62	296 47 52.70	45.465	+ 4.11	−1 53.4	15 48 12.45	− 2.69	−24 14 49.7	− 0.4
62	C. P. D.−25°5690	9	49 31.88	+ 0.07	+12.62	295 3 52.18	45.450	+ 4.11	−2 2.4	15 49 44.57	− 2.74	−25 58 59.5	− 0.6
63	C. P. D.−24°5613	9	52 39.38	+ 0.08	+12.62	296 27 53.05	49.600	+ 4.11	−1 55.0	15 52 52.08	− 2.69	−24 33 16.4	− 0.8
64	49 Libræ	9	54 45.99	+ 0.14	+12.62	304 47 54.38	43.505	+ 4.11	−1 22.7	15 54 58.75	....	−16 15 2.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 12 26	.....	....	58.8
12 56	30.00	58.5	58.4
13 23	.....	....	57.5
13 50	30.00	57.4	57.1
14 15	.....	....	56.4
14 42	29.99	55.9	55.2
15 20	29.99	54.9	53.4
15 47	.....	....	53.3

Micrometer bisections are made at II, VI, except as noted below.

2, 10, 13, 16, 33, 37, 41, 49. Bisections at I, II.
27. Bisection at VI.
44, 47, 54. Bisections at II, VII.
48. Bisections at VI, VII.

Notes.

13. Unsteady.
25–64. Images poor and quite unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D.−26°5591	9	58 59.82	+ 0.06	+12.62	294 21 52.30	45.470	+ 4.11	−2 6.4	15 59 12.50	− 2.74	−26 41 2.9	− 1.4
2	B. D.−16°4219	9	1 25.49	+ 0.13	+12.62	304 21 52.88	43.675	+ 4.11	−1 24.1	16 1 38.24	− 2.51	−16 41 1.1	− 0.9
3	C. P. D.−24°5660	9	4 13.50	+ 0.08	+12.62	296 41 52.28	48.448	+ 4.11	−1 54.0	16 4 26.20	− 2.67	−24 19 42.5	− 1.7
4	B. D.−15°4266	9	7 12.74	+ 0.14	+12.62	305 15 53.25	45.725	+ 4.11	−1 21.3	16 7 25.50	− 2.48	−15 46 11.1	− 1.2
5	B. D.−18°4249	9	8 56.52	+ 0.12	+12.62	302 43 51.78	48.410	+ 4.11	−1 29.4	16 9 9.26	− 2.53	−18 17 19.3	− 1.5
6	C. P. D.−28°5311	9	12 10.60	+ 0.05	+12.62	292 39 51.60	47.412	+ 4.11	−2 17.0	16 12 23.27	− 2.77	−28 22 29.8	− 2.6
7	B. D.−21°4341	9	14 51.94	+ 0.10	+12.62	299 25 52.92	45.652	+ 4.11	−1 41.9	16 15 4.66	− 2.59	−21 36 33.7	− 2.2
8	C. P. D.−24°5695	9	19 26.30	+ 0.08	+12.62	296 47 53.38	46.020	+ 4.11	−1 53.7	16 19 39.00	− 2.64	−24 14 36.6	− 2.8
9	α Scorpii	9	23 21.23	+ 0.07	+12.62	294 49 51.45	45.262	+ 4.11	−2 4.0	16 23 33.92	.....	−26 13 6.1	....
10	B. D.−16°4298	9	25 28.25	+ 0.14	+12.62	304 37 53.60	45.818	+ 4.11	−1 23.3	16 25 41.01	− 2.46	−16 24 10.3	− 2.5
11	B. D.−19°4381	9	28 59.28	+ 0.11	+12.62	301 17 52.22	45.800	+ 4.11	−1 34.6	16 29 12.01	− 2.52	−19 44 23.7	− 3.0
12	B. D.−22°4182	9	32 24.01	+ 0.09	+12.62	298 21 52.28	42.502	+ 4.11	−1 46.6	16 32 36.72	− 2.58	−22 41 51.0	− 3.6
13	C. P. D.−24°5720	9	35 36.88	+ 0.08	+12.62	296 45 52.30	45.468	+ 4.11	−1 54.0	16 35 49.58	− 2.61	−24 16 50.6	− 4.0
14	C. P. D.−27°5463	8	38 9.80	+ 0.06	+12.62	293 45 52.18	47.118	+ 4.11	−2 10.3	16 38 22.48	− 2.67	−27 16 29.3	− 4.6
15	B. D.−20°4563	9	43 10.93	+ 0.11	+12.62	300 43 51.85	49.268	+ 4.11	−1 36.7	16 43 23.66	− 2.50	−20 17 6.9	− 4.0
16	C. P. D.−27°5499	9	44 55.86	+ 0.06	+12.62	293 13 51.68	46.480	+ 4.11	−2 13.6	16 45 8.54	− 2.67	−27 48 47.7	− 5.2
17	B. D.−21°4443	9	48 44.07	+ 0.10	+12.62	299 19 51.65	43.858	+ 4.11	−1 42.4	16 48 56.79	− 2.52	−21 43 16.4	− 4.6
18	B. D.−19°4471 (*fol.*)	9	51 15.19	+ 0.11	+12.62	301 37 52.45	48.905	+ 4.11	−1 33.4	16 51 27.92	− 2.46	−19 23 11.3	− 4.5
19	C. P. D.−28°5491	6	54 16.44	+ 0.05	+12.62	292 33 53.10	45.270	+ 4.11	−2 17.9	16 54 29.11	− 2.66	−28 29 18.2	− 6.0
20	C. P. D.−25°5921	9	57 56.07	+ 0.07	+12.62	295 30	......	+ 4.11	. ....	16 58 8.76	− 2.57	−25 33	....
21	C. P. D.−26°5818	9	0 46.14	+ 0.07	+12.62	294 39 51.65	45.860	+ 4.11	−2 4.9	17 0 58.83	− 2.58	−26 22 53.1	− 6.2
22	B. D.−16°4436	9	5 47.36	+ 0.14	+12.62	304 39 52.82	45.532	+ 4.11	−1 23.2	17 6 0.12	− 2.37	−16 22 17.8	− 4.9
23	B. D.−18°4459	9	8 8.22	+ 0.12	+12.63	302 55 53.00	46.015	+ 4.11	−1 28.9	17 8 20.97	− 2.39	−18 6 12.3	− 5.3
24	C. P. D.−28°5600	9	11 27.49	+ 0.05	+12.63	292 11 52.38	49.342	+ 4.11	−2 20.2	17 11 40.17	− 2.60	−28 49 48.1	− 7.3
25	B. D.−18°4489	9	13 41.32	+ 0.12	+12.63	302 9 51.15	49.040	+ 4.11	−1 31.4	17 13 54.07	− 2.38	−18 51 7.5	− 5.8
26	C. P. D.−26°5883	9	16 15.19	+ 0.07	+12.63	294 55 52.32	45.300	+ 4.11	−2 3.4	17 16 27.89	− 2.52	−26 7 3.8	− 7.2
27	B. D.−18°4516	9	18 49.36	+ 0.12	+12.63	302 39 51.72	48.470	+ 4.11	−1 29.7	17 19 2.11	− 2.36	−18 21 18.3	− 6.0
28	B. D.−20°4775	9	22 22.28	+ 0.10	+12.63	300 9 52.30	44.580	+ 4.11	−1 38.9	17 22 35.01	− 2.39	−20 52 55.8	− 6.6
29	C. P. D.−29°4767	9	26 45.91	+ 0.04	+12.63	291 27 51.75	47.172	+ 4.11	−2 25.4	17 26 58.58	− 2.56	−29 34 43.6	− 8.5
30	ξ Serpentis	9	31 54.87	+ 0.14	**+12.59**	305 41 52.92	45.665	+ 4.11	−1 20.1	17 32 7.64	.....	−15 20 11.6	....
31	ν Ophiuchi	9	53 33.84	+ 0.17	**+12.61**	311 15 52.85	46.518	+ 4.11	−1 5.6	17 53 46.64	.....	− 9 45 37.7	....
	May 11, R.												
32	δ Ursæ Minoris	9	3 8.39	+ 6.07	+12.58	47 35 59.12	47.023	+ 4.47	+1 3.4	18 3 27.04	.....	+86 36 49.0	....
33	3 H. Scuti	9	29 48.14	+ 0.20	**+12.61**	312 43 52.70	43.925	+ 4.47	−1 2.4	18 30 0.92	.....	− 8 18 33.5	....
34	4 H. Scuti	9	36 50.23	+ 0.20	**+12.61**	311 53 51.62	44.085	+ 4.47	−1 4.3	18 37 3.01	.....	− 9 8 32.8	....
35	110 Herculis	9	41 20.65	+ 0.37	**+12.58**	341 27 54.08	46.810	+ 4.47	− 19.3	18 41 33.60	.....	+20 27 17.0	....
36	β Lyræ	9	46 20.92	+ 0.46	+12.58	354 15 55.78	45.538	+ 4.47	− 5.8	18 46 33.96	.....	+33 15 2.9	....
37	51 H. Cephei s. p.	9	55 25.17	− 6.91	+12.59	53 47 56.75	44.105	+ 4.47	+1 19.2	6 55 30.85	.....	+87 12 3.2	....
38	19 Lyræ	9	7 53.79	+ 0.45	+12.59	352 8	......	+ 4.47	. ....	19 8 6.83	− 1.74	+31 7	....
39	d Sagittarii	9	11 50.23	+ 0.15	**+12.58**	301 53 51.28	48.748	+ 4.47	−1 32.7	19 12 2.97	.....	−19 7 15.0	....
40	τ Draconis	8	17 13.31	+ 1.38	+12.59	34 9 57.45	47.505	+ 4.47	+ 39.5	19 17 27.28	.....	+73 10 34.4	....
41	Venus I, C	9	17 1.57	+ 0.32	+12.63	333 21 52.75	47.200	+ 4.07	− 28.4	2 17 14.52	+ 0.34	+12 21 14.8	....
42	Venus II	9	17 2.27	+ 0.32	+12.63	... .	......	....	. ....	2 17 15.22	− 0.36	.. ..	....
	May 12, R.												
43	Sun I, N	9	15 1.10	+ 0.35	+12.64	339 25 54.98	45.370	+ 4.15	− 21.1	3 15 14.09	+66.92	+18 24 42.6	....
44	Sun II, S	8	17 14.94	+ 0.35	+12.64	338 53 55.08	46.182	+ 4.15	− 21.7	3 17 27.93	−66.92	+17 53 0.8	....
	May 12, Ei.-Y.												
45	ο Virginis	9	0 7.87	+ 0.22	**+12.71**	330 15 52.65	48.948	+ 4.52	− 32.0	12 0 20.84	.....	+ 9 15 51.6	....
46	B. D.+ 5°2602	9	10 9.04	+ 0.19	+12.75	326 5 51.08	42.720	+ 4.52	− 37.8	12 10 21.98	− 1.71	+ 5 3 21.9	+ 9.3
47	B. D.+ 0°2920	9	13 33.84	+ 0.17	+12.75	320 45 51.32	46.362	+ 4.52	− 45.9	12 13 46.76	− 1.79	− 0 15 23.0	+10.6
48	η Virginis	9	14 48.50	+ 0.17	**+12.82**	320 53 50.25	44.330	+ 4.52	− 45.7	12 15 1.42	.....	− 0 8 10.0	....
49	B. D.+ 6°2599	9	17 27.93	+ 0.20	+12.75	326 51 51.68	44.915	+ 4.52	− 36.7	12 17 40.88	− 1.74	+ 5 50 13.8	+ 8.8
50	B. D.− 5°3497	9	21 20.84	+ 0.14	+12.75	315 31 52.35	43.230	+ 4.52	− 55.2	12 21 33.73	− 1.88	− 5 30 42.5	+11.6
51	B. D.− 0°2583	9	24 16.49	+ 0.16	+12.75	320 19 50.88	44.020	+ 4.52	− 46.6	12 24 29.40	− 1.84	− 0 42 17.3	+10.3
52	B. D.− 4°3296	9	26 31.53	+ 0.14	+12.75	316 29 51.05	46.210	+ 4.52	− 53.3	12 26 44.42	− 1.90	− 4 31 33.8	+11.1
53	f Virginis	9	31 39.66	+ 0.14	+12.75	315 43 51.98	44.212	+ 4.52	− 54.8	12 31 52.55	.....	− 5 18 20.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 16 16	29.985	53.5	52.3
16 40	......	....	51.6
17 2	29.985	52.0	52.0
17 29	......	....	52.3
17 54	29.99	52.8	53.0
18 10	30.00	53.0	52.7
18 29	......	....	52.1
19 2	30.00	52.1	50.9
19 23	30.00	51.6	50.1
2 18	30.06	63.0	61.7
12 3 17	30.045	65.7	64.8
12 2	29.97	65.1	65.0
12 26	......	....	64.2

Micrometer bisections are made at II, VI, except as noted below.

10, 35, 40, 44.	Bisections at VI, VII.
17, 21, 50.	Bisections at II, VII.
32, 37.	Bisections at III, IV, V.
41.	Bisections at II, VI, VII.
43, 47.	Bisections at I, II.

Notes.

1–20, 25–31.	Conditions poor.
33, 37.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
41	+ 2.4	.. ....	0.0	+ 2.4
43	+ 3.0	−15 50.8	...	−15 47.8
44	+ 3.1	+15 50.9	...	+15 54.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 0°2966	9	34 18.65	+ 0.17	+12.75	321 15 51.02	44.005	+ 4.52	− 45.1	12 34 31.57	− 1.87	+ 0 13 44.0	+ 9.6
2	ρ Virginis	9	36 50.37	+ 0.22	+12.77	331 47 51.62	43.465	+ 4.52	− 30.2	12 37 3.34	....	+10 45 46.8	....
3	B. D.− 3°3341	9	37 53.19	+ 0.15	+12.75	317 29 53.10	46.852	+ 4.52	− 51.5	12 38 6.09	− 1.93	− 3 31 15.3	+10.4
4	B. D.− 5°3569	9	42 24.80	+ 0.14	+12.75	315 15 51.80	43.190	+ 4.52	− 55.8	12 42 37.69	− 1.98	− 5 46 44.6	+10.6
5	B. D.− 6°3659	9	44 57.31	+ 0.13	+12.75	313 55 51.58	43.335	+ 4.52	− 58.5	12 45 10.19	− 2.01	− 7 6 44.2	+10.8
6	B. D.− 3°3373	9	48 30.08	+ 0.15	+12.75	317 19 50.75	44.340	+ 4.52	− 51.9	12 48 42.98	− 1.98	− 3 42 15.4	+ 9.9
7	B. D.− 4°3379	9	51 6.93	+ 0.15	+12.75	316 41 51.70	42.945	+ 4.52	− 53.1	12 51 19.83	− 1.99	− 4 20 47.6	+ 9.9
8	B. D.− 8°3466	9	55 18.86	+ 0.12	+12.75	312 25 50.22	47.935	+ 4.52	−1 1.6	12 55 31.73	− 2.07	− 8 35 3.8	+10.6
9	B. D.−10°3592	9	56 11.69	+ 0.11	+12.75	310 23 49.85	44.302	+ 4.52	−1 6.2	12 56 24.55	− 2.11	−10 38 31.5	+10.8
10	48 Virginis	9	58 46.61	+ 0.15	+12.76	317 51 52.05	47.702	+ 4.52	− 51.0	12 58 59.52	− 2.01	− 8 8 56.4	+ 9.3
11	B. D.− 3°3406	9	1 5.59	+ 0.15	+12.76	317 13 51.00	45.465	+ 4.52	− 52.1	13 1 18.50	− 2.02	− 3 47 49.7	+ 9.3
12	B. D.− 2°3638	9	4 35.18	+ 0.15	+12.76	318 9 51.20	43.190	+ 4.52	− 50.5	13 4 48.09	− 2.02	− 2 52 39.9	+ 8.7
13	B. D.+ 0°3030	9	5 37.07	+ 0.17	+12.76	321 5 51.50	48.440	+ 4.52	− 45.5	13 5 50.00	− 1.99	+ 0 5 25.6	+ 8.2
14	B. D.− 1°2815	9	19 7.28	+ 0.16	+12.76	319 25 51.90	43.560	+ 4.52	− 48.3	13 19 20.20	− 2.06	− 1 36 28.5	+ 7.9
15	*i* Virginis	9	21 28.07	+ 0.11	+12.76	308 49 50.30	44.102	+ 4.52	−1 10.1	13 21 40.94	− 2.23	−12 12 39.5	+ 9.7
16	B. D.− 5°3706	9	25 14.35	+ 0.14	+12.76	315 3 51.52	43.578	+ 4.52	− 56.3	13 25 27.25	− 2.14	− 5 58 36.5	+ 8.4
17	B. D.− 9°3711	9	27 43.88	+ 0.12	+12.76	311 21 50.98	44.555	+ 4.52	−1 4.1	13 27 56.76	− 2.21	− 9 40 22.5	+ 8.9
18	ζ Virginis	9	29 37.21	+ 0.17	+12.74	320 55 50.12	43.668	+ 4.52	− 45.9	13 29 50.14	....	− 0 6 25.5	....
19	B. D.− 2°3714	9	32 38.36	+ 0.16	+12.76	318 17 52.78	42.560	+ 4.52	− 50.3	13 32 51.28	− 2.12	− 2 44 52.5	+ 7.4
20	B. D.−15°3715	9	34 37.57	+ 0.08	+12.76	305 3 50.45	47.045	+ 4.52	−1 20.3	13 34 50.41	− 2.34	−15 57 42.2	+ 9.4
21	83 Virginis	9	39 8.41	+ 0.09	+12.76	305 19 50.20	46.432	+ 4.52	−1 19.5	13 39 21.26	− 2.35	−15 41 55.8	+ 9.1
22	B. D.− 7°3700	9	42 7.48	+ 0.13	+12.76	312 59 51.52	46.862	+ 4.52	−1 0.5	13 42 20.37	− 2.22	− 8 1 25.6	+ 7.8
23	B. D.−10°3768	9	45 31.91	+ 0.11	+12.76	310 7 49.78	48.130	+ 4.52	−1 6.9	13 45 44.78	− 2.28	−10 53 4.8	+ 8.0
24	B. D.− 2°3752	9	48 2.80	+ 0.15	+12.76	317 57 53.45	44.460	+ 4.52	− 50.9	13 48 15.71	− 2.16	− 3 4 9.0	+ 6.7
25	B. D.−10°3790	9	52 27.36	+ 0.12	+12.76	310 33 50.70	47.020	+ 4.52	−1 5.9	13 52 40.24	− 2.29	−10 27 28.2	+ 7.5
26	B. D.− 4°3597	9	54 15.89	+ 0.14	+12.76	316 3 51.52	47.145	+ 4.52	− 54.4	13 54 28.79	− 2.21	− 4 57 13.1	+ 6.6
27	B. D.−14°3863	9	59 4.56	+ 0.09	+12.76	306 31 51.00	44.118	+ 4.52	−1 16.2	13 59 17.41	− 2.38	−14 30 44.5	+ 7.6
28	B. D.− 7°3770	9	1 53.31	+ 0.13	+12.76	313 1 52.20	47.908	+ 4.52	−1 0.5	14 2 6.20	− 2.27	− 7 59 1.0	+ 6.6
29	B. D.−18°3757	9	3 31.79	+ 0.07	+12.76	302 15 50.72	42.862	+ 4.52	−1 29.4	14 3 44.62	− 2.48	−18 47 26.7	+ 7.7
30	B. D.− 5°3824	9	5 44.83	+ 0.14	+12.76	315 29 52.20	46.820	+ 4.52	− 55.6	14 5 57.73	− 2.24	− 5 31 21.0	+ 6.1
31	B. D.− 6°3952	9	9 2.72	+ 0.14	+12.76	314 25 51.12	43.918	+ 4.52	− 57.7	14 9 15.62	− 2.27	− 6 36 30.5	+ 6.0
32	B. D.−17°4053	9	11 34.80	+ 0.07	+12.76	302 53 50.50	45.180	+ 4.52	−1 27.3	14 11 47.63	− 2.49	−18 8 31.9	+ 7.1
33	B. D.−11°3711	9	13 28.58	+ 0.11	+12.76	309 23 51.22	47.590	+ 4.52	−1 8.8	14 13 41.45	− 2.36	−11 37 17.6	+ 6.3
34	2 Libræ	9	18 5.09	+ 0.11	+12.76	309 45 49.90	44.092	+ 4.52	−1 8.0	14 18 17.96	− 2.36	−11 16 38.1	+ 6.0
35	B. D.−18°3821	9	21 5.18	+ 0.07	+12.76	302 39 50.92	43.025	+ 4.52	−1 28.1	14 21 18.01	− 2.51	−18 23 21.5	+ 6.4
36	B. D.−14°3968	9	24 48.01	+ 0.09	+12.77	306 13 50.58	42.318	+ 4.52	−1 17.2	14 25 0.87	− 2.45	−14 49 27.1	+ 5.8
37	B. D.−10°3920	9	26 51.58	+ 0.12	+12.77	310 29 48.88	48.990	+ 4.52	−1 6.2	14 27 4.47	− 2.37	−10 30 45.3	+ 5.3
38	6 B. Libræ	9	31 42.76	+ 0.11	+12.77	309 7 51.32	45.940	+ 4.52	−1 9.6	14 31 55.64	− 2.40	−11 53 56.0	+ 5.1
39	B. D.−19°3939	9	35 50.85	+ 0.06	+12.77	301 31 50.35	44.030	+ 4.52	−1 32.1	14 36 3.68	− 2.56	−19 31 3.1	+ 5.4
40	μ Virginis	9	37 49.39	+ 0.14	+12.80	315 47 52.35	43.700	+ 4.52	− 55.1	14 38 2.30	....	− 5 14 31.7	....
41	109 Virginis	9	41 12.94	+ 0.18	+12.80	323 19 52.45	43.970	+ 4.52	− 42.2	14 41 25.89	....	+ 2 17 47.5	....
42	32 Libræ	9	22 40.15	+ 0.09	+12.75	304 39 50.55	43.848	+ 4.52	−1 22.0	15 22 53.01	....	−16 22 57.0	....
43	γ Libræ	9	29 58.89	+ 0.11	+12.79	306 33 50.40	45.588	+ 4.52	−1 16.5	15 30 11.77	....	−14 28 11.8	....
44	B. D.−20°4285	9	32 31.06	+ 0.07	+12.77	300 19 51.28	47.015	+ 4.52	−1 36.8	15 32 43.90	− 2.63	−20 41 58.6	+ 1.0
45	C. P. D.−23°6241	9	34 26.04	+ 0.05	+12.77	297 31 50.38	46.508	+ 4.52	−1 48.5	15 34 38.86	− 2.69	−23 30 22.8	+ 0.8
46	B. D.−12°4320	9	37 38.63	+ 0.12	+12.77	308 17 51.98	43.465	+ 4.52	−1 11.9	15 37 51.52	− 2.46	−12 44 54.2	+ 0.8
47	B. D.−15°4182	9	40 48.14	+ 0.10	+12.77	305 9 49.52	47.180	+ 4.52	−1 20.5	15 41 1.01	− 2.52	−15 51 40.4	− 0.2
48	B. D.−22°4034	9	44 48.76	+ 0.06	+12.77	298 3 50.70	47.585	+ 4.52	−1 46.2	15 45 1.59	− 2.67	−22 57 55.6	0.0
49	C. P. D.−24°5583	9	47 59.63	+ 0.05	+12.77	296 47 51.02	45.462	+ 4.52	−1 52.1	15 48 12.45	− 2.70	−24 14 49.7	− 0.4
50	C. P. D.−25°5690	9	49 31.81	+ 0.04	+12.77	295 3 49.85	45.470	+ 4.52	−2 1.0	15 49 44.62	− 2.75	−25 58 59.5	− 0.6
51	C. P. D.−24°5613	9	52 39.23	+ 0.05	+12.78	296 29 50.85	44.335	+ 4.52	−1 53.6	15 52 52.06	− 2.71	−24 33 17.1	− 0.7
52	49 Libræ	9	54 45.92	+ 0.10	+12.78	304 47 50.80	43.605	+ 4.52	−1 21.7	15 54 58.80	....	−16 15 2.0	....
53	C. P. D.−26°5591	9	58 59.61	+ 0.04	+12.78	294 21 50.32	45.465	+ 4.52	−2 4.9	15 59 12.43	− 2.76	−26 41 3.1	− 1.4
54	B. D.−16°4219	9	1 25.33	+ 0.10	+12.78	304 21 50.98	43.660	+ 4.52	−1 23.1	16 1 38.21	− 2.52	−16 41 1.9	− 0.9
55	C. P. D.−24°5660	9	4 13.31	+ 0.05	+12.78	296 41 51.62	48.400	+ 4.52	−1 52.5	16 4 26.14	− 2.69	−24 19 42.4	− 1.6
56	B. D.−15°4266	9	7 12.57	+ 0.11	+12.78	305 15 51.08	45.745	+ 4.52	−1 20.3	16 7 25.46	− 2.50	−15 46 11.4	− 1.2
57	B. D.−18°4249	9	8 56.37	+ 0.08	+12.78	302 43 50.18	48.385	+ 4.52	−1 28.2	16 9 9.23	− 2.54	−18 17 19.9	− 1.6
58	C. P. D.−28°5311	9	12 10.45	+ 0.03	+12.78	292 39 49.65	47.392	+ 4.52	−2 15.2	16 12 23.26	− 2.78	−28 22 29.9	− 2.6
59	B. D.−21°4341	9	14 51.82	+ 0.07	+12.78	299 25 50.92	45.670	+ 4.52	−1 40.5	16 15 4.67	− 2.60	−21 36 33.4	− 2.2
60	C. P. D.−24°5695	9	19 26.16	+ 0.06	+12.78	296 47 51.25	46.045	+ 4.52	−1 52.1	16 19 39.00	− 2.66	−24 14 36.1	− 2.8
61	α Scorpii	9	23 21.03	+ 0.05	+12.78	294 49 50.68	45.188	+ 4.52	−2 2.3	16 23 33.86	....	−26 13 6.5	....
62	B. D.−16°4298	9	25 28.16	+ 0.11	+12.78	304 37 51.22	45.878	+ 4.52	−1 22.2	16 25 41.05	− 2.48	−16 24 10.1	− 2.5
63	B. D.−19°4381	9	28 59.15	+ 0.09	+12.78	301 17 50.48	45.868	+ 4.52	−1 33.4	16 29 12.02	− 2.54	−19 44 22.3	− 3.0
64	B. D.−22°4182	9	32 23.83	+ 0.07	+12.78	298 21 50.70	42.498	+ 4.52	−1 45.2	16 32 36.68	− 2.60	−22 41 50.8	− 3.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 12 52	29.97	64.1	63.3
13 23	......	....	62.2
13 49	29.965	62.5	61.8
14 15	......	....	61.0
14 43	29.96	61.0	60.2
15 20	29.95	60.5	59.2
15 45	......	....	58.3
16 16	29.93	59.1	58.0

Micrometer bisections are made at II, VI, except as noted below.

2, 8.	Bisections at I, II.
13.	Bisections at VI, VII.
20, 25, 30, 50, 58.	Bisections at II, VII.

Note.

38. Image poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D. −24°5720	9	35 36.72	+ 0.06	+12.78	296 45 51.60	45.420	+ 4.52	−1 52.4	16 35 49.56	− 2.62	−24 16 50.4	− 4.0
2	C. P. D. −27°5463	9	38 9.70	+ 0.04	+12.78	293 47 50.82	41.815	+ 4.52	−2 8.6	16 38 22.52	− 2.69	−27 16 29.6	− 4.6
3	B. D. −20°4563	9	43 10.87	+ 0.09	+12.78	300 43 50.40	49.232	+ 4.52	−1 35.5	16 43 23.74	− 2.52	−20 17 7.6	− 4.1
4	C. P. D. −27°5499	9	44 55.76	+ 0.04	+12.78	293 13 50.18	46.400	+ 4.52	−2 11.9	16 45 8.58	− 2.69	−27 48 48.9	− 5.1
5	B. D. −21°4443	9	48 43.91	+ 0.08	+12.78	299 19 50.32	43.842	+ 4.52	−1 41.1	16 48 56.77	− 2.54	−21 43 16.4	− 4.6
6	B. D. −19°4471 (*fol.*)	8	51 15.07	+ 0.10	+12.78	301 37 50.72	48.878	+ 4.52	−1 32.2	16 51 27.95	− 2.48	−19 23 12.0	− 4.5
7	C. P. D. −28°5491	9	54 16.36	+ 0.04	+12.78	292 33 50.55	45.265	+ 4.52	−2 16.2	16 54 29.18	− 2.68	−28 29 18.7	− 6.0
8	C. P. D. −25°5921	9	57 55.95	+ 0.06	+12.78	295 29 49.42	43.810	+ 4.52	−1 58.9	16 58 8.79	− 2.59	−25 33 35.8	− 5.8
9	C. P. D. −26°5818	9	0 45.93	+ 0.06	+12.78	294 39 49.92	45.822	+ 4.52	−2 3.4	17 0 58.77	− 2.60	−26 22 53.9	− 6.2
10	B. D. −16°4436	9	5 47.24	+ 0.12	+12.78	304 39 51.12	45.535	+ 4.52	−1 22.2	17 6 0.14	− 2.39	−16 22 18.1	− 5.0
11	B. D. −18°4459	9	8 8.12	+ 0.11	+12.78	302 55 51.52	46.012	+ 4.52	−1 27.8	17 8 21.01	− 2.41	−18 6 12.3	− 5.4
12	C. P. D. −28°5600	9	11 27.34	+ 0.04	+12.78	292 13 50.22	44.095	+ 4.52	−2 18.6	17 11 40.16	− 2.62	−28 49 48.1	− 7.3
13	B. D. −18°4489	9	13 41.27	+ 0.11	+12.78	302 7 50.65	48.968	+ 4.52	−1 30.3	17 13 54.16	− 2.40	−18 51 7.9	− 5.8
14	C. P. D. −26°5883	9	16 15.10	+ 0.06	+12.78	294 55 49.88	45.325	+ 4.52	−2 2.0	17 16 27.94	− 2.54	−26 7 3.9	− 7.2
15	B. D. −18°4516	8	18 49.26	+ 0.11	+12.79	302 39 50.20	48.470	+ 4.52	−1 28.7	17 19 2.16	− 2.38	−18 21 18.4	− 6.0
16	B. D. −20°4775	9	22 22.11	+ 0.10	+12.79	300 9 50.62	44.592	+ 4.52	−1 37.9	17 22 35.00	− 2.41	−20 52 55.8	− 6.7
17	C. P. D. −29°4767	9	26 45.77	+ 0.04	+12.79	291 27 50.80	47.155	+ 4.52	−2 23.9	17 26 58.60	− 2.58	−29 34 42.9	− 8.5
18	ξ Serpentis	9	31 54.74	+ 0.14	**+12.74**	305 41 51.12	45.705	+ 4.52	−1 19.3	17 32 7.67	.....	−15 20 11.3	....
19	ν Ophiuchi	9	53 33.70	+ 0.17	**+12.77**	311 15 51.82	46.512	+ 4.52	−1 5.0	17 53 46.66	.....	− 9 45 37.8	....
	May 12, Br.												
20	2 H. Scuti	9	23 32.82	+ 0.15	+12.66	306 23 50.78	47.430	+ 4.74	−1 17.4	18 23 45.63	.....	−14 37 30.1	....
21	23 H. Camelopardalis S. P.	8	29 38.15	− 1.65	+12.66	61 19 56.50	42.712	+ 4.74	+1 44.8	6 29 49.16	.....	+79 40 10.0	....
22	4 H. Scuti	9	36 50.17	+ 0.18	**+12.72**	311 53 51.68	44.020	+ 4.74	−1 3.7	18 37 3.01	.....	− 9 8 33.4	....
23	110 Herculis	9	41 20.65	+ 0.34	**+12.63**	341 27 54.10	46.785	+ 4.74	− 19.2	18 41 33.65	.....	+20 27 16.8	....
24	β Lyræ	9	46 20.91	+ 0.43	+12.66	354 15 55.32	45.545	+ 4.74	− 5.7	18 46 34.00	.....	+33 15 3.2	....
25	θ Serpentis	9	51 15.73	+ 0.25	**+12.66**	325 5 53.80	46.440	+ 4.74	− 39.9	18 51 28.64	.....	+ 4 4 47.8	....
26	ε Aquilæ	9	55 4.73	+ 0.32	**+12.66**	335 57 53.78	44.545	+ 4.74	− 25.5	18 55 17.71	.....	+14 56 19.1	....
27	ζ Aquilæ	9	0 48.68	+ 0.31	**+12.65**	334 43 54.20	47.168	+ 4.74	− 27.0	19 1 1.65	.....	+13 43 17.7	....
28	d Sagittarii	9	11 50.24	+ 0.12	**+12.63**	301 53 53.52	48.575	+ 4.74	−1 31.6	19 12 3.03	.....	−19 7 15.3	....
29	δ Aquilæ	9	20 28.32	+ 0.25	**+12.65**	323 55 53.50	48.345	+ 4.74	− 41.6	19 20 41.24	.....	+ 2 55 29.3	....
30	β Cygni	9	26 39.62	+ 0.39	**+12.68**	348 45 55.58	46.920	+ 4.74	− 11.3	19 26 52.68	.....	+27 45 29.1	....
31	Venus I, C	9	21 44.62	+ 0.30	+12.70	333 47 52.80	45.276	+ 5.40	− 26.9	2 21 57.62	+ 0.31	+12 46 33.8	....
32	Venus II	9	21 45.26	+ 0.30	+12.70	... .	......	....	. ....	2 21 58.26	− 0.33	.. ..	....
	May 13, Br.												
33	Sun I, N	9	18 56.57	+ 0.33	+12.70	339 41 53.60	42.575	+ 5.73	− 20.1	3 19 9.60	+67.02	+18 39 39.9	....
34	Sun II, S	9	21 10.61	+ 0.33	+12.70	339 9 52.98	43.402	+ 5.73	− 20.7	3 21 23.64	−67.02	+18 7 57.7	....
35	x^2 Centauri	9	20 7.81	0.00	+12.74	286 23 50.52	46.716	+ 6.40	−3 5.4	12 20 20.55	− 2.44	−34 39 32.9	+18.0
36	δ Corvi	9	24 42.99	+ 0.10	**+12.74**	305 3 50.22	43.298	+ 6.40	−1 18.9	12 24 55.83	.....	−15 59 4.9	....
37	Groombridge 1922	8	40 25.67	+ 0.46	+12.75	6 59 51.00	42.285	+ 6.40	+ 6.9	12 40 38.88	− 1.59	+45 57 58.5	− 2.3
38	δ Virginis	9	50 34.99	+ 0.19	**+12.75**	324 55 52.62	47.028	+ 6.40	− 38.9	12 50 47.93	.....	+ 3 55 2.7	....
39	ε Virginis	9	57 12.73	+ 0.23	**+12.79**	332 29 50.42	45.035	+ 6.40	− 28.9	12 57 25.71	.....	+11 28 24.9	....
40	43 Comæ Berenices	9	7 12.33	+ 0.32	**+12.77**	349 21 52.25	48.015	+ 6.40	− 10.4	13 7 25.40	.....	+28 21 53.3	....
41	α Virginis	9	19 57.39	+ 0.13	**+12.78**	310 21 50.50	46.118	+ 6.40	−1 5.3	13 20 10.27	.....	−10 39 46.6	....
42	ζ Virginis	9	29 37.17	+ 0.17	**+12.78**	320 55 48.92	43.600	+ 6.40	− 45.2	13 29 50.09	.....	− 0 6 25.6	....
43	13 B. Ursæ Minoris	6	34 41.17	+ 1.08	+12.75	32 43 53.22	46.175	+ 6.40	+ 35.9	13 34 55.00	− 2.32	+71 43 58.6	− 6.5
44	i Centauri	9	40 3.86	+ 0.01	+12.75	288 29 52.15	45.330	+ 6.40	−2 44.4	13 40 16.62	− 2.79	−32 33 41.7	+11.1
45	89 Virginis	9	44 28.74	+ 0.09	**+12.79**	303 21 50.62	47.668	+ 6.40	−1 24.3	13 44 41.58	.....	−17 39 30.0	....
46	92 Virginis	9	51 23.54	+ 0.18	+12.75	322 33 53.10	42.125	+ 6.40	− 42.6	13 51 36.47	− 2.11	+ 1 31 7.5	+ 5.7
47	τ Virginis	9	56 34.77	+ 0.18	**+12.79**	323 1 52.68	45.648	+ 6.40	− 41.9	13 56 47.71	.....	+ 2 0 28.2	....
48	94 Virginis	6	1 2.02	+ 0.14	+12.76	312 35 51.80	44.960	+ 6.40	−1 0.6	14 1 14.92	.....	− 8 26 6.8	....
49	4 Ursæ Minoris	9	9 2.07	+ 1.61	+12.76	38 59 55.15	45.882	+ 6.40	+ 45.3	14 9 16.44	.....	+78 0 3.0	....
50	2 Libræ	9	18 5.04	+ 0.12	+12.76	309 45 52.40	43.860	+ 6.40	−1 7.0	14 18 17.92	− 2.37	−11 16 38.0	+ 5.9
51	g Boötis	9	25 6.28	+ 0.51	+12.76	11 17 55.30	43.408	+ 6.40	+ 11.2	14 25 19.55	− 2.02	+50 16 32.7	− 2.4
52	6 B. Libræ	9	31 42.76	+ 0.12	+12.76	309 7 52.22	45.785	+ 6.40	−1 8.5	14 31 55.64	− 2.40	−11 53 55.7	+ 5.1
53	μ Virginis	9	37 49.43	+ 0.15	**+12.75**	315 47 53.65	43.545	+ 6.40	− 54.3	14 38 2.34	.....	− 5 14 31.2	....
54	8 Libræ	9	45 12.15	+ 0.10	**+12.76**	305 25 52.00	46.160	+ 6.40	−1 18.3	14 45 25.01	.....	−15 35 57.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 16 40	......	....	57.0
17 2	29.92	58.0	56.9
17 29	......	....	56.1
17 51	29.92	57.0	56.0
18 24	29.92	56.8	55.0
18 55	......	....	55.0
19 27	29.91	55.7	54.8
2 22	29.94	75.6	78.9
13 3 19	29.92	77.9	81.0
12 20	29.80	70.1	68.9
12 51	......	....	68.0
13 17	29.795	68.0	....
13 51	......	....	66.2
14 25	29.785	66.3	65.1

Micrometer bisections are made at II, VI, except as noted below.

2, 12, 17.	Bisections at II, VII.
13, 23, 24, 26, 34, 44, 48.	Bisections at VI, VII.
21.	Bisections at b_3, b_5, b_7.
31, 35.	Bisections at I, II, VI, VII.
33.	Bisections at I, II.
37, 49, 51.	Bisections at III, V.
43.	Bisections at IV, V.

Notes.

20. Circle reading decreased 1′.
21. Revolutions of micrometer reading assumed.
35. Circle reading decreased 2′.
35–41. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
31	+ 2.3	.. ....	0.0	+ 2.3
33	+ 3.0	−15 51.1	...	−15 48.1
34	+ 3.1	+15 51.0	...	+15 54.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Ursæ Minoris	9	50 48.01	+ 1.26	+12.76	35 33 54.90	43.345	+ 6.40	+ 40.1	14 51 2.03	.....	+74 32 59.7	....
2	δ Libræ	5	55 39.99	+ 0.14	+12.76	312 53 51.75	44.365	+ 6.40	−1 0.1	14 55 52.89	− 2.37	− 8 8 19.9	+ 3.3
3	ψ Boötis	9	0 8.90	+ 0.31	**+12.77**	348 19 54.58	46.482	+ 6.40	− 11.5	15 0 21.97	.....	+27 19 19.5	....
4	ι Libræ	9	6 34.58	+ 0.08	**+12.78**	301 35 51.60	47.228	+ 6.40	−1 30.6	15 6 47.42	.....	−19 25 45.4	....
	May 13, M.												
5	34 Herculis	9	27 16.72	+ 0.51	+12.86	10 11 55.12	42.600	+ 6.66	+ 10.2	16 27 30.09	− 2.22	+49 10 13.2	0.0
6	ζ Ophiuchi	9	31 41.68	+ 0.14	**+12.88**	310 39 48.65	44.650	+ 6.66	−1 5.3	16 31 54.68	.....	−10 22 21.7	....
7	35 B. Camelopardalis s. P.	9	35 40.44	− 1.13	+12.86	65 13 55.95	42.505	+ 6.66	+2 1.5	4 35 52.17	.....	+75 45 56.5	....
8	114 B. Draconis	7	43 17.31	+ 0.63	+12.86	17 57 56.60	44.835	+ 6.66	+ 18.3	16 43 30.80	.....	+56 57 13.9	....
9	49 Herculis	9	47 31.57	+ 0.26	+12.86	336 9 52.40	44.000	+ 6.66	− 24.8	16 47 44.69	.....	+15 8 7.6	....
10	d Herculis	9	57 52.58	+ 0.37	+12.86	354 43 53.88	43.865	+ 6.66	− 5.1	16 58 5.81	.....	+33 42 25.6	....
11	η Ophiuchi	9	4 41.77	+ 0.12	**+12.80**	305 25 51.65	45.302	+ 6.66	−1 18.8	17 4 54.75	.....	−15 36 17.3	....
12	A Ophiuchi (*south*)	5	9 16.21	+ 0.06	+12.86	294 35 50.00	43.738	+ 6.66	−2 2.1	17 9 29.13	.....	−26 27 38.2	....
13	A Ophiuchi (*north*)	5	9 16.27	+ 0.06	+12.86	294 35 50.00	43.918	+ 6.66	−2 2.1	17 9 29.19	.....	−26 27 33.6	....
14	θ Ophiuchi	9	15 56.48	+ 0.07	+12.86	296 7 51.05	47.312	+ 6.66	−1 54.0	17 16 9.41	.....	−24 54 7.1	....
15	σ Ophiuchi	9	21 34.13	+ 0.21	**+12.87**	325 14	......	+ 6.66	....	17 21 47.21	.....	+ 4 13	....
16	74 B. Camelopardalis s. P.	8	26 39.17	− 1.09	+12.87	65 59 56.62	45.265	+ 6.66	+2 6.3	5 26 50.95	.....	+74 58 48.0	....
17	ξ Serpentis	9	31 54.77	+ 0.12	**+12.75**	305 41 51.65	45.530	+ 6.66	−1 18.1	17 32 7.76	.....	−15 20 11.4	....
18	ι Herculis	9	36 34.13	+ 0.49	+12.87	7 3 55.60	45.885	+ 6.66	+ 7.1	17 36 47.49	.....	+46 3 25.7	....
19	μ Herculis	9	42 30.87	+ 0.34	**+12.88**	348 47 54.60	44.618	+ 6.66	− 11.1	17 42 44.08	.....	+27 46 37.6	....
20	z Herculis	9	47 21.34	+ 0.52	+12.87	9 25 55.40	45.212	+ 6.66	+ 9.4	17 47 34.73	− 2.16	+48 25 12.4	+ 2.0
21	ν Ophiuchi	9	53 33.62	+ 0.15	**+12.89**	311 15 50.35	46.470	+ 6.66	−1 4.1	17 53 46.64	.....	− 9 45 37.2	....
22	δ Ursæ Minoris	9	3 8.94	+ 5.60	+12.87	47 35 56.65	47.156	+ 6.66	+1 1.9	18 3 27.41	.....	+86 36 50.3	....
23	δ Sagittarii	9	14 40.42	+ 0.04	+12.87	291 11 51.05	43.795	+ 6.66	−2 24.0	18 14 53.33	.....	−29 51 57.5	....
24	109 Herculis	9	19 25.22	+ 0.31	**+12.83**	342 43 52.58	47.478	+ 6.66	− 17.5	18 19 38.40	.....	+21 43 34.6	....
25	2 H. Scuti	9	23 32.65	+ 0.13	+12.87	306 23 50.82	47.308	+ 6.66	−1 16.2	18 23 45.65	.....	−14 37 29.7	....
26	23 H. Camelopardalis s. P.	9	29 37.50	− 1.67	+12.87	61 19 56.90	42.675	+ 6.66	+1 43.1	6 29 48.70	.....	+79 40 10.0	....
27	4 H. Scuti	9	36 50.01	+ 0.16	**+12.92**	311 53 51.28	43.932	+ 6.66	−1 2.7	18 37 3.04	.....	− 9 8 32.9	....
28	110 Herculis	9	41 20.54	+ 0.31	**+12.79**	341 27 53.05	46.760	+ 6.66	− 18.8	18 41 33.72	.....	+20 27 17.3	....
29	β Lyræ	9	46 20.80	+ 0.39	+12.87	354 15 54.58	45.498	+ 6.66	− 5.6	18 46 34.06	.....	+33 15 3.2	....
30	51 H. Cephei s. P.	9	55 23.44	− 6.63	+12.88	53 47 55.95	44.184	+ 6.66	+1 17.1	6 55 29.69	.....	+87 12 2.2	....
31	π Sagittarii	9	3 52.31	+ 0.10	+12.88	299 51 51.20	45.888	+ 6.66	−1 37.8	19 4 5.29	.....	−21 10 23.3	....
32	25 H. Camelopardalis s. P.	9	10 40.18	− 2.42	+12.88	58 23 56.35	43.934	+ 6.66	+1 31.7	7 10 50.64	.....	+82 35 53.2	....
33	τ Draconis	9	17 13.22	+ 1.26	+12.88	34 9 55.82	47.548	+ 6.66	+ 38.4	19 17 27.36	.....	+73 10 35.1	....
34	Venus I, C	7	26 28.44	+ 0.23	+12.98	334 11 53.72	47.806	+ 6.46	− 26.2	2 26 41.65	+ 0.30	+13 11 34.3	....
35	Venus II	7	26 29.06	+ 0.23	+12.98	... .	......	....	. ....	2 26 42.27	− 0.32	.. ..	....
	May 14, M.												
36	Sun I, S.	9	22 52.59	+ 0.26	+12.99	339 23 51.78	45.075	+ 6.31	− 20.3	3 23 5.84	+66.96	+18 22 35.6	....
37	Sun II, N	9	25 6.52	+ 0.26	+12.99	339 55 52.82	44.168	+ 6.31	− 19.8	3 25 19.77	−66.97	+18 54 16.5	....
	May 15, R.												
38	μ Herculis	9	42 30.40	+ 0.39	**+13.34**	348 47 55.65	44.668	+ 4.53	− 11.5	17 42 44.09	.....	+27 46 37.3	....
39	ξ Draconis	9	51 40.46	+ 0.74	+13.31	17 53 56.50	44.995	+ 4.44	+ 18.9	17 51 54.51	.....	+56 53 15.7	....
40	δ Ursæ Minoris	9	3 8.22	+ 6.09	+13.31	47 35 57.60	47.085	+ 4.35	+1 3.8	18 3 27.62	.....	+86 36 49.1	....
41	η Serpentis	9	16 9.08	+ 0.20	**+13.30**	318 6	......	....	. ....	18 16 22.59	.....	− 2 55	....
42	109 Herculis	9	19 24.81	+ 0.35	**+13.25**	342 43 53.55	47.598	+ 4.22	− 18.0	18 19 38.47	.....	+21 43 35.3	....
43	c Serpentis	9	24 29.75	+ 0.20	+13.31	318 59 53.70	42.892	+ 4.18	− 50.5	18 24 43.26	− 2.02	− 2 2 44.3	− 5.9
44	4 H. Scuti	9	36 49.62	+ 0.16	**+13.36**	311 53 51.52	44.155	+ 4.07	−1 4.7	18 37 3.09	.....	− 9 8 32.1	....
45	110 Herculis	9	41 20.08	+ 0.34	**+13.27**	341 27 55.05	46.875	+ 4.04	− 19.4	18 41 33.73	.....	+20 27 18.7	....
46	51 H. Cephei s. P.	8	55 23.89	− 6.80	+13.31	53 47 56.35	44.150	+ 3.92	+1 19.5	6 55 30.40	.....	+87 12 2.8	....
47	25 H. Camelopardalis s. P.	9	10 39.81	− 2.43	+13.32	58 23 56.75	43.788	+ 3.79	+1 34.6	7 10 50.70	.....	+82 35 54.2	....
48	δ Aquilæ	8	20 27.76	+ 0.23	**+13.31**	323 55 53.22	48.430	+ 3.71	− 42.3	19 20 41.31	.....	+ 2 55 29.5	....
49	β Cygni	9	26 39.03	+ 0.39	**+13.35**	348 45 55.78	46.985	+ 3.66	− 11.5	19 26 52.74	.....	+27 45 29.5	....
50	Venus I, C	9	35 58.81	+ 0.34	+13.37	335 1 53.52	45.532	+ 4.32	− 26.4	2 36 12.52	+ 0.32	+14 0 39.8	....
51	Venus II	9	35 59.46	+ 0.34	+13.37	... .	......	....	. ....	2 36 13.17	− 0.33	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 15 7	29.775	65.2	64.0
16 27	29.75	63.4	62.0
16 54	......	....	61.2
17 32	......	....	60.4
17 43	29.74	61.8	....
17 58	......	....	60.1
18 27	29.72	61.3	59.7
19 24	29.71	60.5	59.0
2 22	29.705	75.8	77.2
14 3 25	29.68	77.5	79.3
15 17 44	29.68	46.3	44.1
18 10	......	....	44.1
18 33	29.68	45.8	43.9
19 1	......	....	44.0
19 30	29.69	45.7	43.9
2 35	29.775	59.2	57.3

Micrometer bisections are made at II, VI, except as noted below.

1, 16, 26. Bisections at III, V.
2, 13, 37, 43, 47, 48. Bisections at VI, VII.
7, 40, 46. Bisections at III, IV, V.
8, 33. Bisections at III, VI.
12, 36. Bisections at I, II.
22, 32. Bisections at b_1, b_2, b_5, b_8, b_9.
30. Bisections at b_1, b_3, b_5, b_7, b_9.
34. Bisections at I, II, VI, VII.
50. Bisections at I, II, VII.

Notes.

7, 12, 13. Poor.
31–33. Seeing bad.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
34	+ 2.3	.. ....	0.0	+ 2.3
36	+ 3.0	+15 50.4	...	+15 53.4
37	+ 2.9	−15 50.4	...	−15 47.5
50	+ 2.2	.. ....	0.0	+ 2.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	May 16, R.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	5	30 46.00	+ 0.38	+13.37	339 51 54.75	45.872	+ 4.13	− 20.7	3 30 59.75	+67.33	+18 50 54.2	....
2	Sun II, N.	9	33 0.66	+ 0.38	+13.37	340 23 55.28	45.048	+ 4.13	− 20.1	3 33 14.41	−67.33	+19 22 36.6	....
	May 16, Br.												
3	*d* Herculis.	9	57 52.06	+ 0.42	+13.39	354 43 55.42	43.942	+ 4.28	− 5.2	16 58 5.87	.....	+33 42 26.5	....
4	η Ophiuchi.	9	4 41.30	+ 0.10	**+13.35**	305 25 53.55	45.388	+ 4.28	−1 19.9	17 4 54.79	.....	−15 36 16.9	....
5	*A* Ophiuchi (*south*).	4	9 15.78	+ 0.03	+13.39	294 35 53.88	43.748	+ 4.28	−2 3.8	17 9 29.20	.....	−26 27 37.9	....
6	*A* Ophiuchi (*north*).	5	9 15.90	+ 0.03	+13.39	294 35 53.88	43.932	+ 4.28	−2 3.8	17 9 29.32	.....	−26 27 33.6	....
7	σ Ophiuchi.	9	21 33.63	+ 0.22	**+13.41**	325 13 54.42	48.230	+ 4.28	− 39.5	17 21 47.24	.....	+ 4 13 29.2	....
8	74 B. Camelopardalis S. P.	9	26 38.88	− 1.13	+13.39	65 59 57.30	45.262	+ 4.28	+2 8.0	5 26 51.14	.....	+74 58 48.1	....
9	μ Herculis.	9	42 30.37	+ 0.37	**+13.41**	348 47 56.92	44.665	+ 4.28	− 11.3	17 42 44.13	.....	+27 46 38.3	....
10	*z* Herculis.	9	47 20.92	+ 0.58	+13.40	9 25 57.20	45.238	+ 4.28	+ 9.6	17 47 34.90	− 2.22	+48 25 12.7	+ 1.0
11	89 Herculis.	9	51 21.11	+ 0.36	**+13.44**	347 3 55.75	48.192	+ 4.28	− 13.0	17 51 34.87	.....	+26 3 56.1	....
12	72 Ophiuchi.	9	2 36.31	+ 0.26	**+13.38**	330 33 54.82	46.790	+ 4.28	− 32.1	18 2 49.97	.....	+ 9 33 4.1	....
13	η Serpentis.	9	16 9.05	+ 0.18	**+13.37**	318 5 55.85	46.588	+ 4.28	− 51.1	18 16 22.63	.....	− 2 55 18.7	....
14	109 Herculis.	9	19 24.66	+ 0.33	**+13.44**	342 43 54.70	47.540	+ 4.28	− 17.7	18 19 38.39	.....	+21 43 35.5	....
15	4 H. Scuti.	8	36 49.57	+ 0.15	**+13.44**	311 53 53.58	43.995	+ 4.28	−1 3.5	18 37 3.12	.....	− 9 8 32.3	....
16	110 Herculis.	9	41 20.06	+ 0.32	**+13.33**	341 27 57.38	46.730	+ 4.28	− 19.1	18 41 33.78	.....	+20 27 18.3	....
	May 23, M.												
17	Moon I.	8	34 31.30	+ 0.22	+ 3.03	322 54	......	....	.....	11 34 34.55	+67.24	.. ..	....
18	6 B. Ursæ Minoris.	9	14 8.28	+11.95	+ 3.03	49 14	......	....	.....	12 14 23.26	.....	+88 14	....
19	ρ Virginis.	9	37 0.01	+ 0.25	**+ 3.01**	331 48	......	....	.....	12 37 3.29	.....	+10 45	....
20	ε Virginis.	9	57 22.43	+ 0.25	**+ 3.00**	332 30	......	....	.....	12 57 25.70	.....	+11 28	....
21	α Ursæ Minoris S. P.	9	24 22.06	−17.53	+ 3.02	52 12	......	....	.....	1 24 7.55	.....	+88 47	....
22	η Boötis.	9	50 5.52	+ 0.28	**+ 2.96**	339 54	......	....	.....	13 50 8.82	.....	+18 52	....
23	*d* Boötis.	9	5 59.81	+ 0.31	**+ 3.09**	346 34	......	....	.....	14 6 3.14	.....	+25 32	....
24	ψ Boötis.	9	0 18.65	+ 0.32	**+ 3.03**	348 20	......	....	.....	15 0 21.98	.....	+27 19	....
	May 24, Ei.-Y.												
25	Moon I, N.	9	30 10.44	+ 0.25	+ 2.82	318 29 54.50	44.822	+ 6.77	− 48.2	12 30 13.51	+67.05	− 2 31 54.8	....
26	ρ Virginis.	9	37 0.12	+ 0.29	**+ 2.85**	331 45 54.42	48.505	+ 6.77	− 29.3	12 37 3.23	.....	+10 45 48.2	....
27	B. D.− 2°3567.	9	39 14.28	+ 0.25	+ 2.82	318 41 55.22	46.840	+ 6.77	− 47.9	12 39 17.35	− 1.84	− 2 19 7.6	+ 9.4
28	B. D.− 3°3360.	9	42 36.15	+ 0.25	+ 2.82	316 51 54.38	45.900	+ 6.77	− 51.1	12 42 39.22	− 1.88	− 4 9 33.1	+ 9.8
29	B. D.− 1°2731.	9	45 27.07	+ 0.25	+ 2.82	319 43 53.90	43.860	+ 6.77	− 46.2	12 45 30.14	− 1.85	− 1 18 15.3	+ 8.8
30	B. D.+ 2°2596.	8	48 51.30	+ 0.27	+ 2.82	323 19 54.60	44.890	+ 6.77	− 40.7	12 48 54.39	− 1.82	+ 2 18 14.4	+ 7.6
31	δ Virginis.	9	50 44.81	+ 0.27	**+ 2.79**	324 55 55.38	46.880	+ 6.77	− 38.3	12 50 47.89	.....	+ 3 55 3.0	....
32	B. D.−12°3726.	9	52 33.32	+ 0.23	+ 2.81	308 43 53.08	46.350	+ 6.77	−1 8.0	12 52 36.36	− 2.05	−12 17 41.0	+11.4
33	B. D.− 2°3609.	9	55 38.15	+ 0.25	+ 2.81	318 9 54.35	46.552	+ 6.77	− 48.9	12 55 41.21	− 1.92	− 2 51 16.1	+ 8.8
34	B. D.− 2°3620.	9	58 19.62	+ 0.25	+ 2.81	318 33 55.38	47.194	+ 6.77	− 48.2	12 58 22.68	− 1.93	− 2 26 59.7	+ 8.5
35	B. D.−12°3751.	9	0 30.95	+ 0.23	+ 2.81	308 45 53.65	43.870	+ 6.77	−1 8.0	13 0 33.99	− 2.09	−12 16 37.4	+11.0
36	B. D.− 1°2772.	9	1 56.74	+ 0.26	+ 2.81	319 37 53.98	45.570	+ 6.77	− 46.5	13 1 59.81	− 1.93	− 1 23 36.4	+ 8.0
37	θ Virginis.	9	4 57.61	+ 0.25	**+ 2.85**	315 59 53.55	45.550	+ 6.77	− 52.8	13 5 0.67	.....	− 5 1 43.6	....
38	B. D.− 3°3428.	9	8 41.43	+ 0.25	+ 2.81	317 9 54.02	44.315	+ 6.77	− 50.7	13 8 44.49	− 2.00	− 3 52 9.3	+ 8.4
39	B. D.−12°3785.	9	11 53.39	+ 0.23	+ 2.81	308 21 52.95	47.470	+ 6.77	−1 9.0	13 11 56.43	− 2.15	−12 39 16.5	+10.4
40	B. D.−10°3655.	9	15 16.49	+ 0.24	+ 2.81	310 13 52.92	44.992	+ 6.77	−1 4.7	13 15 19.54	− 2.13	−10 48 8.9	+ 9.7
41	B. D.− 4°3469.	9	18 19.34	+ 0.25	+ 2.81	316 35 54.78	46.182	+ 6.77	− 51.8	13 18 22.40	− 2.05	− 4 25 27.0	+ 8.0
42	B. D.− 6°3811(*pr.*).	9	20 19.11	+ 0.25	+ 2.81	313 55 54.38	47.300	+ 6.77	− 56.8	13 20 22.17	− 2.09	− 7 5 6.8	+ 8.5
43	B. D.− 0°2694.	8	24 18.23	+ 0.26	+ 2.81	320 9 53.92	44.310	+ 6.77	− 45.7	13 24 21.30	− 2.02	− 0 52 4.5	+ 6.8
44	B. D.− 4°3515.	9	30 30.67	+ 0.25	+ 2.81	316 7 54.12	43.368	+ 6.77	− 52.7	13 30 33.73	− 2.11	− 4 54 32.8	+ 7.4
45	B. D.−14°3767.	9	34 10.33	+ 0.23	+ 2.81	306 19 52.82	42.145	+ 6.77	−1 14.5	13 34 13.37	− 2.28	−14 43 23.9	+ 9.4
46	*m* Virginis.	9	36 33.49	+ 0.25	**+ 2.77**	312 47 54.35	47.095	+ 6.77	− 59.1	13 36 36.55	.....	− 8 13 13.8	....
47	B. D.− 3°3522.	9	38 30.71	+ 0.26	+ 2.81	317 13 53.52	45.988	+ 6.77	− 50.7	13 38 33.78	− 2.12	− 3 47 31.6	+ 6.7
48	B. D.−11°3591.	9	40 48.48	+ 0.24	+ 2.81	309 3 53.30	48.472	+ 6.77	−1 7.4	13 40 51.53	− 2.26	−11 56 51.7	+ 8.4
49	B. D.−16°3747.	9	43 38.07	+ 0.23	+ 2.81	304 31 53.65	45.345	+ 6.77	−1 19.6	13 43 41.11	− 2.36	−16 30 15.2	+ 9.1
50	89 Virginis.	9	44 38.59	+ 0.23	**+ 2.77**	303 21 52.85	47.460	+ 6.77	−1 23.1	13 44 41.63	.....	−17 39 31.0	....
51	B. D.− 9°3793.	9	47 47.32	+ 0.24	+ 2.81	310 49 52.00	43.720	+ 6.77	−1 3.5	13 47 50.37	− 2.26	−10 12 37.7	+ 7.6
52	B. D.−11°3626.	9	50 2.48	+ 0.24	+ 2.81	309 3 53.15	43.488	+ 6.77	−1 7.6	13 50 5.53	− 2.30	−11 58 46.0	+ 7.8
53	B. D.−15°3781.	9	53 33.36	+ 0.23	+ 2.81	305 35 53.45	44.985	+ 6.77	−1 16.5	13 53 36.40	− 2.37	−15 26 20.4	+ 8.2
54	B. D.− 9°3832.	9	56 31.57	+ 0.25	+ 2.81	311 33 51.75	43.478	+ 6.77	−1 1.9	13 56 34.63	− 2.28	− 9 28 41.9	+ 6.9
55	B. D.− 8°3689.	9	59 15.58	+ 0.25	+ 2.81	312 13 52.35	45.455	+ 6.77	−1 0.4	13 59 18.64	− 2.28	− 8 47 54.6	+ 6.6

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
16 3 33	29.77	60.4	59.2	1, 13, 35. Bisections at I, II.	1	+ 2.9	+15 51.2	...	+15 54.1
16 58	29.69	54.8	53.3	2. Bisections at VI, VII.	2	+ 2.9	−15 51.2	...	−15 48.3
17 28	.....	....	53.0	6. Bisections at I, VII.	25	+38 55.1	−16 7.7	...	+22 47.4
17 59	29.68	54.0	53.0	8. Bisections at III, IV, V.					
18 41	.....	....	52.8	9. Bisections at I, II, VI.					
19 7	29.67	53.9	....	10. Bisections at III, V.					
24 12 22	29.88	79.5	78.5	25. Bisections at II, III, IV, V, VI.					
12 41	.....	....	77.9	30, 36, 42. Bisections at II, VII.					
12 57	.....	....	77.2	49. Bisection at II.					
13 28	29.90	77.0	76.0						
13 52	.....	....	75.2						
				Note.					
				3–16, 43. Clouds; faint at times.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	94 Virginis	9	1 11.90	+ 0.25	+ 2.81	312 35 53.18	44.850	+ 6.77	− 59.7	14 1 14.96	....	− 8 26 6.9	....
2	B. D.−12°3966 (*fol.*)	9	2 52.54	+ 0.24	+ 2.81	308 33 52.85	44.905	+ 6.77	−1 8.8	14 2 55.59	− 2.35	−12 28 15.1	+ 7.0
3	B. D.−14°3893	5	5 59.60	+ 0.24	+ 2.81	306 15 53.28	46.885	+ 6.77	−1 14.7	14 6 2.65	− 2.41	−14 45 35.0	+ 7.2
4	B. D.− 5°3837	9	9 20.39	+ 0.26	+ 2.81	315 31 54.08	44.435	+ 6.77	− 53.9	14 9 23.46	− 2.26	− 5 30 9.7	+ 5.4
5	B. D.−19°3846	9	12 7.14	+ 0.23	+ 2.81	301 31 52.75	43.248	+ 6.77	−1 29.3	14 12 10.18	− 2.53	−19 31 13.8	+ 7.6
6	B. D.−18°3789	9	13 19.03	+ 0.23	+ 2.81	302 45 52.12	45.228	+ 6.77	−1 25.1	14 13 22.07	− 2.50	−18 16 24.7	+ 7.3
7	B. D.—14°3944	9	18 36.73	+ 0.24	+ 2.80	306 31 52.90	42.028	+ 6.77	−1 14.1	14 18 39.77	− 2.44	−14 31 26.1	+ 6.3
8	B. D.−16°3867	9	21 39.35	+ 0.24	+ 2.80	303 49 52.70	42.738	+ 6.77	−1 21.9	14 21 42.39	− 2.51	−17 13 17.8	+ 6.5
9	B. D.− 8°3781	9	23 2.96	+ 0.26	+ 2.80	312 41 54.08	45.985	+ 6.77	− 59.5	14 23 6.02	− 2.34	− 8 19 39.9	+ 5.0
10	B. D.−21°3917	9	25 13.49	+ 0.22	+ 2.80	298 59 51.82	46.552	+ 6.77	−1 38.7	14 25 16.51	− 2.63	−22 2 8.3	+ 6.9
11	B. D.− 9°3962	9	27 25.74	+ 0.26	+ 2.80	311 41 52.80	44.950	+ 6.77	−1 1.6	14 27 28.80	− 2.37	− 9 20 6.9	+ 4.9
12	B. D.− 9°3975	9	33 50.04	+ 0.26	+ 2.80	310 53 52.10	44.050	+ 6.77	−1 3.4	14 33 53.10	− 2.40	−10 8 30.2	+ 4.6
13	B. D.−13°3957	9	36 47.62	+ 0.25	+ 2.80	307 35 53.58	43.855	+ 6.77	−1 11.3	14 36 50.67	− 2.47	−13 26 40.8	+ 4.9
14	B. D.− 9°3984	9	38 16.16	+ 0.26	+ 2.80	311 43 51.82	46.550	+ 6.77	−1 1.6	14 38 19.22	− 2.40	− 9 17 31.3	+ 4.2
15	B. D.−18°3891	9	40 39.05	+ 0.23	+ 2.80	302 27 53.08	44.860	+ 6.77	−1 26.2	14 40 42.08	− 2.59	−18 34 33.3	+ 5.3
16	B. D.−14°4055	9	47 12.92	+ 0.24	+ 2.80	306 1 53.28	46.688	+ 6.77	−1 15.5	14 47 15.96	− 2.53	−14 59 40.6	+ 4.4
17	B. D.−19°3979	9	49 38.66	+ 0.23	+ 2.80	301 25 53.02	42.828	+ 6.77	−1 29.8	14 49 41.69	− 2.64	−19 37 23.3	+ 4.7
18	ξ^2 Libræ	9	51 32.85	+ 0.26	+ **2.81**	310 1 53.62	41.700	+ 6.77	−1 5.5	14 51 35.91	....	−11 1 24.2	....
19	B. D.−19°4000	9	54 33.28	+ 0.23	+ 2.80	301 15 53.30	46.560	+ 6.77	−1 30.3	14 54 36.31	− 2.65	−19 45 58.3	+ 4.3
20	B. D.−21°4015	9	56 58.31	+ 0.23	+ 2.80	299 23 52.32	46 282	+ 6.77	−1 37.3	14 57 1.34	− 2.70	−21 38 12.8	+ 4.3
21	B. D.−17°4243	7	57 42.18	+ 0.24	+ 2.80	303 47 53.35	42.650	+ 6.77	−1 22.1	14 57 45.22	− 2.60	−17 15 19.1	+ 3.8
22	B. D.−13°4065	8	0 43.08	+ 0.25	+ 2.80	307 9 53.25	42.815	+ 6.77	−1 12.6	15 0 46.13	− 2.54	−13 53 6.2	+ 3.3
23	B. D.−11°3881	9	2 52.14	+ 0.26	+ 2.80	309 21 52.48	43.135	+ 6.77	−1 7.0	15 2 55.20	− 2.47	−11 40 54.1	+ 2.9
24	ι Libræ	9	6 44.47	+ 0.24	+ **2.79**	301 35 53.42	47.030	+ 6.77	−1 29.2	15 6 47.51	....	−19 25 46.3	....
25	β^1 Scorpii	9	59 50.90	+ 0.24	+ **2.77**	301 29 53.50	44.940	+ 7.00	−1 29.8	15 59 53.93	....	−19 32 34.4	....
26	C. P. D.−23°6332	9	2 59.35	+ 0.24	+ 2.79	297 35 53.08	47.795	+ 7.00	−1 45.1	16 3 2.38	− 2.81	−23 25 44.8	− 1.0
27	ν Scorpii (*mean*)	8	6 24.48	+ 0.24	+ **2.83**	301 49 52.08	44.700	+ 7.00	−1 28.7	16 6 27.51	....	−19 12 40.2	....
28	C. P. D.−25°5777	9	9 4.10	+ 0.23	+ 2.79	295 47 53.10	47.508	+ 7.00	−1 53.6	16 9 7.12	− 2.86	−25 13 59.9	− 1.5
29	B. D.−19°4350	9	11 22.06	+ 0.24	+ 2.79	301 9 51.70	46.785	+ 7.00	−1 31.0	16 11 25.09	− 2.73	−19 51 55.2	− 1.6
30	B. D.−18°4266	9	14 55.14	+ 0.25	+ 2.79	302 33 53.02	47.570	+ 7.00	−1 26.2	16 14 58.18	− 2.69	−18 27 31.1	− 1.9
31	C. P. D.−26°5634	9	18 35.89	+ 0.23	+ 2.79	294 7 52.58	43.622	+ 7.00	−2 2.7	16 18 38.91	− 2.90	−26 55 38.3	− 2.3
32	B. D.−15°4324	9	22 46.71	+ 0.26	+ 2.79	305 1 53.72	46.500	+ 7.00	−1 18.6	16 22 49.76	− 2.64	−15 59 47.3	− 2.4
33	C. P. D.−26°5659	9	25 29.04	+ 0.23	+ 2.79	294 43 52.52	43.348	+ 7.00	−1 59.4	16 25 32.06	− 2.88	−26 19 41.3	− 2.9
34	B. D.−15°4340	9	28 34.07	+ 0.26	+ 2.79	305 41 53.40	47.235	+ 7.00	−1 16.7	16 28 37.12	− 2.62	−15 19 28.9	− 2.8
35	B. D.−16°4317	8	32 5.82	+ 0.25	+ 2.79	304 21 53.40	47.930	+ 7.00	−1 20.6	16 32 8.86	− 2.65	−16 39 16.9	− 3.0
36	B. D.−15°4369	9	35 34.77	+ 0.26	+ 2.79	305 51 53.18	45.580	+ 7.00	−1 16.3	16 35 37.82	− 2.62	−15 10 6.6	− 3.2
37	C. P. D.−26°5712	9	37 55.59	+ 0.23	+ 2.79	294 25 52.10	44.038	+ 7.00	−2 1.1	16 37 58.61	− 2.87	−26 37 27.7	− 3.9
38	C. P. D.−28°5423	9	43 13.21	+ 0.23	+ 2.79	292 5 53.00	45.550	+ 7.00	−2 15.2	16 43 16.23	− 2.93	−28 57 6.5	− 4.5
39	C. P. D.−26°5738	9	44 14.37	+ 0.23	+ 2.79	294 27 52.55	46.720	+ 7.00	−2 0.8	16 44 17.39	− 2.86	−26 34 25.3	− 4.4
40	C. P. D.−25°5882	9	48 26.80	+ 0.23	+ 2.79	295 21 51.85	47.203	+ 7.00	−1 56.0	16 48 29.82	− 2.83	−25 40 10.4	− 4.7
41	24 Ophiuchi	9	51 0.29	+ 0.24	+ 2.79	298 1 53.15	47.575	+ 7.00	−1 43.4	16 51 3.32	− 2.76	−22 59 48.1	− 4.7
42	C. P. D.−24°5784	9	54 16.38	+ 0.23	+ 2.79	296 11 52.68	46.145	+ 7.00	−1 51.9	16 54 19.40	− 2.80	−24 50 29.7	− 5.1
43	B. D.−22°4269	9	57 33.42	+ 0.24	+ 2.79	298 1 52.72	45.098	+ 7.00	−1 43.5	16 57 36.45	− 2.75	−23 0 45.2	− 5.2
44	B. D.−21°4512	9	0 27.52	+ 0.24	+ 2.79	299 35 52.90	47.300	+ 7.00	−1 37.0	17 0 30.55	− 2.71	−21 25 48.2	− 5.3
45	C. P. D.−29°4601	7	5 51.39	+ 0.22	+ 2.79	291 41 53.90	45.535	+ 7.00	−2 17.9	17 5 54.40	− 2.89	−29 21 8.4	− 6.4
46	C. P. D.−26°5854	9	8 15.28	+ 0.23	+ 2.78	294 9 51.40	47.725	+ 7.00	−2 2.5	17 8 18.29	− 2.82	−26 52 5.5	− 6.4
47	B. D.−17°4759	9	11 8.26	+ 0.25	+ 2.78	303 13 52.32	45.405	+ 7.00	−1 24.3	17 11 11.29	− 2.61	−17 48 19.4	− 5.7
48	B. D.−22°4318	9	13 6.87	+ 0.24	+ 2.78	298 25 52.98	46.420	+ 7.00	−1 41.8	17 13 9.89	− 2.71	−22 36 13.1	− 6.3
49	θ Ophiuchi	9	16 6.58	+ 0.23	+ 2.78	296 7 52.98	47.120	+ 7.00	−1 52.3	17 16 9.59	....	−24 54 7.6	....
50	B. D.−21°4597	9	18 57.15	+ 0.24	+ 2.78	299 41 53.70	44.065	+ 7.00	−1 36.8	17 19 0.17	− 2.67	−21 21 1.2	− 6.6
51	C. P. D.−28°5659	9	22 21.96	+ 0.22	+ 2.78	292 3 51.98	47.022	+ 7.00	−2 15.5	17 22 24.96	− 2.84	−28 58 34.0	− 7.6
52	C. P. D.−28°5694	9	25 53.41	+ 0.23	+ 2.78	292 59 51.88	46.565	+ 7.00	−2 9.6	17 25 56.42	− 2.80	−28 2 38.5	− 7.8
53	B. D.−20°4823	9	31 47.31	+ 0.24	+ 2.78	300 23 52.68	47.512	+ 7.00	−1 34.1	17 31 50.33	− 2.62	−20 37 40.7	− 7.3
54	B. D.−17°4871	9	33 29.78	+ 0.25	+ 2.78	303 37 52.70	47.908	+ 7.00	−1 23.1	17 33 32.81	− 2.56	−17 23 20.6	− 7.0
55	B. D.−21°4712	9	37 40.18	+ 0.24	+ 2.78	299 23 52.75	46.665	+ 7.00	−1 38.0	17 37 43.20	− 2.62	−21 38 3.9	− 7.9
56	B. D.−20°4874	9	41 47.21	+ 0.24	+ 2.78	300 13 53.10	46.825	+ 7.00	−1 34.8	17 41 50.23	− 2.59	−20 47 56.7	− 8.0
57	C. P. D.−24°5966	9	44 4.80	+ 0.23	+ 2.78	296 51 52.72	46.240	+ 7.00	−1 48.9	17 44 7.81	− 2.65	−24 10 24.5	− 8.6
58	B. D.−19°4725	9	46 7.46	+ 0.24	+ 2.78	301 31 52.92	47.222	+ 7.00	−1 30.1	17 46 10.48	− 2.55	−19 29 43.0	− 8.1
59	C. P. D.−24°6017	9	48 59.08	+ 0.23	+ 2.78	296 9 51.75	47.620	+ 7.00	−1 52.2	17 49 2.09	− 2.65	−24 51 57.2	− 9.0
60	B. D.−20°4922	9	51 31.18	+ 0.24	+ 2.78	300 51 52.95	44.098	+ 7.00	−1 32.5	17 51 34.20	− 2.55	−20 10 56.8	− 8.5
61	ν Ophiuchi	9	53 43.87	+ 0.27	+ **2.74**	311 15 52.20	46.345	+ 7.00	−1 3.1	17 53 46.92	....	− 9 45 36.9	....
62	B. D.−22°4503	9	56 4.97	+ 0.24	+ 2.78	298 15 54.92	45.595	+ 7.00	−1 42.7	17 56 7.99	− 2.58	−22 46 30.9	− 9.2
63	B. D.−18°4789	9	1 3.02	+ 0.25	+ 2.78	302 1 53.00	47.875	+ 7.00	−1 28.3	18 1 6.05	− 2.50	−18 59 26.3	− 8.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 14 14	29.895	75.8	74.9
14 43	......	....	74.1
15 8	[illegible]	74.5	73.5
15 57	29.88	73.5	72.0
16 20	......	....	71.5
16 46	29.88	72.4	71.1
17 2	......	....	71.0
17 28	29.875	71.5	70.1
17 55	......	....	69.8

Micrometer bisections are made at II, VI, except as noted below.

3, 21, 39.	Bisections at VI, VII.
5, 20, 38.	Bisections at I, II.
12.	Bisection at II.
34, 45, 52, 58, 59.	Bisections at II, VII.
40.	Bisections at II, VI, VII.

Note.

40. Image poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −20°5003........	9	2 59.04	+ 0.24	+ 2.78	300 55 52.85	46.860	+ 7.00	−1 32.2	18 3 2.06	− 2.51	−20 5 53.5	− 9.2
2	C. P. D. −23°6929.......	9	5 51.41	+ 0.24	+ 2.78	297 19 51.90	44.372	+ 7.00	−1 46.8	18 5 54.43	− 2.56	−23 43 5.9	− 9.9
3	η Serpentis..............	9	16 19.77	+ 0.29	+ **2.72**	318 5 55.52	46.425	+ 7.00	− 49.7	18 16 22.84	.....	− 2 55 18.4	....
	May 24, R.												
4	θ Serpentis..............	9	51 25.85	+ 0.34	+ **2.74**	325 5 54.12	46.325	+ 7.43	− 38.7	18 51 28.91	.....	+ 4 4 49.4	....
5	ζ Sagittarii..............	9	56 29.73	+ 0.25	+ 2.72	291 1 52.02	46.628	+ 7.43	−2 23.0	18 56 32.70	.....	−30 0 50.0	....
6	λ Aquilæ..............	9	1 8.32	+ 0.32	+ **2.76**	315 59 53.05	46.288	+ 7.43	− 53.5	19 1 11.36	.....	− 5 1 27.3	....
7	25 H. Camelopardalis s. p.	8	10 50.23	− 3.01	+ 2.72	58 23 57.15	43.977	+ 7.43	+1 30.4	7 10 49.94	.....	+82 35 50.7	....
8	τ Draconis..............	5	17 23.68	+ 1.49	+ 2.72	34 9 57.68	47.608	+ 7.43	+ 37.9	19 17 27.89	.....	+73 10 38.3	....
9	β Cygni..............	9	26 49.78	+ 0.47	+ **2.76**	348 45 55.80	46.882	+ 7.43	− 11.0	19 26 52.97	.....	+27 45 31.4	....
10	θ Cygni..............	9	33 50.88	+ 0.70	+ 2.72	10 59 56.80	46.918	+ 7.43	+ 10.9	19 33 54.30	.....	+49 59 55.0	....
11	γ Aquilæ..............	9	41 40.57	+ 0.39	+ **2.71**	331 23 52.75	46.055	+ 7.43	− 30.3	19 41 43.68	.....	+10 22 50.2	....
12	α Aquilæ..............	9	46 4.78	+ 0.39	+ **2.75**	329 37 53.68	46.530	+ 7.43	− 32.6	19 46 7.88	.....	+ 8 36 59.7	....
13	β Aquilæ..............	9	50 34.66	+ 0.38	+ **2.72**	327 11 53.52	44.385	+ 7.43	− 35.8	19 50 37.75	.....	+ 6 10 7.3	....
14	γ Sagittæ..............	9	54 28.02	+ 0.44	+ **2.70**	340 13 54.90	48.405	+ 7.43	− 20.0	19 54 31.17	.....	+19 13 56.3	....
15	Venus I, C..............	9	19 48.89	+ 0.40	+ 2.68	338 23 54.60	47.622	+ 6.81	− 21.4	3 19 51.97	+ 0.36	+17 23 36.1	....
16	Venus II..............	9	19 49.62	+ 0.40	+ 2.68	... .	......	....	. ....	3 19 52.70	− 0.37	.. ..	....
	May 25, R.												
17	Sun I, N..............	9	6 56.43	+ 0.41	+ 2.68	342 15 54.42	41.800	+ 6.64	− 17.3	4 6 59.52	+67.90	+21 13 26.7	....
18	Sun II, S..............	9	9 12.24	+ 0.41	+ 2.68	341 43 55.78	42.788	+ 6.64	− 17.8	4 9 15.33	−67.91	+20 41 50.3	....
	May 25, Br.												
19	Moon I, N..............	9	25 51.42	+ 0.29	+ 2.55	313 57 56.75	47.201	+ 8.37	− 56.6	13 25 54.26	+67.17	− 7 3 5.0	....
20	μ Virginis..............	9	37 59.48	+ 0.29	+ **2.59**	315 47 57.28	43.308	+ 8.37	− 53.3	14 38 2.32	.....	− 5 14 30.1	....
21	8 Libræ..............	9	45 22.25	+ 0.27	+ **2.54**	305 25 56.22	45.802	+ 8.37	−1 16.9	14 45 25.06	.....	−15 35 57.7	....
22	ξ² Libræ..............	9	51 33.12	+ 0.28	+ **2.52**	309 59 55.55	46.818	+ 8.37	−1 5.3	14 51 35.94	.....	−11 1 23.6	....
23	δ Libræ..............	9	55 50.17	+ 0.29	+ 2.54	312 53 56.12	44.078	+ 8.37	− 59.0	14 55 53.00	− 2.42	− 8 8 19.3	+ 2.9
24	ψ Boötis..............	9	0 19.03	+ 0.42	+ **2.55**	348 19 59.00	46.348	+ 8.37	− 11.3	15 0 21.99	.....	+27 19 22.7	....
25	57 B. Ursæ Minoris.......	9	7 59.83	+ 9.72	+ 2.54	48 36 1.20	45.612	+ 8.37	+1 2.5	15 8 12.09	.....	+87 36 22.9	....
26	γ² Ursæ Minoris.........	9	20 51.65	+ 1.37	+ 2.54	33 11 58.95	42.468	+ 8.37	+ 36.1	15 20 55.56	.....	+72 10 41.7	....
27	γ Libræ..............	9	30 9.06	+ 0.28	+ **2.56**	306 33 55.95	45.072	+ 8.37	−1 14.0	15 30 11.88	.....	−14 28 11.7	....
28	ζ Coronæ Borealis (*fol.*)..	9	35 44.91	+ 0.50	+ 2.54	357 57 58.32	44.732	+ 8.37	− 1.9	15 35 47.95	− 2.14	+36 56 54.8	− 3.5
29	β Serpentis..............	9	41 44.69	+ 0.38	+ **2.61**	336 43 53.22	47.100	+ 8.37	− 23.6	15 41 47.61	.....	+15 43 22.2	....
30	ε Serpentis..............	8	46 1.28	+ 0.34	+ **2.52**	325 47 53.88	44.142	+ 8.37	− 37.4	15 46 4.16	.....	+ 4 46 1.5	....
31	γ Serpentis..............	9	52 0.49	+ 0.38	+ **2.51**	336 59 53.88	44.848	+ 8.37	− 23.4	15 52 3.41	.....	+15 58 31.6	....
32	151 H¹. Cephei s. r.......	9	6 10.17	− 4.84	+ 2.53	55 41 55.35	44.152	+ 8.37	+1 20.9	4 6 7.86	.....	+85 17 58.2	....
33	τ Herculis..............	9	16 50.54	+ 0.61	+ 2.53	7 33 55.08	43.675	+ 8.37	+ 7.4	16 16 53.68	.....	+46 32 36.8	....
34	98 B. Draconis..............	9	22 18.54	+ 0.76	+ 2.53	16 25 56.28	45.575	+ 8.37	+ 16.4	16 22 21.83	− 2.44	+55 25 30.4	− 4.1
35	λ Ophiuchi..............	9	26 3.78	+ 0.34	+ **2.53**	323 11 53.68	48.680	+ 8.37	− 41.2	16 26 6.65	.....	+ 2 11 41.2	....
36	ζ Ophiuchi..............	9	31 52.05	+ 0.30	+ **2.52**	310 39 52.30	44.418	+ 8.37	−1 4.1	16 31 54.88	.....	−10 22 20.5	....
37	ζ Herculis..............	9	37 39.30	+ 0.48	+ 2.53	352 47 55.50	44.440	+ 8.37	− 6.9	16 37 42.31	.....	+31 46 40.3	....
38	49 Herculis..............	9	47 41.97	+ 0.39	+ 2.53	336 9 53.98	43.940	+ 8.37	− 24.4	16 47 44.89	.....	+15 8 9.9	....
39	κ Ophiuchi..............	9	53 6.91	+ 0.37	+ **2.47**	330 31 54.30	47.760	+ 8.37	− 31.1	16 53 9.81	.....	+ 9 31 30.9	....
40	Venus I, C..............	9	24 45.67	+ 0.39	+ 2.45	338 45 54.38	43.639	+ 7.75	− 21.0	3 24 48.51	+ 0.32	+17 44 6.2	....
41	Venus II..............	9	24 46.33	+ 0.39	+ 2.45	... .	......	....	. ....	3 24 49.17	− 0.34	.. ..	....
	May 26, Br.												
42	Sun I, S..............	9	10 59.08	+ 0.41	+ 2.45	341 53 54.68	44.300	+ 7.51	− 17.6	4 11 1.94	+68.06	+20 52 24.7	....
43	Sun II, N..............	9	13 15.20	+ 0.41	+ 2.45	342 25 54.02	43.295	+ 7.51	− 17.1	4 13 18.06	−68.06	+21 24 1.7	....
	May 26, Ei.												
44	89 Virginis..............	9	44 38.83	+ 0.27	+ **2.48**	303 21 49.80	47.552	+ 8.19	−1 23.0	13 44 41.61	.....	−17 39 30.4	....

Time.			Barom.	Att. Ther.	Ext. Ther.
d	h	m	in.	°	°
24	18	17	29.875	70.9	69.8
	18	48	29.86	70.9	69.3
	19	12	......	....	69.0
	19	31	29.86	70.0	68.4
	19	56	29.87	69.8	68.2
	2	59	29.94	83.3	83.0
	3	24	29.93	83.8	83.5
25	4	9	29.925	84.8	85.0
	13	26	......	....	77.0
	13	39	29.86	78.0	....
	14	35	29.86	76.9	75.6
	15	12	......	....	74.4
	15	25	29.86	75.4	....
	15	52	......	....	73.1
	16	26	......	....	72.3
	16	53	29.845	73.1	72.0
	3	25	29.80	81.4	81.0
26	4	13	29.79	82.5	81.8
	13	35	29.68	73.9	72.1

Micrometer bisections are made at II, VI, except as noted below.

1, 4.	Bisections at II, VII.
7.	Bisections at III, VI, VII.
8, 18, 43.	Bisections at VI, VII.
15, 40.	Bisections at I, II, VI, VII.
17, 24, 42.	Bisections at I, II.
19.	Bisections at II, III, IV, V, VI.
25.	Bisections at b_2, b_5, b_8.
26.	Bisections at III, IV, V.
32.	Bisections at b_2, b_8.
33, 34.	Bisections at III, V.

Notes.

4.	Very poor; clouds.
13, 23, 33, 44.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+ 1.9	.. ....	0.0	+ 1.9
17	+ 2.6	−15 48.1	...	−15 45.5
18	+ 2.7	+15 48.2	...	+15 50.9
19	+42 6.5	−16 3.5	...	+26 3.0
40	+ 1.9	.. ....	0.0	+ 1.9
42	+ 2.7	+15 48.4	...	+15 51.1
43	+ 2.6	−15 48.5	...	−15 45.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Boötis	9	50 5.89	+ 0.39	**+ 2.47**	339 53 51.88	45.320	+ 8.19	− 20.1	13 50 8.79	.....	+18 52 43.5	....
2	τ Virginis	9	56 44.89	+ 0.32	**+ 2.51**	323 1 50.60	45.680	+ 8.19	− 41.3	13 56 47.72	.....	+ 2 0 29.3	....
3	d Boötis	9	6 0.22	+ 0.42	**+ 2.56**	346 33 52.75	45.220	+ 8.19	− 13.1	14 6 3.15	.....	+25 32 49.0	....
4	ι Virginis	9	10 58.18	+ 0.30	**+ 2.54**	315 27 50.55	48.580	+ 8.19	− 53.9	14 11 0.99	.....	− 5 32 37.1	....
5	Moon I, N	9	22 0.12	+ 0.30	+ 2.51	309 53 49.60	44.559	+ 8.19	−1 5.6	14 22 2.93	+67.50	−11 8 21.7	....
6	6 B. Libre	9	31 52.84	+ 0.28	+ 2.51	309 7 49.70	45.775	+ 8.19	−1 7.3	14 31 55.63	− 2.43	−11 53 55.4	+ 4.9
7	μ Virginis	9	37 59.57	+ 0.30	**+ 2.49**	315 47 51.12	43.570	+ 8.19	− 53.4	14 38 2.38	.....	− 5 14 30.5	....
8	109 Virginis	9	41 23.12	+ 0.32	**+ 2.51**	323 19 50.60	43.875	+ 8.19	− 40.9	14 41 25.94	.....	+ 2 17 48.4	....
9	ξ^2 Libræ	9	51 33.16	+ 0.29	**+ 2.47**	309 59 49.75	47.045	+ 8.19	−1 5.3	14 51 35.95	.....	−11 1 24.3	....
10	δ Libræ	9	55 50.19	+ 0.29	+ 2.50	312 53 50.08	44.325	+ 8.19	− 59.0	14 55 52.98	− 2.43	− 8 8 19.9	+ 2.8
11	φ Boötis	9	0 19.05	+ 0.43	**+ 2.52**	348 19 53.05	46.560	+ 8.19	− 11.3	15 0 21.98	.....	+27 19 21.8	....
12	ι Libræ	9	6 44.74	+ 0.26	**+ 2.52**	301 35 49.18	47.138	+ 8.19	−1 29.0	15 6 47.50	.....	−19 25 46.5	....
	May 27, R.												
13	Sun I, S.	9	15 2.21	+ 0.48	+ 2.34	342 3 55.22	44.880	+ 6.94	− 17.6	4 15 5.03	+68.03	+21 2 37.9	....
14	Sun II, N	9	17 18.26	+ 0.48	+ 2.34	342 35 55.48	43.772	+ 6.94	− 17.1	4 17 21.08	−68.02	+21 34 13.5	....
	May 27, Ei.-Y.												
15	B. D. −11°3418	9	57 10.75	+ 0.37	+ 2.31	309 25 53.50	46.002	+ 9.15	−1 8.0	12 57 13.43	− 2.04	−11 35 46.2	+10.8
16	B. D. − 9°3617	9	0 39.78	+ 0.37	+ 2.31	311 1 53.38	46.798	+ 9.13	−1 4.3	13 0 42.46	− 2.03	− 9 59 24.4	+10.2
17	B. D. − 8°3491	9	3 31.32	+ 0.38	+ 2.31	312 33 54.60	44.115	+ 9.11	−1 0.9	13 3 34.01	− 2.02	− 8 28 21.4	+ 9.6
18	θ Virginis	9	4 57.93	+ 0.39	**+ 2.37**	315 59 54.62	45.478	+ 9.10	− 54.0	13 5 0.63	.....	− 5 1 43.1	....
19	B. D. −15°3613	9	6 56.33	+ 0.35	+ 2.31	305 19 53.88	48.398	+ 9.09	−1 18.8	13 6 58.99	− 2.16	−15 41 1.9	+11.3
20	B. D. −10°3635	9	9 53.62	+ 0.37	+ 2.31	310 9 52.05	47.120	+ 9.08	−1 6.3	13 9 56.30	− 2.09	−10 51 20.4	+ 9.9
21	B. D. + 0°3040	9	12 34.15	+ 0.41	+ 2.31	320 51 53.50	43.628	+ 9.07	− 45.6	13 12 36.87	− 1.94	− 0 10 18.1	+ 6.9
22	B. D. − 9°3669	9	16 9.96	+ 0.38	+ 2.31	311 31 53.35	45.292	+ 9.05	−1 3.2	13 16 12.65	− 2.10	− 9 29 57.9	+ 9.2
23	B. D. − 4°3472	9	19 32.69	+ 0.39	+ 2.31	316 21 54.65	45.060	+ 9.02	− 53.4	13 19 35.39	− 2.04	− 4 39 52.1	+ 7.7
24	B. D. − 8°3562	9	23 25.02	+ 0.38	+ 2.31	311 45 53.22	47.965	+ 9.00	−1 2.6	13 23 27.71	− 2.13	− 9 14 56.3	+ 8.7
25	B. D. − 2°3695	9	25 53.34	+ 0.40	+ 2.31	318 27 56.05	46.030	+ 8.99	− 49.6	13 25 56.05	− 2.04	− 2 33 24.8	+ 6.9
26	B. D. −11°3535	9	27 18.65	+ 0.37	+ 2.31	308 51 53.70	44.735	+ 8.98	−1 9.5	13 27 21.33	− 2.19	−12 10 16.6	+ 9.2
27	ζ Virginis	9	29 47.34	+ 0.41	**+ 2.32**	320 55 54.15	43.315	+ 8.96	− 45.5	13 29 50.06	.....	− 0 6 24.7	....
28	B. D. −13°3737	9	32 52.58	+ 0.36	+ 2.31	306 55 54.50	44.760	+ 8.95	−1 14.5	13 32 55.25	− 2.25	−14 6 20.2	+ 9.2
29	B. D. − 5°3747	9	36 2.04	+ 0.39	+ 2.31	315 9 53.98	44.392	+ 8.93	− 55.7	13 36 4.74	− 2.13	− 5 52 10.4	+ 7.1
30	B. D. −13°3761	9	39 35.34	+ 0.36	+ 2.31	307 17 54.08	44.500	+ 8.91	−1 13.6	13 39 38.01	− 2.28	−13 44 25.7	+ 8.7
31	B. D. − 5°3762	9	42 23.77	+ 0.39	+ 2.31	314 47 54.15	45.852	+ 8.89	− 56.5	13 42 26.47	− 2.16	− 6 13 37.7	+ 6.8
32	B. D. − 7°3712	9	45 47.48	+ 0.38	+ 2.31	313 43 55.18	43.402	+ 8.87	− 58.7	13 45 50.17	− 2.19	− 7 18 34.9	+ 6.9
33	B. D. −13°3786	9	48 40.72	+ 0.36	+ 2.31	306 49 53.58	46.800	+ 8.86	−1 14.8	13 48 43.39	− 2.32	−14 11 34.9	+ 8.2
34	B. D. −16°3773	9	53 15.64	+ 0.35	+ 2.31	303 53 54.02	41.840	+ 8.83	−1 23.4	13 53 18.30	− 2.40	−17 9 36.5	+ 8.5
35	B. D. −12°3933	9	54 57.56	+ 0.36	+ 2.31	308 1 54.18	45.045	+ 8.82	−1 11.7	13 55 0.23	− 2.33	−13 0 11.4	+ 7.5
36	B. D. −11°3659	9	59 3.21	+ 0.37	+ 2.31	309 21 53.92	44.832	+ 8.79	−1 8.4	13 59 5.89	− 2.32	−11 40 13.2	+ 7.0
37	B. D. −13°3824	9	1 29.83	+ 0.36	+ 2.31	307 15 54.38	48.535	+ 8.78	−1 13.6	14 1 32.50	− 2.37	−13 44 53.4	+ 7.2
38	B. D. − 9°3865	9	3 53.15	+ 0.38	+ 2.31	311 7 53.88	48.132	+ 8.77	−1 4.2	14 3 55.84	− 2.30	− 9 52 53.6	+ 6.3
39	B. D. − 7°3794	9	8 13.24	+ 0.38	+ 2.31	313 1 54.60	45.668	+ 8.75	−1 0.1	14 8 15.93	− 2.29	− 7 59 45.2	+ 5.7
40	B. D. − 5°3845	9	11 18.22	+ 0.39	+ 2.30	314 51 54.40	43.318	+ 8.73	− 56.4	14 11 20.91	− 2.27	− 6 10 35.5	+ 5.1
41	B. D. − 6°3964	9	12 54.29	+ 0.38	+ 2.30	313 55 53.80	46.035	+ 8.72	− 58.2	14 12 56.97	− 2.29	− 7 5 35.8	+ 5.2
42	B. D. − 8°3761	9	16 40.65	+ 0.38	+ 2.30	312 47 54.42	44.802	+ 8.70	−1 0.6	14 16 43.33	− 2.32	− 8 14 5.7	+ 5.2
43	B. D. −12°4042	9	20 5.18	+ 0.36	+ 2.30	308 5 54.88	47.550	+ 8.68	−1 11.5	14 20 7.84	− 2.42	−12 55 13.4	+ 5.8
44	B. D. − 9°3945	9	23 23.77	+ 0.38	+ 2.30	311 27 53.65	43.855	+ 8.66	−1 3.5	14 23 26.45	− 2.36	− 9 34 31.1	+ 5.0
45	B. D. −15°3892	9	26 39.62	+ 0.35	+ 2.30	305 5 53.88	45.120	+ 8.64	−1 19.8	14 26 42.27	− 2.50	−15 56 18.3	+ 5.9
46	B. D. − 7°3874	9	30 41.22	+ 0.38	+ 2.30	312 51 54.28	46.675	+ 8.62	−1 0.5	14 30 43.90	− 2.36	− 8 9 23.0	+ 4.3
47	B. D. −21°3946	9	35 38.14	+ 0.33	+ 2.30	298 49 53.58	45.665	+ 8.59	−1 41.8	14 35 40.77	− 2.67	−22 12 28.1	+ 6.1
48	μ Virginis	9	37 59.59	+ 0.39	**+ 2.39**	315 47 55.18	43.458	+ 8.58	− 54.7	14 38 2.28	.....	− 5 14 29.9	....
49	B. D. −16°3934	9	40 15.94	+ 0.35	+ 2.30	304 41 53.80	45.060	+ 8.56	−1 21.1	14 40 18.59	− 2.55	−16 20 21.1	+ 4.9
50	B. D. −12°4134	9	42 40.32	+ 0.36	+ 2.30	308 35 54.10	44.922	+ 8.55	−1 10.4	14 42 42.98	− 2.47	−12 26 13.3	+ 4.2
51	B. D. −17°4196	9	46 12.49	+ 0.35	+ 2.30	303 39 52.90	42.125	+ 8.53	−1 24.4	14 46 15.14	− 2.59	−17 23 32.4	+ 4.6
52	B. D. − 8°3855	9	48 42.32	+ 0.38	+ 2.30	312 19 53.78	46.008	+ 8.52	−1 1.7	14 48 45.00	− 2.42	− 8 41 40.1	+ 3.3
53	ξ^2 Libræ	9	51 33.23	+ 0.37	**+ 2.33**	309 59 54.08	46.940	+ 8.50	−1 7.0	14 51 35.90	.....	−11 1 24.1	....
54	B. D. −16°3972	9	52 42.93	+ 0.35	+ 2.30	304 3 53.35	44.055	+ 8.49	−1 23.1	14 52 45.58	− 2.59	−16 58 46.5	+ 4.1
55	B. D. −14°4085	9	54 55.00	+ 0.36	+ 2.30	306 41 53.68	43.568	+ 8.48	−1 15.4	14 54 57.66	− 2.54	−14 20 49.6	+ 3.6
56	γ Scorpii	9	58 27.04	+ 0.32	+ 2.30	296 7 53.88	46.475	+ 8.46	−1 54.1	14 58 29.66	.....	−24 54 21.7	....
57	B. D. −15°4026	9	1 16.10	+ 0.35	+ 2.30	305 9 53.25	42.980	+ 8.45	−1 19.8	15 1 18.75	− 2.59	−15 53 8.0	+ 3.3
58	C. P. D. −25°5557	9	4 37.98	+ 0.32	+ 2.30	295 5 53.95	42.208	+ 8.43	−1 59.6	15 4 40.60	− 2.85	−25 58 4.7	+ 4.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 14 3	......	....	71.8
14 27	29.66	73.0	71.4
14 48	......	....	71.1
15 10	29.655	72.3	71.0
27 4 17	29.695	78.2	76.0
12 56	29.825	65.9	64.1
13 21	[illegible]	65.2	63.9
13 47	......	....	62.9
14 18	29.845	64.0	62.9
14 50	......	....	62.0

Micrometer bisections are made at II, VI, except as noted below.

5. Bisections at II, III, IV, V, VI.
13, 17, 53. Bisections at I, II.
14. Bisections at VI, VII.
38, 54, 55. Bisections at II, VII.

Notes.

1, 10, 11, 55. Clouds.
4, 12, 15–58. Unsteady; poor at times.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+44 38.4	−15 57.4	...	+28 41.0
13	+ 2.6	+15 47.8	...	+15 50.4
14	+ 2.6	−15 47.8	...	−15 45.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ι Libræ	9	6 44.76	+ 0.34	+ **2.42**	301 35 54.10	47.025	+ 8.41	−1 31.2	15 6 47.40	.....	−19 25 46.1	....
2	β Libræ	9	11 50.14	+ 0.38	+ **2.36**	311 59 53.68	45.825	+ 8.39	−1 2.5	15 11 52.82	.....	− 9 1 45.3	....
3	Moon I, N.	9	18 47.51	+ 0.37	+ 2.30	306 29 53.22	44.272	+ 8.35	−1 16.1	15 18 50.18	+67.85	−14 32 34.9	....
4	β¹ Scorpii	9	59 51.33	+ 0.35	+ **2.26**	301 29 55.12	44.925	+ 8.04	−1 32.0	15 59 53.97	.....	−19 32 34.3	....
5	ν Scorpii (*mean*)	9	6 24.93	+ 0.35	+ **2.29**	301 49 53.25	44.685	+ 8.04	−1 30.8	16 6 27.57	.....	−19 12 40.4	....
6	C. P. D. −26°5622	9	9 26.30	+ 0.32	+ 2.29	294 5 53.42	43.055	+ 8.04	−2 5.7	16 9 28.91	− 2.94	−26 57 52.3	− 1.5
7	B. D. −19°4357	8	13 30.47	+ 0.35	+ 2.29	301 3 52.60	43.925	+ 8.04	−1 33.6	16 13 33.11	− 2.76	−19 59 1.1	− 1.9
8	C. P. D. −26°5627	9	15 24.39	+ 0.32	+ 2.29	294 3 54.40	42.485	+ 8.04	−2 6.0	16 15 27.00	− 2.94	−27 0 4.7	− 2.0
9	B. D. −19°4368	9	19 49.95	+ 0.35	+ 2.29	301 25 52.72	44.118	+ 8.04	−1 32.3	16 19 52.59	− 2.75	−19 36 55.4	− 2.3
10	B. D. −18°4287	9	24 8.12	+ 0.35	+ 2.29	302 33 53.42	47.002	+ 8.04	−1 28.3	16 24 10.76	− 2.72	−18 27 44.8	− 2.6
11	B. D. −17°4591	9	26 6.23	+ 0.36	+ 2.29	303 31 54.32	45.345	+ 8.04	−1 25.2	16 26 8.88	− 2.70	−17 30 18.7	− 2.8
12	B. D. −18°4295	9	29 55.24	+ 0.35	+ 2.29	302 33 53.60	45.315	+ 8.04	−1 28.3	16 29 57.88	− 2.72	−18 28 23.2	− 3.1
13	B. D. −17°4606	9	32 54.56	+ 0.35	+ 2.29	302 59 53.02	47.302	+ 8.04	−1 26.9	16 32 57.20	− 2.71	−18 1 36.9	− 3.3
14	B. D. −16°4327	9	36 2.62	+ 0.36	+ 2.29	304 17 55.00	43.935	+ 8.04	−1 22.8	16 36 5.27	− 2.68	−16 44 47.8	− 3.5
15	B. D. −22°4205	9	39 22.36	+ 0.34	+ 2.29	298 1 53.12	46.450	+ 8.04	−1 45.9	16 39 24.99	− 2.82	−23 0 15.3	− 3.9
16	18 Ophiuchi	9	43 53.95	+ 0.33	+ 2.28	296 33 54.15	46.710	+ 8.04	−1 52.7	16 43 56.56	− 2.85	−24 28 15.1	− 4.3
17	B. D. −18°4336	9	45 32.99	+ 0.35	+ 2.28	301 59 52.10	48.430	+ 8.04	−1 30.3	16 45 35.62	− 2.72	−19 1 15.5	− 4.2
18	C. P. D. −24°5768	9	49 6.82	+ 0.33	+ 2.28	296 41 54.15	44.655	+ 8.04	−1 52.1	16 49 9.43	− 2.84	−24 21 1.5	− 4.7
19	B. D. −19°4474	9	52 14.42	+ 0.35	+ 2.28	301 23 53.40	45.422	+ 8.04	−1 32.6	16 52 17.05	− 2.73	−19 38 25.2	− 4.7
20	B. D. −20°4606	9	55 34.01	+ 0.34	+ 2.28	300 43 52.58	47.782	+ 8.04	−1 35.0	16 55 36.63	− 2.74	−20 17 34.5	− 5.0
21	C. P. D. −28°5517	9	58 25.02	+ 0.32	+ 2.28	292 35 54.25	47.425	+ 8.04	−2 15.1	16 58 27.62	− 2.93	−28 26 21.1	− 5.7
22	B. D. −17°4717	9	2 40.34	+ 0.36	+ 2.28	303 31 54.12	49.252	+ 8.04	−1 25.3	17 2 42.98	− 2.67	−17 28 49.7	− 5.3
23	C. P. D. −25°5954	9	6 19.92	+ 0.33	+ 2.28	295 53 53.00	47.275	+ 8.04	−1 56.2	17 6 22.53	− 2.83	−25 8 6.9	− 6.1
24	*A* Ophiuchi (*south*)	4	9 26.76	+ 0.33	+ 2.28	294 35 53.40	43.518	+ 8.04	−2 3.3	17 9 29.37	.....	−26 27 39.6	....
25	*A* Ophiuchi (*north*)	4	9 26.91	+ 0.33	+ 2.28	294 35 53.40	43.738	+ 8.04	−2 3.3	17 9 29.52	.....	−26 27 34.1	....
26	C. P. D. −27°5608	9	11 52.69	+ 0.32	+ 2.28	293 23 54.28	43.268	+ 8.04	−2 10.4	17 11 55.29	− 2.88	−27 39 51.0	− 6.7
27	C. P. D. −29°5649	9	14 22.11	+ 0.32	+ 2.28	291 45 54.10	49.122	+ 8.04	−2 20.9	17 14 24.71	− 2.92	−29 15 48.2	− 7.0
28	B. D. −20°4750	9	17 15.25	+ 0.35	+ 2.28	300 53 53.40	48.572	+ 8.04	−1 34.5	17 17 17.88	− 2.70	−20 7 15.1	− 6.5
29	C. P. D. −27°5650	9	20 4.99	+ 0.32	+ 2.28	293 31 53.72	46.430	+ 8.04	−2 9.5	17 20 7.59	− 2.86	−27 30 38.7	− 7.3
30	B. D. −16°4526	9	23 45.59	+ 0.36	+ 2.28	304 29 54.38	49.562	+ 8.04	−1 22.4	17 23 48.23	− 2.61	−16 30 39.5	− 6.6
31	B. D. −20°4790	9	27 42.62	+ 0.34	+ 2.28	300 19 53.68	45.598	+ 8.04	−1 36.8	17 27 45.24	− 2.68	−20 42 25.1	− 7.2
32	C. P. D. −28°5741	9	32 57.39	+ 0.32	+ 2.28	292 41 54.35	45.362	+ 8.04	−2 14.9	17 32 59.99	− 2.84	−28 21 7.9	− 8.4
33	B. D. −19°4683	9	35 37.78	+ 0.35	+ 2.28	301 37 54.40	45.852	+ 8.04	−1 32.0	17 35 40.41	− 2.64	−19 24 13.8	− 7.6
34	B. D. −22°4407	9	39 15.75	+ 0.34	+ 2.28	298 11 53.00	45.308	+ 8.04	−1 45.6	17 39 18.37	− 2.70	−22 50 41.2	− 8.2
35	C. P. D. −30°4919	9	43 6.42	+ 0.32	+ 2.28	290 29 53.80	44.602	+ 8.04	−2 30.8	17 43 9.02	− 2.88	−30 33 41.7	− 9.4
36	B. D. −22°4436	9	45 18.20	+ 0.34	+ 2.28	298 9 52.35	43.625	+ 8.04	−1 45.9	17 45 20.82	− 2.68	−22 53 20.6	− 8.6
37	C. P. D. −27°5845	9	47 33.11	+ 0.32	+ 2.28	293 45 54.08	49.400	+ 8.04	−2 8.3	17 47 35.71	− 2.77	−27 15 29.3	− 9.3
38	C. P. D. −23°6680	9	50 39.16	+ 0.34	+ 2.28	297 39 53.35	46.315	+ 8.04	−1 48.1	17 50 41.78	− 2.67	−23 22 20.3	− 9.0
39	C. P. D. −29°5112	9	54 6.52	+ 0.32	+ 2.28	291 9 53.40	46.300	+ 8.04	−2 25.7	17 54 9.12	− 2.81	−29 52 58.2	−10.1
40	B. D. −20°4952	9	56 53.62	+ 0.34	+ 2.28	300 17 54.85	46.522	+ 8.04	−1 37.0	17 56 56.24	− 2.60	−20 44 3.0	− 9.1
41	B. D. −22°4533	9	58 6.76	+ 0.34	+ 2.28	298 11 52.68	46.565	+ 8.04	−1 45.7	17 58 9.38	− 2.64	−22 50 12.9	− 9.4
42	C. P. D. −28°6304	9	2 0.21	+ 0.32	+ 2.27	292 35 54.12	43.383	+ 8.04	−2 15.8	18 2 2.80	− 2.74	−28 27 54.1	−10.5
43	B. D. −22°4597	9	4 56.62	+ 0.34	+ 2.27	298 47 53.78	43.588	+ 8.04	−1 43.2	18 4 59.23	− 2.60	−22 15 17.3	− 9.8
44	C. P. D. −27°6281	9	8 9.09	+ 0.32	+ 2.27	293 31 53.72	44.140	+ 8.04	−2 9.9	18 8 11.68	− 2.70	−27 31 31.5	−10.8
45	C. P. D. −23°7007	9	10 42.28	+ 0.33	+ 2.27	297 5 54.65	47.812	+ 8.04	−1 50.7	18 10 44.88	− 2.61	−23 55 47.4	−10.4
46	B. D. −22°4655	9	12 9.08	+ 0.34	+ 2.27	298 39 52.68	45.700	+ 8.04	−1 43.7	18 12 11.69	− 2.58	−22 22 30.7	−10.2
47	C. P. D. −26°6410	9	15 14.60	+ 0.33	+ 2.27	294 55 54.65	43.865	+ 8.04	−2 1.8	18 15 17.20	− 2.64	−26 7 28.7	−11.0
48	η Serpentis	9	16 20.22	+ 0.41	+ **2.21**	318 5 58.40	46.365	+ 8.04	− 51.0	18 16 22.90	.....	− 2 55 17.1	....
49	3 H. Scuti	9	29 58.73	+ 0.39	+ **2.20**	312 41 56.85	48.870	+ 8.04	−1 1.6	18 30 1.39	.....	− 8 18 32.0	....
	May 27, Br.												
50	51 H. Cephei s. P.	8	55 35.12	− **9**.87	+ 2.13	53 47 58.95	44.115	+ 7.65	+1 18.1	6 55 27.38	.....	+87 11 59.0	....
51	λ Ursæ Minoris	2	18 10.75	+28.10	+ 2.13	49 59 57.10	43.887	+ 7.65	+1 8.2	19 18 40.98	.....	+88 59 41.9	....
52	γ Aquilæ	9	41 41.21	+ 0.46	+ **2.08**	331 23 54.52	45.985	+ 7.65	− 31.1	19 41 43.80	.....	+10 22 49.8	....
53	α Aquilæ	9	46 5.48	+ 0.46	+ **2.06**	329 37 55.38	46.488	+ 7.65	− 33.4	19 46 8.07	.....	+ 8 36 59.9	....
54	β Aquilæ	9	50 35.32	+ 0.45	+ **2.07**	327 11 54.92	44.350	+ 7.65	− 36.8	19 50 37.90	.....	+ 6 10 7.1	....
55	γ Sagittæ	9	54 28.62	+ 0.52	+ **2.10**	340 13 57.12	48.322	+ 7.65	− 20.5	19 54 31.27	.....	+19 13 56.6	....
56	τ Aquilæ	9	59 26.37	+ 0.45	+ **2.15**	328 1 55.62	45.348	+ 7.65	− 35.6	19 59 28.95	.....	+ 7 0 31.8	....
57	θ Aquilæ	9	6 20.50	+ 0.42	+ **2.12**	319 55 54.68	43.942	+ 7.65	− 48.0	20 6 23.05	.....	− 1 6 13.6	....
58	α² Capricorni	9	12 43.20	+ 0.37	+ **2.08**	308 11 55.05	44.700	+ 7.65	−1 12.6	20 12 45.69	.....	−12 50 20.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 15 9	29.86	63.0	61.7
15 40	......	....	61.0
16 7	29.875	62.7	60.1
16 28	......	....	59.8
16 53	29.87	60.5	59.0
17 22	......	....	57.8
17 49	29.87	58.6	56.8
18 19	......	....	56.7
18 31	29.87	57.8	56.2
18 59	......	....	56.0
20 3	29.895	57.8	56.0
20 13	29.90	57.1	55.1

Micrometer bisections are made at II, VI, except as noted below.

3. Bisections at II, III, IV, V, VI.
6, 7. Bisections at II, VII.
24. Bisections at I, II.
25, 26, 55. Bisections at VI, VII.
42. Bisections at II, VI, VII.
50. Bisections at b_3, b_7.
51. Bisections at b_8, b_9.

Notes.

1–49. Conditions very poor.
50. Diffuse.
58. Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+46 24.8	−15 49.6	...	+30 35.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, C............	9	34 42.80	0.00	+ 2.08	339 25 58.98	42.429	+ 6.96	− 20.9	3 34 44.88	+ 0.34	+18 23 42.4	....
2	Venus II.............	9	34 43.49	0.00	+ 2.08	... .	......	....	. ....	3 34 45.57	− 0.35	.. ..	....
	May 28, Br.												
3	Sun I, N.............	9	19 6.33	0.00	+ 2.07	342 45 57.05	43.315	+ 6.85	− 17.2	4 19 8.40	+68.14	+21 44 4.2	....
4	Sun II, S.............	9	21 22.61	0.00	+ 2.07	342 13 58.35	44.225	+ 6.85	− 17.8	4 21 24.68	−68.14	+21 12 25.9	....
	May 28, Ei.-Y.												
5	B. D.− 3°3462........	9	19 28.39	− 0.18	+ 2.15	317 13 50.58	43.790	+ 9.46	− 51.9	13 19 30.36	− 2.02	− 3 48 23.2	+ 7.5
6	B. D.−15°3668........	9	22 20.17	− 0.24	+ 2.14	305 33 50.62	44.105	+ 9.46	−1 18.4	13 22 22.07	− 2.23	−15 28 42.5	+10.2
7	B. D.− 3°3486........	9	25 46.82	− 0.18	+ 2.14	317 3 51.38	45.365	+ 9.46	− 52.2	13 25 48.78	− 2.05	− 3 57 46.8	+ 7.2
8	B. D.− 7°3639........	9	28 10.88	− 0.20	+ 2.14	313 3 50.72	47.280	+ 9.46	−1 0.0	13 28 12.82	− 2.12	− 7 57 11.5	+ 8.1
9	ζ Virginis...............	9	29 48.09	− 0.16	+ 2.14	320 55 50.62	43.468	+ 9.46	− 45.6	13 29 50.07	.....	− 0 6 24.3	....
10	m Virginis...............	9	36 34.62	− 0.20	+ 2.07	312 47 50.80	47.210	+ 9.46	−1 0.6	13 36 36.56	.....	− 8 13 13.6	....
11	B. D.− 7°3728 (*pr.*)...	9	49 56.17	− 0.19	+ 2.14	313 25 50.10	47.040	+ 9.46	− 59.4	13 49 58.12	− 2.21	− 7 35 16.7	+ 6.6
12	B. D.−13°3802........	9	53 19.71	− 0.22	+ 2.14	307 21 49.90	47.420	+ 9.46	−1 13.6	13 53 21.63	− 2.33	−13 39 22.6	+ 7.8
13	B. D.−14°3846........	9	55 17.38	− 0.23	+ 2.14	306 33 50.08	42.520	+ 9.46	−1 15.8	13 55 19.29	− 2.35	−14 29 16.6	+ 7.8
14	κ Virginis...............	9	7 46.77	− 0.20	+ 2.16	311 11 49.48	46.120	+ 9.46	−1 4.3	14 7 48.71	.....	− 9 49 43.4	....
15	ι Virginis...............	9	10 59.05	− 0.17	+ 2.14	315 29 50.90	43.290	+ 9.46	− 55.4	14 11 1.02	.....	− 5 32 37.9	....
16	B. D.—7°3813..........	9	12 54.19	− 0.18	+ 2.14	313 29 50.52	46.702	+ 9.46	− 59.3	14 12 56.15	− 2.29	− 7 31 24.2	+ 5.3
17	B. D.−12°4074........	9	26 34.62	− 0.21	+ 2.14	308 15 50.25	45.445	+ 9.46	−1 11.4	14 26 36.55	− 2.43	−12 46 5.2	+ 5.3
18	B. D.−13°3944........	9	35 17.52	− 0.21	+ 2.14	307 23 51.02	45.460	+ 9.46	−1 13.7	14 35 19.45	− 2.48	−13 38 6.4	+ 4.9
19	B. D.−22°3844........	9	40 36.86	− 0.27	+ 2.13	298 17 51.15	44.700	+ 9.46	−1 44.5	14 40 38.72	− 2.70	−22 44 54.4	+ 5.8
20	B. D.−19°3966........	9	44 2.69	− 0.25	+ 2.13	301 31 50.40	45.650	+ 9.46	−1 31.8	14 44 4.57	− 2.63	−19 30 20.8	+ 5.1
21	B. D.−16°3953........	9	46 40.73	− 0.23	+ 2.13	303 55 50.70	43.900	+ 9.46	−1 23.8	14 46 42.63	− 2.58	−17 6 52.5	+ 4.6
22	ξ^1 Libræ.................	9	49 10.58	− 0.19	+ 2.13	309 31 50.20	44.328	+ 9.46	−1 8.4	14 49 12.52	− 2.47	−11 30 27.8	+ 3.6
23	B. D.−11°3841........	9	52 32.64	− 0.20	+ 2.13	308 59 50.35	42.648	+ 9.46	−1 9.7	14 52 34.57	− 2.49	−12 3 7.4	+ 3.4
24	B. D.−10°3999........	9	53 42.43	− 0.19	+ 2.13	310 15 50.98	46.638	+ 9.46	−1 6.6	14 53 44.37	− 2.47	−10 45 32.4	+ 3.2
25	B. D.−16°3992........	9	58 12.38	− 0.22	+ 2.13	304 49 50.12	43.615	+ 9.46	−1 21.0	14 58 14.29	− 2.59	−16 12 56.8	+ 3.6
26	B. D.−21°4030........	9	0 55.48	− 0.26	+ 2.13	299 21 49.40	48.085	+ 9.46	−1 40.0	15 0 57.35	− 2.72	−21 39 34.3	+ 4.0
27	C. P. D.−23°6090......	9	4 16.07	− 0.27	+ 2.13	297 25 50.00	44.148	+ 9.46	−1 48.4	15 4 17.93	− 2.78	−23 37 12.1	+ 3.9
28	B. D.−18°3997........	9	6 45.62	− 0.24	+ 2.13	302 17 50.30	44.690	+ 9.46	−1 29.1	15 6 47.51	− 2.67	−18 44 40.1	+ 3.2
29	B. D.−17°4285........	9	9 9.31	− 0.23	+ 2.13	303 37 50.55	44.528	+ 9.46	−1 24.7	15 9 11.21	− 2.64	−17 24 39.2	+ 2.9
30	B. D.−16°4049........	9	12 15.59	− 0.22	+ 2.13	304 11 51.05	44.478	+ 9.46	−1 23.0	15 12 17.50	− 2.64	−16 50 38.1	+ 2.6
31	B. D.−19°4076........	9	14 22.30	− 0.24	+ 2.13	301 49 49.82	46.190	+ 9.46	−1 30.7	15 14 24.19	− 2.69	−19 12 7.9	+ 2.7
32	B. D.−16°4070........	9	18 7.58	− 0.21	+ 2.13	304 49 50.30	42.705	+ 9.46	−1 21.1	15 18 9.50	− 2.64	−16 13 17.7	+ 2.1
33	B. D.−21°4103........	9	19 23.74	− 0.26	+ 2.13	299 19 51.20	46.240	+ 9.46	−1 40.2	15 19 25.61	− 2.76	−21 42 14.8	+ 2.5
34	B. D.−14°4208........	9	22 21.11	− 0.20	+ 2.13	306 25 50.02	42.782	+ 9.46	−1 16.5	15 22 23.04	− 2.61	−14 37 11.4	+ 1.7
35	B. D.−20°4246........	9	25 4.08	− 0.24	+ 2.13	300 37 50.82	46.900	+ 9.46	−1 35.2	15 25 5.97	− 2.74	−20 23 55.2	+ 2.0
36	C. P. D.−24°5526 (*fol.*).	9	27 29.52	− 0.27	+ 2.13	296 51 51.28	47.628	+ 9.46	−1 51.1	15 27 31.38	− 2.84	−24 9 54.0	+ 2.0
37	γ Libræ.................	9	30 9.99	− 0.20	+ 2.13	306 33 50.25	45.392	+ 9.46	−1 16.1	15 30 11.92	.....	−14 28 11.1	....
38	B. D.−22°3989........	9	32 10.25	− 0.26	+ 2.13	298 11 50.12	48.672	+ 9.46	−1 45.0	15 32 12.12	− 2.81	−22 49 25.2	+ 1.5
39	B. D.−18°4136........	9	37 8.83	− 0.22	+ 2.13	302 43 49.42	46.430	+ 9.46	−1 27.8	15 37 10.74	− 2.71	−18 17 59.9	+ 0.9
40	C. P. D.−25°5646......	9	40 2.25	− 0.28	+ 2.13	295 49 49.12	48.512	+ 9.46	−1 56.3	15 40 4.10	− 2.89	−25 11 41.1	+ 1.0
41	B. D.−13°4252........	9	43 5.28	− 0.19	+ 2.13	307 49 50.48	45.138	+ 9.46	−1 12.8	15 43 7.22	− 2.61	−13 12 13.4	+ 0.1
42	C. P. D.−25°5667......	9	45 13.18	− 0.28	+ 2.13	295 33 50.32	48.785	+ 9.46	−1 57.7	15 45 15.03	− 2.90	−25 27 35.1	+ 0.6
43	B. D.−13°4269........	9	46 17.29	− 0.19	+ 2.13	307 11 50.42	44.125	+ 9.46	−1 14.5	15 46 19.23	− 2.62	−13 50 38.3	− 0.1
44	C. P. D.−24°5590......	9	48 54.61	− 0.27	+ 2.13	296 3 49.90	48.748	+ 9.46	−1 55.1	15 48 56.47	− 2.89	−24 57 33.8	+ 0.2
45	B. D.−21°4233........	9	51 35.77	− 0.24	+ 2.13	299 49 49.22	45.882	+ 9.46	−1 38.5	15 51 37.66	− 2.79	−21 12 23.6	− 0.1
46	B. D.−19°4275........	8	53 34.06	− 0.23	+ 2.13	301 21 50.28	47.172	+ 9.46	−1 32.6	15 53 35.96	− 2.76	−19 39 47.2	− 0.3
47	B. D.−18°4213........	9	55 27.43	− 0.22	+ 2.12	302 19 50.40	47.815	+ 9.46	−1 29.2	15 55 29.33	− 2.74	−18 41 28.7	− 0.5
48	B. D.−19°4295........	9	57 33.10	− 0.23	+ 2.12	301 27 50.95	45.448	+ 9.46	−1 32.3	15 57 34.99	− 2.76	−19 34 25.4	− 0.7
49	β^1 Scorpii...............	9	59 52.03	− 0.23	+ 2.15	301 29 49.40	45.170	+ 9.46	−1 32.2	15 59 53.92	.....	−19 32 33.2	....
50	B. D.−13°4342........	9	1 42.84	− 0.18	+ 2.12	307 13 50.25	43.810	+ 9.46	−1 14.5	16 1 44.78	− 2.64	−13 48 45.7	− 1.2
51	B. D.−17°4502........	9	4 24.25	− 0.22	+ 2.12	302 55 51.40	48.608	+ 9.46	−1 27.2	16 4 26.15	− 2.73	−18 5 7.6	− 1.2
52	ν Scorpii (*mean*).........	9	6 25.66	− 0.22	+ 2.14	301 49 51.32	44.755	+ 9.46	−1 31.1	16 6 27.56	.....	−19 12 39.9	....
53	B. D.−14°4370........	9	7 46.26	− 0.19	+ 2.12	306 9 50.30	45.405	+ 9.46	−1 17.4	16 7 48.19	− 2.66	−14 52 12.1	− 1.5
54	Moon I, N.............	9	16 4.37	− 0.21	+ 2.12	303 59 50.55	42.402	+ 9.46	−1 24.0	16 16 6.28	+67.95	−17 3 27.1	....
55	Moon II...............	9	18 20.25	− 0.21	+ 2.12	... .	......	....	. ....	16 18 22.16	−67.93	.. ..	....
56	B. D.−18°4381........	9	56 15.00	− 0.20	+ 2.12	302 17 51.75	44.858	+ 9.46	−1 29.7	16 56 16.92	− 2.72	−18 44 35.4	− 5.0
57	B. D.−17°4700........	9	58 55.99	− 0.19	+ 2.12	303 39 50.20	48.405	+ 9.46	−1 25.1	16 58 57.92	− 2.69	−17 21 11.3	− 5.1
58	C. P. D.−24°5813......	9	2 4.14	− 0.26	+ 2.12	296 9 49.60	47.155	+ 9.46	−1 55.0	17 2 6.00	− 2.85	−24 52 10.4	− 5.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 3 35	30.01	71.9	70.0
28 4 21	30.00	73.0	71.0
13 17	29.945	67.0	64.8
13 38	......	....	63.9
14 14	29.95	64.9	62.9
14 42	......	....	62.1
15 16	29.955	63.3	61.7
15 41	......	....	60.8
16 9	29.96	61.7	60.0
16 56	29.96	61.2	59.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at I, II, VI, VII.
3, 32, 45, 46, 52.	Bisections at I, II.
4, 11.	Bisections at VI, VII.
14, 19, 33, 34.	Bisections at II, VII.
54.	Bisections at II, III, IV, V, VI.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 1.8	.. ....	0.0	+ 1.8
3	+ 2.5	−15 49.1	...	−15 46.6
4	+ 2.6	+15 49.1	...	+15 51.7
54	+47 25.2	−15 40.4	...	+31 44.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Ophiuchi	9	4 53.04	− 0.18	+ 2.08	305 25 50.50	45.320	+ 9.46	−1 19.7	17 4 54.98	....	−15 36 16.1	....
2	B. D. −22°4299	9	6 36.49	− 0.24	+ 2.12	298 13 49.90	46.160	+ 9.46	−1 45.4	17 6 38.37	− 2.79	−22 48 23.2	− 5.9
3	C. P. D. −26°5863	9	10 20.11	− 0.27	+ 2.12	294 37 49.82	46.950	+ 9.46	−2 3.2	17 10 21.96	− 2.87	−26 24 23.0	− 6.5
4	C. P. D. −23°6564	9	12 16.17	− 0.25	+ 2.11	297 3 49.75	47.635	+ 9.46	−1 50.7	17 12 18.03	− 2.81	−23 57 55.0	− 6.4
5	ξ Ophiuchi	9	15 15.79	− 0.22	+ 2.11	300 1 50.05	45.565	+ 9.46	−1 38.0	17 15 17.68	− 2.74	−21 0 29.3	− 6.5
6	B. D. −22°4336	9	17 25.44	− 0.24	+ 2.11	298 7 50.68	44.805	+ 9.46	−1 45.9	17 17 27.31	− 2.77	−22 54 53.9	− 6.8
7	C. P. D. −25°6028	9	20 59.73	− 0.26	+ 2.11	295 9 48.98	49.372	+ 9.46	−2 0.2	17 21 1.58	− 2.83	−25 51 25.5	− 7.3
8	51 Ophiuchi	9	25 34.33	− 0.25	+ 2.11	297 9 50.00	44.242	+ 9.46	−1 50.4	17 25 36.19	− 2.77	−23 53 11.9	− 7.4
9	C. P. D. −24°5914	9	29 42.00	− 0.25	+ 2.11	296 27 49.92	48.530	+ 9.46	−1 53.6	17 29 43.86	− 2.78	−24 33 37.2	− 7.8
10	ξ Serpentis	9	32 6.00	− 0.18	+ 2.12	305 41 50.20	45.570	+ 9.46	−1 19.0	17 32 7.93	....	−15 20 10.0	....
11	C. P. D. −26°5922	8	33 7.15	− 0.27	+ 2.11	294 9 49.70	46.325	+ 9.46	−2 6.0	17 33 8.99	− 2.83	−26 52 39.9	− 8.2
12	C. P. D. −27°5723	9	37 15.99	− 0.28	+ 2.11	293 13 49.78	42.712	+ 9.46	−2 11.8	17 37 17.82	− 2.84	−27 50 8.5	− 8.7
13	C. P. D. −25°6071	8	40 47.21	− 0.26	+ 2.11	295 19 49.75	45.530	+ 9.46	−1 59.6	17 40 49.06	− 2.78	−25 42 51.9	− 8.7
14	B. D. −19°4711	9	43 54.71	− 0.21	+ 2.11	301 3 50.12	45.705	+ 9.46	−1 34.2	17 43 56.61	− 2 64	−19 58 22.2	− 8.2
15	C. P. D. −25°6128	9	45 58.99	− 0.26	+ 2.11	295 17 51.85	46.002	+ 9.46	−1 59.8	17 46 0.84	− 2.76	−25 44 39.5	− 9.0
16	B. D. −16°4639	9	46 46.27	− 0.19	+ 2.11	304 5 51.25	44.905	+ 9.46	−1 23.9	17 46 48.19	− 2.58	−16 56 29.1	− 8.0
17	9 G. Sagittarii	9	50 16.87	− 0.21	+ 2.11	302 15 50.10	43.925	+ 9.46	−1 30.1	17 50 18.77	− 2.60	−18 46 58.8	− 8.5
18	B. D. −22°4474	9	53 9.79	− 0.24	+ 2.11	298 31 50.30	46.240	+ 9.46	−1 44.4	17 53 11.66	− 2.67	−22 30 20.2	− 9.1
19	C. P. D. −24°6084	9	54 19.22	− 0.25	+ 2.11	296 45 51.02	46.295	+ 9.46	−1 52.4	17 54 21.08	− 2.70	−24 16 26.0	− 9.4
20	C. P. D. −24°6126	9	56 58.93	− 0.25	+ 2.11	296 45 51.08	45.495	+ 9.46	−1 52.5	17 57 0.79	− 2.69	−24 16 44.3	− 9.6
21	γ Sagittarii	9	59 39.44	− 0.30	+ 2.11	290 37 49.40	45.602	+ 9.46	−2 30.1	17 59 41.25	....	−30 25 21.1	....
22	C. P. D. −27°6176	8	2 52.35	− 0.28	+ 2.11	293 15 50.08	43.918	+ 9.46	−2 11.8	18 2 54.18	− 2.75	−27 47 40.7	−10.5
23	B. D. −19°4886 (*mean*)	9	5 34.08	− 0.21	+ 2.11	301 9 49.85	48.020	+ 9.46	−1 34.0	18 5 35.98	− 2.58	−19 51 29.4	− 9.5
24	C. P. D. −29°5425	9	8 57.43	− 0.30	+ 2.11	291 11 50.65	46.660	+ 9.46	−2 25.8	18 8 59.24	− 2.77	−29 50 51.4	−11.2
25	C. P. D. −28°6497	9	11 19.78	− 0.29	+ 2.11	292 21 49.58	46.162	+ 9.46	−2 17.6	18 11 21.60	− 2.73	−28 40 55.7	−11.2
26	B. D. −18°4896 (*mean*)	9	13 5.61	− 0.20	+ 2.11	302 23 50.52	43.212	+ 9.46	−1 29.7	18 13 7.52	− 2.53	−18 39 14.3	− 9.8
27	B. D. −22°4693	9	16 14.57	− 0.24	+ 2.11	298 3 50.75	47.785	+ 9.46	−1 46.5	18 16 16.44	− 2.59	−22 57 46.3	−10.6
28	C. P. D. −27°6398	9	19 44.35	− 0.28	+ 2.11	293 33 50.50	44.448	+ 9.46	−2 10.0	18 19 46.18	− 2.67	−27 29 26.3	−11.5
29	C. P.D. −26°6463(*mean*)	8	21 45.41	− 0.27	+ 2.11	294 21 50.08	44.645	+ 9.46	−2 5.3	18 21 47.25	− 2.64	−26 41 17.5	−11.6
30	C. P. D. −28°6576	9	24 26.71	− 0.29	+ 2.11	292 11 50.18	45.135	+ 9.46	−2 18.8	18 24 28.53	− 2.68	−28 51 19.7	−12.1
31	C. P. D. −24°6447	9	28 2.35	− 0.25	+ 2.11	296 55 50.28	47.305	+ 9.46	−1 51.8	18 28 4.21	− 2.56	−24 6 3.1	−11.5
32	C. P. D. −29°5610	9	29 52.82	− 0.30	+ 2.10	291 15 50.95	48.035	+ 9.46	−2 25.3	18 29 54.62	− 2.67	−29 46 19.2	−12.6
33	B. D. −20°5223	9	34 12.61	− 0.22	+ 2.10	300 51 50.12	48.838	+ 9.46	−1 35.1	18 34 14.49	− 2.47	−20 9 11.5	−11.1
34	B. D. −21°5118	9	37 49.81	− 0.22	+ 2.10	300 1 50.95	45.275	+ 9.46	−1 38.4	18 37 51.69	− 2.47	−21 0 35.4	−11.5
35	B. D. −22°4854	9	40 33.90	− 0.24	+ 2.10	298 31 50.65	48.778	+ 9.46	−1 44.5	18 40 35.76	− 2.48	−22 29 21.8	−11.9
36	C. P. D. −25°6614	9	43 45.04	− 0.26	+ 2.10	295 17 51.05	50.198	+ 9.46	−2 0.0	18 43 46.88	− 2.52	−25 43 4.4	−12.6
37	C. P. D. −29°5758	9	46 31.97	− 0.30	+ 2.10	291 33 51.10	45.172	+ 9.46	−2 23.4	18 46 33.77	− 2.58	−29 29 22.3	−13.6
38	B. D. −16°5078	9	49 59.68	− 0.19	+ 2.10	304 31 51.02	47.675	+ 9.46	−1 22.8	18 50 1.59	− 2.35	−16 29 24.9	−11.2
39	C. P. D. −25°6642	9	52 28.06	− 0.26	+ 2.10	296 1 50.00	47.492	+ 9.46	−1 56.3	18 52 29.90	− 2.46	−25 0 3.6	−13.0
40	ζ Sagittarii	9	56 31.01	− 0.30	+ 2.10	291 1 50.78	46.795	+ 9.46	−2 27.3	18 56 32.81	....	−30 0 49.7	....
41	B. D. −21°5233	9	58 36.26	− 0.23	+ 2.10	299 21 49.78	46.725	+ 9.46	−1 41.1	18 58 38.13	− 2.38	−21 40 6.1	−12.6
42	B. D. −18°5206	9	1 31.71	− 0.21	+ 2.10	302 7 51.05	49.292	+ 9.46	−1 30.7	19 1 33.60	− 2.33	−18 52 55.8	−12.1
43	π Sagittarii	9	4 3.78	− 0.22	+ 2.10	299 51 50.52	45.935	+ 9.46	−1 39.2	19 4 5.66	....	−21 10 21.5	....
44	B. D. −17°5535	9	9 17.58	− 0.19	+ 2.10	303 31 50.95	44.970	+ 9.46	−1 26.0	19 9 19.49	− 2.28	−17 30 30.0	−12.1
45	*d* Sagittarii	9	12 1.52	− 0.21	+ 2.10	301 53 50.45	48.570	+ 9.46	−1 31.5	19 12 3.41	....	−19 7 13.7	....
46	κ Aquilæ	9	31 43.77	− 0.13	+ 2.14	313 47 51.92	44.330	+ 9.46	− 59.6	19 31 45.74	....	− 7 14 17.3	....
	May 29, R.												
47	32 Libræ	9	22 51.40	− 0.22	+ 1.93	304 37 50.20	48.838	+10.30	−1 20.6	15 22 53.15	....	−16 22 56.1	....
48	γ Libræ	8	30 10.15	− 0.21	+ 1.99	306 33 49.75	45.318	+10.30	−1 15.2	15 30 11.90	....	−14 28 11.6	....
49	ζ Coronæ Borealis (*fol.*)	9	35 45.96	0.00	+ 1.96	357 57 53.20	44.940	+10.30	− 1.9	15 35 47.92	− 2.14	+36 56 56.4	− 4.6
50	β Serpentis	9	41 45.74	− 0.06	+ 2.02	336 43 50.98	47.152	+10.30	− 24.0	15 41 47.64	....	+15 43 22.7	....
51	ζ Ursæ Minoris	7	47 30.31	+ 0.14	+ 1.96	39 5 55.75	44.435	+10.30	+ 45.6	15 47 32.41	....	+78 5 34.8	....
52	ε Coronæ Borealis	9	53 37.01	− 0.03	+ 1.97	348 9 52.82	46.640	+10.30	− 11.7	15 53 38.94	....	+27 9 25.1	....
53	θ Draconis	9	0 5.73	+ 0.08	+ 1.96	19 49 53.42	45.228	+10.30	+ 20.3	16 0 7.77	....	+58 49 25.2	....
54	δ Ophiuchi	9	9 19.50	− 0.14	+ 1.97	317 33 50.88	47.855	+10.30	− 51.0	16 9 21.32	....	− 3 26 48.3	....
55	τ Herculis	9	16 51.61	+ 0.04	+ 1.96	7 33 54.75	43.652	+10.30	+ 7.5	16 16 53.61	....	+46 32 37.8	....
56	α Scorpii	9	23 32.49	− 0.28	+ 1.96	294 49 49.05	44.860	+10.30	−2 0.1	16 23 34.17	....	−26 13 7.6	....
57	ζ Ophiuchi	9	31 53.16	− 0.17	+ 1.92	310 39 49.18	44.512	+10.30	−1 5.0	16 31 54.95	....	−10 22 20.4	....
58	ζ Herculis	9	37 40.36	0.00	+ 1.96	352 47 53.72	44.485	+10.30	− 7.0	16 37 42.32	....	+31 46 41.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
28 17 14	......	....	58.8	3, 13, 43. Bisections at II, VII.					
17 35	29.95	60.0	58.0	11, 37. Bisections at VI, VII.					
18 7	......	....	57.1	15, 18. Bisections at I, II.					
18 35	29.95	58.5	56.8	51. Bisections at III, V.					
19 6	......	....	55.9						
19 33	29.945	57.5	56.0						
29 15 19	29.815	67.0	65.4						
15 40	......	....	65.0						
16 3	29.80	66.0	64.8	Note.					
16 27	......	....	64.6	52, 56. Clouds.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	114 B. Draconis	9	43 29.07	+ 0.10	+ 1.96	17 57 55.45	44.988	+10.30	+ 18.2	16 43 31.13	.....	+56 57 19.7	....
2	κ Ophiuchi	9	53 7.94	− 0.07	+ **1.93**	330 31 51.35	47.820	+10.30	− 31.5	16 53 9.82	.....	+ 9 31 30.8	....
3	d Herculis	9	58 4.04	+ 0.02	+ 1.95	354 43 51.65	43.992	+10.30	− 5.1	16 58 6.01	.....	+33 42 30.0	....
	May 30, Br.												
4	Moon II, N	9	12 5.87	− 0.23	+ 1.65	302 3 47.28	44.007	+10.36	−1 27.7	18 12 7.29	−67.15	−18 58 56.5	....
	May 31, Br.												
5	Sun I, S	9	31 19.84	− 0.06	+ 1.57	342 41 48.48	42.615	+10.08	− 16.9	4 31 21.35	+68.33	+21 39 43.2	....
6	Sun II, N	9	33 36.51	− 0.06	+ 1.57	343 13 47.50	41.632	+10.08	− 16.3	4 33 38.02	−68.34	+22 11 20.6	....
	June 3, Ei.-Y.												
7	B. D. − 3°3462	9	19 29.37	− 0.14	+ 1.10	317 13 48.88	43.882	+ 8.58	− 51.2	13 19 30.33	− 1.98	− 3 48 23.0	+ 7.2
8	B. D. −15°3668	9	22 21.12	− 0.21	+ 1.10	305 33 48.10	44.185	+ 8.58	−1 17.2	13 22 22.01	− 2.19	−15 28 42.9	+10.3
9	B. D. − 3°3486	9	25 47.80	− 0.14	+ 1.09	317 3 49.55	45.470	+ 8.58	− 51.4	13 25 48.75	− 2.01	− 3 57 46.2	+ 7.0
10	B. D. − 7°3639	9	28 11.83	− 0.16	+ 1.09	313 3 49.35	47.320	+ 8.58	− 59.1	13 28 12.76	− 2.09	− 7 57 11.9	+ 7.9
11	ζ Virginis	9	29 49.07	− 0.12	+ **1.08**	320 55 48.45	43.570	+ 8.58	− 44.9	13 29 50.04	.....	− 0 6 24.3	....
12	m Virginis	9	36 35.53	− 0.16	+ **1.09**	312 47 48.85	47.290	+ 8.58	− 59.7	13 36 36.46	.....	− 8 13 13.7	....
13	B. D. − 7°3728 (*pr.*)	9	49 57.17	− 0.16	+ 1.09	313 25 48.60	47.108	+ 8.58	− 58.4	13 49 58.10	− 2.18	− 7 35 16.8	+ 6.5
14	B. D. −13°3802	9	53 20.73	− 0.19	+ 1.09	307 21 48.35	47.460	+ 8.58	−1 12.4	13 53 21.63	− 2.30	−13 39 23.0	+ 7.8
15	B. D. −14°3846	9	55 18.38	− 0.20	+ 1.09	306 33 47.75	42.595	+ 8.58	−1 14.6	13 55 19.27	− 2.33	−14 29 16.9	+ 7.8
16	B. D. −22°3844	9	40 37.84	− 0.25	+ 1.09	298 17 48.30	44.768	+ 8.58	−1 42.7	14 40 38.68	− 2.70	−22 44 54.7	+ 6.1
17	B. D. −19°3966	9	44 3.77	− 0.23	+ 1.09	301 31 47.32	45.740	+ 8.58	−1 30.3	14 44 4.63	− 2.63	−19 30 21.2	+ 5.3
18	B. D. −16°3953	8	46 41.76	− 0.21	+ 1.09	303 55 48.98	43.940	+ 8.58	−1 22.4	14 46 42.64	− 2.58	−17 6 52.7	+ 4.7
19	B. D. −11°3841	9	52 33.69	− 0.17	+ 1.08	308 59 47.85	42.715	+ 8.58	−1 8.6	14 52 34.60	− 2.50	−12 3 8.1	+ 3.4
20	B. D. −10°3999	9	53 43.46	− 0.16	+ 1.08	310 15 48.38	46.738	+ 8.58	−1 5.5	14 53 44.38	− 2.48	−10 45 32.6	+ 3.1
21	B. D. −16°3992	9	58 13.39	− 0.20	+ 1.08	304 49 47.52	43.708	+ 8.58	−1 19.7	14 58 14.27	− 2.60	−16 12 56.8	+ 3.7
22	B. D. −21°4030	9	0 56.49	− 0.24	+ 1.08	299 21 47.32	48.142	+ 8.58	−1 38.3	15 0 57.33	− 2.74	−21 39 34.3	+ 4.3
23	C. P. D. −23°6090	9	4 17.08	− 0.25	+ 1.08	297 25 47.25	44.192	+ 8.58	−1 46.6	15 4 17.91	− 2.80	−23 37 12.9	+ 4.2
24	B. D. −18°3997	9	6 46.66	− 0.22	+ 1.08	302 17 48.02	44.758	+ 8.58	−1 27.7	15 6 47.52	− 2.68	−18 44 40.3	+ 3.4
25	B. D. −17°4285	9	9 10.38	− 0.21	+ 1.08	303 37 48.32	44.602	+ 8.58	−1 23.4	15 9 11.25	− 2.66	−17 24 39.3	+ 3.0
26	B. D. −19°4076	9	14 23.35	− 0.22	+ 1.08	301 49 47.08	46.248	+ 8.58	−1 29.3	15 14 24.21	− 2.71	−19 12 8.8	+ 2.8
27	B. D. −15°4083	9	15 41.04	− 0.19	+ 1.08	305 49 47.38	45.610	+ 8.58	−1 16.8	15 15 41.93	− 2.63	−15 12 10.5	+ 2.2
28	B. D. −16°4070	9	18 8.60	− 0.20	+ 1.08	304 49 48.08	42.740	+ 8.58	−1 19.8	15 18 9.48	− 2.65	−16 13 18.5	+ 2.2
29	B. D. −21°4103	6	19 24.84	− 0.24	+ 1.08	299 19 47.32	46.340	+ 8.58	−1 38.5	15 19 25.68	− 2.78	−21 42 15.7	+ 2.8
30	B. D. −20°4246	9	25 5.12	− 0.23	+ 1.08	300 37 47.42	47.000	+ 8.58	−1 33.6	15 25 5.97	− 2.77	−20 23 55.6	+ 2.1
31	C. P. D. −24°5526 (*fol.*)	9	27 30.56	− 0.26	+ 1.08	296 51 47.62	47.710	+ 8.58	−1 49.2	15 27 31.38	− 2.87	−24 9 54.8	+ 2.4
32	γ Libræ	9	30 11.03	− 0.18	+ **1.10**	306 33 47.25	45.492	+ 8.58	−1 14.8	15 30 11.93	.....	−14 28 11.4	....
33	B. D. −22°3989	.	.. ..	....	....	298 11 47.28	48.725	+ 8.58	−1 43.2	15 32	.....	−22 49 25.9	+ 1.8
34	B. D. −21°4159	.	.. ..	....	....	298 51 47.25	48.105	+ 8.58	−1 40.4	15 33	.....	−22 9 37.3	+ 1.7
35	C. P. D. −25°5646	9	40 3.30	− 0.26	+ 1.08	295 49 46.82	48.532	+ 8.58	−1 54.2	15 40 4.12	− 2.92	−25 11 41.8	+ 1.4
36	B. D. −13°4252	9	43 6.27	− 0.17	+ 1.08	307 49 47.15	45.272	+ 8.58	−1 11.5	15 43 7.18	− 2.64	−13 12 13.3	0.0
37	B. D. −13°4269	9	46 18.37	− 0.18	+ 1.08	307 11 47.95	44.225	+ 8.58	−1 13.2	15 46 19.27	− 2.66	−13 50 38.1	− 0.2
38	C. P. D. −24°5590	9	48 55.69	− 0.26	+ 1.08	296 3 47.75	48.752	+ 8.58	−1 53.1	15 48 56.51	− 2.93	−24 57 34.7	+ 0.6
39	B. D. −21°4233	9	51 36.86	− 0.23	+ 1.08	299 49 47.32	45.880	+ 8.58	−1 36.7	15 51 37.71	− 2.83	−21 12 24.4	+ 0.1
40	B. D. −19°4275	9	53 35.17	− 0.22	+ 1.08	301 21 47.02	47.258	+ 8.58	−1 31.0	15 53 36.03	− 2.80	−19 39 47.5	− 0.2
41	B. D. −19°4295	9	57 34.21	− 0.22	+ 1.08	301 27 47.88	45.532	+ 8.58	−1 30.7	15 57 35.07	− 2.80	−19 34 25.7	− 0.5
42	β¹ Scorpii	9	59 53.17	− 0.22	+ **1.04**	301 29 46.02	45.235	+ 8.58	−1 30.6	15 59 54.03	.....	−19 32 34.3	....
43	ν Scorpii (*mean*)	9	6 26.80	− 0.21	+ **1.04**	301 49 47.35	44.855	+ 8.58	−1 29.4	16 6 27.67	.....	−19 12 40.5	....
44	δ Ophiuchi	9	9 20.39	− 0.12	+ **1.09**	317 33 47.95	48.088	+ 8.58	− 50.8	16 9 21.35	.....	− 3 26 47.4	....
45	ε Ophiuchi	9	13 16.02	− 0.12	+ **1.10**	316 33 48.55	46.360	+ 8.58	− 52.7	16 13 16.98	.....	− 4 27 28.2	....
	June 3, Br.												
46	Uranus C, C	9	53 48.64	− 0.23	+ 0.93	297 23 47.50	46.110	+ 8.60	−1 47.1	17 53 49.34	.....	−23 38 29.3	....
47	o Herculis	9	3 49.25	+ 0.04	+ **0.95**	349 45 50.42	45.770	+ 8.60	− 10.0	18 3 50.22	.....	+28 45 2.8	....
48	22 H. Camelopardalis S. P.	9	8 13.92	+ 0.02	+ 0.93	71 37 52.40	42.723	+ 8.60	+2 47.1	6 8 14.87	.....	+69 21 7.6	....
49	δ Sagittarii	9	14 53.16	− 0.28	+ 0.93	291 11 49.15	43.704	+ 8.60	−2 22.7	18 14 53.81	.....	−29 51 58.2	....
50	109 Herculis	9	19 37.83	+ 0.02	+ **0.93**	342 43 48.98	47.748	+ 8.60	− 17.3	18 19 38.78	.....	+21 43 39.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 16 50	29.795	65.7	64.6
17 21	29.78	66.0	65.1
30 18 12	29.695	71.0	69.9
31 4 34	29.815	80.8	80.3
3 13 17	29.85	71.7	70.7
13 46	......	....	70.1
14 16	29.865	70.2	69.7
14 43	......	....	68.9
15 10	29.87	69.4	68.6
15 42	......	....	68.2
16 14	29.88	68.5	67.8
17 54	29.88	67.9	67.0

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at II, III, IV, V, VI.
5.	Bisections at I, II.
6.	Bisections at VI, VII.
9, 16, 18, 27, 41.	Bisections at II, VII.
46, 49.	Bisections at I, II, VI, VII.
48.	Bisections at III, IV, V.

Notes.

2, 8. Clouds.
50. Circle reading decreased 2′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+47 24.7	−15 19.7	...	+32 5.0
5	+ 2.5	+15 48.7	...	+15 51.2
6	+ 2.5	−15 48.7	...	−15 46.2
46	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	2 H. Scuti	9	23 45.36	− 0.16	+ 0.93	306 23 47.82	47.382	+ 8.60	−1 15.5	18 23 46.13	.....	−14 37 28.4	....
2	23 H. Camelopardalis s. P.	9	29 47.40	− 0.13	+ 0.93	61 19 53.12	43.045	+ 8.60	+1 42.1	6 29 48.20	.....	+79 40 4.4	....
3	4 H. Scuti	9	37 2.68	− 0.12	+ 1.00	311 53 47.88	44.048	+ 8.60	−1 2.1	18 37 3.49	.....	− 9 8 31.1	....
4	110 Herculis	9	41 33.21	+ 0.02	+ 0.87	341 27 50.60	46.985	+ 8.60	− 18.7	18 41 34.16	.....	+20 27 22.0	....
5	β Lyræ	9	46 33.51	+ 0.06	+ 0.92	354 15 51.80	45.780	+ 8.60	− 5.6	18 46 34.49	.....	+33 15 8.8	....
6	51 H. Cephei s. P.	9	55 26.06	− 0.91	+ 0.92	53 47 52.20	44.493	+ 8.60	+1 16.5	6 55 26.07	.....	+87 11 57.4	....
7	λ Ursæ Minoris	7	18 42.31	+ 3.04	+ 0.92	49 59 52.72	44.195	+ 8.60	+1 6.8	19 18 46.27	.....	+88 59 45.1	....
8	θ Cygni	6	33 53.52	+ 0.14	+ 0.92	10 59 52.15	47.185	+ 8.60	+ 11.0	19 33 54.58	.....	+49 59 57.7	....
9	228 G. Sagittarii	9	39 55.66	− 0.29	+ 0.92	288 55 50.38	44.010	+ 8.60	−2 41.2	19 39 56.29	− 2.47	−32 8 8.5	−17.0
10	α Aquilæ	9	46 7.26	− 0.02	+ 0.91	329 37 50.28	46.715	+ 8.60	− 32.7	19 46 8.16	.....	+ 8 37 1.6	....
11	β Aquilæ	9	50 37.18	− 0.04	+ 0.88	327 11 48.72	44.632	+ 8.60	− 36.0	19 50 38.06	.....	+ 6 10 9.1	....
12	γ Sagittæ	4	54 30.44	+ 0.02	+ 0.96	340 13 50.08	48.655	+ 8.60	− 20.0	19 54 31.38	.....	+19 13 58.6	....
13	173 B. Camelopardalis s. P.	9	7 26.90	− 0.04	+ 0.92	64 55 53.50	45.030	+ 8.60	+1 59.5	8 7 27.78	.....	+76 3 1.3	....
14	24 Vulpeculæ	9	12 41.77	+ 0.04	+ 0.92	345 23 51.78	44.712	+ 8.60	− 14.5	20 12 42.73	.....	+24 22 35.5	....
15	γ Cygni	9	18 48.22	+ 0.10	+ 0.91	0 57 50.95	45.080	+ 8.60	+ 1.0	20 18 49.23	.....	+39 56 58.5	....
16	ρ Capricorni	8	23 24.49	− 0.17	+ 0.90	302 53 48.58	47.418	+ 8.60	−1 26.2	20 23 25.23	.....	−18 7 37.3	....
17	α Delphini	9	35 11.83	+ 0.01	+ 0.92	336 35 50.42	44.975	+ 8.60	− 24.2	20 35 12.75	.....	+15 34 30.5	....
18	Moon II, N	9	40 40.31	− 0.12	+ 0.91	309 17 49.75	44.206	+ 8.60	−1 8.3	21 40 41.10	−62.55	−11 44 31.8	....
	June 4, Br.												
19	Sun I, N	9	47 43.93	− 0.04	+ 0.86	343 43 48.60	44.142	+ 9.29	− 15.8	4 47 44.75	+68.49	+22 42 18.5	....
20	Sun II, S	9	50 0.92	− 0.04	+ 0.86	343 11 48.70	45.272	+ 9.29	− 16.4	4 50 1.74	−68.50	+22 10 44.1	....
	June 5, Br.												
21	Mercury II, C	9	22 45.39	+ 0.01	+ 0.55	335 43 48.05	42.874	+11.34	− 24.3	3 22 45.95	− 0.30	+14 41 42.7	....
22	Venus I, C	9	20 23.17	− 0.02	+ 0.54	341 57 47.62	46.025	+11.34	− 17.5	4 20 23.69	+ 0.33	+20 57 1.0	....
23	Venus II	9	20 23.84	− 0.02	+ 0.54	... .	......	.....	. ....	4 20 24.36	− 0.34	.. ..	....
	June 6, Br.												
24	Sun I, S	9	55 58.07	− 0.02	+ 0.54	343 25 47.18	43.010	+11.16	− 16.0	4 55 58.59	+68.67	+22 23 52.9	....
25	Sun II, N	9	58 15.42	− 0.02	+ 0.54	343 57 47.35	42.985	+11.16	− 38.7	4 58 15.94	−68.68	+22 55 30.1	....
	June 6, R.												
26	ε Aquilæ	9	55 17.72	+ 0.04	+ 0.51	335 58	......	.....	. ....	18 55 18.29	.....	+14 56	....
27	ζ Aquilæ	9	1 1.66	+ 0.04	+ 0.51	334 44	......	.....	. ....	19 1 2.23	.....	+13 43	....
28	d Sagittarii	9	12 3.16	− 0.08	+ 0.55	301 54	.....	.....	. ....	19 12 3.61	.....	−19 7	....
29	ω Aquilæ	9	13 20.41	+ 0.03	+ 0.51	332 26	......	.....	. ....	19 13 20.97	.....	+11 25	....
30	δ Aquilæ	9	20 41.32	+ 0.01	+ 0.50	323 56	......	.....	. ....	19 20 41.86	.....	+ 2 55	....
31	β Cygni	9	26 52.73	+ 0.06	+ 0.54	348 46	......	.....	. ....	19 26 53.32	.....	+27 45	....
32	μ Aquilæ	9	29 25.72	+ 0.02	+ 0.55	328 12	......	.....	. ....	19 29 26.27	.....	+ 7 10	....
33	κ Aquilæ	9	31 45.47	− 0.03	+ 0.55	313 48	......	.....	. ....	19 31 45.97	.....	− 7 14	....
34	Moon II	9	2 4.23	+ 0.01	+ 0.50	319 58	......	.....	. ....	0 2 4.74	−61.57	.. ..	....
	June 7, Br.												
35	Mercury II, C	9	29 34.11	+ 0.05	+ 0.20	336 17 56.40	43.515	+ 9.12	− 24.1	3 29 34.36	− 0.28	+15 16 3.7	....
36	Venus I, C	9	30 43.93	+ 0.06	+ 0.19	342 25 55.60	45.820	+ 9.38	− 17.3	4 30 44.18	+ 0.35	+21 25 2.6	....
37	Venus II	9	30 44.64	+ 0.06	+ 0.19	... .	......	.....	. ....	4 30 44.89	− 0.36	.. ..	....
	June 8, Br.												
38	Sun I, N	9	4 13.74	+ 0.07	+ 0.19	344 7 56.72	45.758	+ 9.35	− 15.5	5 4 14.00	+68.73	+23 7 3.9	....
39	Sun II, S	9	6 31.20	+ 0.07	+ 0.19	343 35 54.72	46.948	+ 9.35	− 16.1	5 6 31.46	−68.73	+22 35 28.8	....
	June 8, Ei.-Y.												
40	α Libræ	9	45 36.37	− 0.12	+ 0.25	305 23 52.90	44.125	+ 9.54	−1 18.0	14 45 36.48	.....	−15 38 39.3	....
41	B. D. −21°3985	9	47 51.64	− 0.15	+ 0.23	299 49 52.42	44.580	+ 9.53	−1 36.4	14 47 51.72	− 2.67	−21 12 47.7	+ 5.3
42	ξ^1 Libræ	9	49 12.40	− 0.09	+ 0.23	309 31 53.38	44.128	+ 9.53	−1 7.2	14 49 12.54	− 2.47	−11 30 27.7	+ 3.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 18 37	......	....	66.8
18 59	29.87	67.0	66.3
19 40	......	....	66.0
20 7	29.88	66.6	66.0
20 35	29.89	66.1	65.8
21 41	29.91	66.1	65.8
4 4 50	29.97	81.8	82.1
5 3 23	29.83	84.1	84.1
4 20	29.83	85.3	85.2
6 4 58	29.83	86.0	85.9
7 3 30	29.77	75.5	73.3
4 31	29.76	75.9	74.3
8 5 6	29.76	76.8	75.2
14 42	29.785	69.0	68.1

Micrometer bisections are made at II, VI, except as noted below.

2, 13.	Bisections at III, V.
6.	Bisections at III, IV, V.
7.	Bisections at b_2, b_5, b_8.
8.	Bisection at III.
9, 21, 22, 36.	Bisections at I, II, VI, VII.
12, 20, 25, 35, 39, 42.	Bisections at VI, VII.
16.	Bisections at II, VI, VII.
18.	Bisections at II, III, IV, V, VI.
19, 24, 38.	Bisections at I, II.

Notes.

8, 27–31.	Clouds.
15.	Observed head north.
25.	Micrometer reading increased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
18	+41 51.8	−14 50.1	...	+27 1.7
19	+ 2.4	−15 47.1	...	−15 44.7
20	+ 2.5	+15 47.2	...	+15 49.7
21	+ 4.6	.. ....	− 0.9	+ 3.7
22	+ 1.6	.. ....	0.0	+ 1.6
24	+ 2.4	+15 48.6	...	+15 51.0
25	+ 2.4	−15 48.6	...	−15 46.2
35	+ 4.3	.. ....	− 0.8	+ 3.5
36	+ 1.5	.. ....	0.0	+ 1.5
38	+ 2.3	−15 47.5	...	−15 45.2
39	+ 2.4	+15 47.5	...	+15 49.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ξ^2 Libræ	9	51 35.78	− 0.09	**+ 0.23**	309 59 53.25	46.905	+ 9.52	−1 6.1	14 51 35.92	....	−11 1 23.5	....
2	C. P. D. −23°6029	9	53 14.22	− 0.16	+ 0.23	297 33 52.85	47.005	+ 9.51	−1 45.8	14 53 14.29	− 2.75	−23 28 1.0	+ 5.3
3	B. D. −19°4019	9	0 22.33	− 0.14	+ 0.23	300 59 52.42	44.880	+ 9.48	−1 32.1	15 0 22.42	− 2.69	−20 2 36.6	+ 4.1
4	C. P. D. −23°6073	9	1 42.91	− 0.17	+ 0.23	297 11 52.75	48.472	+ 9.47	−1 47.4	15 1 42.97	− 2.79	−23 49 29.5	+ 4.6
5	B. D. −14°4140	9	6 30.33	− 0.11	+ 0.23	306 9 53.08	45.322	+ 9.45	−1 15.8	15 6 30.45	− 2.60	−14 52 9.6	+ 2.7
6	B. D. −13°4111	9	9 2.47	− 0.11	+ 0.23	307 11 53.00	42.790	+ 9.44	−1 13.1	15 9 2.59	− 2.58	−13 51 4.9	+ 2.4
7	B. D. −20°4196	9	12 22.28	− 0.15	+ 0.23	300 39 52.68	45.992	+ 9.43	−1 33.4	15 12 22.36	− 2.74	−20 22 12.2	+ 3.2
8	B. D. −22°3938	9	16 49.85	− 0.16	+ 0.23	298 23 52.55	46.920	+ 9.42	−1 42.3	15 16 49.92	− 2.81	−22 38 0.1	+ 3.2
9	B. D. − 9°4138	9	19 2.03	− 0.09	+ 0.23	311 3 52.42	43.448	+ 9.40	−1 3.7	15 19 2.17	− 2.54	− 9 58 41.1	+ 1.0
10	32 Libræ	9	22 53.02	− 0.12	**+ 0.24**	304 39 53.25	43.425	+ 9.38	−1 20.2	15 22 53.13	....	−16 22 57.3	....
11	B. D. −19°4135	9	27 8.38	− 0.14	+ 0.23	301 41 53.08	44.600	+ 9.36	−1 29.7	15 27 8.47	− 2.75	−19 20 40.1	+ 1.8
12	B. D. −15°4144	9	31 33.59	− 0.11	+ 0.22	305 49 52.08	46.425	+ 9.34	−1 16.8	15 31 33.70	− 2.67	−15 11 46.5	+ 0.9
13	B. D. −17°4383	9	33 16.48	− 0.13	+ 0.22	303 41 53.15	43.415	+ 9.33	−1 23.2	15 33 16.57	− 2.72	−17 21 0.6	+ 1.1
14	B. D. −13°4226	8	35 57.70	− 0.11	+ 0.22	307 21 53.00	46.512	+ 9.32	−1 12.7	15 35 57.81	− 2.65	−13 39 39.5	+ 0.4
15	C. P. D. −23°6252	9	38 38.22	− 0.17	+ 0.22	296 55 52.62	48.472	+ 9.31	−1 48.8	15 38 38.27	− 2.90	−24 5 31.2	+ 1.5
16	B. D. −20°4322	9	41 49.09	− 0.15	+ 0.22	300 51 52.68	46.150	+ 9.30	−1 32.7	15 41 49.16	− 2.80	−20 10 8.1	+ 0.8
17	μ Serpentis	9	44 38.93	− 0.06	**+ 0.19**	317 53 54.20	44.165	+ 9.29	− 50.2	15 44 39.09	....	− 3 8 9.8	....
18	B. D. −18°4182	9	46 9.14	− 0.14	+ 0.22	302 23 52.75	43.770	+ 9.28	−1 27.4	15 46 9.22	− 2.78	−18 38 57.1	+ 0.3
19	B. D. −16°4174	9	48 24.11	− 0.12	+ 0.22	304 35 53.75	43.660	+ 9.27	−1 20.5	15 48 24.21	− 2.74	−16 26 51.8	− 0.2
20	B. D. −13°4290	9	50 53.95	− 0.11	+ 0.22	306 55 52.58	42.990	+ 9.26	−1 13.9	15 50 54.06	− 2.69	−14 7 1.7	− 0.6
21	B. D. −15°4226	9	52 52.57	− 0.12	+ 0.22	305 49 52.45	45.675	+ 9.25	−1 16.9	15 52 52.67	− 2.72	−15 12 3.5	− 0.6
22	B. D. −20°4380	9	55 31.18	− 0.15	+ 0.22	300 9 52.65	43.805	+ 9.24	−1 35.4	15 55 31.25	− 2.85	−20 53 4.4	− 0.2
23	B. D. −19°4308	9	59 54.33	− 0.14	+ 0.22	301 29 51.58	45.470	+ 9.22	−1 30.5	15 59 54.41	− 2.83	−19 32 22.7	− 0.7
24	ω^2 Scorpii	9	1 49.17	− 0.15	+ 0.22	300 25 52.70	45.075	+ 9.21	−1 34.4	16 1 49.24	− 2.85	−20 36 34.5	− 0.8
25	C. P. D. −26°5611	9	5 43.75	− 0.19	+ 0.22	294 9 51.15	42.528	+ 9.19	−2 3.4	16 5 43.78	− 3.03	−26 54 3.2	− 0.5
26	C. P. D. −24°5671	9	8 1.91	− 0.17	+ 0.22	296 51 53.38	45.690	+ 9.18	−1 49.4	16 8 1.96	− 2.96	−24 10 34.8	− 1.0
27	B. D. −22°4127	9	9 14.39	− 0.16	+ 0.22	298 53 52.90	46.292	+ 9.18	−1 40.5	16 9 14.45	− 2.90	−22 8 12.6	− 1.2
28	B. D. −17°4534	9	12 58.78	− 0.13	+ 0.22	303 53 53.30	43.258	+ 9.16	−1 22.7	16 12 58.87	− 2.79	−17 9 3.8	− 1.9
29	σ Scorpii	9	15 24.07	− 0.18	+ 0.22	295 39 52.20	48.165	+ 9.15	−1 55.2	16 15 24.11	....	−25 21 45.2	....
30	ρ Ophiuchi	9	19 52.49	− 0.17	+ 0.22	297 49 52.65	43.045	+ 9.13	−1 45.2	16 19 52.54	− 2.94	−23 13 31.8	− 2.0
31	B. D. −21°4366	9	23 41.51	− 0.16	+ 0.22	299 41 53.28	43.155	+ 9.11	−1 37.5	16 23 41.57	− 2.90	−21 21 21.0	− 2.4
32	B. D. −22°4173	9	25 55.73	− 0.16	+ 0.22	298 27 53.25	42.780	+ 9.10	−1 42.6	16 25 55.79	− 2.93	−22 35 34.7	− 2.5
33	τ Scorpii	9	29 57.33	− 0.20	+ 0.22	293 1 52.48	45.548	+ 9.09	−2 10.4	16 29 57.35	....	−28 1 0.2	....
34	ζ Ophiuchi	9	31 54.83	− 0.09	**+ 0.26**	310 39 51.88	44.498	+ 9.08	−1 5.0	16 31 54.96	....	−10 22 19.5	....
35	C. P. D. −26°5690	6	32 43.51	− 0.19	+ 0.22	294 15 53.02	43.228	+ 9.07	−2 3.2	16 32 43.54	− 3.05	−26 47 45.0	− 2.9
36	24 Scorpii	9	36 3.84	− 0.13	+ 0.22	303 27 52.92	47.890	+ 9.06	−1 24.3	16 36 3.93	− 2.82	−17 33 20.0	− 3.6
37	C. P. D. −28°5395	9	39 2.93	− 0.21	+ 0.22	292 43 53.00	43.435	+ 9.05	−2 12.6	16 39 2.94	− 3.09	−28 19 50.0	− 3.4
38	B. D. −21°4422	9	43 54.26	− 0.16	+ 0.22	299 21 53.28	44.268	+ 9.03	−1 39.1	16 43 54.32	− 2.91	−21 40 57.2	− 4.0
39	B. D. −16°4360	9	45 27.14	− 0.12	+ 0.22	304 39 52.90	43.838	+ 9.02	−1 20.7	16 45 27.24	− 2.80	−16 22 49.0	− 4.3
40	C. P. D. −23°6114	9	49 5.54	− 0.17	+ 0.22	297 41 53.75	43.838	+ 9.00	−1 46.1	16 49 5.59	− 2.96	−23 21 13.6	− 4.4
41	C. P. D. −27°5531 (*pr.*)	9	51 57.79	− 0.20	+ 0.22	293 35 52.55	43.940	+ 8.99	−2 7.3	16 51 57.81	− 3.06	−27 27 33.6	− 4.5
42	B. D. −21°4478	9	54 49.16	− 0.16	+ 0.21	299 43 52.60	44.475	+ 8.98	−1 37.6	16 54 49.21	− 2.90	−21 18 51.7	− 4.9
43	B. D. −15°4438	9	58 12.40	− 0.12	+ 0.21	305 17 54.50	46.665	+ 8.96	−1 18.8	16 58 12.49	− 2.78	−15 43 40.9	− 5.2
44	η Ophiuchi	9	4 55.03	− 0.12	**+ 0.17**	305 25 53.75	45.135	+ 8.93	−1 18.5	17 4 55.12	....	−15 36 16.4	....
45	B. D. −22°4299	9	6 38.43	− 0.17	+ 0.21	298 13 51.90	45.998	+ 8.93	−1 43.8	17 6 38.47	− 2.93	−22 48 23.9	− 5.8
46	Uranus C, C	9	52 57.91	− 0.17	+ 0.21	297 23 54.72	46.022	+ 8.65	−1 47.6	17 52 57.95	....	−23 38 24.5	....
47	B. D. −17°4987	9	55 51.05	− 0.12	+ 0.21	303 53 53.55	43.442	+ 8.63	−1 23.2	17 55 51.14	− 2.75	−17 9 0.4	− 9.0
48	B. D. −17°4997	9	57 9.36	− 0.12	+ 0.21	303 31 53.42	43.045	+ 8.62	−1 24.4	17 57 9.45	− 2.76	−17 31 10.7	− 9.1
49	B. D. −21°4866	9	2 55.84	− 0.15	+ 0.21	299 33 53.10	47.782	+ 8.58	−1 38.4	18 2 55.90	− 2.82	−21 27 36.8	− 9.7
50	C. P. D. −28°6374	9	5 55.08	− 0.21	+ 0.21	292 7 54.22	45.358	+ 8.56	−2 16.7	18 5 55.08	− 2.98	−28 55 9.4	−10.6
51	C. P. D. −25°6411	9	9 17.41	− 0.19	+ 0.21	295 13 52.00	45.348	+ 8.54	−1 58.2	18 9 17.43	− 2.89	−25 48 53.3	−10.5
52	C. P. D. −28°6498	9	11 21.62	− 0.21	+ 0.21	292 43 53.62	45.780	+ 8.52	−2 12.8	18 11 21.62	− 2.94	−28 18 56.5	−10.9
53	B. D. −15°4927	8	14 39.70	− 0.12	+ 0.21	305 9 52.42	45.710	+ 8.50	−1 19.4	18 14 39.79	− 2.69	−15 52 6.2	−10.0
54	η Serpentis	9	16 22.93	− 0.05	**+ 0.17**	318 5 56.12	46.440	+ 8.49	− 50.2	18 16 23.09	....	− 2 55 16.7	....
55	B. D. −21°4974	9	17 51.76	− 0.16	+ 0.21	299 19 53.48	45.340	+ 8.48	−1 39.4	18 17 51.81	− 2.78	−21 42 33.4	−10.7
56	C. P. D. −26°6467	9	22 9.60	− 0.20	+ 0.20	294 13 52.78	46.025	+ 8.45	−2 3.8	18 22 9.60	− 2.87	−26 48 42.8	−11.5
57	B. D. −21°5027	9	24 51.69	− 0.16	+ 0.20	299 13 53.40	44.628	+ 8.43	−1 39.9	18 24 51.73	− 2.76	−21 48 50.2	−11.1
58	C. P. D. −24°6448	9	28 43.14	− 0.18	+ 0.20	296 45 52.90	43.240	+ 8.40	−1 50.7	18 28 43.16	− 2.80	−24 17 33.3	−11.7
59	C. P. D. −25°6575	9	31 18.26	− 0.19	+ 0.20	295 17 53.08	46.588	+ 8.38	−1 58.0	18 31 18.27	− 2.82	−25 44 23.9	−12.0
60	B. D. −20°5223	9	34 14.63	− 0.15	+ 0.20	300 51 53.12	48.678	+ 8.36	−1 33.5	18 34 14.68	− 2.70	−20 9 11.9	−11.5
61	C. P. D. −28°6638	9	35 24.67	− 0.21	+ 0.20	292 59 53.18	46.605	+ 8.36	−2 11.3	18 35 24.66	− 2.86	−28 2 36.8	−12.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 15 4	......	....	67.8
15 28	29.79	68.4	67.2
15 57	......	....	67.0
16 16	29.80	67.5	66.2
16 41	......	....	64.2
17 8	29.795	65.4	63.9
17 51	29.79	64.9	63.2
18 13	......	....	63.2
18 37	29.79	64.1	62.4

Micrometer bisections are made at II, VI, except as noted below.

2, 35.	Bisections at VI, VII.
7, 22, 41, 43, 51.	Bisections at II, VII.
17, 33, 34, 53, 54, 60.	Bisections at I, II.
46.	Bisections at I, II, VI, VII.
47.	Bisections at I, II, VI.

Notes.

19–55.	Conditions poor.
20, 21.	Clouds.
28–30, 37.	Image poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
46	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D. −25°6602	9	38 58.27	− 0.18	+ 0.20	295 55 53.85	46.828	+ 8.33	−1 54.8	18 38 58.29	− 2.78	−25 6 14.4	−12.4
2	C. P. D. −28°6680	9	41 36.97	− 0.21	+ 0.20	292 39 53.15	46.280	+ 8.31	−2 13.4	18 41 36.96	− 2.84	−28 22 46.3	−13.0
3	C. P. D. −25°6614	9	43 46.99	− 0.19	+ 0.20	295 19 52.52	44.845	+ 8.30	−1 58.0	18 43 47.00	− 2.77	−25 43 4.4	−12.8
4	C. P. D. −26°6572	9	44 41.67	− 0.20	+ 0.20	294 9 52.60	46.335	+ 8.29	−2 4.3	18 44 41.67	− 2.79	−26 52 36.3	−13.0
5	B. D. −18°5115	9	47 31.65	− 0.14	+ 0.20	302 17 55.28	43.768	+ 8.27	−1 28.6	18 47 31.71	− 2.64	−18 44 56.9	−11.0
6	C. P. D. −25°6642	9	52 30.11	− 0.19	+ 0.20	296 1 54.08	47.270	+ 8.24	−1 54.3	18 52 30.12	− 2.72	−25 0 4.0	−13.2
7	C. P. D. −28°6740	9	54 1.24	− 0.21	+ 0.20	292 51 54.68	46.408	+ 8.23	−2 12.3	18 54 1.23	− 2.78	−28 10 40.9	−13.7
8	B. D. −19°5273	9	57 27.83	− 0.15	+ 0.20	301 39 52.95	44.245	+ 8.21	−1 30.8	18 57 27.88	− 2.61	−19 22 50.6	−12.6
9	C. P. D. −26°6635	9	59 18.14	− 0.20	+ 0.20	294 45 53.98	45.930	+ 8.19	−2 1.1	18 59 18.14	− 2.72	−26 16 41.6	−13.7
10	B. D. −18°5206	9	1 33.76	− 0.14	+ 0.20	302 7 53.75	49.190	+ 8.18	−1 29.1	19 1 33.82	− 2.59	−18 52 55.3	−12.7
11	C. P. D. −24°6603	9	2 25.33	− 0.19	+ 0.20	296 13 53.88	46.868	+ 8.17	−1 53.4	19 2 25.34	− 2.67	−24 48 12.0	−13.7
12	C. P. D. −28°6805	9	5 12.68	− 0.22	+ 0.20	292 21 52.78	45.310	+ 8.15	−2 15.6	19 5 12.66	− 2.74	−28 41 11.3	−14.5
13	C. P. D. −24°6650	9	9 44.99	− 0.18	+ 0.20	296 41 53.92	46.420	+ 8.12	−1 51.2	19 9 45.01	− 2.63	−24 20 20.4	−14.0
14	*d* Sagittarii	9	12 3.59	− 0.14	+ **0.23**	301 53 53.20	48.470	+ 8.10	−1 30.0	19 12 3.65	.....	−19 7 13.1	....
15	B. D. −15°5310	9	13 34.12	− 0.12	+ 0.20	305 19 54.10	45.925	+ 8.09	−1 19.2	19 13 34.20	− 2.50	−15 41 59.6	−12.7
16	B. D. −18°5322	9	16 8.86	− 0.14	+ 0.20	302 59 53.52	47.655	+ 8.07	−1 26.3	19 16 8.92	− 2.51	−18 1 27.7	−13.2
17	C. P. D. −24°6723	9	19 43.66	− 0.18	+ 0.20	296 53 53.45	45.210	+ 8.05	−1 50.4	19 19 43.68	− 2.58	−24 8 47.8	−14.5
18	B. D. −19°5462	9	22 28.57	− 0.15	+ 0.20	301 29 53.42	46.495	+ 8.03	−1 31.5	19 22 28.62	− 2.51	−19 31 59.5	−13.8
19	B. D. −17°5655	9	25 54.79	− 0.14	+ 0.20	303 9 53.25	45.610	+ 8.01	−1 25.9	19 25 54.85	− 2.47	−17 52 14.4	−13.6
20	B. D. −21°5444	8	29 57.51	− 0.16	+ 0.20	300 3 54.42	43.958	+ 7.98	−1 36.9	19 29 57.55	− 2.49	−20 59 2.0	−14.4
	June 8, R.												
21	Moon II	9	38 14.20	+ 0.05	+ 0.10	327 50	......	....	. ....	1 38 14.35	−63.34	.. ..	....
22	Mercury C, C	9	33 20.35	+ 0.08	+ 0.09	336 35 54.55	46.574	+ 8.42	− 23.9	3 33 20.52	− 0.13	+15 35 11.2	....
23	Venus I, C	8	35 55.67	+ 0.09	+ 0.08	342 39 55.88	43.460	+ 8.42	− 17.2	4 35 55.84	+ 0.39	+21 38 8.1	....
24	Venus II	9	35 56.46	+ 0.09	+ 0.08	... .	......	....	. ....	4 35 56.63	− 0.40	.. ..	....
	June 9, R.												
25	Sun I, N	9	8 21.94	+ 0.10	+ 0.08	344 13 57.10	43.595	+ 7.97	− 15.6	5 8 22.12	+68.84	+23 12 13.3	....
26	Sun II, S	8	10 39.63	+ 0.10	+ 0.08	343 41 56.52	44.812	+ 7.97	− 16.1	5 10 39.81	−68.85	+22 40 40.4	....
	June 10, M.												
27	Mercury C, C	9	41 36.68	+ 0.02	− 0.26	337 17 59.62	45.756	+ 6.42	− 23.4	3 41 36.44	− 0.12	+16 16 56.1	....
28	Venus I, C	9	46 22.27	+ 0.04	− 0.27	343 3 58.68	44.538	+ 6.42	− 16.9	4 46 22.04	+ 0.38	+22 2 33.8	....
29	Venus II	9	46 23.04	+ 0.04	− 0.27	... .	......	....	. ....	4 46 22.81	− 0.39	.. ..	....
	June 11, M.												
30	Sun I, S	8	16 39.25	+ 0.05	− 0.28	343 49 58.42	47.890	+ 6.67	− 16.1	5 16 39.02	+68.73	+22 49 51.0	....
31	Sun II, N	9	18 56.71	+ 0.05	− 0.28	344 21 58.98	46.640	+ 6.67	− 15.5	5 18 56.48	−68.73	+23 21 24.0	....
32	α Ursæ Minoris s. P.	8	24 26.01	− 1.97	− 0.34	52 12 3.35	45.711	+ 6.80	+1 11.5	1 24 23.70	.....	+88 47 24.6	....
33	89 Virginis	9	44 42.09	− 0.29	− **0.30**	303 21 56.30	47.338	+ 6.80	−1 23.8	13 44 41.46	.....	−17 39 31.0	....
34	92 Virginis	9	51 36.92	− 0.16	− 0.34	322 33 58.85	41.932	+ 6.80	− 42.4	13 51 36.42	− 2.03	+ 1 31 9.1	+ 3.2
35	τ Virginis	9	56 48.12	− 0.16	− **0.31**	323 1 58.08	45.445	+ 6.80	− 41.7	13 56 47.62	.....	+ 2 0 29.8	....
36	α Draconis	9	1 49.09	+ 0.13	− 0.34	25 52 0.80	41.840	+ 6.80	+ 27.0	14 1 48.88	.....	+64 50 18.5	....
37	κ Virginis	9	7 49.23	− 0.23	− **0.31**	311 11 56.30	45.880	+ 6.80	−1 3.2	14 7 48.66	.....	− 9 49 43.7	....
38	λ Virginis	6	13 57.72	− 0.25	− **0.31**	308 5 57.08	45.842	+ 6.80	−1 10.6	14 13 57.12	.....	−12 55 50.9	....
39	2 Libræ	9	18 18.47	− 0.24	− 0.35	309 45 56.02	43.692	+ 6.80	−1 6.5	14 18 17.88	− 2.33	−11 16 37.5	+ 5.1
40	*f* Bootis	9	22 1.79	− 0.08	− **0.34**	340 39 58.38	47.248	+ 6.80	− 19.4	14 22 1.36	.....	+19 39 33.3	....
	June 11, Ei.-Y.												
41	α Libræ	9	45 37.04	− 0.26	− **0.29**	305 23 56.15	44.102	+ 6.90	−1 17.9	14 45 36.48	.....	−15 38 39.1	....
42	B. D. −14°4140	9	6 31.02	− 0.25	− 0.30	306 9 55.98	45.325	+ 6.90	−1 15.8	15 6 30.47	− 2.59	−14 52 9.1	+ 2.6
43	B. D. −13°4111	9	9 3.09	− 0.24	− 0.31	307 11 56.25	42.780	+ 6.90	−1 13.1	15 9 2.54	− 2.58	−13 51 4.4	+ 2.2
44	B. D. −20°4196	9	12 22.93	− 0.29	− 0.31	300 39 55.55	45.988	+ 6.90	−1 33.3	15 12 22.33	− 2.74	−20 22 12.0	+ 3.1
45	B. D. −22°3938	9	16 50.55	− 0.31	− 0.31	298 23 55.38	46.922	+ 6.90	−1 42.2	15 16 49.93	− 2.81	−22 37 59.7	+ 3.1
46	B. D. − 9°4138	9	19 2.66	− 0.21	− 0.31	311 3 55.78	43.458	+ 6.90	−1 3.7	15 19 2.14	− 2.54	− 9 58 40.0	+ 0.8
47	32 Libræ	9	22 53.73	− 0.26	− **0.33**	304 39 56.05	43.450	+ 6.90	−1 20.2	15 22 53.16	.....	−16 22 56.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 19 7	......	....	61.5
19 27	29.785	62.8	61.1
3 34	29.85	71.9	70.0
4 34	29.84	73.0	71.0
9 5 11	29.84	74.0	72.2
10 3 42	29.86	65.5	65.0
4 47	29.83	67.8	67.6
11 5 19	29.84	68.6	68.6
13 14	29.78	69.9	69.9
14 5	......	....	69.1
14 24	29.81	68.9	68.9
14 47	29.805	68.5	68.7
15 5	......	....	68.2

Micrometer bisections are made at II, VI, except as noted below.

1, 14, 18, 42, 47.	Bisections at II, VII.
2.	Bisections at I, VII.
4, 11, 26, 31, 35, 38.	Bisections at VI, VII.
6, 9, 10, 25, 30, 34, 39.	Bisections at I, II.
22, 23, 27, 28.	Bisections at I, II, VI, VII.
32.	Bisections at b_1, b_2, b_5, b_8, b_9.
36.	Bisections at III, V.

Note.

45. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
22	+ 4.1	.. ....	− 0.7	+ 3.4
23	+ 1.5	.. ....	0.0	+ 1.5
25	+ 2.3	−15 46.4	...	−15 44.1
26	+ 2.4	+15 46.4	...	+15 48.8
27	+ 3.8	.. ....	− 0.6	+ 3.2
28	+ 1.5	.. ....	0.0	+ 1.5
30	+ 2.4	+15 46.4	...	+15 48.8
31	+ 2.3	−15 46.5	...	−15 44.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−19°4135	9	27 9.11	− 0.28	− 0.31	301 41 55.60	44.615	+ 6.90	−1 29.7	15 27 8.52	− 2.76	−19 20 39.7	+ 1.8
2	B. D.−15°4144	9	31 34.25	− 0.24	− 0.31	305 49 55.92	46.380	+ 6.90	−1 16.7	15 31 33.70	− 2.68	−15 11 46.1	+ 0.8
3	B. D.−17°4388	9	33 17.15	− 0.26	− 0.31	303 41 55.82	43.430	+ 6.90	−1 23.1	15 33 16.58	− 2.73	−17 21 0.0	+ 1.0
4	B. D.−13°4226	9	35 58.42	− 0.23	− 0.31	307 21 56.72	46.482	+ 6.90	−1 12.6	15 35 57.88	− 2.66	−13 39 38.8	+ 0.2
5	C. P. D.−23°6252	9	38 38.88	− 0.32	− 0.31	296 55 56.15	48.450	+ 6.90	−1 48.7	15 38 38.25	− 2.91	−24 5 30.5	+ 1.5
6	B. D.−20°4322	9	41 49.82	− 0.28	− 0.31	300 51 56.05	46.145	+ 6.90	−1 32.6	15 41 49.23	− 2.81	−20 10 7.2	+ 0.7
7	μ Serpentis	9	44 39.60	− 0.16	− **0.38**	317 53 58.15	44.128	+ 6.90	− 50.2	15 44 39.13	....	− 3 8 9.1	....
8	B. D.−18°4182	9	46 9.78	− 0.27	− 0.31	302 23 56.48	43.732	+ 6.90	−1 27.3	15 46 9.20	− 2.79	−18 38 56.6	+ 0.2
9	B. D.−16°4174	9	48 24.78	− 0.25	− 0.31	304 35 57.05	43.630	+ 6.90	−1 20.4	15 48 24.22	− 2.74	−16 26 51.5	− 0.3
10	B. D.−13°4290	9	50 54.62	− 0.23	− 0.31	306 55 56.85	42.940	+ 6.90	−1 13.8	15 50 54.08	− 2.70	−14 7 0.8	− 0.8
11	B. D.−15°4226	9	52 53.29	− 0.24	− 0.31	305 49 55.98	45.655	+ 6.90	−1 16.8	15 52 52.74	− 2.73	−15 12 2.7	− 0.8
12	B. D.−20°4380	9	55 31.88	− 0.28	− 0.31	300 9 55.62	43.815	+ 6.90	−1 35.3	15 55 31.29	− 2.86	−20 53 3.6	− 0.3
13	B. D.−19°4308	9	59 55.02	− 0.27	− 0.31	301 29 54.82	45.500	+ 6.90	−1 30.5	15 59 54.44	− 2.84	−19 32 21.1	− 0.8
14	ω² Scorpii	9	1 49.87	− 0.28	− 0.31	300 25 55.90	45.082	+ 6.90	−1 34.4	16 1 49.28	− 2.87	−20 36 33.4	− 0.8
15	C. P. D.−26°5611	9	5 44.44	− 0.33	− 0.31	294 9 54.72	42.472	+ 6.90	−2 3.6	16 5 43.80	− 3.04	−26 54 3.4	− 0.5
16	C. P. D.−24°5671	9	8 2.64	− 0.31	− 0.31	296 51 56.55	45.700	+ 6.90	−1 49.6	16 8 2.02	− 2.97	−24 10 34.1	− 1.0
17	B. D.−22°4127	9	9 15.14	− 0.29	− 0.31	298 53 55.85	46.278	+ 6.90	−1 40.7	16 9 14.54	− 2.92	−22 8 12.4	− 1.3
18	B. D.−21°4366	9	23 42.24	− 0.28	− 0.31	299 41 56.22	43.180	+ 6.90	−1 37.9	16 23 41.65	− 2.92	−21 21 20.0	− 2.5
19	B. D −22°4173	9	25 56.44	− 0 29	− 0 32	298 27 55 58	42 830	+ 6 90	−1 42.9	16 25 55.83	− 2.95	−22 35 33.7	− 2.6
20	τ Scorpii	9	29 58.06	− 0.34	− 0.32	293 1 55.05	45.590	+ 6.90	−2 10.8	16 29 57.40	....	−28 1 0.3	....
21	ζ Ophiuchi	9	31 55.56	− 0.19	− **0.35**	310 39 54.40	44.512	+ 6.90	−1 5.1	16 31 55.05	....	−10 22 18.9	....
22	C. P. D.−26°5690	8	32 44.28	− 0.32	− 0.32	294 15 55.42	43.228	+ 6.90	−2 3.5	16 32 43.64	− 3.07	−26 47 45.0	− 2.9
23	24 Scorpii	9	36 4.60	− 0.24	− 0.32	303 27 55.10	47.932	+ 6.90	−1 24.4	16 36 4.04	− 2.84	−17 33 19.1	− 3.7
24	C. P. D.−28°5395	9	39 3.66	− 0.34	− 0.32	292 43 55.22	43.475	+ 6.90	−2 12.8	16 39 3.00	− 3.12	−28 19 49.2	− 3.4
25	B. D.−21°4422	9	43 54.96	− 0.28	− 0.32	299 21 55.38	44.280	+ 6.90	−1 30.2	16 43 54.36	− 2.94	−21 40 57.1	− 4.1
26	B. D.−16°4360	9	45 27.78	− 0.23	− 0.32	304 39 55.68	43.822	+ 6.90	−1 20.8	16 45 27.23	− 2.82	−16 22 48.9	− 4.5
27	C. P. D.−23°6414	9	49 6.25	− 0.29	− 0.32	297 41 56.05	43.840	+ 6.90	−1 46.3	16 49 5.64	− 2.98	−23 21 13.5	− 4.4
28	C. P. D.−27°5531 (*pr.*)	9	51 58.52	− 0.33	− 0.32	293 35 55.15	43.955	+ 6.90	−2 7.4	16 51 57.87	− 3.09	−27 27 32.8	− 4.5
29	B. D.−21°4478	8	54 49.94	− 0.27	− 0.32	299 43 55.08	44.480	+ 6.90	−1 37.8	16 54 49.35	− 2.93	−21 18 51.4	− 5.0
30	B. D.−15°4438	6	58 13.09	− 0.22	− 0.32	305 17 56.18	46.710	+ 6.90	−1 18.9	16 58 12.55	− 2.81	−15 43 40.2	− 5.4
31	η Ophiuchi	9	4 55.68	− 0.22	− **0.35**	305 25 56.00	45.168	+ 6.90	−1 18.6	17 4 55.14	....	−15 36 15.6	....
	June 12, R.												
32	μ Serpentis	9	44 39.77	− 0.12	− **0.59**	317 53 57.00	44.205	+ 8.06	− 51.1	15 44 39.11	....	− 3 8 8.0	....
33	ε Coronæ Borealis	9	53 39.56	0.00	− **0.59**	348 9 58.85	46.658	+ 8.06	− 11.8	15 53 39.02	....	+27 9 29.2	....
34	θ Draconis	9	0 8.14	+ 0.10	− 0.54	19 49 58.52	45.322	+ 8.06	+ 20.5	16 0 7.70	....	+58 49 30.4	....
35	σ² Coronæ Borealis	9	11 7.81	+ 0.02	− 0.54	355 7 57.72	43.190	+ 8.06	− 4.8	16 11 7.29	....	+34 6 15.8	....
36	τ Herculis	9	16 54.09	+ 0.05	− 0.54	7 33 59.25	43.755	+ 8.06	+ 7.6	16 16 53.60	....	+46 32 42.5	....
37	α Scorpii	9	23 35.05	− 0.27	− 0.54	294 49 54.30	44.805	+ 8.06	−2 1.8	16 23 34.24	....	−26 13 7.6	....
38	ζ Ophiuchi	9	31 55.68	− 0.15	− **0.51**	310 39 53.25	44.528	+ 8.06	−1 5.9	16 31 54.99	....	−10 22 19.1	....
39	ζ Herculis	7	37 42.92	+ 0.01	− 0.55	352 47 59.08	44.520	+ 8.06	− 7.1	16 37 42.38	....	+31 46 45.4	....
40	ε Scorpii	9	44 0.89	− 0.35	− 0.55	286 57 55.52	42.272	+ 8.06	−3 3.6	16 43 59.99	....	−34 7 6.0	....
41	ι Ophiuchi	9	49 30.98	− 0.06	− 0.55	331 19 56.88	47.615	+ 8.06	− 31.0	16 49 30.37	− 2.46	+10 19 30.2	− 6.4
42	η Ophiuchi	9	4 55.88	− 0.19	− **0.57**	305 25 55.08	45.182	+ 8.06	−1 19.6	17 4 55.14	....	−15 36 16.0	....
43	α Herculis	9	10 19.26	− 0.04	− **0.55**	335 29 56.92	48.980	+ 8.06	− 25.8	17 10 18.67	....	+14 30 6.3	....
44	ξ Ophiuchi	9	15 18.71	− 0.23	− 0.55	300 1 55.40	45.370	+ 8.06	−1 37.8	17 15 17.93	− 2.93	−21 0 29.6	− 6.6
45	σ Ophiuchi	9	21 48.24	− 0.08	− **0.52**	325 13 55.98	48.145	+ 8.06	− 39.4	17 21 47.61	....	+ 4 13 32.7	....
46	λ Herculis	9	26 54.55	0.00	− 0.55	347 11 57.65	45.798	+ 8.06	− 12.9	17 26 54.00	− 2.44	+26 11 7.2	− 7.6
47	ι Herculis	9	36 48.40	+ 0.05	− 0.55	7 3 58.58	46.132	+ 8.06	+ 7.1	17 36 47.90	....	+46 3 35.7	....
48	μ Herculis	.	.. ..	....	....	348 47 58.92	44.692	+ 8.06	− 11.2	17 42	....	+27 46 44.9	....
49	Uranus C, C	9	52 16.75	− 0.25	− 0.56	297 23 54.80	46.330	+ 8.06	−1 49.1	17 52 15.94	....	−23 38 19.5	....
50	δ Ursæ Minoris	9	3 30.17	+ 0.32	− 0.56	47 36 1.32	47.247	+ 8.06	+1 2.5	18 3 29.93	....	+86 36 59.0	....
51	51 H. Cephei s. P.	6	55 25.27	− 0.10	− 0.56	53 48	......	+ 8.06	....	6 55 24.61	....	+87 11	....
52	δ Aquilæ	9	20 42.60	− 0.09	− **0.56**	323 55 56.45	48.262	+ 8.06	− 41.4	19 20 41.94	....	+ 2 55 33.9	....
53	β Cygni	9	26 54.02	0.00	− **0.57**	348 45 58.25	46.972	+ 8.06	− 11.3	19 26 53.45	....	+27 45 36.2	....
54	κ Aquilæ	9	31 46.83	− 0.14	− **0.57**	313 47 56.35	44.275	+ 8.06	− 59.4	19 31 46.12	....	− 7 14 15.3	....
55	β Sagittæ	9	36 47.22	− 0.03	− **0.58**	338 15 58.60	46.780	+ 8.06	− 22.7	19 36 46.62	....	+17 15 21.1	....
56	γ Aquilæ	9	41 44.74	− 0.06	− **0.55**	331 23 56.00	46.110	+ 8.06	− 31.1	19 41 44.11	....	+10 22 54.5	....
57	α Aquilæ	9	46 8.97	− 0.07	− **0.52**	329 37 56.35	46.578	+ 8.06	− 33.4	19 46 8.33	....	+ 8 37 3.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 15 28	29.81	68.0	68.0
15 57	......	....	68.0
16 16	29.82	67.1	64.2
16 40	......	....	64.0
17 6	29.82	64.6	63.9
12 15 45	29.95	63.6	61.3
16 8	......	....	60.9
16 35	29.95	61.9	60.0
16 59	......	....	59.7
17 30	29.95	61.0	59.6
18 8	29.96	60.2	59.0
19 19	29.96	59.7	58.2
19 49	29.955	58.8	57.1

Micrometer bisections are made at II, VI, except as noted below.

7, 16, 20, 21.	Bisections at I, II.
22, 30, 39, 41, 55.	Bisections at VI, VII.
27, 28.	Bisections at II, VII.
49.	Bisections at I, II, VI, VII.
50.	Bisections at III, IV, V.

Notes.

1–31. Conditions poor.
17, 51. Clouds.
28, 29. Difficult at times.
31. Circle reading increased 3°.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
49	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read- ing.	Zenith Pt. Corr.	Refrac- tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mercury C, C.	8	50 50.58	− 0.01	− 0.66	338 3 57.32	44.620	+ 7.68	− 22.6	3 50 49.91	− 0.11	+17 2 29.9	....
2	Venus I, C.	9	56 52.55	+ 0.01	− 0.66	343 25 57.22	44.429	+ 7.68	− 16.7	4 56 51.90	+ 0.34	+22 24 31.3	....
3	Venus II.	9	56 53.24	+ 0.01	− 0.66	... .	......	....	. ....	4 56 52.59	− 0.35	.. ..	....
	June 13, R.												
4	Sun I, S.	9	24 57.57	+ 0.01	− 0.67	343 57 57.72	46.720	+ 7.29	− 16.0	5 24 56.91	+68.90	+22 57 24.3	....
5	Sun II, N.	9	27 15.37	+ 0.01	− 0.67	344 29 57.55	45.448	+ 7.29	− 15.5	5 27 14.71	−68.90	+23 28 55.9	....
	June 13, Ei.-Y.												
6	α Libræ.	9	45 37.39	− 0.22	**− 0.68**	305 23 55.85	44.210	+ 7.43	−1 19.9	14 45 36.46	.....	−15 38 38.4	....
7	B. D. −16°3970.	9	51 2.04	− 0.22	− 0.71	304 37 56.58	44.015	+ 7.43	−1 22.2	14 51 1.11	− 2.57	−16 24 44.4	+ 4.0
8	B. D. −15°4047.	9	6 31.53	− 0.22	− 0.71	305 13 56.72	46.360	+ 7.43	−1 20.4	15 6 30.60	− 2.61	−15 47 48.9	+ 2.7
9	B. D. −17°4283.	9	9 5.94	− 0.23	− 0.72	302 57 56.15	45.622	+ 7.43	−1 27.6	15 9 4.99	− 2.67	−18 4 13.5	+ 2.9
10	β Libræ.	9	11 53.78	− 0.17	**− 0.72**	311 59 55.30	45.860	+ 7.43	−1 3.2	15 11 52.89	.....	− 9 1 44.5	....
11	C.P. D. −23°6142(*mean*)	9	13 35.11	− 0.28	− 0.72	297 7 56.52	44.775	+ 7.43	−1 50.6	15 13 34.11	− 2.83	−23 54 55.5	+ 3.6
12	o^2 Libræ.	9	17 43.98	− 0.21	− 0.72	306 13 56.22	47.055	+ 7.43	−1 17.6	15 17 43.05	.....	−14 47 30.7	....
13	B. D. −22°3949.	9	19 16.76	− 0.27	− 0.72	297 51 56.62	46.670	+ 7.43	−1 47.3	15 19 15.77	− 2.83	−23 10 8.8	+ 3.1
14	32 Libræ.	9	22 54.08	− 0.22	**− 0.72**	304 37 56.50	48.785	+ 7.43	−1 22.2	15 22 53.14	.....	−16 22 55.5	....
15	B. D. −16°4093.	9	24 12.38	− 0.22	− 0.72	303 55 56.08	44.500	+ 7.43	−1 24.5	15 24 11.44	− 2.70	−17 6 36.0	+ 1.6
16	C. P. D. −25°5620.	9	27 27.80	− 0.28	− 0.72	295 33 54.82	46.235	+ 7.43	−1 58.5	15 27 26.80	− 2.92	−25 28 31.7	+ 2.8
17	C. P. D. −25°5625.	9	31 46.76	− 0.29	− 0.72	295 5 55.88	43.020	+ 7.43	−2 1.1	15 31 45.75	− 2.95	−25 57 46.7	+ 2.4
18	B. D. −18°4118.	9	33 26.60	− 0.24	− 0.72	302 3 55.58	43.325	+ 7.43	−1 30.8	15 33 25.64	− 2.77	−18 59 8.8	+ 1.2
19	κ Libræ.	9	36 28.57	− 0.24	− 0.72	301 39 55.22	46.222	+ 7.43	−1 32.2	15 36 27.61	.....	−19 22 5.3	....
20	B. D. −15°4171.	9	38 43.86	− 0.21	− 0.72	305 39 55.55	45.835	+ 7.43	−1 19.3	15 38 42.93	− 2.70	−15 22 1.0	+ 0.2
21	C. P. D. −26°5507.	9	41 35.12	− 0.30	− 0.72	294 15 55.15	44.330	+ 7.43	−2 5.8	15 41 34.10	− 3.00	−26 47 22.4	+ 1.7
22	C. P. D. −23°6265.	9	42 48.89	− 0.27	− 0.72	297 29 55.25	46.462	+ 7.43	−1 49.1	15 42 47.90	− 2.91	−23 32 16.7	+ 1.1
23	B. D. −14°4291.	9	46 17.89	− 0.20	− 0.72	306 27 56.55	44.590	+ 7.43	−1 17.1	15 46 16.97	− 2.70	−14 34 26.2	− 0.4
24	C. P. D. −26°5537.	9	48 43.27	− 0.30	− 0.72	293 59 55.58	44.688	+ 7.43	−2 7.4	15 48 42.25	− 3.02	−27 3 15.2	+ 1.1
25	B. D. −14°4314.	9	51 12.80	− 0.20	− 0.72	306 29 55.40	43.380	+ 7.43	−1 17.0	15 51 11.88	− 2.72	−14 32 54.9	− 0.8
26	π Scorpii.	9	53 6.51	− 0.28	− 0.72	295 11 54.35	47.002	+ 7.43	−2 0.6	15 53 5.51	− 3.00	−25 50 16.7	+ 0.6
27	B. D. −17°4472.	9	57 11.06	− 0.22	− 0.72	303 7 56.38	45.615	+ 7.43	−1 27.2	15 57 10.12	− 2.80	−17 54 13.0	− 0.8
28	B. D. −21°4269.	9	0 7.68	− 0.25	− 0.72	299 27 56.25	45.275	+ 7.43	−1 40.7	16 0 6.71	− 2.90	−21 34 34.4	− 0.6
29	C. P. D. −24°5651.	9	2 9.96	− 0.27	− 0.72	296 49 55.82	46.635	+ 7.43	−1 52.3	16 2 8.97	− 2.97	−24 12 15.4	− 0.4
30	B. D. −22°4113.	9	6 14.64	− 0.25	− 0.72	298 43 55.32	47.768	+ 7.43	−1 43.7	16 6 13.67	− 2.93	−22 17 41.4	− 1.0
31	C. P. D. −23°6342.	9	8 20.74	− 0.26	− 0.72	297 29 55.85	47.830	+ 7.43	−1 49.2	16 8 19.76	− 2.96	−23 31 44.9	− 1.0
32	C. P. D. −23°6351.	9	10 44.24	− 0.27	− 0.72	296 59 55.70	45.915	+ 7.43	−1 51.6	16 10 43.25	− 2.98	−24 2 31.2	− 1.2
33	B. D. −15°4300.	9	14 1.84	− 0.20	− 0.72	305 43 55.75	43.925	+ 7.43	−1 19.2	16 14 0.92	− 2.78	−15 18 44.3	− 2.4
34	B. D. −16°4280.	9	17 26.73	− 0.21	− 0.72	304 13 56.58	47.235	+ 7.43	−1 23.7	16 17 25.80	− 2.81	−16 47 32.3	− 2.5
35	B. D. −18°4282.	9	21 31.32	− 0.22	− 0.73	302 47 55.85	45.568	+ 7.43	−1 28.4	16 21 30.37	− 2.85	−18 14 15.8	− 2.6
36	B. D. −14°4433.	9	24 24.95	− 0.19	− 0.73	306 41 55.55	44.790	+ 7.43	−1 16.6	16 24 24.03	− 2.77	−14 20 22.1	− 3.2
37	B. D. −20°4506.	9	26 50.21	− 0.24	− 0.73	300 29 55.15	44.630	+ 7.43	−1 36.8	16 26 49.24	− 2.91	−20 32 46.1	− 2.8
38	B. D. −14°4455.	9	31 0.47	− 0.19	− 0.73	306 35 55.25	44.295	+ 7.43	−1 16.9	16 30 59.55	− 2.78	−14 26 34.3	− 3.7
39	ζ Ophiuchi.	9	31 55.92	− 0.16	**− 0.73**	310 39 54.62	44.535	+ 7.43	−1 6.5	16 31 55.03	.....	−10 22 18.8	....
40	C. P. D. −26°5701.	9	34 22.91	− 0.28	− 0.73	294 53 55.22	48.008	+ 7.43	−2 2.4	16 34 21.90	− 3.07	−26 7 54.6	− 3.0
41	B. D. −21°4403.	9	37 23.47	− 0.24	− 0.73	299 51 56.00	47.935	+ 7.43	−1 39.2	16 37 22.50	− 2.94	−21 9 32.3	− 3.6
42	B. D. −16°4344.	9	40 37.37	− 0.20	− 0.73	304 17 56.98	47.602	+ 7.43	−1 23.6	16 40 36.44	− 2.84	−16 43 23.4	− 4.2
43	C. P. D. −23°6401.	9	44 15.69	− 0.25	− 0.73	297 45 55.55	45.010	+ 7.43	−1 48.2	16 44 14.71	− 3.00	−23 16 48.7	− 4.0
44	B. D. −20°4572.	9	47 48.87	− 0.23	− 0.73	300 45 55.58	48.598	+ 7.43	−1 35.8	16 47 47.91	− 2.92	−20 15 14.3	− 4.5
45	B. D. −16°4371.	9	50 33.06	− 0.20	− 0.73	304 21 55.55	48.365	+ 7.43	−1 23.4	16 50 32.13	− 2.85	−16 39 7.2	− 4.9
46	C. P. D. −24°5782.	9	54 8.92	− 0.26	− 0.73	296 5 55.78	45.602	+ 7.43	−1 56.3	16 54 7.93	− 3.04	−24 56 42.9	− 4.8
47	B. D. −18°4381.	9	56 18.04	− 0.22	− 0.73	302 17 56.62	44.785	+ 7.43	−1 30.3	16 56 17.09	− 2.89	−18 44 34.9	− 5.2
48	B. D. −17°4700.	9	58 59.01	− 0.20	− 0.73	303 39 54.90	48.345	+ 7.43	−1 25.7	16 58 58.08	− 2.86	−17 21 10.6	− 5.5
49	C. P. D. −24°5813.	9	2 7.23	− 0.26	− 0.73	296 9 54.62	47.072	+ 7.43	−1 55.9	17 2 6.24	− 3.04	−24 52 10.2	− 5.4
50	η Ophiuchi.	9	4 56.09	− 0.19	**− 0.77**	305 25 56.25	45.215	+ 7.43	−1 20.3	17 4 55.17	.....	−15 36 15.4	....
51	ξ Serpentis.	9	32 9.09	− 0.19	**− 0.75**	305 41 56.72	45.430	+ 7.43	−1 19.6	17 32 8.16	.....	−15 20 9.6	....
52	C. P. D. −26°5922.	9	33 10.23	− 0.28	− 0.74	294 9 54.20	46.242	+ 7.43	−2 7.0	17 33 9.21	− 3.07	−26 52 40.7	− 7.9
53	ν Ophiuchi.	9	53 48.08	− 0.15	**− 0.72**	311 15 56.30	46.340	+ 7.43	−1 5.3	17 53 47.19	.....	− 9 45 34.7	....
54	B. D. −19°4800.	9	56 16.54	− 0.21	− 0.74	301 55 55.68	46.230	+ 7.43	−1 31.8	17 56 15.59	− 2.86	−19 6 4 3	− 9.4
55	B. D. −17°5001.	9	57 49.81	− 0.20	− 0.74	303 25 56.32	44.840	+ 7.43	−1 26.7	17 57 48.87	− 2.83	−17 36 30.3	− 9.4
56	B. D. −21°4855.	9	1 29.74	− 0.23	− 0.74	299 35 56.22	44.002	+ 7.43	−1 40.7	18 1 28.77	− 2.90	−21 27 3.6	− 9.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 3 52	30.08	69.0	66.3
4 54	30.07	69.3	67.1
13 15 27	30.07	70.2	68.9
14 43	30.04	62.1	60.2
15 5	......	....	59.6
15 28	30.04	60.7	58.9
15 55	......	....	58.2
16 18	30.045	59.2	57.8
16 42	......	....	57.2
17 6	30.05	58.2	56.7
17 35	......	....	56.0
17 59	30.04	57.2	55.5

Micrometer bisections are made at II, VI, except as noted below.

1, 2.	Bisections at I, II, VI, VII.
4, 21, 38, 51.	Bisections at I, II.
5, 37.	Bisections at VI, VII.
15, 36, 40, 41, 46.	Bisections at II, VII.

Notes.

37. Image poor.
38. Micrometer reading decreased 1 rev.

No.	Parallax.	Semi- diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 3.5	.. ....	− 0.5	+ 3.0
2	+ 1.4	.. ....	0.0	+ 1.4
4	+ 2.4	+15 45.7	...	+15 48.1
5	+ 2.3	−15 45.8	...	−15 43.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D. −26°6300	9	3 21.28	− 0.26	− 0.74	294 55 55.55	44.728	+ 7.43	−2 2.8	18 3 20.28	− 3.00	−26 7 9.7	−10.2
2	B. D. −20°5027	9	6 18.08	− 0.22	− 0.74	300 35 55.75	45.340	+ 7.43	−1 36.8	18 6 17.12	− 2.87	−20 26 29.5	−10.1
3	B. D. −20°5055	9	9 34.08	− 0.22	− 0.74	300 37 56.30	44.445	+ 7.43	−1 36.7	18 9 33.12	− 2.86	−20 24 49.4	−10.3
4	B. D. −18°4886	9	11 54.40	− 0.20	− 0.74	302 31 55.55	47.215	+ 7.43	−1 29.8	18 11 53.46	− 2.82	−18 29 40.1	−10.4
5	B. D. −18°4896 (*mean*)	9	13 8.74	− 0.20	− 0.74	302 23 55.95	43.142	+ 7.43	−1 30.3	18 13 7.80	− 2.82	−18 39 13.0	−10.4
6	B. D. −18°4926	9	15 47.94	− 0.21	− 0.74	302 7 56.15	46.398	+ 7.43	−1 31.2	18 15 46.99	− 2.82	−18 53 59.4	−10.6
7	B. D. −21°4974	9	17 52.82	− 0.23	− 0.74	299 19 56.12	45.442	+ 7.43	−1 41.9	18 17 51.85	− 2.87	−21 42 32.2	−10.9
8	C. P. D. −24°6386	9	19 15.60	− 0.25	− 0.74	296 33 55.70	48.075	+ 7.43	−1 54.2	18 19 14.61	− 2.92	−24 27 44.5	−11.2
9	C. P. D. −23°7090	9	22 21.62	− 0.24	− 0.74	297 57 55.85	48.890	+ 7.43	−1 47.6	18 22 20.64	− 2.88	−23 3 19.1	−11.3
10	B. D. −20°5160	9	24 54.97	− 0.21	− 0.74	300 41 55.85	44.310	+ 7.43	−1 36.5	18 24 54.02	− 2.83	−20 20 52.7	−11.3
11	C. P. D. −24°6447	9	28 5.49	− 0.24	− 0.74	296 55 56.50	47.195	+ 7.43	−1 52.5	18 28 4.51	− 2.89	−24 6 2.1	−11.8
12	C. P. D. −27°6468	9	29 36.87	− 0.27	− 0.74	293 35 55.80	51.175	+ 7.43	−2 10.5	18 29 35.86	− 2.96	−27 24 49.8	−12.2
13	B. D. −21°5076	9	32 13.34	− 0.22	− 0 74	299 33 55.55	45.730	+ 7.43	−1 41.0	18 32 12.38	− 2 83	−21 28 24.9	−11.8
14	B. D. −18°5037	9	36 3.75	− 0 20	− 0.74	302 57 56.35	45.080	+ 7.43	−1 28.4	18 36 2.81	− 2.76	−18 4 26.7	−11.7
15	B. D. −21°5118	9	37 52.99	− 0.22	− 0.74	300 1 56.78	45.185	+ 7 43	−1 39 2	18 37 52.03	− 2 80	−21 0 34.5	−12.1
16	B. D. −21°5131	9	39 38.57	− 0.22	− 0 74	299 55 56.08	47.460	+ 7.43	−1 39.5	18 39 37.61	− 2.80	−21 5 43.5	−12.2
17	C. P. D. −23°7256	9	42 9.97	− 0.24	− 0.74	297 39 55.38	48.585	+ 7.43	−1 49.2	18 42 8.99	− 2.83	−23 21 28.1	−12.6
18	30 Sagittarii	9	45 8.02	− 0.23	− 0 75	298 45 55.85	46.698	+ 7.43	−1 44.4	18 45 7.04	− 2.80	−22 16 6.0	−12.6
19	B. D. −21°5176	9	48 19.62	− 0.22	− 0.75	299 33 55.05	45.748	+ 7.43	−1 41.1	18 48 18.65	− 2.78	−21 28 25.2	−12.8
20	C. P. D −24°6551	9	50 54.51	− 0.25	− 0.75	296 17 55.98	46.300	+ 7.43	−1 55.9	18 50 53.51	− 2.83	−24 44 26.5	−13.3
21	C. P. D. −26°6610	9	54 23.34	− 0.26	− 0.75	294 43 54.65	46.198	+ 7.43	−2 4.3	18 54 22.33	− 2.85	−26 18 38.5	−13.7
22	ζ Sagittarii	9	56 34.20	− 0.29	− 0.75	291 1 55.12	46.790	+ 7.43	−2 28.5	18 56 33.16	.....	−30 0 48.9	....
23	B. D. −19°5275	9	57 32.44	− 0.20	− 0.75	301 47 57.38	45.620	+ 7.43	−1 32.7	18 57 31.49	− 2.71	−19 14 17.1	−13.0
24	B. D. −19°5312	9	2 41.92	− 0.20	− 0.75	301 35 56.58	45.870	+ 7.43	−1 33.4	19 2 40.97	− 2.69	−19 26 13.2	−13.3
25	π Sagittarii	9	4 6.96	− 0.21	− 0.75	299 51 55.42	45.888	+ 7.43	−1 40.0	19 4 6.00	.....	−21 10 20.6	....
26	B. D. −21°5292	9	6 47.58	− 0.22	− 0.75	299 13 58.02	44.662	+ 7.43	−1 42.7	19 6 46.61	− 2.71	−21 48 48.7	−13.8
27	B. D. −20°5464	9	9 50.71	− 0.20	− 0.75	301 3 55.68	49.385	+ 7.43	−1 35.3	19 9 49.76	− 2.68	−19 56 55.7	−13.7
28	*d* Sagittarii	9	12 4.71	− 0.20	− 0.72	301 53 55.40	48.545	+ 7.43	−1 32.3	19 12 3.76	.....	−19 7 12.2	....
29	B. D. −21°5340	9	13 38.31	− 0.21	− 0.75	299 59 56.52	42.088	+ 7.43	−1 39.6	19 13 37.35	− 2.68	−21 3 45.9	−14.0
30	B. D. −16°5283	8	16 17.33	− 0.17	− 0.75	304 53 56.72	46.292	+ 7.43	−1 22.4	19 16 16.41	− 2.60	−16 7 52.4	−13.4
31	B. D. −22°5105	9	20 39.29	− 0.22	− 0.75	299 5 57.18	42.250	+ 7.43	−1 43.3	19 20 38.32	− 2.66	−21 57 45.2	−14.5
32	B. D. −18°5376	9	22 33.77	− 0.19	− 0.75	302 27 55.25	49.120	+ 7.43	−1 30.3	19 22 32.83	− 2.60	−18 32 57.2	−14.0
33	C. P. D. −28°6948	9	26 7.79	− 0.27	− 0.75	292 37 55.58	46.810	+ 7.43	−2 17.2	19 26 6.77	− 2.74	−28 24 36.5	−15.8
34	C. P. D. −26°6797	8	30 14.84	− 0.25	− 0.75	294 55 55.52	46.658	+ 7.43	−2 3.3	19 30 13.84	− 2.68	−26 6 26.1	−15.6
35	C. P. D. −27°6807	9	33 4.04	− 0.26	− 0.75	293 27 54.35	45.535	+ 7.43	−2 12.0	19 33 3.03	− 2.69	−27 35 1.7	−16.0
36	54 Sagittarii	9	35 16.94	− 0.17	− 0.75	304 31 56.42	44.570	+ 7.43	−1 23.6	19 35 16.02	.....	−16 30 33.3	....
37	C. P. D. −23°7565	9	38 51.87	− 0.22	− 0.75	297 57 56.75	44.912	+ 7.43	−1 48.2	19 38 50.90	− 2.60	−23 4 49.7	−15.5
38	B. D. −21°5522	9	42 24.02	− 0.21	− 0.75	299 51 55.52	43.155	+ 7.43	−1 40.2	19 42 23.06	− 2.55	−21 11 23.1	−15.3
39	α^2 Capricorni	9	12 47.06	− 0.14	− **0.81**	308 11 56.90	44.765	+ 7.43	−1 13.2	20 12 46.16	.....	−12 50 18.0	....
40	β Capricorni	9	15 40.39	− 0.16	− **0.72**	305 57 57.02	43.670	+ 7.43	−1 19.3	20 15 39.47	.....	−15 4 49.0	....
	June 13, Br.												
41	Mercury C, C	9	55 49.51	+ 0.01	− 0.96	338 27 58.65	44.381	+ 6.37	− 22.2	3 55 48.56	− 0.10	+17 26 24.8	....
42	Venus I, C	9	2 9.11	+ 0.02	− 0.97	343 35 59.15	44.425	+ 6.76	− 16.5	5 2 8.16	+ 0.31	+22 34 32.4	....
43	Venus II	9	2 9.74	+ 0.02	− 0.97	... .	......	....	.....	5 2 8.79	− 0.32	.. ..	....
	June 14, Br.												
44	Sun I, S	9	29 6.99	+ 0.02	− 0.97	344 1 58.92	44.480	+ 6.74	− 16.0	5 29 6.04	+68.92	+23 0 33.7	....
45	Sun II, N	9	31 24.83	+ 0.02	− 0.97	344 33 58.32	43.308	+ 6.74	− 15.4	5 31 23.88	−68.92	+23 32 7.4	....
46	α Ursæ Minoris S. P.	9	24 27.50	+ 0.04	− 1.04	52 12 2.25	45.660	+ 7.87	+1 12.7	1 24 26.50	.....	+88 47 25.1	....
47	τ Virginis	9	56 48.78	− 0.13	− **1.02**	323 1 58.90	45.458	+ 7.87	− 42.4	13 56 47.61	.....	+ 2 0 31.1	....
48	α Draconis	9	1 49.74	+ 0.07	− 1.05	25 52 2.05	41.742	+ 7.87	+ 27.4	14 1 48.76	.....	+64 50 19.0	....
49	κ Virginis	9	7 49.86	− 0.19	− **1.00**	311 11 56.85	45.902	+ 7.87	−1 4.3	14 7 48.62	.....	− 9 49 42.7	....
50	λ Virginis	9	13 58.43	− 0.21	− **1.08**	308 5 57.75	45.838	+ 7.87	−1 11.8	14 13 57.17	.....	−12 55 50.7	....
51	2 Libræ	9	18 19.11	− 0.20	− 1.05	309 45 56.85	43.690	+ 7.87	−1 7.7	14 18 17.86	− 2.32	−11 16 36.9	+ 5.1
52	*f* Bootis	9	22 2.41	− 0.06	− **1.00**	340 39 58.90	47.252	+ 7.87	− 19.8	14 22 1.30	.....	+19 39 34.6	....
	June 14, Ei.-Y.												
53	B. D. −15°4047	9	6 31.71	− 0.22	− 0.92	305 13 52.02	46.492	+ 7.95	−1 19.8	15 6 30.57	− 2.61	−15 47 49.4	+ 2.7

Time	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 18 24	......	....	55.1
18 46	30.04	55.7	54.1
19 8	......	....	53.2
19 27	30.03	54.9	53.0
19 51	......	....	52.5
20 17	30.03	54.5	53.2
3 56	30.06	65.8	65.5
5 2	30.055	68.2	67.2
14 5 31	30.04	69.0	68.2
13 15	29.95	65.8	64.7
13 50	29.955	65.0	63.4
14 22	29.96	64.0	62.8
15 4	29.96	63.0	61.9

Micrometer bisections are made at II, VI, except as noted below.

4, 7, 14, 22, 44, 51. Bisections at I, II.
5, 13, 17. Bisections at II, VII.
23, 45. Bisections at VI, VII.
41, 42. Bisections at I, II, VI, VII.
46. Bisections at b_2, b_3, b_8.
48. Bisections at III, V.

Note.
39, 40. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
41	+ 3.4	.. ....	− 0.5	+ 2.9
42	+ 1.4	.. ....	0.0	+ 1.4
44	+ 2.3	+15 46.8	...	+15 49.1
45	+ 2.3	−15 46.9	...	−15 44.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −17°4283	9	9 6.21	− 0.24	− 0.92	302 57 52.80	45.702	+ 7.95	−1 26.9	15 9 5.05	− 2.67	−18 4 13.8	+ 3.0
2	β Libræ	9	11 54.01	− 0.18	− **0.94**	311 59 52.10	45.938	+ 7.95	−1 2.7	15 11 52.91	....	− 9 1 44.9	....
3	C. P.D. −23°6142(*mean*)	9	13 35.33	− 0.28	− 0.92	297 7 52.70	44.852	+ 7.95	−1 49.8	15 13 34.13	− 2.83	−23 54 56.2	+ 3.7
4	o³ Libræ	9	17 44.13	− 0.21	− 0.92	306 13 52.62	47.160	+ 7.95	−1 17.0	15 17 43.00	....	−14 47 30.8	....
5	B. D. −22°3949	9	19 17.01	− 0.28	− 0.92	297 51 52.88	46.768	+ 7.95	−1 46.4	15 19 15.81	− 2.83	−23 10 8.9	+ 3.1
6	32 Libræ	9	22 54.31	− 0.22	− **0.95**	304 37 51.88	48.922	+ 7.95	−1 21.6	15 22 53.17	....	−16 22 55.9	....
7	B. D. −16°4093	9	24 12.62	− 0.23	− 0.92	303 55 52.52	44.590	+ 7.95	−1 23.9	15 24 11.47	− 2.70	−17 6 36.5	+ 1.6
8	C. P. D. −25°5620	9	27 27.94	− 0.30	− 0.92	295 33 51.20	46.315	+ 7.95	−1 57.6	15 27 26.72	− 2.92	−25 28 32.1	+ 2.8
9	C. P. D. −25°5625	9	31 47.01	− 0.30	− 0.92	295 5 51.70	43.100	+ 7.95	−2 0.2	15 31 45.79	− 2.95	−25 57 47.6	+ 2.5
10	B. D. −18°4118	9	33 26.76	− 0.24	− 0.92	302 3 52.02	43.390	+ 7.95	−1 30.1	15 33 25.60	− 2.77	−18 59 10.6	+ 1.2
11	κ Libræ	9	36 28.72	− 0.25	− 0.93	301 39 50.78	46.355	+ 7.95	−1 31.5	15 36 27.54	....	−19 22 5.5	....
12	B. D. −15°4171	9	38 44.07	− 0.22	− 0.93	305 39 51.70	45.940	+ 7.95	−1 18.7	15 38 42.92	− 2.70	−15 22 1.3	+ 0.2
13	C. P. D. −23°6265	9	42 49.11	− 0.28	− 0.93	297 29 52.28	46.572	+ 7.95	−1 48.2	15 42 47.90	− 2.91	−23 32 15.4	+ 1.2
14	B. D. −14°4291	9	46 18.15	− 0.21	− 0.93	306 27 52.12	44.722	+ 7.95	−1 16.5	15 46 17.01	− 2.71	−14 34 26.5	− 0.5
15	C. P. D. −26°5537	9	48 43.52	− 0.31	− 0.93	293 59 51.75	44.772	+ 7.95	−2 6.4	15 48 42.28	− 3.02	−27 3 15.6	+ 1.2
16	B. D. −14°4314	9	51 13.02	− 0.21	− 0.93	306 29 51.92	43.472	+ 7.95	−1 16.4	15 51 11.88	− 2.72	−14 32 55.2	− 0.8
17	π Scorpii	9	53 6.77	− 0.30	− 0.93	295 11 50.68	47.088	+ 7.95	−1 59.6	15 53 5.54	− 3.00	−25 50 16.9	+ 0.6
18	B. D. −17°4472	9	57 11.24	− 0.24	− 0.93	303 7 52.10	45.758	+ 7.95	−1 26.6	15 57 10.07	− 2.80	−17 54 12.9	− 0.8
19	B. D. −21°4269	9	0 7.90	− 0.26	− 0.93	299 27 52.68	45.368	+ 7.95	−1 39.9	16 0 6.71	− 2.90	−21 34 34.5	− 0.5
20	C. P. D. −24°5651	9	2 10.15	− 0.28	− 0.93	296 49 51.78	46.732	+ 7.95	−1 51.5	16 2 8.94	− 2.97	−24 12 15.9	− 0.4
21	B. D. −22°4113	9	6 14.90	− 0.27	− 0.93	298 43 51.50	47.842	+ 7.95	−1 42.9	16 6 13.70	− 2.93	−22 17 42.1	− 1.0
22	C. P. D. −23°6342	9	8 20.94	− 0.28	− 0.93	297 29 52.40	47.928	+ 7.95	−1 48.3	16 8 19.73	− 2.96	−23 31 44.7	− 1.0
23	C. P. D. −23°6351	9	10 44.40	− 0.28	− 0.93	296 59 52.25	46.005	+ 7.95	−1 50.7	16 10 43.19	− 2.98	−24 2 31.2	− 1.1
24	B. D. −15°4300	9	14 2.05	− 0.22	− 0.93	305 43 52.62	44.015	+ 7.95	−1 18.7	16 14 0.90	− 2.78	−15 18 44.4	− 2.4
25	B. D. −16°4280	9	17 26.99	− 0.23	− 0.93	304 13 51.78	47.405	+ 7.95	−1 23.1	16 17 25.83	− 2.82	−16 47 32.1	− 2.5
26	B. D. −18°4282	9	21 31.51	− 0.24	− 0.93	302 47 52.30	45.660	+ 7.95	−1 27.8	16 21 30.34	− 2.86	−18 14 16.2	− 2.6
27	B. D. −14°4433	9	24 25.14	− 0.21	− 0.93	306 41 52.00	44.955	+ 7.95	−1 16.0	16 24 24.00	− 2.78	−14 20 20.8	− 3.2
28	B. D. −20°4506	9	26 50.44	− 0.26	− 0.93	300 29 51.55	44.770	+ 7.95	−1 36.0	16 26 49.25	− 2.92	−20 32 45.5	− 2.8
29	B. D. −14°4455	9	31 0.76	− 0.21	− 0.93	306 35 52.18	44.368	+ 7.95	−1 16.3	16 30 59.62	− 2.79	−14 26 34.6	− 3.7
30	ζ Ophiuchi	9	31 56.13	− 0.19	− **0.91**	310 39 51.20	44.650	+ 7.95	−1 6.0	16 31 55.01	....	−10 22 18.6	....
31	C. P. D. −26°5701	9	34 23.12	− 0.30	− 0.93	294 53 51.42	48.065	+ 7.95	−2 1.5	16 34 21.89	− 3.07	−26 7 55.8	− 3.0
32	B. D. −21°4403	9	37 23.68	− 0.26	− 0.93	299 51 51.50	48.090	+ 7.95	−1 38.5	16 37 22.49	− 2.94	−21 9 32.1	− 3.6
33	B. D. −16°4344	9	40 37.63	− 0.23	− 0.93	304 17 54.00	47.675	+ 7.95	−1 23.0	16 40 36.47	− 2.85	−16 43 23.6	− 4.2
34	C. P. D. −23°6401	9	44 15.96	− 0.28	− 0.93	297 45 52.22	45.108	+ 7.95	−1 47.4	16 44 14.75	− 3.00	−23 16 48.5	− 4.0
35	B. D. −20°4572	9	47 49.11	− 0.25	− 0.93	300 45 51.60	48.728	+ 7.95	−1 35.0	16 47 47.93	− 2.93	−20 15 13.9	− 4.5
36	B. D. −16°4371	9	50 33.27	− 0.23	− 0.94	304 21 52.10	48.500	+ 7.95	−1 22.8	16 50 32.10	− 2.85	−16 39 6.5	− 4.9
37	C. P. D. −24°5782	9	54 9.18	− 0.29	− 0.94	296 5 51.62	45.705	+ 7.95	−1 55.4	16 54 7.95	− 3.05	−24 56 43.4	− 4.7
38	η Ophiuchi	9	4 56.31	− 0.22	− **0.95**	305 25 52.50	45.308	+ 7.95	−1 19.7	17 4 55.15	....	−15 36 15.9	....
39	ξ Serpentis	9	32 9.28	− 0.20	− **0.91**	305 41 52.75	45.522	+ 7.60	−1 19.0	17 32 8.14	....	−15 20 10.4	....
40	C. P. D. −30°4874	9	37 25.10	− 0.32	− 0.94	290 55 52.18	44.442	+ 7.60	−2 27.5	17 37 23.84	− 3.17	−30 7 44.1	− 8.2
41	*X* Sagittarii	9	41 35.34	− 0.30	− 0.94	293 15 52.52	44.210	+ 7.60	−2 11.5	17 41 34.10	− 3.10	−27 47 33.1	− 8.6
42	C. P. D. −26°6002	9	44 9.97	− 0.29	− 0.94	294 15 52.30	46.160	+ 7.60	−2 5.4	17 44 8.74	− 3.07	−26 46 42.7	− 8.7
43	B. D. −21°4760	9	46 9.30	− 0.24	− 0.94	299 59 52.58	47.275	+ 7.60	−1 38.2	17 46 8.12	− 2.93	−21 1 49.7	− 8.8
44	C. P. D. −26°6092	9	50 29.08	− 0.29	− 0.94	294 17 51.78	44.882	+ 7.60	−2 5.3	17 50 27.85	− 3.06	−26 45 12.3	− 9.2
45	C. P. D. −28°6083	9	52 37.95	− 0.31	− 0.94	292 17 52.18	46.530	+ 7.60	−2 17.7	17 52 36.70	− 3.11	−28 44 46.6	− 9.4
46	ν Ophiuchi	9	53 48.33	− 0.17	− **0.94**	311 15 52.72	46.452	+ 7.60	−1 4.8	17 53 47.22	....	− 9 45 35.0	....
47	B. D. −19°4800	9	56 16.78	− 0.23	− 0.94	301 55 51.65	46.360	+ 7.60	−1 31.1	17 56 15.61	− 2.88	−19 6 4.5	− 9.4
48	B. D. −17°5001	9	57 50.02	− 0.22	− 0.94	303 25 51.78	44.988	+ 7.60	−1 26.0	17 57 48.86	− 2.84	−17 36 30.6	− 9.5
49	B. D. −21°4855	9	1 29.96	− 0.24	− 0.94	299 35 52.48	44.112	+ 7.60	−1 39.9	18 1 28.78	− 2.91	−21 27 3.8	− 9.9
50	C. P. D. −26°6300	9	3 21.51	− 0.28	− 0.95	294 55 51.75	44.808	+ 7.60	−2 1.8	18 3 20.28	− 3.02	−26 7 10.5	−10.2
51	B. D. −20°5027	9	6 18.32	− 0.24	− 0.95	300 35 52.02	45.445	+ 7.60	−1 36.0	18 6 17.13	− 2.88	−20 26 29.9	−10.1
52	B. D. −20°5055	9	9 34.29	− 0.24	− 0.95	300 37 52.18	44.585	+ 7.60	−1 35.8	18 9 33.10	− 2.88	−20 24 49.2	−10.4
53	B. D. −18°4886	9	11 54.64	− 0.22	− 0.95	302 31 52.25	47.280	+ 7.60	−1 29.0	18 11 53.47	− 2.84	−18 29 40.7	−10.4
54	B. D. −15°4927	8	14 41.07	− 0.20	− 0.95	305 9 51.42	45.855	+ 7.60	−1 20.6	18 14 39.92	− 2.79	−15 52 6.0	−10.4
55	B. D. −18°4926	9	15 48.16	− 0.22	− 0.95	302 7 52.42	46.490	+ 7.60	−1 30.4	18 15 46.99	− 2.84	−18 54 0.0	−10.6
56	C. P. D. −24°6386	9	19 15.82	− 0.27	− 0.95	296 33 52.35	48.148	+ 7.60	−1 53.2	18 19 14.60	− 2.94	−24 27 45.0	−11.2
57	C. P. D. −23°7090	9	22 21.85	− 0.25	− 0.95	297 57 52.40	48.955	+ 7.60	−1 46.7	18 22 20.65	− 2.90	−23 3 20.0	−11.4
58	B. D. −20°5160	9	24 55.19	− 0.23	− 0.95	300 41 51.78	44.415	+ 7.60	−1 35.6	18 24 54.01	− 2.84	−20 20 53.3	−11.3
59	C. P. D. −24°6448	9	28 44.50	− 0.26	− 0.95	296 45 51.55	43.465	+ 7.60	−1 52.4	18 28 43.29	− 2.91	−24 17 32.0	−11.9
60	C. P. D. −27°6468	9	29 37.14	− 0.29	− 0.95	293 37 52.62	45.902	+ 7.60	−2 9.3	18 29 35.90	− 2.98	−27 24 51.8	−12.2
61	B. D. −21°5076	9	32 13.57	− 0.24	− 0.95	299 33 51.35	45.810	+ 7.60	−1 40.0	18 32 12.38	− 2.84	−21 28 26.2	−11.8
62	B. D. −18°5037	9	36 3.98	− 0.21	− 0.95	302 57 52.98	45.118	+ 7.60	−1 27.6	18 36 2.82	− 2.78	−18 4 28.0	−11.8
63	B. D. −21°5131	9	39 38.87	− 0.23	− 0.95	299 55 52.52	47.518	+ 7.60	−1 38.5	18 39 37.69	− 2.82	−21 5 44.5	−12.3
64	C. P. D. −23°7256	9	42 10.18	− 0.25	− 0.95	297 39 51.68	48.670	+ 7.60	−1 48.1	18 42 8.98	− 2.85	−23 21 28.6	−12.6

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
14 15 28	29.955	62.6	61.3	13, 60. Bisections at VI, VII.					
15 55	......	....	60.6	21, 33. Bisections at II, VII.					
16 18	29.95	61.3	59.9	29, 54. Bisections at I, II.					
16 42	......	....	59.2						
17 6	29.95	60.4	59.1						
17 34	......	....	58.5						
17 59	29.94	59.4	58.0						
18 24	......	....	57.6						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	30 Sagittarii	9	45 8.28	– 0.24	– 0.95	298 45 52.15	46.755	+ 7.60	–1 43.3	18 45 7.09	– 2.82	–22 16 7.1	–12.7
2	B. D. –21°5176	9	48 19.93	– 0.24	– 0.95	299 33 51.80	45.788	+ 7.60	–1 40.0	18 48 18.74	– 2.80	–21 28 26.3	–12.8
3	C. P. D. –24°6551	9	50 54.74	– 0.26	– 0.95	296 17 53.35	46.330	+ 7.60	–1 54.7	18 50 53.53	– 2.85	–24 44 27.0	–13.3
4	C. P. D. –26°6610	9	54 23.61	– 0.27	– 0.95	294 43 52.18	46.235	+ 7.60	–2 2.9	18 54 22.39	– 2.87	–26 18 38.6	–13.7
5	B. D. –19°5275	9	57 32.68	– 0.22	– 0.95	301 47 52.62	45.762	+ 7.60	–1 31.6	18 57 31.51	– 2.73	–19 14 17.7	–13.0
6	B. D. –15°5223	9	0 15.14	– 0.19	– 0.95	305 13 51.55	45.860	+ 7.60	–1 20.5	19 0 14.00	– 2.67	–15 48 5.4	–12.8
7	B. D. –19°5312	9	2 42.15	– 0.22	– 0.95	301 35 52.88	45.955	+ 7.60	–1 32.3	19 2 40.98	– 2.72	–19 26 13.7	–13.3
8	C. P. D. –28°6805	9	5 14.03	– 0.29	– 0.95	292 21 51.10	45.420	+ 7.60	–2 17.5	19 5 12.79	– 2.87	–28 41 12.9	–14.6
9	B. D. –21°5292	9	6 47.84	– 0.24	– 0.95	299 13 51.68	44.840	+ 7.60	–1 41.5	19 6 46.65	– 2.74	–21 48 49.6	–13.8
10	B. D. –20°5464	9	9 50.97	– 0.22	– 0.95	301 3 51.88	49.490	+ 7.60	–1 34.2	19 9 49.80	– 2.70	–19 56 55.8	–13.7
11	d Sagittarii	9	12 5.01	– 0.21	– **0.99**	301 53 52.12	48.625	+ 7.60	–1 31.2	19 12 3.85	.....	–19 7 12.3	....
12	B. D. –21°5340	9	13 38.56	– 0.23	– 0.95	299 59 52.35	42.202	+ 7.60	–1 38.5	19 13 37.38	– 2.70	–21 3 46.2	–14.1
13	B. D. –16°5283	9	16 17.57	– 0.19	– 0.96	304 53 52.65	46.392	+ 7.60	–1 21.5	19 16 16.42	– 2.62	–16 7 53.2	–13.5
14	B. D. –22°5105	9	20 39.53	– 0.23	– 0.96	299 5 52.30	42.378	+ 7.60	–1 42.1	19 20 38.34	– 2.68	–21 57 45.8	–14.6
15	B. D. –18°5376	9	22 34.06	– 0.21	– 0.96	302 27 53.10	49.125	+ 7.60	–1 29.3	19 22 32.89	– 2.63	–18 32 58.0	–14.1
16	C. P. D. –28°6948	9	26 8.07	– 0.28	– 0.96	292 37 52.15	46.845	+ 7.60	–2 15.7	19 26 6.83	– 2.77	–28 24 37.4	–15.8
17	C. P. D. –26°6797	9	30 15.13	– 0.26	– 0.96	294 55 51.25	46.760	+ 7.60	–2 1.9	19 30 13.91	– 2.71	–26 6 26.5	–15.7
18	C. P. D. –27°6807	9	33 4.34	– 0.28	– 0.96	293 27 51.02	45.570	+ 7.60	–2 10.5	19 33 3.10	– 2.72	–27 35 2.5	–16.0
19	54 Sagittarii	9	35 17.17	– 0.19	– 0.96	304 31 52.88	44.668	+ 7.60	–1 22.7	19 35 16.02	.....	–16 30 33.5	....
20	C. P. D. –23°7565	9	38 52.16	– 0.24	– 0.96	297 57 53.22	44.982	+ 7.60	–1 47.0	19 38 50.96	– 2.62	–23 4 50.3	–15.6
21	B. D. –21°5522	9	42 24.24	– 0.22	– 0.96	299 51 51.98	43.232	+ 7.60	–1 39.0	19 42 23.06	– 2.57	–21 11 23.4	–15.4
22	B. D. –20°5735	9	46 19.36	– 0.21	– 0.96	301 5 51.58	46.228	+ 7.60	–1 34.2	19 46 18.19	– 2.54	–19 56 10.7	–15.3
23	C. P. D. –24°6848	9	48 36.63	– 0.24	– 0.96	296 51 51.82	46.105	+ 7.60	–1 52.0	19 48 35.43	– 2.58	–24 10 31.2	–16.2
24	B. D. –18°5553	9	53 34.74	– 0.20	– 0.96	302 49 51.65	44.150	+ 7.60	–1 28.1	19 53 33.58	– 2.49	–18 12 52.0	–15.3
25	63 Sagittarii	9	56 39.56	– 0.17	– 0.96	307 7 52.75	45.952	+ 7.60	–1 15.2	19 56 38.43	– 2.44	–13 53 56.8	–14.5
26	C. P. D. –27°6933	9	59 24.39	– 0.27	– 0.96	293 57 52.62	45.985	+ 7.60	–2 7.5	19 59 23.16	– 2.56	–27 4 48.4	–17.2
27	B. D. –14°5648	9	3 15.86	– 0.17	– 0.96	306 29 51.62	46.642	+ 7.60	–1 16.9	20 3 14.73	– 2.41	–14 31 43.8	–14.8
28	θ Aquilæ	9	6 24.57	– 0.10	– **0.99**	319 55 53.18	44.162	+ 7.60	– 48.0	20 6 23.51	.....	– 1 6 10.1	....
29	C. P. D. –27°6972	9	9 21.91	– 0.27	– 0.96	293 43 51.85	45.838	+ 7.60	–2 8.9	20 9 20.68	– 2.51	–27 18 54.0	–17.7
30	α² Capricorni	9	12 47.28	– 0.16	– **0.99**	308 11 52.40	44.905	+ 7.60	–1 12.4	20 12 46.16	.....	–12 50 18.3	....
	June 14, M.												
31	Mercury C, C	9	1 2.56	– 0.01	– 1.05	338 51 55.30	45.840	+ 7.24	– 21.5	4 1 1.50	– 0.10	+17 50 56.4	....
32	Venus I, C	9	7 26.12	+ 0.01	– 1.06	343 45 54.20	42.942	+ 7.24	– 16.1	5 7 25.07	+ 0.32	+22 43 54.4	....
33	Venus II	9	7 26.77	+ 0.01	– 1.06	... .	......	....	. ....	5 7 25.72	– 0.33	.. ..	....
	June 15, M.												
34	Sun I, N	9	33 16.50	+ 0.01	– 1.07	344 35 55.00	45.305	+ 7.46	– 15.2	5 33 15.44	+68.81	+23 34 50.1	....
35	Sun II, S	9	35 34.12	+ 0.01	– 1.07	344 3 55.30	46.495	+ 7.46	– 15.7	5 35 33.06	–68.81	+23 3 17.6	....
36	κ Virginis	9	7 49.93	– 0.19	– **1.08**	311 11 51.58	46.045	+ 8.75	–1 3.4	14 7 48.62	.....	– 9 49 42.9	....
37	λ Virginis	9	13 58.44	– 0.20	– **1.11**	308 5 52.80	45.948	+ 8.75	–1 10.8	14 13 57.12	.....	–12 55 51.3	....
38	2 Libræ	9	18 19.20	– 0.20	– 1.12	309 45 51.98	43.790	+ 8.75	–1 6.7	14 18 17.88	– 2.31	–11 16 37.3	+ 5.1
39	f Boötis	9	22 2.52	– 0.08	– **1.10**	340 39 54.25	47.375	+ 8.75	– 19.5	14 22 1.32	.....	+19 39 34.0	....
40	204 B. Boötis	9	25 52.62	– 0.03	– 1.12	3 15 56.05	41.975	+ 8.75	+ 3.2	14 25 51.47	– 1.70	+42 13 55.0	– 8.9
41	σ Boötis	9	30 33.08	– 0.06	– 1.12	351 11 56.38	42.312	+ 8.75	– 8.6	14 30 31.90	– 1.83	+30 9 51.3	– 6.4
42	109 Virginis	9	41 27.16	– 0.13	– **1.13**	323 19 53.95	43.800	+ 8.75	– 41.4	14 41 25.91	.....	+ 2 17 50.1	....
43	295 B. Boötis	9	45 23.64	– 0.04	– 1.12	359 13 56.48	43.828	+ 8.75	– 0.7	14 45 22.48	– 1.84	+38 12 33.9	– 8.4
44	ξ¹ Libræ	9	49 13.83	– 0.20	– 1.12	309 31 51.88	44.230	+ 8.75	–1 7.4	14 49 12.51	– 2.45	–11 30 28.1	+ 3.0
45	2 H. Ursæ Minoris	9	56 6.14	0.00	– 1.12	27 19 57.50	43.980	+ 8.75	+ 28.9	14 56 5.02	– 1.88	+66 19 8.0	–12.9
46	σ² Libræ	9	17 44.45	– 0.22	– 1.13	306 15 52.98	41.790	+ 8.75	–1 15.8	15 17 43.10	.....	–14 47 31.1	....
47	τ¹ Serpentis	9	21 23.67	– 0.09	– 1.13	336 47 54.90	43.478	+ 8.75	– 23.9	15 21 22.45	– 2.18	+15 46 1.2	– 4.7
48	ν² Boötis	9	28 23.95	– 0.03	– 1.13	2 15 56.35	41.380	+ 8.75	+ 2.3	15 28 22.79	– 2.04	+41 13 40.8	– 9.4
49	θ Ursæ Minoris	9	34 19 02	– 0.03	– 1.13	38 39 56.58	46.685	+ 8.75	+ 44.8	15 34 17.86	– 2.91	+77 40 24.2	–13.2
50	β Serpentis	9	41 48.85	– 0.09	– **1.04**	336 43 52.98	47.248	+ 8.75	– 24.0	15 41 47.63	.....	+15 43 25.3	....
51	ε Serpentis	9	46 5.44	– 0.12	– **1.12**	325 47 53.52	44.238	+ 8.75	– 37.9	15 46 4.19	.....	+ 4 46 3.2	....
52	ρ Scorpii	9	51 1.81	– 0.32	– 1.13	292 7 51.72	43.034	+ 8.75	–2 16.2	15 51 0.36	– 3.09	–28 56 4.3	+ 1.3
53	τ Herculis	9	56 59.00	– 0.08	– 1.13	339 5 54.80	46.245	+ 8.75	– 21.3	15 56 57.79	– 2.28	+18 5 6.9	– 6.2
54	151 H¹. Cephei s. P.	9	6 11.44	+ 0.42	– 1.13	55 41 56.42	44.331	+ 8.75	+1 22.0	4 6 10.73	.....	+85 17 51.5	....
55	σ Serpentis	9	17 16.36	– 0.14	– 1.13	322 17 53.80	42.612	+ 8.75	– 43.2	16 17 15.09	– 2.52	+ 1 15 21.0	– 4.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 18 46	29.935	58.9	57.5
19 8	......	....	57.2
19 27	29.93	58.4	57.0
19 52	......	....	56.9
20 14	29.925	57.9	56.6
4 1	29.95	69.7	69.9
5 7	29.95	71.5	72.7
15 5 36	29.94	72.5	73.2
14 9	29.88	70.1	69.0
14 38	......	....	68.1
15 2	29.88	68.8	67.9
15 38	......	....	67.0
16 20	29.88	67.5	66.2

Micrometer bisections are made at II, VI, except as noted below.

16, 21, 27. Bisections at II, VII.
23, 34. Bisections at I, II.
31, 32, 52. Bisections at I, II, VI, VII.
35. Bisections at VI, VII.
45. Bisections at III, V.
54. Bisections at b_1, b_2, b_5, b_8, b_9.

Notes.

4, 23–25, 46. Clouds.
44. Circle reading decreased 1′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
31	+ 3.2	.. ....	– 0.4	+ 2.8
32	+ 1.4	.. ....	0.0	+ 1.4
34	+ 2.3	–15 46.2	...	–15 43.9
35	+ 2.3	+15 46.3	...	+15 48.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	98 B. Draconis	8	22 22.85	0.00	− 1.13	16 25 57.38	45.798	+ 8.75	+ 16.6	16 22 21.72	− 2.40	+55 25 37.3	−10.7
2	β Herculis	8	26 9.15	− 0.07	**− 1.18**	342 41 54.82	48.500	+ 8.75	− 17.4	16 26 7.94	.....	+21 42 2.6	....
3	ζ Ophiuchi	9	31 56.36	− 0.19	**− 1.13**	310 39 50.78	44.542	+ 8.75	−1 5.0	16 31 55.03	.....	−10 22 19.7	....
4	24 Scorpii	9	36 5.38	− 0.23	− 1.14	303 27 51.60	47.955	+ 8.75	−1 24.3	16 36 4.01	− 2.87	−17 33 20.1	− 3.8
5	18 Ophiuchi	9	43 58.20	− 0.28	− 1.14	296 35 52.30	41.380	+ 8.75	−1 51.2	16 43 56.78	− 3.04	−24 28 16.5	− 3.9
	June 15, R.												
6	ι Herculis	9	36 49.06	0.00	− 1.15	7 3 56.90	46.212	+ 8.74	+ 7.0	17 36 47.91	.....	+46 3 36.4	....
7	μ Herculis	9	42 45.72	− 0.04	**− 1.11**	348 47 55.62	44.835	+ 8.74	− 11.0	17 42 44.53	.....	+27 46 45.8	....
8	168 H¹. Herculis	9	49 1.00	− 0.01	− 1.15	1 1 55.48	43.195	+ 8.74	+ 1.1	17 48 59.84	− 2.55	+40 0 20.2	− 8.3
9	67 Ophiuchi	9	55 54.07	− 0.11	− 1.15	323 57 54.02	45.008	+ 8.74	− 40.7	17 55 52.81	.....	+ 2 56 18.5	....
10	72 Ophiuchi	9	2 51.69	− 0.09	**− 1.14**	330 33 52.85	46.882	+ 8.74	− 31.6	18 2 50.45	.....	+ 9 33 9.2	....
11	22 H. Camelopardalis s. p.	9	8 15.98	+ 0.18	− 1.15	71 37 57.52	42.592	+ 8.74	+2 47.7	6 8 15.01	.....	+69 21 4.4	....
12	δ Sagittarii	8	14 55.52	− 0.31	− 1.16	291 11 51.20	43.580	+ 8.74	−2 23.2	18 14 54.05	.....	−29 51 59.4	....
13	109 Herculis	9	19 40.19	− 0.04	**− 1.20**	342 43 53.40	47.678	+ 8.74	− 17.4	18 19 38.99	.....	+21 43 42.1	....
14	2 H. Scuti	9	23 47.68	− 0.19	− 1.16	306 23 51.25	47.252	+ 8.74	−1 15.8	18 23 46.33	.....	−14 37 28.1	....
15	4 H. Scuti	9	37 5.06	− 0.16	**− 1.12**	311 53 51.05	43.962	+ 8.74	−1 2.4	18 37 3.74	.....	− 9 8 30.1	....
16	110 Herculis	9	41 35.52	− 0.04	**− 1.18**	341 27 54.25	46.948	+ 8.74	− 18.8	18 41 34.32	.....	+20 27 24.9	....
17	β Lyræ	9	46 35.87	− 0.01	− 1.16	354 15 54.88	45.792	+ 8.74	− 5.6	18 46 34.70	.....	+33 15 12.3	....
18	θ Serpentis	9	51 30.64	− 0.09	**− 1.19**	325 5 53.05	46.490	+ 8.74	− 39.1	18 51 29.39	.....	+ 4 4 53.0	....
19	ζ Sagittarii	9	56 34.70	− 0.30	− 1.16	291 1 51.15	46.662	+ 8.74	−2 24.4	18 56 33.24	.....	−30 0 50.2	....
20	λ Aquilæ	9	1 13.17	− 0.13	**− 1.17**	315 59 52.68	46.365	+ 8.74	− 54.1	19 1 11.88	.....	− 5 1 25.2	....
21	λ Ursæ Minoris	7	18 52.39	− 0.17	− 1.16	49 59 57.22	44.142	+ 8.74	+1 7.0	19 18 51.06	.....	+88 59 48.7	....
22	228 G. Sagittarii	9	39 58.03	− 0.31	− 1.17	288 55 52.58	43.928	+ 8.74	−2 41.7	19 39 56.55	− 2.79	−32 8 8.5	−17.2
23	α Aquilæ	9	46 9.71	− 0.06	**− 1.21**	329 37 53.45	46.670	+ 8.74	− 32.8	19 46 8.48	.....	+ 8 37 3.8	....
24	β Aquilæ	9	50 39.60	− 0.07	**− 1.24**	327 11 52.05	44.578	+ 8.74	− 36.1	19 50 38.36	.....	+ 6 10 11.3	....
25	4 B. Ursæ Minoris s. p.	7	1 31.50	+ 0.13	− 1.17	52 3 56.75	46.280	+ 8.74	+1 12.2	8 1 30.46	.....	+88 55 17.6	....
26	γ Cygni	9	18 50.71	+ 0.04	− 1.17	0 57 55.38	45.045	+ 8.74	+ 1.0	20 18 49.58	.....	+39 57 2.3	....
27	ρ Capricorni	8	23 26.90	− 0.19	**− 1.17**	302 53 51.55	47.315	+ 8.74	−1 26.4	20 23 25.54	.....	−18 7 36.6	....
28	ε Delphini	9	28 41.11	− 0.04	**− 1.15**	331 59 53.38	45.758	+ 8.74	− 29.8	20 28 39.90	.....	+10 58 45.9	....
29	29 Vulpeculæ	8	34 17.61	0.00	− 1.17	341 53 54.10	43.165	+ 8.74	− 18.3	20 34 16.44	− 2.31	+20 51 58.8	− 7.1
30	α Cygni	9	38 13.39	+ 0.06	− 1.17	5 57 57.02	42.845	+ 8.74	+ 5.9	20 38 12.28	.....	+44 56 18.5	....
31	μ Aquarii	9	47 32.15	− 0.12	**− 1.20**	311 41 52.25	44.220	+ 8.74	−1 3.0	20 47 30.85	.....	− 9 20 23.6	....
32	7 Aquarii	9	51 46.31	− 0.13	− 1.18	310 57 52.25	46.092	+ 8.74	−1 4.6	20 51 45.00	− 2.18	−10 3 42.4	−14.7
33	γ Microscopii	9	55 28.09	− 0.30	− 1.18	288 25 52.25	45.422	+ 8.74	−2 46.5	20 55 26.61	.....	−32 37 39.5	....
	June 16, R.												
34	Sun I, N	8	37 26.20	+ 0.03	− 1.28	344 37 54.95	46.102	+ 8.17	− 15.0	5 37 24.95	+68.84	+23 37 9.2	....
35	Sun II, S	6	39 43.88	+ 0.03	− 1.28	344 5 54.78	47.368	+ 8.17	− 15.5	5 39 42.63	−68.84	+23 5 37.9	....
	June 17, Ei.-Y.												
36	ξ² Libræ	9	51 37.59	− 0.16	**− 1.53**	309 59 51.10	47.085	+ 8.19	−1 6.6	14 51 35.90	.....	−11 1 23.4	....
37	B. D. −20°4164	9	6 6.18	− 0.23	− 1.53	300 5 52.45	44.462	+ 8.19	−1 36.2	15 6 4.42	− 2.72	−20 56 51.8	+ 3.9
38	ι Libræ	9	6 49.20	− 0.22	**− 1.46**	301 35 51.18	47.118	+ 8.19	−1 30.7	15 6 47.45	.....	−19 25 46.4	....
39	B. D. −21°4065	9	10 53.57	− 0.24	− 1.53	298 59 51.92	44.985	+ 8.19	−1 40.6	15 10 51.80	− 2.76	−22 2 44.5	+ 3.7
40	B. D. −12°4238	9	14 56.18	− 0.17	− 1.53	308 11 51.82	44.005	+ 8.19	−1 11.1	15 14 54.48	− 2.57	−12 50 37.5	+ 1.5
41	B. D. −11°3940	9	18 40.34	− 0.17	− 1.53	308 59 51.50	46.510	+ 8.19	−1 9.0	15 18 38.64	− 2.57	−12 1 38.5	+ 1.1
42	B. D. −18°4061	9	20 28.66	− 0.21	− 1.53	302 51 51.88	44.452	+ 8.19	−1 26.5	15 20 26.92	− 2.71	−18 10 42.6	+ 2.2
43	32 Libræ	9	22 54.88	− 0.19	**− 1.56**	304 37 52.70	48.850	+ 8.19	−1 20.8	15 22 53.16	.....	−16 22 55.6	....
44	B. D. −16°4099	9	25 19.77	− 0.19	− 1.53	304 45 51.22	43.920	+ 8.19	−1 20.5	15 25 18.05	− 2.68	−16 16 49.5	+ 1.4
45	B. D. −16°4110	9	27 34.11	− 0.19	− 1.53	304 29 52.28	46.965	+ 8.19	−1 21.3	15 27 32.39	− 2.69	−16 31 39.6	+ 1.3
46	γ Libræ	9	30 13.66	− 0.18	**− 1.52**	306 33 51.78	45.352	+ 8.19	−1 15.4	15 30 11.95	.....	−14 28 11.1	....
47	C. P. D. −24°5537	9	32 44.59	− 0.25	− 1.53	296 41 51.62	46.338	+ 8.19	−1 50.8	15 32 42.81	− 2.90	−24 20 24.3	+ 2.4
48	B. D. −22°3996	9	33 46.98	− 0.24	− 1.53	298 11 50.70	46.575	+ 8.19	−1 44.0	15 33 45.21	− 2.87	−22 50 12.8	+ 2.0
49	B. D. −20°4309	9	37 49.07	− 0.22	− 1.53	300 13 51.80	44.905	+ 8.19	−1 35.8	15 37 47.32	− 2.83	−20 48 41.7	+ 1.3
50	B. D. −22°4020	9	40 8.56	− 0.23	− 1.53	298 35 51.65	44.115	+ 8.19	−1 42.4	15 40 6.80	− 2.87	−22 27 6.5	+ 1.4
51	B. D. −21°4197	9	44 24.20	− 0.22	− 1.53	299 49 51.05	47.215	+ 8.19	−1 37.3	15 44 22.45	− 2.86	−21 11 51.1	+ 0.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 16 41	......	....	65.8
17 26	29.87	66.7	65.3
17 44	......	....	65.2
18 12	29.87	66.0	65.0
18 40	......	....	64.5
19 5	29.865	65.2	64.3
19 29	......	....	64.1
19 52	......	....	64.0
20 12	29.84	64.7	63.8
20 41	......	....	63.3
21 4	29.84	64.1	63.1
16 5 40	29.91	79.0	79.0
17 14 42	29.92	67.6	66.0
15 17	......	....	65.7
15 41	29.915	66.2	65.3

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at IV, V.
2, 27, 35, 38. Bisections at VI, VII.
21, 25. Bisections at b_2, b_5, b_8.
34, 37, 47. Bisections at I, II.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
34	+ 2.3	−15 45.7	...	−15 43.4
35	+ 2.3	+15 45.6	...	+15 47.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Libræ	9	47 50.14	− 0.21	− 1.53	301 9 51.10	44.455	+ 8.19	−1 32.4	15 47 48.40	....	−19 52 49.5	....
2	B. D. −22°4046	9	49 5.92	− 0.23	− 1.53	298 33 51.30	44.600	+ 8.19	−1 42.6	15 49 4.16	− 2.90	−22 28 55.9	+ 0.7
3	B. D. −15°4221	8	51 43.37	− 0.18	− 1.53	305 15 51.60	47.895	+ 8.19	−1 19.0	15 51 41.66	− 2.75	−15 45 16.8	− 0.7
4	C. P. D. −23°6292	8	53 53.09	− 0.24	− 1.53	297 7 52.22	43.930	+ 8.19	−1 48.9	15 53 51.32	− 2.95	−23 55 16.6	+ 0.5
5	C. P. D. −25°5726	9	57 37.19	− 0.25	− 1.54	295 27 51.50	42.725	+ 8.19	−1 57.2	15 57 35.40	− 3.01	−25 35 53.2	+ 0.4
6	B. D. −15°4243	9	0 45.28	− 0.18	− 1.54	305 49 51.28	44.675	+ 8.19	−1 17.5	16 0 43.56	− 2.76	−15 12 29.2	− 1.4
7	B. D. −17°4494	9	2 39.67	− 0.20	− 1.54	303 3 51.75	43.730	+ 8.19	−1 25.9	16 2 37.93	− 2.82	−17 58 58.7	− 1.1
8	c^1 Scorpii	9	6 28.17	− 0.27	− 1.54	293 21 51.15	46.448	+ 8.19	−2 8.9	16 6 26.36	− 3.09	−27 40 40.2	− 0.1
9	B. D. −20°4444	9	8 54.75	− 0.22	− 1.54	300 9 51.68	47.318	+ 8.19	−1 36.1	16 8 52.99	− 2.91	−20 51 47.0	− 1.2
10	B. D. −20°4454	9	11 23.93	− 0.22	− 1.54	299 57 52.42	47.082	+ 8.19	−1 36.9	16 11 22.17	− 2.92	−21 3 52.4	− 1.4
11	C. P. D. −23°6363	8	14 56.19	− 0.24	− 1.54	297 5 51.70	46.622	+ 8.19	−1 49.1	16 14 54.41	− 3.00	−23 56 15.8	− 1.3
12	B. D. −19°4365	9	18 33.69	− 0.21	− 1.54	301 13 51.00	44.660	+ 8.19	−1 32.2	16 18 31.94	− 2.90	−19 48 44.5	− 2.1
13	B. D. −21°4360	9	21 37.03	− 0.22	− 1.54	299 7 52.05	46.670	+ 8.19	−1 40.2	16 21 35.27	− 2.96	−21 54 5.5	− 2.1
14	C. P. D. −24°5703	9	24 27.24	− 0.24	− 1.54	296 7 52.52	46.925	+ 8.19	−1 53.7	16 24 25.46	− 3.04	−24 54 12.7	− 2.0
15	C. P. D. −24°5706	9	28 7.80	− 0.24	− 1.54	296 57 52.25	44.220	+ 8.19	−1 49.7	16 28 6.02	− 3.03	−24 5 10.8	− 2.4
16	B. D. −21°4391	9	32 0.13	− 0.22	− 1.54	299 11 51.42	42.675	+ 8.19	−1 40.0	16 31 58.37	− 2.97	−21 51 37.2	− 3.0
17	B. D. −20°4537	9	34 59.55	− 0.21	− 1.54	300 47 51.35	48.620	+ 8.19	−1 33.6	16 34 57.80	− 2.94	−20 13 15.0	− 3.4
18	B. D. −22°4196	9	37 59.19	− 0.23	− 1.54	298 29 50.52	43.885	+ 8.19	−1 42.8	16 37 57.42	− 3.00	−22 33 13.3	− 3.4
19	C. P. D. −25°5855	9	41 3.47	− 0.25	− 1.54	295 41 51.15	44.522	+ 8.19	−1 55.9	16 41 1.68	− 3.08	−25 21 11.2	− 3.4
20	B. D. −18°4332	9	44 16.76	− 0.19	− 1.54	302 55 50.92	47.648	+ 8.19	−1 26.3	16 44 15.03	− 2.90	−18 5 30.4	− 4.3
21	B. D. −17°4646	9	48 27.04	− 0.19	− 1.54	303 11 51.08	48.988	+ 8.19	−1 25.4	16 48 25.31	− 2.90	−17 48 58.6	− 4.6
22	C. P. D. −26°5766	9	51 5.49	− 0.26	− 1.54	294 13 50.98	48.202	+ 8.19	−2 3.7	16 51 3.69	− 3.13	−26 47 55.0	− 4.1
23	B. D. −18°4372	9	54 13.57	− 0.19	− 1.54	302 55 51.85	46.648	+ 8.19	−1 26.3	16 54 11.84	− 2.91	−18 5 52.3	− 5.1
24	C. P. D. −26°5801	9	57 11.05	− 0.26	− 1.54	294 5 51.08	44.050	+ 8.19	−2 4.7	16 57 9.25	− 3.14	−26 57 30.8	− 4.7
25	B. D. −20°4627	9	59 8.73	− 0.21	− 1.54	300 39 51.12	47.982	+ 8.19	−1 34.2	16 59 6.98	− 2.96	−20 21 30.4	− 5.3
26	η Ophiuchi	9	4 56.88	− 0.17	**− 1.55**	305 25 52.40	45.270	+ 8.19	−1 18.7	17 4 55.17	....	−15 36 15.9	....
27	B. D. −20°4661	9	5 45.19	− 0.20	− 1.55	300 43 50.88	46.132	+ 8.19	−1 34.1	17 5 43.44	− 2.96	−20 18 12.6	− 5.8
28	C. P. D. −25°5980	9	10 38.12	− 0.24	− 1.55	295 49 50.30	48.252	+ 8.19	−1 55.2	17 10 36.33	− 3.09	−25 11 46.0	− 5.9
29	B. D. −16°4470	9	12 52.06	− 0.17	− 1.55	304 49 50.52	44.968	+ 8.19	−1 20.5	17 12 50.34	− 2.88	−16 12 26.2	− 6.5
30	C. P. D. −24°5873	9	15 53.05	− 0.24	− 1.55	296 13 50.82	46.308	+ 8.19	−1 53.3	17 15 51.26	− 3.08	−24 48 28.1	− 6.4
31	B. D. −15°4534	8	18 9.41	− 0.17	− 1.55	305 5 52.05	44.170	+ 8.19	−1 19.7	17 18 7.69	− 2.87	−15 56 42.1	− 6.9
32	*d* Ophiuchi	9	21 18.43	− 0.28	− 1.55	291 15 52.68	46.842	+ 8.19	−2 23.0	17 21 16.60	....	−29 46 43.7	....
33	C. P. D. −26°5906	9	25 51.54	− 0.24	− 1.55	294 49 50.02	48.710	+ 8.19	−2 0.5	17 25 49.75	− 3.11	−26 11 41.2	− 7.1
34	C. P. D. −24°5914	9	29 45.96	− 0.23	− 1.55	296 27 51.58	48.432	+ 8.19	−1 52.1	17 29 44.18	− 3.06	−24 33 37.6	− 7.4
35	ξ Serpentis	9	32 9.94	− 0.17	**− 1.57**	305 41 51.45	45.532	+ 8.19	−1 18.0	17 32 8.22	....	−15 20 9.9	....
36	Uranus C, C	9	51 24.67	− 0.22	− 1.55	297 23 51.22	46.716	+ 8.19	−1 47.8	17 51 22.90	....	−23 38 12.8	....
37	C. P. D. −28°6497	9	11 23.79	− 0.25	− 1.55	292 21 51.18	46.012	+ 8.19	−2 15.5	18 11 21.99	− 3.11	−28 40 56.7	−10.8
38	B. D. −22°4693	9	16 18.57	− 0.21	− 1.55	298 3 51.68	47.712	+ 8.19	−1 44.9	18 16 16.81	− 2.96	−22 57 46.7	−10.9
39	C. P.D. −26°6463 (*mean*)	9	21 49.45	− 0.24	− 1.56	294 21 51.05	44.515	+ 8.19	−2 3.3	18 21 47.65	− 3.03	−26 41 19.0	−11.5
40	C. P. D. −26°6475	9	23 3.21	− 0.24	− 1.56	294 23 50.22	47.055	+ 8.19	−2 3.0	18 23 1.41	− 3.03	−26 38 21.3	−11.5
41	C. P. D. −24°6440	9	27 27.04	− 0.22	− 1.56	296 51 51.98	45.818	+ 8.19	−1 50.4	18 27 25.26	− 2.96	−24 10 35 2	−11 7
42	3 H. Scuti	9	30 3.38	− 0.12	**− 1.56**	312 41 52.88	49.110	+ 8.19	−1 0.8	18 30 1.70	....	− 8 18 29.8	....
43	C. P. D. −25°6575	9	31 20.26	− 0.23	− 1.56	295 17 52.18	46.622	+ 8.19	−1 58.2	18 31 18.47	− 2.99	−25 44 24.4	−12.1
44	C. P. D. −26°6527	9	35 12.23	− 0.24	− 1.56	294 11 51.42	49.105	+ 8.19	−2 4.1	18 35 10.43	− 3.00	−26 49 34.6	−12.4
45	4 H. Scuti	9	37 5.46	− 0.12	**− 1.53**	311 53 51.75	43.988	+ 8.19	−1 2.6	18 37 3.78	....	− 9 8 29.8	....
46	B. D. −19°5142	9	38 34.01	− 0.18	− 1.56	301 37 52.80	44.815	+ 8.19	−1 31.0	18 38 32.27	− 2.84	−19 24 37.9	−12.1
47	C. P. D. −29°5710	9	40 45.43	− 0.26	− 1.56	291 19 51.28	44.275	+ 8.19	−2 22.8	18 40 43.61	− 3.05	−29 43 43.5	−13.0
48	B. D. −20°5277	9	44 2.94	− 0.19	− 1.56	300 35 51.98	47.128	+ 8.19	−1 34.7	18 44 1.19	− 2.84	−20 25 49.5	−12.5
49	C. P. D. −27°6550	9	47 11.25	− 0.25	− 1.56	293 9 50.55	47.825	+ 8.19	−2 10.4	18 47 9.44	− 2.98	−27 52 10.8	−13.3
50	C. P. D. −23°7307	9	50 16.64	− 0.21	− 1.56	297 45 51.10	43.160	+ 8.19	−1 46.4	18 50 14.87	− 2.88	−23 17 32.9	−13.1
51	B. D. −18°5155	9	53 54.31	− 0.18	− 1.56	302 19 51.38	47.515	+ 8.19	−1 28.6	18 53 52.57	− 2.79	−18 41 35.2	−12.8
52	C. P. D. −25°6667	9	56 39.86	− 0.22	− 1.56	296 3 51.30	46.140	+ 8.19	−1 54.4	18 56 38.08	− 2.89	−24 58 32.5	−13.6
53	B. D. −21°5237	9	59 0.48	− 0.20	− 1.56	299 9 50.80	45.090	+ 8.19	−1 40.4	18 58 58.72	− 2.82	−21 52 43.0	−13.5
54	B. D. −17°5478	9	1 49.55	− 0.17	− 1.56	303 37 51.52	48.380	+ 8.19	−1 24.3	19 1 47.82	− 2.75	−17 23 11.0	−13.1
55	B. D. −20°5415	9	4 13.03	− 0.19	− 1.56	301 3 51.38	48.992	+ 8.19	−1 33.0	19 4 11.28	− 2.78	−19 57 5.9	−13.5
56	ψ Sagittarii	9	9 43.92	− 0.23	− 1.56	295 37 50.95	44.765	+ 8.19	−1 56.6	19 9 42.13	....	−25 25 6.4	....
57	*d* Sagittarii	9	12 5.58	− 0.18	**− 1.53**	301 53 51.50	48.560	+ 8.19	−1 30.0	19 12 3.84	....	−19 7 12.9	....
58	C. P. D. −23°7434	8	13 33.90	− 0.22	− 1.56	297 17 51.58	48.075	+ 8.19	−1 48.4	19 13 32.12	− 2.81	−23 43 42.1	−14.5
59	B. D. −19°5412	8	16 4.12	− 0.18	− 1.56	301 37 52.05	44.902	+ 8.19	−1 31.1	19 16 2.38	− 2.73	−19 24 36.8	−14.1
60	C. P. D. −24°6722	9	19 37.08	− 0.22	− 1.56	296 27 50.92	42.868	+ 8.19	−1 52.5	19 19 35.30	− 2.90	−24 35 45.7	−14.9
61	B. D. −20°5561	9	22 30.27	− 0.19	− 1.56	300 19 50.88	45.845	+ 8.19	−1 35.8	19 22 28.52	− 2.72	−20 42 21.0	−14.5
62	C. P. D. −25°6824	9	25 28.66	− 0.23	− 1.56	295 5 51.75	47.915	+ 8.19	−1 59.3	19 25 26.87	− 2.80	−25 55 56.4	−15.4
63	C. P. D. −23°7530	9	29 57.04	− 0.21	− 1.57	297 31 51.30	44.878	+ 8.19	−1 47.4	19 29 55.26	− 2.74	−23 30 54.4	−15.3
64	B. D. −14°5479	8	32 14.19	− 0.15	− 1.57	306 31 51.75	44.435	+ 8.19	−1 15.8	19 32 12.47	− 2.61	−14 30 32.5	−14.1

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
17 16 13	.....	....	64.6	1, 26, 39, 42, 44, 45, 57.	Bisections at I, II.	36	+ 0.4	.. ....	...	+ 0.4
16 39	29.90	65.5	64.9	21, 22, 28, 38, 48, 51, 56, 60, 61.	Bisections at II, VII.					
17 8	.....	....	64.3	27.	Bisections at VI, VII.					
17 33	29.91	65.0	64.4	36.	Bisections at I, II, VI, VII.					
17 53	.....	....	64.1							
18 25	29.90	64.7	63.8							
18 52	.....	....	63.3							
19 17	29.90	64.0	63.1							

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	r	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −15°5420	9	34 29.61	− 0.16	− 1.57	305 37 51.55	48.728	+ 8.19	−1 18.2	19 34 27.88	− 2.61	−15 22 57.0	−14.3
2	B. D. −19°5561	9	37 41.13	− 0.18	− 1.57	301 41 51.62	46.340	+ 8.19	−1 30.8	19 37 39.38	− 2.64	−19 20 4.1	−15.0
3	B. D. −17°5746	9	41 42.52	− 0.17	− 1.57	303 43 51.45	44.812	+ 8.19	−1 24.0	19 41 40.78	− 2.60	−17 18 32.3	−14.8
4	C. P. D. −27°6855	9	45 19.87	− 0.24	− 1.57	293 19 50.45	46.572	+ 8.19	−2 9.5	19 45 18.06	− 2.73	−27 42 38.6	−16.7
5	B. D. −18°5520	9	47 55.99	− 0.18	− 1.57	302 53 50.62	43.360	+ 8.19	−1 26.8	19 47 54.24	− 2.59	−18 9 9.2	−15.2
6	B. D. −19°5650	9	49 53.01	− 0.18	− 1.57	301 29 51.25	45.428	+ 8.19	−1 31.5	19 49 51.26	− 2.59	−19 32 26.0	−15.6
7	*g* Sagittarii	9	52 34.75	− 0.16	− 1.57	305 17 52.30	44.632	+ 8.19	−1 19.3	19 52 33.02	− 2.54	−15 44 31.2	−15.0
8	B. D. −18°5553	9	53 35.41	− 0.18	− 1.57	302 49 50.58	44.125	+ 8.19	−1 27.0	19 53 33.66	− 2.56	−18 12 51.9	−15.4
9	C. P. D. −23°7632	9	55 46.11	− 0.21	− 1.57	298 1 52.08	47.638	+ 8.19	−1 45.1	19 55 44.33	− 2.60	−22 59 48.2	−16.4
10	B. D. −15°5541	9	58 11.63	− 0.16	− 1.57	305 21 51.12	44.265	+ 8.19	−1 19.1	19 58 9.90	− 2.52	−15 40 40.6	−15.2
11	B. D. −21°5609	9	59 23.63	− 0.20	− 1.57	299 27 52.05	44.750	+ 8.19	−1 39.2	19 59 21.86	− 2.57	−21 34 48.3	−16.3
12	B. D. −19°5721	9	2 44.61	− 0.18	− 1.57	301 57 52.38	44.788	+ 8.19	−1 29.9	20 2 42.86	− 2.53	−19 4 37.9	−15.9
13	B. D. −22°5354	9	5 49.88	− 0.20	− 1.57	298 47 52.40	47.390	+ 8.19	−1 41.9	20 5 48.11	− 2.55	−22 13 50.4	−16.6
14	B. D. −19°5753	9	9 14.18	− 0.18	− 1.57	301 31 50.68	47.585	+ 8.19	−1 31.4	20 9 12.43	− 2.50	−19 29 37.1	−16.2
15	B. D. −12°5680	9	11 8.12	− 0.14	− 1.57	308 21 51.98	51.892	+ 8.19	−1 10.9	20 11 6.41	− 2.43	−12 37 36.9	−14.9
16	B. D. −21°5684	9	13 54.04	− 0.20	− 1.57	299 47 52.10	44.780	+ 8.19	−1 38.0	20 13 52.27	− 2.50	−21 14 46.4	−16.7
17	C. P. D. −23°7723	9	15 53.06	− 0.22	− 1.57	297 15 51.20	45.870	+ 8.19	−1 48.7	20 15 51.27	− 2.51	−23 46 33.1	−17.3
18	C. P. D. −25°7071	9	20 35.61	− 0.23	− 1.57	295 47 51.05	44.272	+ 8.19	−1 55.9	20 20 33.81	− 2.50	−25 15 16.9	−17.8
19	B. D. −16°5609	9	23 23.25	− 0.16	− 1.57	304 59 51.75	42.638	+ 8.19	−1 20.3	20 23 21.52	− 2.40	−16 3 18.3	−15.9
20	B. D. −19°5831	9	24 27.92	− 0.18	− 1.57	302 7 51.92	47.022	+ 8.19	−1 29.3	20 24 26.17	− 2.42	−18 53 46.4	−16.6
21	B. D. −14°5781	9	28 55.26	− 0.15	− 1.57	306 59 51.28	43.698	+ 8.19	−1 14.6	20 28 53.54	− 2.36	−14 2 48.6	−15.6
22	B. D. −22°5484	9	32 10.98	− 0.21	− 1.57	298 15 50.92	46.220	+ 8.19	−1 44.3	20 32 9.20	− 2.41	−22 46 21.0	−17.6
23	C. P. D. −24°7050	9	34 33.31	− 0.22	− 1.57	296 55 52.08	44.235	+ 8.19	−1 50.3	20 34 31.52	− 2.40	−24 7 11.2	−18.0
24	B. D. −19°5905	9	38 29.59	− 0.19	− 1.57	301 21 50.82	43.922	+ 8.19	−1 32.1	20 38 27.83	− 2.35	−19 41 1.4	−17.1
25	B. D. −17°6081	9	41 13.47	− 0.17	− 1.58	303 31 51.35	45.172	+ 8.19	−1 24.7	20 41 11.72	− 2.32	−17 30 25.2	−16.6
26	ε Aquarii	9	42 32.87	− 0.12	− **1.63**	311 11 50.70	43.838	+ 8.19	−1 4.3	20 42 31.17	.....	− 9 50 35.7	....
27	μ Aquarii	8	47 32.60	− 0.12	− **1.60**	311 41 50.92	44.365	+ 8.19	−1 3.1	20 47 30.90	.....	− 9 20 22.2	....
	June 18, M.												
28	Sun I, S.	9	45 45.51	− 0.02	− 1.69	344 9 53.58	45.952	+ 8.21	− 15.4	5 45 43.80	+68.96	+23 9 4.1	....
29	Sun II, N.	9	48 3.42	− 0.02	− 1.69	344 41 54.02	44.748	+ 8.21	− 14.9	5 48 1.71	−68.95	+23 40 38.0	....
30	κ Virginis	9	7 50.48	− 0.14	− **1.70**	311 11 48.90	46.110	+ 8.75	−1 2.6	14 7 48.58	.....	− 9 49 43.3	....
31	ι Virginis	9	11 2.77	− 0.12	− **1.73**	315 27 58.72	48.225	+ 8.75	− 54.0	14 11 0.89	.....	− 5 32 36.8	....
32	λ Virginis	9	13 58.95	− 0.15	− **1.69**	308 5 48.80	46.045	+ 8.75	−1 9.9	14 13 57.04	.....	−12 55 51.9	....
33	2 Libræ	9	18 19.72	− 0.15	− 1.76	309 45 48.68	43.862	+ 8.75	−1 5.9	14 18 17.81	− 2.29	−11 16 38.2	+ 5.0
34	*f* Boötis	9	22 3.08	− 0.05	− **1.71**	340 39 50.62	47.528	+ 8.75	− 19.2	14 22 1.27	.....	+19 39 34.1	....
35	204 B. Boötis	9	25 53.23	− 0.01	− 1.76	3 15 53.90	42.138	+ 8.75	+ 3.2	14 25 51.46	− 1.66	+42 13 56.6	− 9.4
36	σ Boötis	9	30 33.59	− 0.03	− 1.76	351 11 54.02	42.425	+ 8.75	− 8.5	14 30 31.80	− 1.80	+30 9 51.6	− 6.8
37	118 H^1. Cassiopeiæ s. P.	9	36 35.96	+ 0.13	− 1.76	73 31 55.30	48.020	+ 8.75	+3 5.0	2 36 34.33	− 0.99	+67 24 45.3	+13.9
38	109 Virginis	9	41 27.78	− 0.10	− **1.79**	323 19 51.45	43.900	+ 8.75	− 40.9	14 41 25.92	.....	+ 2 17 50.4	....
39	α Libræ	9	45 38.42	− 0.17	− **1.78**	305 24	......	....	. ....	14 45 36.49	.....	−15 38	....
	June 18, Ei.-Y												
40	C. P. D. −25°5616	9	19 2.14	− 0.22	− 1.72	295 41 49.60	48.488	+ 8.96	−1 53.8	15 19 0.20	− 2.88	−25 19 39.2	+ 3.8
41	32 Libræ	9	22 55.00	− 0.17	− **1.70**	304 37 50.98	48.835	+ 8.96	−1 19.6	15 22 53.11	.....	−16 22 55.7	....
42	B. D. −19°4128	9	26 16.58	− 0.19	− 1.72	301 11 50.62	45.925	+ 8.96	−1 30.7	15 26 14.67	− 2.76	−19 50 13.9	+ 2.0
43	B. D. −22°3975	9	27 41.54	− 0.21	− 1.72	297 53 50.68	45.860	+ 8.96	−1 43.7	15 27 39.61	− 2.85	−23 8 28.1	+ 2.6
44	γ Libræ	9	30 13.78	− 0.16	− **1.66**	306 33 50.38	45.335	+ 8.96	−1 14.2	15 30 11.90	.....	−14 28 10.9	....
45	B. D. −20°4285	9	32 46.01	− 0.19	− 1.72	300 19 49.95	46.740	+ 8.96	−1 33.9	15 32 44.10	− 2.81	−20 41 58.9	+ 1.7
46	B. D. −16°4135	9	35 19.18	− 0.17	− 1.72	304 35 50.88	44.275	+ 8.96	−1 19.8	15 35 17.29	− 2.71	−16 26 40.2	+ 0.7
47	B. D. −16°4151	9	38 34.99	− 0.17	− 1.73	304 27 51.20	46.272	+ 8.96	−1 20.1	15 38 33.09	− 2.73	−16 33 54.6	+ 0.5
48	C. P. D. −24°5555	9	40 11.73	− 0.21	− 1.73	296 37 50.35	45.035	+ 8.96	−1 49.4	15 40 9.79	− 2.93	−24 24 53.0	+ 1.8
49	B. D. −17°4431	9	44 27.39	− 0.17	− 1.73	303 25 49.88	44.852	+ 8.96	−1 23.4	15 44 25.49	− 2 77	−17 36 31.6	+ 0.2
50	C. P. D. −24°5582	9	47 55.77	− 0.22	− 1.73	295 59 50.48	46.255	+ 8.96	−1 52.5	15 47 53.82	− 2.97	−25 2 28.1	+ 1.2
51	B. D. −18°4195	9	49 32.07	− 0.18	− 1.73	301 55 50.25	46.515	+ 8.96	−1 28.2	15 49 30.16	− 2.82	−19 5 58.1	+ 0.1
52	B. D. −20°4364	9	52 8.49	− 0.19	− 1.73	300 19 51.12	45.888	+ 8.96	−1 34.0	15 52 6.57	− 2.86	−20 42 17.3	+ 0.1
53	δ Scorpii	9	54 44.17	− 0.20	− 1.73	298 41 49.58	44.585	+ 8.96	−1 40.4	15 54 42.24	.....	−22 20 55.0	....
54	C. P. D. −24°5639	9	58 13.53	− 0.21	− 1.73	296 33 50.45	48.220	+ 8.96	−1 49.7	15 58 11.59	− 2.98	−24 27 40.4	+ 0.2
55	B. D. −20°4405	9	1 16.22	− 0.18	− 1.73	300 37 50.52	45.180	+ 8.96	−1 32.9	16 1 14.31	− 2.88	−20 24 33.0	− 0.7
56	ν Scorpii (*mean*)	9	6 29.66	− 0.18	− **1.79**	301 49 48.92	44.732	+ 8.96	−1 28.7	16 6 27.75	.....	−19 12 40.6	....
57	δ Ophiuchi	9	9 23.28	− 0.10	− **1.76**	317 33 51.58	47.945	+ 8.96	− 50.4	16 9 21.45	.....	− 3 26 46.3	....
58	B. D. −17°4534	9	13 0.83	− 0.16	− 1.73	303 53 50.55	43.360	+ 8.96	−1 22.0	16 12 58.94	− 2.83	−17 9 3.7	− 2.0
59	σ Scorpii	9	15 26.07	− 0.21	− 1.73	295 39 49.05	48.270	+ 8.96	−1 54.3	16 15 24.13	.....	−25 21 45.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 19 39	......	....	63.1
20 4	29.895	64.0	63.2
20 27	......	....	62.5
20 59	29.885	63.4	62.5
18 5 48	29.915	80.0	80.0
14 8	29.89	76.0	75.1
14 46	29.895	75.2	74.3
15 20	29.905	74.2	73.4
15 51	......	....	73.0
16 16	29.91	73.3	72.3

Micrometer bisections are made at II, VI, except as noted below.

7, 10, 19, 25, 28, 31, 42.	Bisections at I, II.
11, 14, 15, 18.	Bisections at II, VII.
20, 29, 32.	Bisections at VI, VII.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
28	+ 2.3	+15 46.9	...	+15 49.2
29	+ 2.2	−15 46.9	...	−15 44.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ρ Ophiuchi (*mean*)	9	19 54.58	− 0.20	− 1.73	297 49 49.92	43.152	+ 8.96	−1 44.3	16 19 52.65	− 2.99	−23 13 31.3	− 1.8
2	B. D.−19°4547	9	4 40.78	− 0.17	− 1.74	301 41 50.00	49.670	+ 8.96	−1 29.2	17 4 38.87	− 2.95	−19 18 47.4	− 5.7
3	B. D.−21°4544	9	6 59.73	− 0.18	− 1.74	299 33 50.02	43.450	+ 8.96	−1 37.2	17 6 57.81	− 3.00	−21 29 17.3	− 5.8
4	C. P. D.−26°5863	9	10 24.26	− 0.21	− 1.74	294 37 50.00	46.770	+ 8.96	−1 59.9	17 10 22.31	− 3.13	−26 24 24.2	− 5.8
5	C. P. D.−23°6564	9	12 20.31	− 0.19	− 1.74	297 3 49.88	47.482	+ 8.96	−1 47.7	17 12 18.38	− 3.06	−23 57 55.8	− 6.1
6	ξ Ophiuchi	9	15 19.89	− 0.17	− 1.74	300 1 49.80	45.465	+ 8.96	−1 35.4	17 15 17.98	− 2.99	−21 0 29.7	− 6.4
7	B. D.−22°4336	9	17 29.49	− 0.18	− 1.74	298 7 50.58	44.680	+ 8.96	−1 43.1	17 17 27.57	− 3.04	−22 54 54.6	− 6.5
8	C. P. D.−25°6028	9	21 3.84	− 0.20	− 1.74	295 9 49.05	49.238	+ 8.96	−1 57.0	17 21 1.90	− 3.11	−25 51 25.8	− 6.7
9	51 Ophiuchi	9	25 38.44	− 0.19	− 1.74	297 9 48.80	44.180	+ 8.96	−1 47.4	17 25 36.51	− 3.06	−23 53 12.1	− 7.1
10	B. D.−18°4586	9	31 28.30	− 0.16	− 1.74	302 5 49.50	47.242	+ 8.96	−1 28.0	17 31 26.40	− 2.94	−18 55 42.0	− 7.7
11	C. P. D.−29°4825	9	33 18.37	− 0.22	− 1.74	291 35 50.40	42.305	+ 8.96	−2 18.8	17 33 16.41	− 3.21	−29 28 24.7	− 7.6
12	C. P. D.−27°5723	9	37 20.15	− 0.21	− 1.74	293 13 49.65	42.520	+ 8.96	−2 8.2	17 37 18.20	− 3.16	−27 50 9.9	− 8.0
13	B. D.−19°4711	9	43 58.85	− 0.16	− 1.74	301 3 49.00	45 635	+ 8 96	−1 31 6	17 43 56.95	− 2.96	−19 58 22.8	− 8.6
14	C. P. D −25°6128	9	46 3.16	− 0.20	− 1.74	295 17 50.10	45.902	+ 8.96	−1 56.5	17 46 1.22	− 3.09	−25 44 40.5	− 8.7
15	9 G. Sagittarii	9	50 21.04	− 0.16	− 1.74	302 15 50.10	43.845	+ 8.96	−1 27.5	17 50 19.14	− 2.93	−18 46 58.5	− 9.0
16	C. P. D.−28°6083	9	52 38.72	− 0.22	− 1.74	292 17 49.90	46.415	+ 8.96	−2 13.9	17 52 36.76	− 3.16	−28 44 46.6	− 9.2
17	ν Ophiuchi	9	53 49.18	− 0.11	**− 1.80**	311 15 49.65	46.462	+ 8.96	−1 3.0	17 53 47.33	....	− 9 45 34.7	....
18	B. D.−17°4987	9	55 53.26	− 0.14	− 1.74	303 53 49.65	43.435	+ 8.96	−1 22.3	17 55 51.38	− 2.89	−17 9 2.9	− 9.4
19	C. P. D.−26°6182	9	57 30.31	− 0.20	− 1.75	294 43 49.98	45.005	+ 8.96	−1 59.6	17 57 28.36	− 3.09	−26 19 3.9	− 9.6
20	γ Sagittarii	9	59 43.68	− 0.22	− 1.75	290 37 50.52	45.305	+ 8.96	−2 25.8	17 59 41.71	....	−30 25 22.9	....
21	B. D.−16°5083	9	50 17.27	− 0.16	− 1.75	304 33 51.05	45.985	+ 8.96	−1 20.3	18 50 15.36	− 2.78	−16 28 1.2	−12.5
22	B. D.−19°5273	9	57 30.05	− 0.18	− 1.75	301 39 48.98	44.320	+ 8.96	−1 29.6	18 57 28.12	− 2.81	−19 22 50.9	−13.1
23	λ Aquilæ	9	1 13.82	− 0.11	**− 1.79**	315 59 50.65	46.450	+ 8.96	− 53.5	19 1 11.96	....	− 5 1 24.5	....
24	C. P. D.−25°6700	9	2 58.85	− 0.21	− 1.75	295 49 48.52	43.350	+ 8.96	−1 53.9	19 2 56.89	− 2.89	−25 13 37.8	−14.0
25	C. P. D.−26°6685	9	7 23.81	− 0.22	− 1.75	294 57 50.20	48.172	+ 8.96	−1 58.3	19 7 21.84	− 2.89	−26 3 50.3	−14.4
26	B. D.−16°5220	9	10 0.34	− 0.16	− 1.76	304 45 50.08	46.912	+ 8.96	−1 19.6	19 9 58.42	− 2.72	−16 15 40.6	−13.4
27	*d* Sagittarii	9	12 5.83	− 0.18	**− 1.76**	301 53 50.22	48.505	+ 8.96	−1 28.7	19 12 3.89	....	−19 7 13.1	....
28	C. P. D.−24°6689	9	14 56.12	− 0.21	− 1.76	296 39 48.70	45.232	+ 8.96	−1 49.9	19 14 54.15	− 2.83	−24 22 50.6	−14.6
29	B. D.−20°5516	9	17 4.20	− 0.18	− 1.76	300 13 49.75	43.805	+ 8.96	−1 34.8	19 17 2.26	− 2.76	−20 49 7.1	−14.3
30	C. P. D.−24°6723	9	19 45.88	− 0.20	− 1.76	296 53 49.12	45.298	+ 8.96	−1 48.8	19 19 43.92	− 2.81	−24 8 47.8	−14.8
31	B. D.−15°5348	9	20 47.97	− 0.15	− 1.76	305 47 50.08	44.925	+ 8.96	−1 16.7	19 20 46.06	− 2.68	−15 14 23.1	−13.8
32	C. P. D.−27°6772	9	24 0.73	− 0.23	− 1.76	293 51 49.72	46.208	+ 8.96	−2 4.5	19 23 58.74	− 2.84	−27 10 41.9	−15.5
33	B. D.−19°5492	9	26 10.04	− 0.18	− 1.76	301 25 49.55	49.020	+ 8.96	−1 30.4	19 26 8.10	− 2.71	−19 35 3.7	−14.6
34	C. P. D.−24°6764	9	30 16.76	− 0.21	− 1.76	296 7 50.20	43.525	+ 8.96	−1 52.6	19 30 14.79	− 2.78	−24 55 30.8	−15.5
35	κ Aquilæ	9	31 48.09	− 0.12	**− 1.73**	313 47 50.78	44.450	+ 8.96	− 57.8	19 31 46.21	....	− 7 14 14.3	....
36	B. D.−17°5699 (*pr.*)	9	33 45.88	− 0.16	− 1.76	303 53 50.05	47.598	+ 8.96	−1 22.3	19 33 43.96	− 2.65	−17 7 27.6	−14.6
37	C. P. D.−26°6817	9	36 35.01	− 0.22	− 1.76	294 21 49.35	48.300	+ 8.96	−2 1.7	19 36 33.03	− 2.78	−26 39 51.6	−16.1
38	B. D.−15°5444	9	38 9.63	− 0.15	− 1.76	305 19 49.52	47.790	+ 8.96	−1 18.1	19 38 7.72	− 2.62	−15 41 19.6	−14.5
39	C. P. D.−27°6835	9	40 29.09	− 0.23	− 1.76	293 31 49.85	48.860	+ 8.96	−2 6.5	19 40 27.10	− 2.78	−27 29 43.1	−16.4
40	C. P. D.−29°6176	9	43 17.04	− 0.24	− 1.76	292 1 49.90	45.245	+ 8.96	−2 16.1	19 43 15.04	− 2.78	−29 1 15.3	−16.8
41	C. P. D.−25°6917	9	45 30.73	− 0.21	− 1.76	295 53 48.88	46.905	+ 8.96	−1 53.7	19 45 28.76	− 2.71	−25 8 16.2	−16.3
42	B. D.−19°5631	9	46 41.89	− 0.18	− 1.76	301 45 49.18	43.695	+ 8.96	−1 29.5	19 46 39.95	− 2.62	−19 17 4.9	−15.4
43	B. D.−21°5574	9	49 56.38	− 0.19	− 1.76	299 17 50.20	43.578	+ 8.96	−1 38.6	19 49 54.43	− 2.64	−21 45 15.6	−16.0
44	B. D.−22°5296	9	53 57.44	− 0.20	− 1.76	298 33 48.92	46.975	+ 8.96	−1 41.6	19 53 55.48	− 2.63	−22 28 2.3	−16.3
45	*c* Sagittarii	8	56 50.10	− 0.23	− 1.76	293 5 49.78	42.085	+ 8.96	−2 9.4	19 56 48.11	....	−27 58 20.9	....
46	B. D.−13°5569	9	0 10.59	− 0.14	− 1.76	308 5 50.98	45.778	+ 8.96	−1 10.8	20 0 8.69	− 2.51	−12 55 56.8	−14.8
47	B. D.−21°5629	9	4 1.41	− 0.18	− 1.76	300 9 49.75	46.572	+ 8.96	−1 35.2	20 3 59.47	− 2.56	−20 52 4.3	−16.4
48	B. D.−13°5608	9	7 9.42	− 0.14	− 17.6	308 7 50.08	46.502	+ 8.96	−1 10.7	20 7 7.52	− 2.48	−12 53 41.0	−14.9
49	B. D.−13°5619	9	9 50.48	− 0.14	− 1.76	307 21 50.18	45.108	+ 8.96	−1 12.7	20 9 48.58	− 2.47	−13 40 14.8	−15.2
50	B. D.−18°5637	9	11 33.62	− 0.17	− 1.76	302 19 49.22	42.890	+ 8.96	−1 27.6	20 11 31.69	− 2.51	−18 43 21.3	−16.2
51	B. D.−17°5936	9	14 18.73	− 0.17	− 1.76	303 15 49.75	43.542	+ 8.96	−1 24.6	20 14 16.80	− 2.49	−17 47 3.1	−16.1
52	β Capricorni	9	15 41.57	− 0.15	**− 1.79**	305 57 49.62	43.800	+ 8.96	−1 16.5	20 15 39.66	....	−15 4 49.0	....
53	B. D.−22°5419	9	18 48.04	− 0.20	− 1.77	298 41 50.62	43.708	+ 8.96	−1 41.3	20 18 46.07	− 2.51	−22 21 14.9	−17.2
54	π Capricorni	8	21 54.06	− 0.17	**− 1.79**	302 31 49.40	42.950	+ 8.96	−1 27.0	20 21 52.12	....	−18 31 19.2	....
55	B. D.−17°5992	9	23 35.51	− 0.17	− 1.77	303 17 49.90	43.980	+ 8.96	−1 24.5	20 23 33.57	− 2.44	−17 44 52.6	−16.4
56	B. D.−17°6014	9	27 9.83	− 0.16	− 1.77	304 5 51.00	46.715	+ 8.96	−1 21.9	20 27 7.90	− 2.41	−16 55 46.4	−16.3
57	B. D.−17°6027	9	30 10.75	− 0.16	− 1.77	304 11 51.00	43.318	+ 8.96	−1 21.7	20 30 8.82	− 2.40	−16 51 3.8	−16.3
58	C. P. D.−24°7037	9	32 28.50	− 0.21	− 1.77	296 27 50.62	48.740	+ 8.96	−1 51.0	20 32 26.52	− 2.45	−24 33 29.6	−18.1
59	B. D.−14°5815	9	35 58.01	− 0.14	− 1.77	307 11 49.95	45.282	+ 8.96	−1 13.1	20 35 56.10	− 2.35	−13 50 11.5	−15.8
60	B. D.−16°5690	9	39 55.82	− 0.16	− 1.77	304 53 50.98	44.660	+ 8.96	−1 19.5	20 39 53.89	− 2.34	−16 8 31.0	−16.4
61	B. D.−17°6089	9	42 53.52	− 0.16	− 1.77	304 9 49.62	45.895	+ 8.96	−1 21.7	20 42 51.59	− 2.33	−16 52 6.4	−16.6
62	B. D.−13°5773	9	45 28.61	− 0.14	− 1.77	308 7 49.40	46.288	+ 8.96	−1 10.7	20 45 26.70	− 2.30	−12 53 46.6	−15.7

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
18 17 1	29.90	72.5	71.5	16, 30, 41, 51. Bisections at I, II.					
17 27	......	....	71.0	18, 19, 21. Bisections at VI, VII.					
18 2	29.885	71.3	70.6	20, 57, 60. Bisections at II, VII.					
18 48	29.875	70.7	70.1						
19 9	......	....	70.0						
19 27	29.87	70.1	69.6						
19 48	......	....	69.0						
20 1	29.865	69.8	68.8	Notes.					
20 20	......	....	68.0	13, 14. Faint.					
20 37	29.86	68.9	68.5	18. Revolutions of micrometer reading assumed.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −17°6112.......	9	47 36.10	− 0.16	− 1.77	303 39 49.72	46.960	+ 8.96	−1 23.2	20 47 34.17	− 2.31	−17 21 43.4	−16.8
2	B. D. −13°5791.......	9	50 27.10	− 0.14	− 1.77	307 47 49.75	46.360	+ 8.96	−1 11.6	20 50 25.19	− 2.28	−13 13 45.5	−15.8
3	B. D. −20°6090.......	9	53 58.73	− 0.18	− 1.77	300 13 49.75	44.972	+ 8.96	−1 35.1	20 53 56.78	− 2.29	−20 48 40.7	−17.7
4	B. D. −14°5908.......	9	55 55.14	− 0.14	− 1.77	307 7 50.85	45.590	+ 8.96	−1 13.4	20 55 53.23	− 2.25	−13 54 3.8	−16.1
5	B. D. −20°6127.......	9	1 17.82	− 0.18	− 1.77	300 27 50.32	47.875	+ 8.96	−1 34.2	21 1 15.87	− 2.24	−20 33 32.9	−17.8
6	B. D. −20°6140.......	9	3 51.56	− 0.18	− 1.77	300 27 50.22	45.135	+ 8.96	−1 34.3	21 3 49.61	− 2.23	−20 34 35.7	−17.9
7	B. D. −10°5619.......	9	5 37.31	− 0.13	− 1.77	310 25 49.50	46.075	+ 8.96	−1 5.2	21 5 35.41	− 2.19	−10 35 45.9	−15.3
8	B. D. −17°6216.......	9	9 48.57	− 0.17	− 1.77	303 17 50.08	45.620	+ 8.96	−1 24.5	21 9 46.63	− 2.18	−17 44 15.0	−17.2
9	B. D. −19°6065.......	9	12 51.81	− 0.18	− 1.77	301 57 50.72	43.612	+ 8.96	−1 29.0	21 12 49.86	− 2.17	−19 5 4.7	−17.6
10	ι Capricorni	9	16 58.31	− 0.16	− **1.82**	303 47 49.92	45.390	+ 8.96	−1 23.0	21 16 56.38	.....	−17 14 18.9	....
	June 19, R.												
11	Mercury C, C........	9	30 49.85	+ 0.05	− 2.12	340 59 51.78	43.231	+ 9.57	− 18.7	4 30 47.78	− 0.07	+19 57 58.4	....
	June 20, R.												
12	Sun I, S.............	9	54 5.35	+ 0.06	− 2.13	344 11 52.85	45.420	+ 9.11	− 15.3	5 54 3.28	+68.86	+23 10 52.2	....
13	Sun II, N............	9	56 23.08	+ 0.06	− 2.13	344 43 53.22	44.098	+ 9.11	− 14.7	5 56 21.01	−68.87	+23 42 23.4	....
14	Moon I...............	5	13 57.09	− 0.09	− 2.19	319 50	......	....	. ....	12 13 54.81	+66.88	.. ..	....
15	*m* Virginis..............	9	36 38.59	− 0.11	[− **2.14**]	312 48	......	....	. ....	13 36 36.26	.....	− 8 13	....
16	89 Virginis..............	8	44 43.71	− 0.16	[− **2.13**]	303 22	......	....	. ....	13 44 41.33	.....	−17 39	....
17	η Boötis..............	9	50 10.71	− 0.04	[− **2.11**]	339 54	......	....	. ....	13 50 8.45	.....	+18 52	....
18	τ Virginis..............	9	56 49.78	− 0.08	[− **2.12**]	323 2	......	....	. ....	13 56 47.48	.....	+ 2 0	....
19	*d* Boötis..............	9	6 5.13	− 0.03	[− **2.10**]	346 34	......	....	. ....	14 6 2.88	.....	+25 32	....
20	κ Virginis..............	9	7 50.88	− 0.12	[− **2.13**]	311 12	......	....	. ....	14 7 48.54	.....	− 9 49	....
21	ι Virginis..............	9	11 3.18	− 0.10	[− **2.17**]	315 28	......	....	. ....	14 11 0.86	.....	− 5 32	....
	June 20, Br.												
22	ρ Capricorni...........	9	23 28.16	− 0.15	− **2.34**	302 53 49.52	47.380	+ 9.74	−1 25.1	20 23 25.65	.....	−18 7 35.2	....
23	ε Delphini..............	9	28 42.39	− 0.02	− **2.33**	331 59 50.42	45.888	+ 9.74	− 29.3	20 28 40.01	.....	+10 58 47.4	....
24	73 Draconis..............	9	32 54.31	+ 0.14	− 2.36	35 37 54.62	44.792	+ 9.74	+ 39.7	20 32 52.11	.....	+74 37 35.5	....
25	α Cygni..............	9	38 14.68	+ 0.06	− 2.36	5 57 54.28	42.952	+ 9.74	+ 5.8	20 38 12.38	.....	+44 56 19.2	....
26	ε Aquarii..............	9	42 33.63	− 0.10	− **2.34**	311 11 49.15	43.775	+ 9.74	−1 3.1	20 42 31.17	.....	− 9 50 35.9	....
27	76 Draconis..............	9	49 45.18	+ 0.23	− 2.36	43 9 54.72	46.915	+ 9.74	+ 52.1	20 49 43.05	.....	+82 10 36.4	....
28	θ Capricorni	9	0 37.92	− 0.13	− **2.37**	303 25 49.68	44.685	+ 9.74	−1 23.5	21 0 35.43	.....	−17 36 35.0	....
29	ν Aquarii..............	9	4 26.71	− 0.10	− **2.40**	309 15 49.42	47.195	+ 9.74	−1 7.5	21 4 24.25	.....	−11 45 21.9	....
30	ζ Cygni..............	9	8 55.79	+ 0.04	− **2.38**	350 51 53.75	43.050	+ 9.74	− 8.9	21 8 53.47	.....	+29 50 6.2	....
31	1 H. Draconis s. P......	9	23 23.93	− 0.01	− 2.37	59 13 55.15	45.897	+ 9.74	+1 33.0	9 23 21.55	.....	+81 45 5.1	....
	June 21, M.												
32	Mercury C, C........	9	44 29.80	+ 0.02	− 2.55	341 49 53.00	43.432	+ 8.88	− 17.9	4 44 27.27	− 0.06	+20 48 4.3	....
	June 22, M.												
33	Sun I, S.............	9	2 24.72	+ 0.02	− 2.56	344 11 53.38	45.782	+ 9.11	− 15.4	6 2 22.18	+68.90	+23 11 0.9	....
34	Sun II, N............	9	4 42.51	+ 0.02	− 2.56	344 43 52.80	44.485	+ 9.11	− 14.8	6 4 39.97	−68.89	+23 42 31.8	....
	June 22, Ei.-Y.												
35	Moon I, N............	9	3 50.07	− 0.14	− 2.58	311 19 48.80	47.120	+ 9.36	−1 3.0	14 3 47.35	+66.77	− 9 41 20.1	....
36	ξ² Libræ..............	9	51 38.61	− 0.14	− **2.60**	309 59 50.55	47.062	+ 9.33	−1 6.2	14 51 35.89	.....	−11 1 22.9	....
37	ι Libræ..............	9	6 50.28	− 0.19	− **2.59**	301 35 52.68	47.055	+ 9.29	−1 30.1	15 6 47.50	.....	−19 25 44.9	....
38	B. D. −21°4065.......	9	10 54.50	− 0.21	− 2.59	298 59 51.68	44.985	+ 9.28	−1 40.0	15 10 51.70	− 2.74	−22 2 43.1	+ 3.7
39	B. D. −12°4238.......	9	14 57.19	− 0.15	− 2.59	308 11 51.95	43.980	+ 9.26	−1 10.6	15 14 54.45	− 2.55	−12 50 36.4	+ 1.3
40	B. D. −11°3940.......	9	18 41.35	− 0.14	− 2.59	308 59 51.32	46.495	+ 9.25	−1 8.6	15 18 38.62	− 2.55	−12 1 37.6	+ 0.8
41	B. D. −18°4061.......	8	20 29.65	− 0.18	− 2.59	302 51 52.65	44.410	+ 9.24	−1 25.9	15 20 26.88	− 2.69	−18 10 41.2	+ 2.1
42	32 Libræ..............	9	22 55.88	− 0.17	− **2.59**	304 37 52.45	48.820	+ 9.24	−1 20.3	15 22 53.12	.....	−16 22 55.0	....
43	B. D. −16°4099.......	9	25 20.79	− 0.17	− 2.59	304 45 52.25	43.860	+ 9.23	−1 20.0	15 25 18.03	− 2.67	−16 16 48.3	+ 1.3
44	B. D. −16°4110.......	9	27 35.16	− 0.17	− 2.59	304 29 52.85	46.940	+ 9.22	−1 20.8	15 27 32.40	− 2.68	−16 31 38.1	+ 1.2
45	γ Libræ..............	9	30 14.64	− 0.16	− **2.53**	306 33 52.92	45.285	+ 9.22	−1 15.0	15 30 11.89	.....	−14 28 10.1	....
46	C. P. D. −24°5537.....	9	32 45.62	− 0.22	− 2.59	296 41 53.55	46.222	+ 9.21	−1 50.2	15 32 42.81	− 2.89	−24 20 23.2	+ 2.4
47	B. D. −22°3996.......	9	33 48.04	− 0.21	− 2.59	298 11 52.30	46.450	+ 9.20	−1 43.4	15 33 45.24	− 2.85	−22 50 12.2	+ 2.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 20 58	......	....	68.0
21 27	29.865	68.2	67.3
19 4 31	29.845	79.2	79.1
20 5 56	29.83	81.8	82.0
20 23	29.67	70.2	68.7
20 51	......	....	68.1
21 9	29.66	69.5	68.0
21 25	29.66	69.2	68.0
21 4 44	29.695	76.9	76.0
22 6 5	29.72	78.3	77.0
14 7	29.825	69.6	68.8
14 48	29.845	69.2	68.0
15 15	......	....	68.0

Micrometer bisections are made at II, VI, except as noted below.

2, 9. Bisections at II, VII.
11, 32. Bisections at I, II, VI, VII.
12, 33. Bisections at I, II.
13, 34, 47. Bisections at VI, VII.
24. Bisections at b_3, b_7.
25. Bisections at III, V.
27. Bisections at b_2, b_8.
31. Bisections at III, IV, V.
35. Bisections at II, III, IV, V, VI.

Notes.

15–23, 27. Clouds.
22–31. Conditions poor; images diffuse and unsteady.
36–47. Images poor and very unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 2.7	.. ....	− 0.2	+ 2.5
12	+ 2.3	+15 45.5	...	+15 47.8
13	+ 2.2	−15 45.6	...	−15 43.4
32	+ 2.5	.. ....	− 0.2	+ 2.3
33	+ 2.3	+15 45.4	...	+15 47.7
34	+ 2.2	−15 45.4	...	−15 43.2
35	+43 26.3	−15 52.3	...	+27 34.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −20°4309	9	37 50.14	− 0.20	− 2.59	300 13 52.70	44.815	+ 9.19	−1 35.3	15 37 47.35	− 2.82	−20 48 41.3	+ 1.3
2	B. D. −22°4020	9	40 9.64	− 0.21	− 2.59	298 35 52.80	43.990	+ 9.19	−1 41.8	15 40 6.84	− 2.87	−22 27 6.6	+ 1.4
3	B. D. −21°4197	9	44 25.18	− 0.20	− 2.59	299 49 51.40	47.180	+ 9.17	−1 36.8	15 44 22.39	− 2.85	−21 11 50.1	+ 0.8
4	λ Libræ	9	47 51.19	− 0.19	− 2.59	301 9 52.12	44.375	+ 9.17	−1 31.9	15 47 48.41	....	−19 52 48.5	....
5	B. D. −22°4046	9	49 6.97	− 0.21	− 2.59	298 33 51.92	44.538	+ 9.16	−1 42.0	15 49 4.17	− 2.90	−22 28 55.2	+ 0.7
6	B. D. −15°4221	9	51 44.40	− 0.16	− 2.59	305 15 51.85	47.865	+ 9.15	−1 18.6	15 51 41.65	− 2.74	−15 45 15.9	− 0.8
7	C. P. D. −23°6292	9	53 54.14	− 0.22	− 2.59	297 7 53.08	43.860	+ 9.14	−1 48.3	15 53 51.33	− 2.95	−23 55 15.8	+ 0.5
8	C. P. D. −25°5726	9	57 38.25	− 0.23	− 2.59	295 27 52.35	42.665	+ 9.13	−1 56.5	15 57 35.43	− 3.00	−25 35 52.1	+ 0.5
9	B. D. −15°4243	9	0 46.33	− 0.16	− 2.59	305 49 52.20	44.628	+ 9.12	−1 17.1	16 0 43.58	− 2.76	−15 12 28.0	− 1.6
10	B. D. −17°4494	9	2 40.69	− 0.18	− 2.59	303 3 51.80	43.702	+ 9.12	−1 25.5	16 2 37.92	− 2.83	−17 58 57.9	− 1.3
11	c¹ Scorpii	9	6 29.18	− 0.24	− 2.60	293 21 51.45	46.388	+ 9.11	−2 8.3	16 6 26.34	− 3.09	−27 40 39.7	0.0
12	B. D. −20°4444	9	8 55.81	− 0.19	− 2.60	300 9 51.92	47.290	+ 9.10	−1 35.6	16 8 53.02	− 2.91	−20 51 45.9	− 1.3
13	B. D. −20°4454	9	11 24.98	− 0.20	− 2.60	299 57 53.20	47.018	+ 9.09	−1 36.4	16 11 22.18	− 2.92	−21 3 51.7	− 1.4
14	C. P. D. −23°6363	9	14 57.31	− 0.22	− 2.60	297 5 52.65	46.530	+ 9.08	−1 48.6	16 14 54.49	− 3.01	−23 56 15.6	− 1.3
15	B. D. −19°4365	9	18 34.66	− 0.18	− 2.60	301 13 51.55	44.640	+ 9.07	−1 31.8	16 18 31.88	− 2.91	−19 48 43.1	− 2.2
16	B. D. −21°4360	9	21 38.08	− 0.20	− 2.60	299 7 52.10	46.670	+ 9.06	−1 39.8	16 21 35.28	− 2.97	−21 54 4.2	− 2.1
17	C. P. D. −24°5703	9	24 28.28	− 0.22	− 2.60	296 7 52.80	46.855	+ 9.05	−1 53.3	16 24 25.46	− 3.05	−24 54 12.7	− 2.0
18	C. P. D. −24°5706	9	28 8.87	− 0.21	− 2.60	296 57 52.28	44.165	+ 9.04	−1 49.4	16 28 6.06	− 3.04	−24 5 10.8	− 2.4
19	B. D. −21°4391	9	32 1.22	− 0.20	− 2.60	299 11 51.78	42.605	+ 9.03	−1 39.7	16 31 58.42	− 2.99	−21 51 37.3	− 3.0
20	B. D. −20°4537	9	35 0.61	− 0.18	− 2.60	300 47 51.55	48.605	+ 9.02	−1 33.4	16 34 57.83	− 2.95	−20 13 14.1	− 3.4
21	B. D. −22°4196	9	38 0.22	− 0.20	− 2.60	298 29 52.35	43.752	+ 9.01	−1 42.6	16 37 57.42	− 3.02	−22 33 13.5	− 3.4
22	C. P. D. −25°5855	9	41 4.49	− 0.22	− 2.60	295 41 51.60	44.408	+ 9.00	−1 55.6	16 41 1.67	− 3.10	−25 21 12.2	− 3.3
23	B. D. −18°4332	9	44 17.76	− 0.17	− 2.60	302 55 52.05	47.575	+ 8.99	−1 26.1	16 44 14.99	− 2.92	−18 5 29.9	− 4.4
24	B. D. −17°4646	9	48 28.06	− 0.17	− 2.60	303 11 51.15	48.938	+ 8.98	−1 25.2	16 48 25.29	− 2.92	−17 48 58.8	− 4.8
25	C. P. D. −26°5766	9	51 6.59	− 0.23	− 2.60	294 13 50.88	48.140	+ 8.97	−2 3.5	16 51 3.76	− 3.15	−26 47 55.6	− 4.0
26	B. D. −18°4372	9	54 14.59	− 0.17	− 2.60	302 55 52.50	46.590	+ 8.96	−1 26.2	16 54 11.82	− 2.93	−18 5 52.1	− 5.2
27	C. P. D. −26°5801	9	57 12.13	− 0.23	− 2.60	294 5 52.08	43.975	+ 8.95	−2 4.5	16 57 9.30	− 3.16	−26 57 30.6	− 4.5
28	B. D. −20°4627	9	59 9.81	− 0.18	− 2.60	300 39 51.78	47.925	+ 8.95	−1 34.1	16 59 7.03	− 2.99	−20 21 30.2	− 5.3
29	η Ophiuchi	9	4 57.96	− 0.15	− **2.62**	305 25 52.12	45.255	+ 8.93	−1 18.6	17 4 55.21	....	−15 36 15.7	....
30	B. D. −20°4661	9	5 46.28	− 0.18	− 2.60	300 43 51.45	46.075	+ 8.93	−1 33.9	17 5 43.50	− 2.99	−20 18 12.4	− 5.8
31	C. P. D. −25°5980	9	10 39.17	− 0.22	− 2.60	295 49 51.55	48.182	+ 8.91	−1 55.1	17 10 36.35	− 3.12	−25 11 45.6	− 5.8
32	B. D. −16°4470	9	12 53.09	− 0.15	− 2.60	304 49 52.25	44.895	+ 8.91	−1 20.4	17 12 50.34	− 2.91	−16 12 25.3	− 6.7
33	C. P. D. −24°5873	9	15 54.13	− 0.21	− 2.61	296 13 52.20	46.248	+ 8.90	−1 53.2	17 15 51.31	− 3.11	−24 48 27.3	− 6.3
34	B. D. −15°4534	9	18 10.42	− 0.15	− 2.61	305 5 52.92	44.125	+ 8.89	−1 19.7	17 18 7.66	− 2.91	−15 56 41.6	− 7.0
35	d Ophiuchi	9	21 19.52	− 0.25	− 2.61	291 15 52.35	46.865	+ 8.88	−2 22.9	17 21 16.66	....	−29 46 42.7	....
36	C. P. D. −26°5906	9	25 52.57	− 0.22	− 2.61	294 49 50.45	48.720	+ 8.87	−2 0.5	17 25 49.74	− 3.15	−26 11 39.8	− 7.0
37	ξ Serpentis	9	32 11.01	− 0.14	− **2.63**	305 41 53.02	45.460	+ 8.85	−1 18.0	17 32 8.26	....	−15 20 9.3	....
38	Uranus C, C	9	50 32.46	− 0.20	− 2.61	297 23 52.30	47.040	+ 8.81	−1 47.9	17 50 29.65	....	−23 38 3.8	....
39	C. P. D. −28°6498	9	11 24.69	− 0.23	− 2.61	292 43 51.08	45.850	+ 8.81	−2 13.3	18 11 21.85	− 3.16	−28 18 57.7	−10.6
40	C. P. D. −26°6467	9	22 12.71	− 0.22	− 2.62	294 13 51.88	46.088	+ 8.81	−2 4.3	18 22 9.87	− 3.10	−26 48 42.4	−11.4
41	C. P. D. −28°6576	9	24 31.85	− 0.24	− 2.62	292 11 52.55	44.940	+ 8.81	−2 17.0	18 24 28.99	− 3.15	−28 51 20.7	−11.6
42	3 H. Scuti	9	30 4.45	− 0.10	− **2.59**	312 41 53.35	49.085	+ 8.81	−1 0.9	18 30 1.73	....	− 8 18 29.1	....
43	C. P. D. −26°6527	9	35 13.28	− 0.22	− 2.62	294 11 51.85	49.040	+ 8.81	−2 4.4	18 35 10.44	− 3.08	−26 49 35.3	−12.3
44	4 H. Scuti	9	37 6.59	− 0.10	− **2.61**	311 53 51.75	43.975	+ 8.81	−1 2.7	18 37 3.87	....	− 9 8 29.5	....
45	B. D. −19°5142	9	38 35.12	− 0.17	− 2.62	301 37 52.55	44.780	+ 8.81	−1 31.2	18 38 32.33	− 2.92	−19 24 38.6	−12.2
46	C. P. D. −29°5710	9	40 46.59	− 0.24	− 2.62	291 19 52.20	44.212	+ 8.81	−2 23.1	18 40 43.73	− 3.13	−29 43 43.8	−12.9
47	B. D. −20°5277	9	44 4.06	− 0.17	− 2.62	300 35 52.35	47.105	+ 8.81	−1 34.9	18 44 1.27	− 2.92	−20 25 49.3	−12.6
48	C. P. D. −27°6550	8	47 12.36	− 0.23	− 2.62	293 9 52.22	47.775	+ 8.81	−2 10.7	18 47 9.51	− 3.07	−27 52 9.9	−13.2
49	C. P. D. −23°7307	9	50 17.69	− 0.20	− 2.62	297 45 52.20	43.075	+ 8.81	−1 46.6	18 50 14.87	− 2.96	−23 17 33.3	−13.2
50	B. D. −18°5155	9	53 55.38	− 0.16	− 2.62	302 19 52.30	47.460	+ 8.81	−1 28.8	18 53 52.60	− 2.87	−18 41 35.2	−13.0
51	C. P. D. −25°6667	9	56 40.94	− 0.21	− 2.62	296 3 53.70	45.988	+ 8.81	−1 54.7	18 56 38.11	− 2.98	−24 58 33.3	−13.7
52	B. D. −21°5237	9	59 1.58	− 0.18	− 2.62	299 9 52.12	45.022	+ 8.81	−1 40.6	18 58 58.78	− 2.91	−21 52 42.9	−13.6
53	B. D. −17°5478	9	1 50.64	− 0.15	− 2.62	303 37 53.10	48.320	+ 8.81	−1 24.5	19 1 47.87	− 2.83	−17 23 10.4	−13.4
54	B. D. −20°5415	9	4 14.06	− 0.17	− 2.62	301 3 52.22	48.950	+ 8.81	−1 33.2	19 4 11.27	− 2.86	−19 57 5.6	−13.7
55	ψ Sagittarii	9	9 45.08	− 0.21	− 2.62	295 37 53.00	44.690	+ 8.81	−1 57.0	19 9 42.25	....	−25 25 5.9	....
56	d Sagittarii	9	12 6.72	− 0.16	− **2.60**	301 53 52.40	48.525	+ 8.81	−1 30.3	19 12 3.94	....	−19 7 12.5	....
57	C. P. D. −23°7434	9	13 34.96	− 0.20	− 2.62	297 17 52.82	48.010	+ 8.81	−1 48.8	19 13 32.14	− 2.90	−23 43 42.1	−14.6
58	B. D. −19°5412	9	16 5.20	− 0.17	− 2.62	301 37 52.12	44.880	+ 8.81	−1 31.4	19 16 2.41	− 2.82	−19 24 36.9	−14.3
59	C. P. D. −24°6722	9	19 38.18	− 0.20	− 2.62	296 27 51.95	42.838	+ 8.81	−1 52.9	19 19 35.36	− 2.89	−24 35 45.1	−15.0
60	B. D. −20°5561	9	22 31.31	− 0.18	− 2.62	300 19 52.22	45.810	+ 8.81	−1 36.1	19 22 28.51	− 2.82	−20 42 20.2	−14.7
61	C. P. D. −25°6824	9	25 29.72	− 0.21	− 2.62	295 5 52.35	47.872	+ 8.81	−1 59.8	19 25 26.89	− 2.90	−25 55 56.7	−15.4
62	C. P. D. −23°7530	9	29 58.19	− 0.20	− 2.62	297 31 52.52	44.825	+ 8.81	−1 47.9	19 29 55.37	− 2.84	−23 30 54.2	−15.4
63	B. D. −14°5479	9	32 15.33	− 0.13	− 2.63	306 31 52.60	44.390	+ 8.81	−1 16.1	19 32 12.57	− 2.70	−14 30 32.3	−14.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 15 41	29.880	68.5	67.4
16 12	......	....	66.7
16 39	29.90	67.3	66.0
17 8	......	....	65.0
17 33	29.92	66.0	64.2
17 52	......	....	63.8
18 25	29.925	65.0	63.2
18 54	......	....	62.6
19 17	29.93	63.9	62.0

Micrometer bisections are made at II, VI, except as noted below.

4, 37, 59. Bisections at II, VII.
29, 43, 44, 56. Bisections at I, II.
30. Bisections at VI, VII.
38. Bisections at I, II, VI, VII.

Note.

1–11. Conditions poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
38	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −15°5420	9	34 30.65	− 0.14	− 2.63	305 37 52.90	48.662	+ 8.81	−1 18.6	19 34 27.88	− 2.71	−15 22 56.9	−14.6
2	B. D. −19°5561	9	37 42.16	− 0.17	− 2.63	301 41 53.62	46.235	+ 8.81	−1 31.2	19 37 39.36	− 2.74	−19 20 4.3	−15.3
3	B. D. −17°5746	9	41 43.63	− 0.15	− 2.63	303 43 51.92	44.808	+ 8.81	−1 24.4	19 41 40.85	− 2.70	−17 18 31.7	−15.2
4	C. P. D. −27°6855	9	45 20.98	− 0.23	− 2.63	293 19 50.48	46.562	+ 8.81	−2 10.1	19 45 18.12	− 2.84	−27 42 38.8	−16.8
5	B. D. −18°5520	9	47 57.07	− 0.16	− 2.63	302 53 51.62	43.330	+ 8.81	−1 27.2	19 47 54.28	− 2.69	−18 9 8.9	−15.5
6	B. D. −19°5650	9	49 54.08	− 0.17	− 2.63	301 29 52.68	45.372	+ 8.81	−1 32.0	19 49 51.28	− 2.70	−19 32 25.7	−15.8
7	*g* Sagittarii	9	52 35.84	− 0.14	− 2.63	305 17 53.02	44.620	+ 8.81	−1 19.7	19 52 33.07	− 2.65	−15 44 30.5	−15.4
8	B. D. −18°5553	9	53 36.57	− 0.16	− 2.63	302 49 52.15	44.052	+ 8.81	−1 27.4	19 53 33.78	− 2.67	−18 12 51.8	−15.8
9	C. P. D. −23°7632	9	55 47.18	− 0.19	− 2.63	298 1 53.70	47.585	+ 8.81	−1 45.6	19 55 44.36	− 2.72	−22 59 47.7	−16.6
10	B. D. −15°5541	9	58 12.69	− 0.14	− 2.63	305 21 52.98	44.210	+ 8.81	−1 19.5	19 58 9.92	− 2.62	−15 40 39.7	−15.5
11	B. D. −21°5609	9	59 24.71	− 0.18	− 2.63	299 27 53.12	44.705	+ 8.81	−1 39.7	19 59 21.90	− 2.68	−21 34 48.2	−16.5
12	B. D. −19°5721	9	2 45.69	− 0.16	− 2.63	301 57 52.68	44.765	+ 8.81	−1 30.3	20 2 42.90	− 2.64	−19 4 37.9	−16.2
13	B. D. −22°5354	9	5 50.98	− 0.19	− 2.63	298 47 52.95	47.370	+ 8.81	−1 42.4	20 5 48.16	− 2.66	−22 13 50.1	−16.9
14	B. D. −19°5753	9	9 15.29	− 0.17	− 2.63	301 31 51.65	47.565	+ 8.81	−1 31.8	20 9 12.49	− 2.62	−19 29 36.4	−16.5
15	B. D. −12°5680	9	11 9.23	− 0.12	− 2.63	308 23 52.75	46.622	+ 8.81	−1 11.2	20 11 6.48	− 2.54	−12 37 36.3	−15.4
16	B. D. −21°5684	9	13 55.13	− 0.18	− 2.63	299 47 53.30	44.745	+ 8.81	−1 38.4	20 13 52.32	− 2.61	−21 14 45.8	−17.0
17	C. P. D. −23°7723	9	15 54.22	− 0.20	− 2.63	297 15 52.95	45.820	+ 8.81	−1 49.2	20 15 51.39	− 2.63	−23 46 32.4	−17.5
18	C. P. D. −25°7071	9	20 36.74	− 0.21	− 2.63	295 47 52.72	44.175	+ 8.81	−1 56.5	20 20 33.90	− 2.62	−25 15 17.5	−18.0
19	B. D. −16°5609	8	23 24.39	− 0.14	− 2.63	304 59 52.32	42.650	+ 8.81	−1 20.7	20 23 21.62	− 2.52	−16 3 17.2	−16.3
20	B. D. −19°5831	9	24 29.08	− 0.16	− 2.63	302 7 54.40	46.910	+ 8.81	−1 29.8	20 24 26.29	− 2.54	−18 53 46.7	−16.9
21	B. D. −22°5484	9	32 12.10	− 0.19	− 2.63	298 15 53.90	46.080	+ 8.81	−1 44.8	20 32 9.28	− 2.53	−22 46 21.1	−17.9
22	C. P. D. −24°7050	9	34 34.44	− 0.20	− 2.63	296 55 51.45	44.285	+ 8.81	−1 51.0	20 34 31.61	− 2.53	−24 7 10.7	−18.2
23	B. D. −19°5905	9	38 30.73	− 0.17	− 2.63	301 21 52.00	43.908	+ 8.81	−1 32.6	20 38 27.93	− 2.47	−19 41 0.5	−17.5
24	B. D. −17°6081	9	41 14.58	− 0.15	− 2.64	303 31 51.95	45.185	+ 8.81	−1 25.3	20 41 11.79	− 2.44	−17 30 24.3	−17.1
25	ε Aquarii	9	42 34.02	− 0.11	− **2.67**	311 11 53.30	43.762	+ 8.81	−1 4.7	20 42 31.27	.....	− 9 50 34.6	....
26	μ Aquarii	9	47 33.77	− 0.10	− **2.66**	311 41 52.00	44.335	+ 8.81	−1 3.6	20 47 31.03	.....	− 9 20 21.7	....
	June 22, R.												
27	Mercury C, C.	8	51 42.54	+ 0.03	− 2.76	342 13 55.28	44.128	+ 7.92	− 17.9	4 51 39.81	− 0.05	+21 12 21.5	....
	June 23, R.												
28	Sun I, N.	9	6 34.46	+ 0.03	− 2.77	344 43 56.32	42.962	+ 7.64	− 15.2	6 6 31.72	+68.94	+23 41 58.1	....
29	Sun II, S.	8	8 52.34	+ 0.03	− 2.77	344 11 58.00	44.108	+ 7.64	− 15.7	6 8 49.60	−68.94	+23 10 26.0	....
	June 23, Ei.-Y.												
30	Moon I, N.	9	59 11.43	− 0.22	− 2.80	307 41 54.85	48.396	+ 8.26	−1 12.4	14 59 8.41	+67.07	−13 18 55.4	....
31	32 Libræ	9	22 56.14	− 0.23	− **2.79**	304 37 54.48	48.792	+ 8.26	−1 21.1	15 22 53.11	.....	−16 22 55.4	....
32	B. D. −19°4128	9	26 17.71	− 0.25	− 2.80	301 11 53.02	45.952	+ 8.26	−1 32.5	15 26 14.66	− 2.75	−19 50 13.4	+ 1.9
33	B. D. −22°3975	9	27 42.67	− 0.28	− 2.80	297 53 53.22	45.875	+ 8.26	−1 45.7	15 27 39.59	− 2.84	−23 8 27.9	+ 2.5
34	γ Libræ	9	30 14.93	− 0.22	− **2.76**	306 33 53.05	45.360	+ 8.26	−1 15.7	15 30 11.91	.....	−14 28 9.9	....
35	B. D. −14°4250	9	33 13.49	− 0.22	− 2.80	306 49 52.32	45.800	+ 8.26	−1 15.0	15 33 10.47	− 2.65	−14 11 59.9	+ 0.2
36	B. D. −18°4136	9	37 13.81	− 0.24	− 2.80	302 43 53.15	46.320	+ 8.26	−1 27.3	15 37 10.77	− 2.75	−18 17 59.4	+ 0.8
37	C. P. D. −24°5555	9	40 12.84	− 0.29	− 2.80	296 37 53.35	45.038	+ 8.26	−1 51.7	15 40 9.75	− 2.92	−24 24 52.9	+ 1.7
38	B. D. −17°4431	9	44 28.48	− 0.24	− 2.80	303 25 53.45	44.828	+ 8.26	−1 25.1	15 44 25.44	− 2.76	−17 36 31.0	0.0
39	C. P. D. −24°5582	9	47 56.83	− 0.29	− 2.80	295 59 52.75	46.288	+ 8.26	−1 54.9	15 47 53.74	− 2.96	−25 2 28.1	+ 1.2
40	B. D. −18°4195	9	49 33.22	− 0.25	− 2.80	301 55 52.45	46.532	+ 8.26	−1 30,1	15 49 30.17	− 2.81	−19 5 58.1	− 0.1
41	B. D. −20°4364	9	52 9.61	− 0.26	− 2.80	300 19 52.75	45.925	+ 8.26	−1 35.9	15 52 6.55	− 2.86	−20 42 17.4	0.0
42	δ Scorpii	9	54 45.29	− 0.27	− 2.80	298 41 53.05	44.570	+ 8.26	−1 42.5	15 54 42.22	.....	−22 20 54.7	....
43	C. P. D. −24°5639	9	58 14.72	− 0.29	− 2.80	296 33 54.15	48.215	+ 8.26	−1 52.1	15 58 11.63	− 2.98	−24 27 39.9	+ 0.2
44	B. D. −20°4405	9	1 17.31	− 0.26	− 2.80	300 37 53.45	45.190	+ 8.26	−1 34.8	16 1 14.25	− 2.88	−20 24 32.4	− 0.8
45	ν Scorpii (*mean*)	9	6 30.76	− 0.25	− **2.82**	301 49 51.58	44.760	+ 8.26	−1 30.5	16 6 27.70	.....	−19 12 39.8	....
46	δ Ophiuchi	9	9 24.42	− 0.16	− **2.84**	317 33 54.45	47.955	+ 8.26	− 51.5	16 9 21.45	.....	− 3 26 45.3	....
47	B. D. −19°4547	8	4 41.94	− 0.25	− 2.81	301 41 53.25	49.675	+ 8.26	−1 31.0	17 4 38.88	− 2.98	−19 18 46.4	− 5.9
48	B. D. −21°4544	9	7 0.94	− 0.26	− 2.81	299 34 6.55	42.865	+ 8.26	−1 39.2	17 6 57.87	− 3.03	−21 29 16.9	− 5.8
49	C. P. D. −27°5608	9	11 58.73	− 0.31	− 2.81	293 23 52.62	43.280	+ 8.26	−2 9.7	17 11 55.61	− 3.20	−27 39 51.8	− 5.7
50	B. D. −18°4586	9	31 29.48	− 0.25	− 2.82	302 5 51.62	47.288	+ 8.26	−1 29.8	17 31 26.41	− 2.98	−18 55 41.3	− 7.8
51	C. P. D. −29°4825	9	33 19.48	− 0.33	− 2.82	291 35 53.10	42.368	+ 8.26	−2 21.7	17 33 16.33	− 3.25	−29 28 24.2	− 8.4
52	C. P. D. −30°4874	9	37 27.16	− 0.33	− 2.82	290 55 52.20	44.382	+ 8.26	−2 26.5	17 37 24.01	− 3.27	−30 7 43.8	− 7.8
53	C. P. D. −25°6071	9	40 52.50	− 0.30	− 2.82	295 19 51.65	45.448	+ 8.26	−1 58.8	17 40 49.38	− 3.14	−25 42 52.5	− 8.2
54	*X* Sagittarii	9	41 37.37	− 0.31	− 2.82	293 15 53.42	44.142	+ 8.26	−2 10.6	17 41 34.24	− 3.20	−27 47 32.1	− 8.2
55	C. P. D. −26°6002	9	44 12.01	− 0.30	− 2.82	294 15 52.65	46.110	+ 8.26	−2 4.6	17 44 8.89	− 3.17	−26 46 42.0	− 8.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 19 39	......	....	61.4
20 4	29.94	63.0	61.2
20 31	......	....	60.7
20 49	29.945	62.0	59.9
4 50	30.12	73.2	70.0
23 6 9	30.12	74.0	71.7
15 2	30.12	69.1	67.9
15 20	30.12	68.7	67.3
15 51	......	....	66.0
16 14	30.12	66.5	65.8
17 2	30.13	66.4	65.2
17 30	......	....	64.8

Micrometer bisections are made at II, VI, except as noted below.

1, 13, 38, 41, 54.	Bisections at II, VII.
5.	Bisection at II.
7, 10, 19, 24, 28, 32, 46, 53.	Bisections at I, II.
27.	Bisections at I, II, VI, VII.
29.	Bisections at VI, VII.
30.	Bisections at II, III, IV, V, VI.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
27	+ 2.4	.. ....	− 0.1	+ 2.3
28	+ 2.2	−15 46.0	...	−15 43.8
29	+ 2.3	+15 46.0	...	+15 48.3
30	+45 24.7	−15 44.5	...	+29 40.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−21°4760	9	46 11.23	− 0.26	− 2.82	299 59 53.40	47.212	+ 8.26	−1 37.6	17 46 8.15	− 3.03	−21 1 49.1	− 8.8
2	C. P. D.−26°6092	9	50 31.04	− 0.30	− 2.82	294 17 53.58	44.750	+ 8.26	−2 4.5	17 50 27.92	− 3.16	−26 45 12.0	− 9.0
3	ν Ophiuchi	9	53 50.32	− 0.19	**− 2.81**	311 15 53.12	46.432	+ 8.26	−1 4.4	17 53 47.31	.....	− 9 45 34.0	....
4	C. P. D.−24°6126	9	57 4.29	− 0.29	− 2.82	296 45 53.12	45.430	+ 8.26	−1 51.7	17 57 1.18	− 3.09	−24 16 44.2	− 9.6
5	C. P. D.−24°6201	9	59 23.39	− 0.29	− 2.82	296 37 53.82	47.248	+ 8.26	−1 52.3	17 59 20.28	− 3.09	−24 24 2.5	− 9.7
6	B. D.−16°5083	9	50 18.42	− 0.22	− 2.83	304 33 53.12	46.035	+ 8.04	−1 22.1	18 50 15.37	− 2.86	−16 28 1.0	−12.8
7	C. P. D.−28°6740	9	54 4.67	− 0.31	− 2.83	292 51 53.08	46.510	+ 8.04	−2 13.5	18 54 1.53	− 3.07	−28 10 41.5	−13.7
8	B. D.−21°5233	9	58 41.73	− 0.25	− 2.83	299 21 52.82	46.660	+ 8.04	−1 40.4	18 58 38.65	− 2.92	−21 40 5.3	−13.6
9	λ Aquilæ	9	1 14.97	− 0.15	**− 2.83**	315 59 54.20	46.440	+ 8.04	− 54.7	19 1 11.99	.....	− 5 1 23.3	....
10	C. P. D.−25°6700	9	3 0.06	− 0.28	− 2.83	295 49 52.70	43.348	+ 8.04	−1 56.6	19 2 56.95	− 2.98	−25 13 37.3	−14.1
11	C. P. D.−26°6685	9	7 25.06	− 0.29	− 2.83	294 57 53.48	48.200	+ 8.04	−2 1.1	19 7 21.94	− 2.98	−26 3 50.1	−14.5
12	B. D.−16°5220	9	10 1.46	− 0.21	− 2.83	304 45 52.80	46.948	+ 8.04	−1 21.5	19 9 58.42	− 2.81	−16 15 39.9	−13.8
13	*d* Sagittarii	9	12 6.99	− 0.23	**− 2.78**	301 53 52.60	48.582	+ 8.04	−1 30.8	19 12 3.93	.....	−19 7 11.9	....
14	C. P. D.−24°6689	9	14 57.32	− 0.27	− 2.83	296 39 53.85	45.208	+ 8.04	−1 52.4	19 14 54.22	− 2.92	−24 22 49.4	−14.8
15	B. D.−20°5516	9	17 5.48	− 0.24	− 2.83	300 13 53.55	43.802	+ 8.04	−1 37.0	19 17 2.41	− 2.86	−20 49 6.5	−14.6
16	B. D.−15°5348	9	20 49.22	− 0.20	− 2.83	305 47 53.55	44.932	+ 8.04	−1 18.5	19 20 46.19	− 2.76	−15 14 22.2	−14.2
17	C. P. D.−27°6772	9	24 2.04	− 0.29	− 2.83	293 51 53.38	46.240	+ 8.04	−2 7.4	19 23 58.92	− 2.94	−27 10 41.3	−15.6
18	B. D.−19°5492	9	26 11.26	− 0.23	− 2.83	301 25 52.90	49.038	+ 8.04	−1 32.5	19 26 8.20	− 2.81	−19 35 3.0	−14.9
19	C. P. D.−24°6764	9	30 17.98	− 0.27	− 2.83	296 7 54.10	43.520	+ 8.04	−1 55.1	19 30 14.88	− 2.88	−24 55 30.5	−15.7
20	κ Aquilæ	9	31 49.34	− 0.15	**− 2.86**	313 47 54.32	44.430	+ 8.04	− 59.1	19 31 46.35	.....	− 7 14 13.5	....
21	B. D.−17°5699 (*pr.*)	9	33 47.08	− 0.21	− 2.84	303 53 54.42	47.580	+ 8.04	−1 24.2	19 33 44.03	− 2.75	−17 7 26.5	−14.9
22	C. P. D.−26°6817	9	36 36.21	− 0.28	− 2.84	294 21 52.90	48.345	+ 8.04	−2 4.5	19 36 33.09	− 2.88	−26 39 50.8	−16.2
23	B. D.−15°5444	9	38 10.86	− 0.20	− 2.84	305 19 53.55	47.772	+ 8.04	−1 19.9	19 38 7.82	− 2.72	−15 41 18.7	−14.9
24	C. P. D.−27°6835	9	40 30.29	− 0.29	− 2.84	293 31 52.78	48.940	+ 8.04	−2 9.3	19 40 27.16	− 2.88	−27 29 42.1	−16.5
25	C. P. D.−29°6176	9	43 18.23	− 0.30	− 2.84	292 1 53.00	45.355	+ 8.04	−2 19.2	19 43 15.09	− 2.89	−29 1 13.7	−16.9
26	C. P. D.−25°6917	9	45 31.98	− 0.27	− 2.84	295 53 52.88	46.912	+ 8.04	−1 56.3	19 45 28.87	− 2.81	−25 8 15.6	−16.5
27	B. D.−19°5631	9	46 43.10	− 0.22	− 2.84	301 45 52.05	43.738	+ 8.04	−1 31.5	19 46 40.04	− 2.73	−19 17 3.9	−15.8
28	B. D.−21°5574	9	49 57.61	− 0.24	− 2.84	299 17 53.60	43.592	+ 8.04	−1 40.9	19 49 54.53	− 2.75	−21 45 15.1	−16.2
29	B. D.−22°5296	9	53 58.70	− 0.25	− 2.84	298 33 52.92	46.985	+ 8.04	−1 43.8	19 53 55.61	− 2.74	−22 28 1.1	−16.5
30	*c* Sagittarii	9	56 51.33	− 0.29	− 2.84	293 5 52.50	42.185	+ 8.04	−2 12.4	19 56 48.20	.....	−27 58 19.9	....
31	B. D.−13°5569	9	0 11.81	− 0.18	− 2.84	308 5 53.55	45.812	+ 8.04	−1 12.3	20 0 8.79	− 2.61	−12 55 55.9	−15.3
32	B. D.−21°5629	9	4 2.67	− 0.23	− 2.84	300 9 53.30	46.588	+ 8.04	−1 37.4	20 3 59.60	− 2.67	−20 52 3.4	−16.7
33	B. D.−13°5608	9	7 10.68	− 0.18	− 2.84	308 7 53.45	46.510	+ 8.04	−1 12.2	20 7 7.66	− 2.58	−12 53 39.9	−15.5
34	B. D.−13°5619	9	9 51.69	− 0.18	− 2.84	307 21 52.68	45.145	+ 8.04	−1 14.3	20 9 48.67	− 2.58	−13 40 14.0	−15.6
35	B. D.−18°5637	9	11 34.83	− 0.22	− 2.84	302 19 52.40	42.890	+ 8.04	−1 29.6	20 11 31.77	− 2.62	−18 43 21.1	−16.6
36	B. D.−17°5936	9	14 19.97	− 0.21	− 2.84	303 15 53.22	43.532	+ 8.04	−1 26.4	20 14 16.92	− 2.60	−17 47 2.4	−16.5
37	β Capricorni	9	15 42.78	− 0.19	**− 2.85**	305 57 53.80	43.755	+ 8.04	−1 18.1	20 15 39.75	.....	−15 4 48.4	....
38	B. D.−22°5419	9	18 49.20	− 0.24	− 2.84	298 41 52.88	43.798	+ 8.04	−1 43.4	20 18 46.12	− 2.62	−22 21 13.6	−17.5
39	π Capricorni	8	21 55.28	− 0.21	**− 2.85**	302 31 52.60	42.952	+ 8.04	−1 28.9	20 21 52.23	.....	−18 31 18.8	....
40	B. D.−17°5992	9	23 36.82	− 0.20	− 2.84	303 17 53.95	43.988	+ 8.04	−1 26.3	20 23 33.78	− 2.55	−17 44 51.1	−16.8
41	B. D.−17°6014	9	27 11.05	− 0.20	− 2.84	304 5 53.80	46.750	+ 8.04	−1 23.7	20 27 8.01	− 2.53	−16 55 45.5	−16.7
42	B. D.−17°6027	9	30 11.96	− 0.20	− 2.84	304 11 53.15	43.365	+ 8.04	−1 23.5	20 30 8.92	− 2.52	−16 51 3.4	−16.8
43	C. P. D.−24°7037	9	32 29.81	− 0.25	− 2.84	296 27 52.10	48.858	+ 8.04	−1 53.5	20 32 26.72	− 2.57	−24 33 28.9	−18.3
44	B. D.−14°5815	9	35 59.26	− 0.18	− 2.84	307 11 53.48	45.290	+ 8.04	−1 14.8	20 35 56.24	− 2.47	−13 50 10.4	−16.3
45	B. D.−16°5690	9	39 57.12	− 0.19	− 2.84	304 53 54.82	44.675	+ 8.04	−1 21.3	20 39 54.09	− 2.46	−16 8 29.6	−16.9
46	B. D.−13°5791	9	50 28.33	− 0.17	− 2.85	307 47 53.05	46.380	+ 8.04	−1 13.2	20 50 25.31	− 2.40	−13 13 44.3	−16.4
47	B. D.−20°6090	9	53 59.97	− 0.22	− 2.85	300 13 52.60	45.038	+ 8.04	−1 37.2	20 53 56.90	− 2.42	−20 48 39.4	−18.2
48	B. D.−14°5908	9	55 56.42	− 0.17	− 2.85	307 7 54.75	45.592	+ 8.04	−1 15.0	20 55 53.40	− 2.37	−13 54 2.4	−16.6
49	B. D.−20°6127	9	1 19.06	− 0.22	− 2.85	300 27 53.45	47.910	+ 8.04	−1 36.2	21 1 15.99	− 2.38	−20 33 31.9	−18.3
50	B. D.−20°6140	9	3 52.78	− 0.22	− 2.85	300 27 53.62	45.178	+ 8.04	−1 36.3	21 3 49.71	− 2.36	−20 34 34.3	−18.3
51	B. D.−10°5619	9	5 38.52	− 0.15	− 2.85	310 25 52.82	46.098	+ 8.04	−1 6.6	21 5 35.52	− 2.32	−10 35 44.4	−16.0
52	B. D.−17°6216	9	9 49.80	− 0.19	− 2.85	303 17 53.25	45.665	+ 8.04	−1 26.4	21 9 46.76	− 2.31	−17 44 13.6	−17.7
53	B. D.−19°6065	9	12 53.02	− 0.20	− 2.85	301 57 53.35	43.702	+ 8.04	−1 30.9	21 12 49.97	− 2.30	−19 5 2.9	−18.1
54	ι Capricorni	9	16 59.52	− 0.19	**− 2.87**	303 47 53.28	45.432	+ 8.04	−1 24.8	21 16 56.48	.....	−17 14 17.2	....
	June 23, Br.												
55	Mercury II, C	9	59 10.68	− 0.01	− 3.05	342 37 54.00	42.801	+ 7.69	− 17.3	4 59 7.62	− 0.21	+21 35 50.3	....
	June 24, Br.												
56	Sun I, N	9	10 44.13	− 0.01	− 3.06	344 41 56.32	45.678	+ 7.74	− 15.0	6 10 41.06	+68.93	+23 41 0.4	....
57	Sun II, S	9	13 1.99	− 0.01	− 3.06	344 9 55.80	46.850	+ 7.74	− 15.6	6 12 58.92	−68.93	+23 9 26.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 18 1	30.130	65.3	63.9
18 48	30.13	64.6	63.0
19 9	....	....	62.8
19 27	30.13	63.8	62.7
19 49	....	....	62.4
20 1	30.13	63.5	62.2
20 21	....	....	62.1
20 37	30.13	63.1	61.8
20 59	....	....	61.7
21 28	30.135	62.5	61.1
4 59	30.17	75.8	76.1
24 6 13	30.15	78.0	78.5

Micrometer bisections are made at II, VI, except as noted below.

13, 20, 29, 32, 41, 54.	Bisections at II, VII.
26, 56.	Bisections at I, II.
55.	Bisections at I, II, VI, VII.
57.	Bisections at VI, VII.

Note.

7, 12–29. Images unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
55	+ 2.3	.. ....	− 0.1	+ 2.2
56	+ 2.2	−15 46.8	...	−15 44.6
57	+ 2.3	+15 46.9	...	+15 49.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	June 24, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	θ Ursæ Minoris	9	34 20.35	+ 0.04	− 3.05	38 39 57.42	46.722	+ 9.56	+ 44.5	15 34 17.34	− 2.38	+77 40 26.9	−15.4
2	β Serpentis	9	41 50.80	− 0.08	− **3.03**	336 43 53.45	47.252	+ 9.56	− 23.8	15 41 47.67	.....	+15 43 26.9	....
3	ε Serpentis	9	46 7.32	− 0.12	− **3.02**	325 47 53.82	44.260	+ 9.56	− 37.6	15 46 4.15	.....	+ 4 46 5.1	....
4	Moon I, N	9	55 7.16	− 0.22	− 3.05	304 53 52.88	41.793	+ 9.56	−1 19.3	15 55 3.89	+67.35	−16 9 32.9	....
5	ν Scorpii (*mean*)	9	6 31.06	− 0.22	− **3.15**	301 49 51.35	44.640	+ 9.56	−1 29.1	16 6 27.79	.....	−19 12 40.1	....
6	ε Ophiuchi	9	13 20.26	− 0.15	− **3.04**	316 33 54.05	46.135	+ 9.56	− 52.5	16 13 17.06	.....	− 4 27 26.7	....
7	σ Serpentis	9	17 18.34	− 0.13	− 3.05	322 17 54.92	42.562	+ 9.56	− 42.9	16 17 15.16	− 2.52	+ 1 15 22.1	− 5.7
8	98 B. Draconis	9	22 24.59	+ 0.01	− 3.05	16 25 56.85	45.932	+ 9.56	+ 16.5	16 22 21.55	− 2.32	+55 25 40.2	−13.3
9	β Herculis	9	26 11.04	− 0.06	− **3.09**	342 41 54.18	48.590	+ 9.56	− 17.2	16 26 7.93	.....	+21 42 4.8	....
10	ζ Ophiuchi	9	31 58.31	− 0.18	− **3.07**	310 39 51.08	44.502	+ 9.56	−1 4.6	16 31 55.07	.....	−10 22 19.1	....
11	24 Scorpii	9	36 7.29	− 0.21	− 3.06	303 27 51.05	47.912	+ 9.56	−1 23.8	16 36 4.02	− 2.90	−17 33 20.3	− 4.0
12	18 Ophiuchi	9	44 0.14	− 0.26	− 3.06	296 35 53.12	41.255	+ 9.56	−1 50.6	16 43 56.82	− 3.08	−24 28 17.2	− 3.7
13	53 Herculis	9	49 25.11	− 0.04	− 3.06	352 53 55.88	42.122	+ 9.56	− 6.9	16 49 22.01	− 2.38	+31 51 48.9	−10.9
14	κ Ophiuchi	9	53 13.14	− 0.10	− **3.07**	330 31 54.60	47.908	+ 9.56	− 31.4	16 53 9.98	.....	+ 9 31 35.4	....
15	60 Herculis	9	1 1.28	− 0.09	− 3.06	333 53 54.55	44.875	+ 9.56	− 27.2	17 0 58.13	− 2.51	+12 52 30.3	− 9.1
16	98 H¹. Herculis	9	4 44.29	− 0.02	− 3.06	1 39 55.82	44.040	+ 9.56	+ 1.7	17 4 41.21	− 2.45	+40 38 41.2	−11.6
17	α Herculis	9	10 21.86	− 0.08	− **3.05**	335 29 53.62	49.138	+ 9.56	− 25.3	17 10 18.72	.....	+14 30 8.6	....
18	e Herculis	9	14 27.17	− 0.03	− 3.06	358 23 56.12	46.880	+ 9.56	− 1.5	17 14 24.08	− 2.47	+37 23 43.3	−11.3
19	ρ Herculis (*fol.*)	9	20 27.83	− 0.03	− 3.06	358 15 55.75	43.038	+ 9.56	− 1.6	17 20 24.74	− 2.49	+37 14 15.0	−11.3
20	Uranus C, C	8	50 11.67	− 0.25	− 3.07	297 23 51.30	47.143	+ 9.56	−1 46.9	17 50 8.35	.....	−23 38 0.6	....
21	δ Ursæ Minoris	9	3 32.06	0.00	− 3.07	47 35 58.05	47.565	+ 9.56	+1 1.2	18 3 28.99	.....	+86 37 3.2	....
22	δ Sagittarii	9	14 57.48	− 0.30	− 3.07	291 11 52.50	43.445	+ 9.56	−2 22.5	18 14 54.11	.....	−29 51 59.6	....
23	109 Herculis	9	19 42.14	− 0.06	− **3.03**	342 43 54.10	47.672	+ 9.56	− 17.3	18 19 39.01	.....	+21 43 43.6	....
24	2 H. Scuti	9	23 49.76	− 0.20	− 3.07	306 23 51.98	47.198	+ 9.56	−1 15.4	18 23 46.49	.....	−14 37 27.3	....
25	23 H. Camelopardalis S. P.	9	29 50.93	+ 0.11	− 3.07	61 19 57.42	43.098	+ 9.56	+1 42.0	6 29 47.97	.....	+79 39 58.1	....
26	4 H. Scuti	9	37 7.09	− 0.17	− **3.01**	311 53 52.28	43.885	+ 9.56	−1 2.1	18 37 3.85	.....	− 9 8 29.5	....
27	110 Herculis	9	41 37.57	− 0.07	− **3.09**	341 27 54.58	46.992	+ 9.56	− 18.7	18 41 34.43	.....	+20 27 27.2	....
28	β Lyræ	9	46 37.98	− 0.04	− 3.07	354 15 55.62	45.810	+ 9.56	− 5.5	18 46 34.87	.....	+33 15 14.3	....
29	51 H. Cephei S. P.	9	55 28.44	+ 0.14	− 3.08	53 47 58.70	44.485	+ 9.56	+1 16.4	6 55 25.50	.....	+87 11 50.3	....
30	ι Lyræ	9	3 58.32	− 0.03	− 3.08	356 57 56.70	45.392	+ 9.56	− 2.9	19 3 55.21	.....	+35 57 8.5	....
31	Mercury C, C	9	6 52.94	− 0.07	− 3.15	342 59 53.58	44.045	+ 9.29	− 16.5	5 6 49.72	− 0.04	+21 58 20.7	....
	June 25, M.												
32	Sun I, N	9	14 53.54	− 0.07	− 3.16	344 39 54.35	47.278	+ 8.84	− 14.7	6 14 50.31	+68.86	+23 39 36.4	....
33	Sun II, S	9	17 11.26	− 0.07	− 3.16	344 7 54.95	48.518	+ 8.84	− 15.2	6 17 8.03	−68.86	+23 8 5.4	....
	June 26, R.												
34	Moon I, N	9	47 38.44	− 0.15	− 3.45	302 3 48.70	47.361	+ 9.82	−1 27.4	17 47 34.84	+67.10	−18 57 38.4	....
35	4 H. Scuti	9	37 7.43	− 0.09	− **3.41**	311 53 48.82	44.002	+ 9.78	−1 1.2	18 37 3.88	.....	− 9 8 29.1	....
36	110 Herculis	9	41 37.97	+ 0.02	− **3.56**	341 27 52.50	47.090	+ 9.77	− 18.4	18 41 34.53	.....	+20 27 27.8	....
37	β Lyræ	9	46 38.22	+ 0.05	− 3.46	354 15 52.85	45.958	+ 9.75	− 5.5	18 46 34.81	.....	+33 15 15.2	....
38	51 H. Cephei S. P.	9	55 28.83	− 0.63	− 3.46	53 47 54.42	44.723	+ 9.73	+1 15.3	6 55 24.74	.....	+87 11 50.0	....
39	μ Aquilæ	9	29 30.16	− 0.03	− **3.46**	328 12	......	....	. ....	19 29 26.67	.....	+ 7 10	....
40	κ Aquilæ	9	31 49.87	− 0.08	− **3.40**	313 48	......	....	. ....	19 31 46.32	.....	− 7 14	....
41	β Sagittæ	9	36 50.35	+ 0.01	− **3.49**	338 15 51.60	47.118	+ 9.61	− 21.9	19 36 46.89	.....	+17 15 24.1	....
42	γ Aquilæ	9	41 47.86	− 0.01	− **3.46**	331 23 50.02	46.370	+ 9.59	− 29.9	19 41 44.38	.....	+10 22 57.2	....
43	β Aquilæ	9	50 41.97	− 0.03	− **3.44**	327 11 49.75	44.680	+ 9.56	− 35.4	19 50 38.47	.....	+ 6 10 12.8	....
44	γ Sagittæ	9	54 35.37	+ 0.01	− **3.48**	340 13 52.15	48.735	+ 9.55	− 19.7	19 54 31.91	.....	+19 14 3.6	....
45	173 B. Camelopardalis S. P.	9	7 30.23	− 0.02	− 3.47	64 55 54.68	45.265	+ 9.51	+1 57.5	8 7 26.74	.....	+76 2 55.4	....
46	γ Cygni	9	18 53.24	+ 0.07	− 3.47	0 57 54.00	45.212	+ 9.48	+ 1.0	20 18 49.84	.....	+39 57 5.5	....
47	ρ Capricorni	8	23 29.42	− 0.14	− **3.47**	302 53 48.52	47.392	+ 9.47	−1 24.7	20 23 25.81	.....	−18 7 35.7	....
48	73 Draconis	9	32 55.51	+ 0.23	− 3.47	35 37 55.28	44.905	+ 9.44	+ 39.6	20 32 52.27	.....	+74 37 37.8	....
49	ε Aquarii	9	42 34.91	− 0.09	− **3.49**	311 11 49.62	43.790	+ 9.41	−1 2.8	20 42 31.35	.....	− 9 50 35.1	....
50	76 Draconis	9	49 46.72	+ 0.38	− 3.48	43 9 54.75	47.055	+ 9.39	+ 51.8	20 49 43.62	.....	+82 10 38.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 15 42	30.04	74.9	73.5
15 55	.....	....	72.9
16 21	30.04	73.8	72.3
16 48	.....	....	71.3
17 40	30.03	71.7	70.4
18 30	.....	....	69.8
19 4	30.01	70.5	69.0
5 7	30.00	84.8	85.9
25 6 17	29.99	87.3	88.4
26 17 50	29.85	75.7	74.2
18 35	29.85	75.5	74.1
19 5	.....	....	74.0
19 35	29.84	75.1	74.1
20 4	.....	....	73.7
20 27	29.84	74.8	73.6
20 56	29.84	74.7	73.4

Micrometer bisections are made at II, VI, except as noted below.

1, 25, 38. Bisections at III, IV, V.
4. Bisections at II, III, IV, V, VI.
20. Bisections at II, VI, VII.
21, 29. Bisections at b_1, b_2, b_5, b_8, b_9.
22, 31. Bisections at I, II, VI, VII.
32. Bisections at I, II.
33, 41. Bisections at VI, VII.
34. Bisections at III, IV, V, VI, VII.

Notes.

38–40, 42, 43, 48. Clouds.
49. Very poor.
50. Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+46 42.2	−15 36.3	...	+31 5.9
20	+ 0.4	.. ....	...	+ 0.4
31	+ 2.2	.. ....	− 0.1	+ 2.1
32	+ 2.2	−15 45.4	...	−15 43.2
33	+ 2.3	+15 45.5	...	+15 47.8
34	+47 22.6	−15 19.3	...	+32 3.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	June 29, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	31 30.01	− 0.03	− 3.95	343 59 54.98	44.357	+ 8.53	− 15.5	6 31 26.03	+68.81	+22 58 29.2	....
2	Sun II, N.	9	33 47.64	− 0.03	− 3.95	344 31 55.15	42.958	+ 8.53	− 15.0	6 33 43.66	−68.82	+23 29 58.5	....
	June 30, R.												
3	Sun S.	.	.. ..	....	....	343 55 54.15	46.022	+ 5.90	− 15.6	6 36	. ...	+22 55 3.9	....
4	Sun N.	.	.. ..	....	....	344 27 54.28	44.615	+ 5.90	− 15.0	.. ..	.....	+23 26 32.5	....
5	δ Herculis.	9	11 12.04	+ 0.03	− **4.29**	345 57 54.08	46.630	+ 6.82	− 13.7	17 11 7.83	.....	+24 57 20.6	....
6	w Herculis.	9	17 10.73	+ 0.06	− 4.25	353 35 54.45	47.193	+ 6.82	− 6.1	17 17 6.54	.....	+32 35 41.4	....
7	σ Ophiuchi.	9	21 52.03	− 0.04	− **4.24**	325 13 52.45	48.402	+ 6.82	− 38.0	17 21 47.73	.....	+ 4 13 35.3	....
8	α Ophiuchi.	9	30 35.56	− 0.01	− **4.25**	333 38	......	....	. ....	17 30 31.30	.....	+12 37	....
9	ξ Serpentis.	8	32 12.66	− 0.13	− **4.24**	305 41 51.22	45.545	+ 6.82	−1 16.1	17 32 8.28	.....	−15 20 9.3	....
10	β Ophiuchi.	9	38 50.77	− 0.04	− **4.23**	325 37 52.45	45.845	+ 6.82	− 37.5	17 38 46.48	.....	+ 4 36 37.3	....
11	μ Herculis.	9	42 48.83	+ 0.04	− **4.23**	348 47 54.60	45.158	+ 6.82	− 10.8	17 42 44.62	.....	+27 46 50.4	....
	July 1, Br.												
12	Sun S.	.	.. ..	....	....	343 51 53.92	46.258	+ 5.90	− 15.7	6 40	.....	+22 51 9.0	....
13	Sun N.	.	.. ..	....	....	344 23 53.52	45.330	+ 5.90	− 15.1	.. ..	.....	+23 22 48.0	....
14	ρ Scorpii.	9	51 4.97	− 0.30	− 4.39	292 8	......	....	. ....	15 51 0.28	− 3.06	−28 56	....
15	r Herculis.	9	57 2.11	− 0.04	− 4.39	339 6	......	....	. ....	15 56 57.68	− 2.23	+18 5	....
16	ω^2 Scorpii.	9	1 53.89	− 0.24	− 4.39	300 26	......	....	. ....	16 1 49.26	− 2.87	−20 36	....
17	ν Scorpii (*mean*).	9	6 32.27	− 0.23	− **4.36**	301 50	......	....	. ....	16 6 27.65	.....	−19 12	....
18	ε Ophiuchi.	8	13 21.60	− 0.13	− **4.41**	316 34	......	....	. ....	16 13 17.09	.....	− 4 27	....
19	ρ Ophiuchi (*mean*).	5	19 57.27	− 0.25	− 4.38	297 50.....	......	....	. ....	16 19 52.64	− 3.00	−23 13	....
20	ζ Ophiuchi.	9	31 59.58	− 0.16	− **4.35**	310 40	......	....	. ....	16 31 55.04	.....	−10 22	....
21	24 Scorpii.	9	36 8.61	− 0.21	− 4.38	303 30	......	....	. ....	16 36 4.02	− 2.90	−17 33	....
22	53 Herculis.	9	49 26.30	+ 0.03	− 4.38	352 54	......	....	. ....	16 49 21.95	− 2.36	+31 51	....
23	60 Herculis.	9	1 2.47	− 0.04	− 4.38	333 54	......	....	. ....	17 0 58.05	− 2.52	+12 52	....
24	98 H^1. Herculis.	9	4 45.49	+ 0.07	− 4.38	1 40	......	....	. ....	17 4 41.18	− 2.42	+40 38	....
25	α Herculis.	9	10 23.17	− 0.03	− **4.40**	335 30	......	....	. ....	17 10 18.76	.....	+14 30	....
26	ξ Ophiuchi.	8	15 22.60	− 0.22	− 4.38	300 2	......	....	. ....	17 15 18.00	− 3.06	−21 0	....
27	ρ Herculis (*fol.*).	9	20 29.03	+ 0.06	− 4.38	358 16	......	....	. ....	17 20 24.71	− 2.48	+37 14	....
28	74 B. Camelopardalis S. P.	9	26 56.62	− 0.16	− 4.38	66 0	......	....	. ....	5 26 52.08	.....	+74 58	....
29	ξ Serpentis.	9	32 12.89	− 0.18	− **4.42**	305 42	......	....	. ....	17 32 8.33	.....	−15 20	....
30	324 B. Herculis.	9	37 50.11	+ 0.09	− 4.38	4 32	......	....	. ....	17 37 45.82	− 2.59	+43 31	....
31	μ Herculis.	9	42 48.94	+ 0.02	− **4.32**	348 48	......	....	. ....	17 42 44.58	.....	+27 46	....
32	z Herculis.	9	47 39.63	+ 0.11	− 4.38	9 26	......	....	. ....	17 47 35.36	− 2.68	+48 25	....
33	ξ Draconis.	9	51 59.23	+ 0.16	− 4.38	17 54	......	....	. ....	17 51 55.01	.....	+56 53	....
34	τ Ophiuchi (*mean*).	9	57 58.59	− 0.13	− 4.38	312 52	......	....	. ....	17 57 54.08	− 2.86	− 8 10	....
35	o Herculis.	8	3 54.84	+ 0.03	− **4.37**	349 46	......	....	. ....	18 3 50.49	.....	+28 45	....
36	5 B. Lyræ.	9	12 46.64	+ 0.09	− 4.38	3 8	......	....	. ....	18 12 42.35	− 2.71	+42 7	....
37	η Serpentis.	9	16 27.84	− 0.10	− **4.42**	318 6	......	....	. ....	18 16 23.36	.....	− 2 55	....
	July 1, M.												
38	Mercury C.	.	.. ..	....	....	344 53 56.32	43.059	+ 5.46	− 14.9	6 6	.....	+23 51 58.7	....
	July 2, M.												
39	Sun S.	.	.. ..	....	....	343 47 55.75	45.788	+ 5.11	− 16.0	6 44	.....	+22 46 59.0	....
40	Sun N.	.	.. ..	....	....	344 19 55.22	44.465	+ 5.11	− 15.5	.. ..	.....	+23 18 28.8	....
	July 2, R.												
41	73 Draconis.	9	32 56.01	+ 0.53	− 4.01	35 37 58.02	45.025	+ 4.15	+ 40.8	20 32 52.53	.....	+74 37 39.2	....
42	ε Cygni.	9	42 26.34	+ 0.11	− 4.00	354 37 55.90	44.852	+ 4.11	− 5.3	20 42 22.45	.....	+33 36 47.5	....
43	32 Vulpeculæ.	9	50 34.77	+ 0.08	− **4.01**	348 41 57.10	47.508	+ 4.07	− 11.3	20 50 30.85	.....	+27 41 43.4	....
44	f^1 Cygni.	9	56 40.59	+ 0.19	− 4.00	8 9 57.08	44.495	+ 4.05	+ 8.2	20 56 36.78	− 3.08	+47 8 53.9	− 6.1
45	61 Cygni (*pr.*).	9	2 42.56	+ 0.14	− 4.00	359 17 57.15	44.615	+ 4.02	− 0.6	21 2 38.70	.....	+38 16 47.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 6 34	29.77	80.5	80.6
30 6 38	29.70	79.5	79.0
17 12	29.69	74.5	73.0
17 35	......	....	72.7
17 47	29.68	73.7	72.2
1 6 42	29.78	79.3	78.4
6 7	29.82	72.9	71.8
2 6 46	29.91	74.1	72.3
20 23	30.015	62.6	61.0
20 46	......	....	61.1

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at I, II, III.
2, 13, 40. Bisections at VI, VII.
3, 12, 39. Bisections at I, II.
4. Bisection at VI.
6, 9. Bisections at II, VI, VII.
38. Bisections at I, II, VI, VII.

Notes.

14. Diffuse and unsteady.
14–24, 41–45. Conditions very poor.
24. Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 2.3	+15 44.7	...	+15 47.0
2	+ 2.3	−15 44.6	...	−15 42.3
3	+ 2.4	+15 44.3	...	+15 46.7
4	+ 2.3	−15 44.2	...	−15 41.9
12	+ 2.4	+15 49.4	...	+15 51.8
13	+ 2.3	−15 49.5	...	−15 47.2
38	+ 1.8	.. ....	0.0	+ 1.8
39	+ 2.4	+15 44.8	...	+15 47.2
40	+ 2.3	−15 44.9	...	−15 42.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Cygni	9	8 57.63	+ 0.09	− **3.98**	350 51 56.62	43.285	+ 3.99	− 9.1	21 8 53.72	.....	+29 50 8.5	....
2	1 Pegasi	9	17 45.36	+ 0.04	− **4.00**	340 23 55.32	48.182	+ 3.95	− 20.2	21 17 41.40	.....	+19 23 48.0	....
3	69 Cygni	9	21 58.31	+ 0.13	− 4.00	357 15 57.90	45.968	+ 3.93	− 2.7	21 21 54.44	− 2.78	+36 15 17.4	− 6.8
4	ρ Cygni	9	30 28.99	+ 0.19	− 3.99	6 9 56.15	47.858	+ 3.90	+ 6.2	21 30 25.19	− 2.98	+45 10 7.7	− 4.6
5	ε Pegasi	9	39 34.72	− 0.01	− **3.99**	330 27 55.28	44.750	+ 3.86	− 32.2	21 39 30.72	.....	+ 9 26 17.4	....
6	14 Pegasi	9	45 42.33	+ 0.10	− 3.99	350 43 56.05	47.562	+ 3.83	− 9.2	21 45 38.44	− 2.61	+29 43 45.4	− 7.1
7	13 Cephei	9	51 46.57	+ 0.29	− 3.99	17 9 57.62	45.488	+ 3.80	+ 17.7	21 51 42.87	− 3.38	+56 9 26.3	− 1.3
8	20 Pegasi	9	56 31.16	+ 0.01	− 3.99	333 39 54.20	48.538	+ 3.78	− 28.2	21 56 27.18	− 2.39	+12 39 46.8	−11.1
9	ι Pegasi	9	2 38.93	+ 0.08	− **3.98**	345 54	......	....	. ....	22 2 35.03	.....	+24 52	....
10	θ Pegasi	9	5 27.82	− 0.03	− **3.99**	326 45 54.18	43.628	+ 3.74	− 37.4	22 5 23.79	.....	+ 5 43 45.4	....
11	Moon II, N	9	57 16.98	− 0.10	− 3.97	314 35 53.80	46.274	+ 3.58	− 57.8	22 57 12.91	−61.41	− 6 25 35.1	....
	July 3, R.												
12	Moon N	.	.. ..	....	....	318 23 54.28	46.009	+ 4.85	− 50.3	23 42	.....	− 2 37 31.9	....
	July 4, Br.												
13	Mercury C	.	.. ..	....	....	345 7 53.92	45.798	+ 6.75	− 14.3	6 35	.....	+24 7 0.8	....
	July 5, M.												
14	3 H. Scuti	9	30 4.62	....	....	312 44	......	....	. ....	18 30	.....	− 8 18	....
15	110 Herculis	9	41 37.14	....	....	341 28	......	....	. ....	18 41	.....	+20 27	....
16	51 H. Cephei s. p.	7	55 28.90	....	....	53 48	......	....	. ....	6 55	.....	+87 11	....
17	Moon N	.	.. ..	....	....	326 13 51.52	44.591	+ 6.56	− 36.9	1 17	.....	+ 5 12 8.0	....
	July 6, Ei.-Y.												
18	B. D. −22°3989	9	32 14.73	− 0.21	− 2.47	298 11 49.25	48.660	+ 7.13	−1 42.4	15 32 12.05	− 2.78	−22 49 26.1	+ 2.2
19	B. D. −21°4159	9	33 29.15	− 0.20	− 2.47	298 51 51.28	47.965	+ 7.13	−1 39.6	15 33 26.48	− 2.76	−22 9 37.1	+ 1.9
20	μ Serpentis	9	44 41.57	− 0.10	− **2.47**	317 53 52.55	44.445	+ 7.10	− 49.8	15 44 39.00	.....	− 3 8 6.6	....
21	C. P. D. −23°6277	9	48 18.46	− 0.21	− 2.47	297 19 50.55	48.460	+ 7.09	−1 46.2	15 48 15.78	− 2.87	−23 41 33.2	+ 1.1
22	B. D. −17°4450	9	50 24.88	− 0.17	− 2.47	303 17 50.72	43.850	+ 7.09	−1 23.8	15 50 22.24	− 2.74	−17 44 56.0	− 0.6
23	B. D. −13°4302	9	52 54.00	− 0.15	− 2.47	307 1 50.50	45.535	+ 7.08	−1 13.0	15 52 51.38	− 2.66	−14 0 6.9	− 1.7
24	C. P. D. −23°6321	8	0 28.27	− 0.20	− 2.47	297 41 50.35	45.397	+ 7.06	−1 44.7	16 0 25.60	− 2.91	−23 20 41.9	0.0
25	C. P. D. −25°5748	9	2 22.04	− 0.22	− 2.47	294 57 50.52	47.252	+ 7.06	−1 57.8	16 2 19.35	− 2.99	−26 4 12.4	+ 0.5
26	C. P. D. −28°5298	9	6 25.69	− 0.24	− 2.47	292 53 49.75	42.858	+ 7.05	−2 9.8	16 6 22.98	− 3.07	−28 10 5.6	+ 0.6
27	δ Ophiuchi	9	9 23.94	− 0.10	− **2.45**	317 33 51.78	48.105	+ 7.04	− 50.4	16 9 21.37	.....	− 3 26 44.4	....
28	ε Ophiuchi	9	13 19.54	− 0.10	− **2.40**	316 33 51.90	46.385	+ 7.03	− 52.2	16 13 16.97	.....	− 4 27 25.4	....
29	η Ophiuchi	9	4 57.84	− 0.15	− **2.46**	305 25 51.48	45.328	+ 6.91	−1 17.4	17 4 55.22	.....	−15 36 15.2	....
30	C. P. D. −26°5845	9	6 18.29	− 0.22	− 2.47	294 7 50.90	44.630	+ 6.91	−2 2.4	17 6 15.60	− 3.20	−26 55 16.7	− 4.9
31	B. D. −19°4569	9	9 18.85	− 0.17	− 2.47	301 15 49.90	49.168	+ 6.90	−1 30.5	17 9 16.21	− 3.03	−19 45 2.2	− 6.2
32	C. P. D. −26°5866	9	11 47.35	− 0.22	− 2.47	294 31 49.62	44.500	+ 6.89	−2 0.2	17 11 44.66	− 3.20	−26 31 18.8	− 5.4
33	B. D. −17°4773	9	14 23.61	− 0.16	− 2.47	303 21 50.28	48.292	+ 6.89	−1 23.5	17 14 20.98	− 2.99	−17 39 14.8	− 7.0
34	B. D. −17°4789	9	16 53.79	− 0.16	− 2.47	303 47 50.28	44.565	+ 6.88	−1 22.2	17 16 51.16	− 2.98	−17 14 38.7	− 7.2
35	C. P. D. −24°5888	9	19 19.91	− 0.20	− 2.47	296 53 49.88	44.100	+ 6.87	−1 48.3	17 19 17.24	− 3.15	−24 9 15.8	− 6.4
36	B. D. −22°4349	9	22 59.57	− 0.19	− 2.47	298 31 49.90	47.185	+ 6.86	−1 41.1	17 22 56.91	− 3.12	−22 29 58.1	− 6.9
37	B. D. −17°4841	9	27 29.51	− 0.16	− 2.47	303 37 50.70	42.388	+ 6.85	−1 22.8	17 27 26.88	− 3.01	−17 25 28.6	− 7.9
38	B. D. −15°4622	9	32 11.23	− 0.14	− 2.47	305 31 49.95	44.500	+ 6.84	−1 17.2	17 32 8.62	− 2.98	−15 30 35.5	− 8.5
39	C. P. D. −23°6631	9	35 4.21	− 0.20	− 2.47	297 15 50.92	44.830	+ 6.84	−1 46.7	17 35 1.54	− 3.16	−23 46 56.5	− 7.7
40	B. D. −16°4603	9	38 51.57	− 0.15	− 2.47	304 13 51.02	43.355	+ 6.83	−1 21.1	17 38 48.95	− 3.01	−16 49 4.5	− 8.8
41	C. P. D. −26°5987	9	42 33.54	− 0.22	− 2.47	294 7 50.10	41.922	+ 6.82	−2 2.8	17 42 30.85	− 3.25	−26 56 19.9	− 7.9
42	B. D. −21°4751	9	44 58.27	− 0.18	− 2.47	299 7 50.78	47.038	+ 6.81	−1 38.8	17 44 55.62	− 3.13	−21 53 58.3	− 8.6
43	B. D. −19°4728	9	46 45.59	− 0.16	− 2.47	301 55 50.02	47.520	+ 6.81	−1 28.4	17 46 42.96	− 3.07	−19 5 37.7	− 9.1
44	B. D. −21°4779	9	50 40.32	− 0.18	− 2.47	299 5 50.68	46.425	+ 6.80	−1 39.0	17 50 37.67	− 3.13	−21 56 12.7	− 9.1
45	C. P. D. −23°6707	9	54 1.67	− 0.19	− 2.47	297 13 50.55	46.575	+ 6.79	−1 46.9	17 53 59.01	− 3.18	−23 48 17.2	− 9.2
46	C. P. D. −24°6144	9	58 5.04	− 0.19	− 2.47	296 40 0.58	48.055	+ 6.78	−1 49.5	17 58 2.38	− 3.20	−24 21 36.0	− 9.4
47	C. P. D. −23°6857	9	2 1.38	− 0.19	− 2.47	297 55 50.35	45.148	+ 6.77	−1 43.9	18 1 58.72	− 3.17	−23 6 47.0	− 9.8
48	C. P. D. −24°6255	9	3 53.27	− 0.20	− 2.47	296 17 51.48	48.385	+ 6.77	−1 51.3	18 3 50.60	− 3.20	−24 43 39.4	− 9.8
49	μ Sagittarii	9	8 7.09	− 0.17	− 2.47	299 57 51.20	44.540	+ 6.76	−1 35.6	18 8 4.45	.....	−21 4 51.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 21 12	30.02	61.8	60.2
21 36	......	....	59.9
22 0	......	....	59.0
22 14	30.04	60.1	58.1
22 58	30.045	59.9	58.1
3 23 45	30.06	63.0	61.6
4 6 35	29.945	85.1	85.2
5 1 18	29.90	73.8	73.0
6 15 32	29.86	74.2	72.0
15 58	......	....	71.8
16 20	......	....	72.0
16 34	29.86	73.6	72.1
17 2	29.855	73.3	72.0
17 25	......	....	71.8
17 48	29.86	72.4	70.9

Micrometer bisections are made at II, VI, except as noted below.

2, 29, 47.	Bisections at I, II.
11, 12, 17.	Bisections at II, III, IV, V, VI.
13.	Bisections at I, II, VI, VII.
20, 33, 34, 39.	Bisections at II, VII.
24, 25.	Bisections at II, VI, VII.
36.	Bisections at VI, VII.

Notes.

1–11.	Conditions very poor.
14–16, 31, 41.	Clouds.
36.	Very faint.
45–49.	Images unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+38 21.6	−14 47.3	...	+23 34.3
12	+35 49.2	−14 49.1	...	+21 0.1
13	+ 1.7	.. ....	0.0	+ 1.7
17	+30 21.4	−15 1.3	...	+15 20.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −18°4864	9	9 58.06	− 0.16	− 2.47	302 21 49.25	43.150	+ 6.75	−1 27.1	18 9 55.43	− 3.07	−18 41 17.1	−10.8
2	C. P. D. −28°6526	9	16 1.59	− 0.22	− 2.47	292 33 49.82	47.730	+ 6.74	−2 12.0	18 15 58.90	− 3.30	−28 28 16.7	−10.5
3	B. D. −20°5134	9	19 43.71	− 0.17	− 2.47	300 25 50.22	48.338	+ 6.73	−1 33.8	18 19 41.07	− 3.11	−20 35 24.3	−11.3
4	B. D. −17°5203	9	22 26.07	− 0.15	− 2.47	303 9 49.60	48.155	+ 6.72	−1 24.4	18 22 23.45	− 3.06	−17 51 19.7	−11.6
5	B. D. −18°4988	9	25 54.47	− 0.15	− 2.47	302 33 50.98	46.630	+ 6.71	−1 26.4	18 25 51.85	− 3.07	−18 27 55.2	−11.8
6	B. D. −22°4790	9	29 39.47	− 0.18	− 2.47	298 51 50.25	47.670	+ 6.71	−1 40.0	18 29 36.82	− 3.14	−22 9 45.7	−11.9
7	B. D. −17°5271	9	32 22.67	− 0.14	− 2.47	303 43 49.72	44.882	+ 6.70	−1 22.7	18 32 20.06	− 3.04	−17 18 32.7	−12.3
8	C. P. D. −23°7191	9	36 6.11	− 0.19	− 2.47	297 5 50.75	49.545	+ 6.69	−1 47.5	18 36 3.45	− 3.17	−23 55 9.9	−12.2
9	φ Sagittarii	9	39 45.41	− 0.21	− 2.47	293 55 50.12	50.252	+ 6.68	−2 3.8	18 39 42.73	....	−27 5 10.7	....
10	B. D. −20°5268	9	42 16.31	− 0.16	− 2.47	300 39 50.30	45.450	+ 6.67	−1 33.1	18 42 13.68	− 3.09	−20 22 29.5	−12.8
11	B. D. −17°5347	8	45 51.56	− 0.14	− 2.47	303 45 50.62	46.872	+ 6.67	−1 22.6	18 45 48.95	− 3.03	−17 15 46.3	−13.1
12	B. D. −22°4907	9	48 28.21	− 0.18	− 2.47	298 11 49.52	43.090	+ 6.66	−1 42.9	18 48 25.56	− 3.14	−22 51 34.0	−13.1
13	B. D. −20°5339	9	51 43.91	− 0.16	− 2.47	300 15 50.85	44.975	+ 6.65	−1 34.6	18 51 41.28	− 3.09	−20 46 41.3	−13.4
14	C. P. D. −25°6653	9	54 37.12	− 0.19	− 2.47	295 57 50.35	46.772	+ 6.64	−1 53.1	18 54 34.46	− 3.17	−25 4 19.3	−13.5
15	B. D. −20°5381	9	57 58.13	− 0.16	− 2.47	300 45 49.00	47.130	+ 6.64	−1 32.7	18 57 55.50	− 3.07	−20 15 52.1	−13.7
16	λ Aquilæ	9	1 14.71	− 0.08	− **2.48**	315 59 51.15	46.628	+ 6.63	− 53.4	19 1 12.16	....	− 5 1 22.2	....
17	d Sagittarii	9	12 6.76	− 0.15	− **2.44**	301 53 49.62	48.682	+ 6.60	−1 28.6	19 12 4.14	....	−19 7 11.9	....
18	θ Aquilæ	9	6 26.44	− 0.05	− **2.48**	319 55 51.15	44.315	+ 6.55	− 46.6	20 6 23.92	....	− 1 6 8.3	....
19	α² Capricorni	9	12 49.16	− 0.10	− **2.47**	308 11 50.70	45.002	+ 6.55	−1 10.4	20 12 46.59	....	−12 50 16.8	....
20	C. P. D. −25°7042	9	14 6.27	− 0.18	− 2.47	295 31 49.85	44.510	+ 6.55	−1 55.5	20 14 3.62	− 2.96	−25 31 14.0	−18.1
21	B. D. −14°5732	9	18 9.59	− 0.11	− 2.47	306 27 50.65	47.020	+ 6.55	−1 14.9	20 18 7.01	− 2.81	−14 33 35.2	−17.1
22	B. D. −21°5719	9	21 21.77	− 0.15	− 2.47	299 55 50.70	44.048	+ 6.55	−1 36.0	20 21 19.15	− 2.87	−21 7 4.2	−18.0
23	B. D. −21°5729	9	23 30.99	− 0.15	− 2.47	299 49 49.92	44.580	+ 6.55	−1 36.4	20 23 28.37	− 2.86	−21 12 53.2	−18.1
24	B. D. −17°6007	9	25 58.81	− 0.13	− 2.47	303 33 50.40	47.902	+ 6.55	−1 23.3	20 25 56.21	− 2.81	−17 27 23.7	−17.7
25	B. D. −19°5852	9	29 1.98	− 0.14	− 2.47	301 19 49.35	43.390	+ 6.55	−1 30.9	20 28 59.37	− 2.82	−19 43 15.5	−18.1
26	B. D. −21°5782	9	32 56.85	− 0.15	− 2.47	299 41 50.55	48.480	+ 6.55	−1 36.8	20 32 54.23	− 2.82	−21 19 23.9	−18.4
27	B. D. −16°5663	9	35 14.31	− 0.12	− 2.47	304 33 51.08	47.072	+ 6.55	−1 20.3	20 35 11.72	− 2.77	−16 27 39.0	−17.9
28	B. D. −11°5408	9	39 28.19	− 0.09	− 2.47	310 11 50.32	45.442	+ 6.55	−1 5.6	20 39 25.63	− 2.72	−10 50 2.3	−17.2
29	C. P. D. −23°7859	8	42 51.12	− 0.17	− 2.47	297 57 50.82	44.442	+ 6.55	−1 44.0	20 42 48.48	− 2.80	−23 5 3.1	−19.0
30	B. D. −16°5709	9	45 19.07	− 0.12	− 2.47	305 9 50.05	46.670	+ 6.55	−1 18.5	20 45 16.48	− 2.72	−15 51 47.4	−18.1
31	C. P. D. −24°7105	9	47 28.92	− 0.17	− 2.47	296 53 50.25	46.698	+ 6.55	−1 48.8	20 47 26.28	− 2.79	−24 8 16.9	−19.3
32	B. D. −22°5572	9	51 25.06	− 0.16	− 2.47	298 39 50.02	46.790	+ 6.55	−1 41.0	20 51 22.43	− 2.75	−22 22 7.1	−19.2
33	B. D. −12°5876	9	52 52.28	− 0.10	− 2.47	308 41 51.15	47.762	+ 6.55	−1 9.1	20 52 49.71	− 2.67	−12 19 12.0	−17.7
34	C. P. D. −23°7896	9	55 56.11	− 0.17	− 2.47	297 35 50.12	44.902	+ 6.55	−1 45.6	20 55 53.47	− 2.74	−23 26 54.9	−19.5
35	B. D. −11°5524	8	0 44.56	− 0.09	− 2.47	310 1 50.32	47.130	+ 6.55	−1 5.9	21 0 42.00	− 2.64	−10 59 24.1	−17.6
36	B. D. −21°5933	9	3 9.12	− 0.16	− 2.47	299 27 50.95	45.765	+ 6.55	−1 37.8	21 3 6.49	− 2.68	−21 34 26.5	−19.4
37	B. D. −18°5875	9	5 13.26	− 0.14	− 2.47	302 19 50.28	43.998	+ 6.55	−1 27.4	21 5 10.65	− 2.66	−18 42 57.2	−19.0
38	B. D. −11°5553	9	9 10.35	− 0.09	− 2.47	310 1 50.20	46.012	+ 6.55	−1 5.9	21 9 7.79	− 2.60	−10 59 49.8	−17.7
39	B. D. − 9°5700	9	11 13.76	− 0.09	− 2.47	311 23 50.42	49.100	+ 6.55	−1 2.8	21 11 11.20	− 2.59	− 9 36 35.9	−17.4
40	B. D. −11°5578	9	15 42.06	− 0.10	− 2.47	309 17 50.38	42.800	+ 6.55	−1 7.7	21 15 39.49	− 2.58	−11 45 4.8	−17.9
41	B. D. − 9°5728	9	17 52.66	− 0.09	− 2.47	311 17 50.90	46.915	+ 6.55	−1 3.0	21 17 50.10	− 2.56	− 9 43 25.5	−17.5
42	ζ Capricorni	9	21 16.56	− 0.16	− 2.47	298 11 50.00	49.032	+ 6.55	−1 42.9	21 21 13.93	....	−22 49 17.9	....
43	B. D. −12°6005	9	23 7.22	− 0.10	− 2.47	309 3 50.12	43.602	+ 6.55	−1 8.3	21 23 4.65	− 2.54	−11 58 47.3	−18.0
44	B. D. −17°6302	9	26 0.29	− 0.13	− 2.47	303 21 50.35	44.882	+ 6.55	−1 24.0	21 25 57.69	− 2.55	−17 40 33.5	−19.2
45	B. D. − 9°5770	9	29 40.54	− 0.09	− 2.47	311 31 49.95	44.050	+ 6.55	−1 2.6	21 29 37.98	− 2.51	− 9 30 31.5	−17.5
46	B. D. −15°6027	9	33 3.35	− 0.12	− 2.47	305 41 49.88	45.445	+ 6.55	−1 17.0	21 33 0.76	− 2.50	−15 20 14.1	−18.8
47	γ Capricorni	9	34 51.57	− 0.13	− **2.48**	303 55 51.05	47.728	+ 6.55	−1 22.2	21 34 48.97	....	−17 5 26.0	....
48	B. D. −18°5998	9	38 19.15	− 0.13	− 2.47	303 11 49.12	48.478	+ 6.55	−1 24.5	21 38 16.55	− 2.49	−17 49 13.0	−19.4
49	λ Capricorni	9	41 27.18	− 0.10	− 2.47	309 13 50.22	45.065	+ 6.55	−1 7.8	21 41 24.61	− 2.46	−11 48 13.3	−18.1
50	B. D. −17°6389	9	45 1.36	− 0.13	− 2.47	303 43 50.38	48.318	+ 6.55	−1 22.8	21 44 58.76	− 2.45	−17 17 13.7	−19.3
51	B. D. −11°5690	8	47 57.57	− 0.09	− 2.47	310 1 50.28	44.298	+ 6.55	−1 5.9	21 47 55.01	− 2.43	−11 0 28.8	−17.9
52	B. D. −10°5795	8	51 23.09	− 0.09	− 2.47	310 59 49.28	44.968	+ 6.55	−1 3.7	21 51 20.53	− 2.41	−10 2 12.3	−17.7
53	B. D. −13°6074	9	55 59.76	− 0.11	− 2.47	307 33 50.75	43.655	+ 6.55	−1 12.0	21 55 57.18	− 2.38	−13 28 49.1	−18.5
54	B. D. − 8°5789	9	58 33.42	− 0.08	− 2.47	313 5 51.80	47.565	+ 6.55	− 59.1	21 58 30.87	− 2.38	− 7 55 5.9	−17.1
55	B. D −20°6362	9	2 13.03	− 0.15	− 2.47	300 59 51.12	46.885	+ 6.55	−1 31.9	22 2 10.41	− 2.36	−20 1 54.8	−20.0
56	B. D. − 9°5927	9	4 30.68	− 0.08	− 2.47	311 45 49.75	45.460	+ 6.55	−1 2.0	22 4 28.13	− 2.35	− 9 15 58.9	−17.4
57	B. D. −14°6229	9	7 20.12	− 0.11	− 2.47	306 21 49.75	46.815	+ 6.55	−1 15.1	22 7 17.54	− 2.32	−14 39 41.0	−18.7
58	B. D. −19°6249	9	9 9.56	− 0.14	− 2.47	301 19 49 28	43.835	+ 6.55	−1 30.8	22 9 6.95	− 2.32	−19 43 5.3	−20.0
59	B. D. − 6°5960	9	12 10.70	− 0.07	− 2.47	315 9 50.45	45.852	+ 6.55	− 55.1	22 12 8.16	− 2.32	− 5 51 42.4	−16.4
60	γ Aquarii	9	16 46.79	− 0.05	− **2.50**	319 9 51.62	44.715	+ 6.55	− 47.9	22 16 44.27	....	− 1 52 0.0	....
61	π Aquarii	9	20 27.38	− 0.04	− **2.55**	321 55 50.65	43.685	+ 6.55	− 43.4	22 20 24.87	....	+ 0 53 40.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
h d m	in.	°	°			′ ″	′ ″	″	′ ″
6 18 14	......	....	70.7	1, 11, 18. Bisections at VI, VII.					
18 27	29.855	72.0	70.4	13, 15, 22, 24, 44, 58. Bisections at II, VII.					
18 54	......	....	70.1	19, 32. Bisections at I, II.					
19 14	29 85	71.4	70.2						
20 8	29.84	70.6	69.2						
20 28	......	....	69 2						
20 49	29.84	70.5	69.1						
21 14	......	....	69 2						
21 36	29.835	70.2	69.1						
22 0	......	....	69.5	Note.					
22 22	29.825	69.9	68.9	10. Revolutions of micrometer reading assumed.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	July 7, Br.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Cygni	5	38 15.23	+ 0.14	− 2.57	5 57 54.42	43.342	+ 6.17	+ 5.9	20 38 12.80	.....	+44 56 24.6	....
2	ε Aquarii	6	42 34.18	− 0.09	− **2.53**	311 11 49.55	44.005	+ 6.17	−1 3.3	20 42 31.52	.....	− 9 50 34.1	....
3	1 Pegasi	9	17 44.08	+ 0.03	− **2.61**	340 23 52.65	48.255	+ 6.17	− 19.7	21 17 41.54	.....	+19 23 49.7	....
4	1 H. Draconis s. p.	9	23 23.10	− 0.50	− 2.57	59 13 54.92	46.250	+ 6.17	+1 33.5	9 23 20.03	.....	+81 45 0.4	....
5	α Aquarii	9	0 56.34	− 0.05	− **2.62**	320 13 51.75	47.488	+ 6.17	− 46.2	22 0 53.72	.....	− 0 46 55.2	....
6	γ Aquarii	9	16 46.88	− 0.06	− **2.55**	319 9 51.78	44.752	+ 6.17	− 48.0	22 16 44.25	.....	− 1 51 59.5	....
7	σ Aquarii	9	25 38.99	− 0.10	− **2.53**	309 51 51.48	45.938	+ 6.17	−1 6.4	22 25 36.32	.....	−11 9 51.0	....
8	η Aquarii	9	30 30.34	− 0.05	− **2.57**	320 25 52.32	43.330	+ 6.17	− 45.9	22 30 27.72	.....	− 0 36 29.3	....
9	ζ Pegasi	9	36 45.38	0.00	− **2.58**	331 21 52.98	43.950	+ 6.17	− 30.3	22 36 42.81	.....	+10 20 1.1	....
10	λ Pegasi	8	41 59.38	+ 0.05	− **2.59**	344 4	......	....	. ....	22 41 56.86	.....	+23 3	....
11	ι Cephei	9	46 22.18	+ 0.28	− 2.57	26 41 56.55	45.753	+ 6.17	+ 28.1	22 46 19.89	.....	+65 41 44.2	....
12	Moon II	9	58 21.53	− 0.02	− 2.57	333 8	......	....	. ....	2 58 18.94	−65.43	.. ..	....
	July 8, Br.												
13	Sun S	.	.. ..	....	....	343 13 52.12	46.332	+ 6.00	− 16.4	7 9	.....	+22 13 8.3	....
14	Sun N	.	.. ..	....	....	343 45 50.58	45.212	+ 6.00	− 15.8	.. ..	.....	+22 44 41.8	....
	July 10, R.												
15	α Delphini	9	35 16.08	+ 0.01	− **2.52**	336 36	......	....	. ...	20 35 13.62	.....	+15 34	....
16	ε Aquarii	9	42 34.17	− 0.10	− **2.46**	311 12 4.60	43.348	+ 6.11	−1 3.0	20 42 31.60	.....	− 9 50 33.8	....
17	76 Draconis	5	49 46.47	+ 0.65	− 2.47	43 10	......	....	. ....	20 49 44.65	.....	+82 10	....
18	1 H. Draconis s. p.	9	23 22.75	− 0.39	− 2.47	59 14	......	....	. ...	9 23 19.89	.....	+81 45	....
19	Saturn I, C	5	30 10.85	− 0.13	− 2.47	305 6 5.58	47.750	+ 6.11	−1 18.4	21 30 8.25	+ 0.61	−15 56 42.2	....
20	Saturn II	5	30 12.08	− 0.13	− 2.47	... .	......	....	. ....	21 30 9.48	− 0.62	.. ..	....
21	α Aquarii	9	0 56.29	− 0.06	− **2.49**	320 14 5.82	46.872	+ 6.11	− 45.9	22 0 53.76	.....	− 0 46 54.9	....
22	θ Pegasi	9	5 26.51	− 0.03	− **2.48**	326 46 6.35	43.015	+ 6.11	− 36.2	22 5 24.01	.....	+ 5 43 47.1	....
23	π Aquarii	9	20 27.48	− 0.05	− **2.54**	321 56 6.48	43.045	+ 6.11	− 43.3	22 20 24.96	.....	+ 0 53 40.9	....
24	38 Pegasi	9	25 43.49	+ 0.07	− 2.47	353 6 8.95	44.820	+ 6.11	− 6.6	22 25 41.09	− 2.75	+32 5 0.5	− 6.8
25	κ Aquarii	9	32 52.00	− 0.07	− 2.47	316 18 6.00	46.635	+ 6.11	− 52.8	22 32 49.46	− 2.32	− 4 43 7.1	−16.5
26	ζ Pegasi	9	36 45.31	− 0.01	− **2.42**	331 22 6.35	43.398	+ 6.11	− 30.2	22 36 42.83	.....	+10 20 1.9	....
27	λ Pegasi	9	41 59.31	+ 0.04	− **2.43**	344 4 8.28	47.250	+ 6.11	− 15.7	22 41 56.88	.....	+23 3 46.3	....
28	λ Aquarii	9	47 41.21	− 0.09	− **2.46**	312 56 5.95	46.905	+ 6.11	− 59.3	22 47 38.65	.....	− 8 5 7.4	....
29	52 Pegasi	9	54 28.42	0.00	− 2.47	332 14 6.48	46.250	+ 6.11	− 29.1	22 54 25.95	− 2.35	+11 13 8.3	−11.4
30	β Pegasi	9	59 12.11	+ 0.05	− **2.43**	348 34 9.48	47.215	+ 6.11	− 11.1	22 59 9.69	.....	+27 33 51.3	....
	July 11, R.												
31	Sun I, N	9	20 51.57	+ 0.06	− 2.44	343 24 7.05	43.842	+ 5.77	− 16.0	7 20 49.19	+68.23	+22 22 26.5	....
32	Sun II, S	9	23 8.04	+ 0.06	− 2.44	342 52 9.20	45.122	+ 5.77	− 16.5	7 23 5.66	−68.24	+21 50 57.5	....
	July 11, Ei.-Y.												
33	γ Libræ	9	30 14.28	− 0.17	− **2.27**	306 33 56.85	45.190	+ 6.33	−1 13.9	15 30 11.75	.....	−14 28 10.1	....
34	B. D. −21°4159	9	33 29.00	− 0.22	− 2.36	298 51 56.35	47.742	+ 6.33	−1 39.1	15 33 26.42	− 2.73	−22 9 37.4	+ 1.8
35	C. P. D. −23°6321	9	0 28.18	− 0.22	− 2.36	297 41 57.32	45.115	+ 6.33	−1 44.1	16 0 25.60	− 2.88	−23 20 41.5	− 0.1
36	C. P. D. −25°5748	9	2 21.92	− 0.24	− 2.36	294 57 57.60	46.982	+ 6.33	−1 57.1	16 2 19.32	− 2.96	−26 4 11.6	+ 0.5
37	C. P. D. −28°5298	9	6 25.56	− 0.25	− 2.36	292 53 56.18	42.560	+ 6.33	−2 9.0	16 6 22.95	− 3.04	−28 10 5.9	+ 0.2
38	δ Ophiuchi	9	9 23.84	− 0.11	− **2.37**	317 33 58.45	47.832	+ 6.33	− 50.1	16 9 21.37	.....	− 3 26 44.4	....
39	ε Ophiuchi	9	13 19.48	− 0.12	− **2.35**	316 33 58.40	46.148	+ 6.33	− 51.9	16 13 17.00	.....	− 4 27 24.7	....
40	λ Ophiuchi	9	26 9.24	− 0.09	− **2.38**	323 11 58.35	48.802	+ 6.33	− 40.9	16 26 6.79	.....	+ 2 11 46.9	....
41	ζ Ophiuchi	9	31 57.55	− 0.14	− **2.37**	310 39 55.95	44.460	+ 6.33	−1 3.7	16 31 55.05	.....	−10 22 17.5	....
42	η Ophiuchi	9	4 57.75	− 0.16	− **2.36**	305 25 56.78	45.105	+ 6.33	−1 17.0	17 4 55.23	.....	−15 36 15.1	....
43	C. P. D. −26°5845	9	6 18.25	− 0.23	− 2.36	294 7 56.48	44.370	+ 6.33	−2 1.8	17 6 15.66	− 3.20	−26 55 17.1	− 5.4
44	B. D. −19°4569	9	9 18.81	− 0.18	− 2.36	301 15 57.45	48.862	+ 6.33	−1 30.0	17 9 16.27	− 3.02	−19 45 1.7	− 6.4
45	C. P. D. −26°5866	9	11 47.30	− 0.23	− 2.36	294 31 47.65	44.568	+ 6.33	−1 59.6	17 11 44.71	− 3.24	−26 31 19.2	− 5.9
46	B. D. −17°4789	9	16 53.67	− 0.16	− 2.36	303 47 56.52	44.305	+ 6.33	−1 21.8	17 16 51.15	− 2.99	−17 14 38.5	− 7.4
47	C. P. D. −24°5888	9	19 19.79	− 0.21	− 2.36	296 53 55.35	43.860	+ 6.33	−1 47.8	17 19 17.22	− 3.16	−24 9 15.9	− 6.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in	°	°
7 20 38	29.83	70.1	68.9
21 15	......	....	68.3
21 45	29.83	70.1	68.7
22 1	......	....	68.4
22 49	29.83	70.0	68.8
8 7 11	29.90	80.8	79.1
10 20 43	29.73	71.0	69.4
21 32	29.72	70.6	69.4
22 2	......	....	69.0
22 19	29.71	69.9	68.2
22 46	......	....	68.9
23 3	29.705	70.0	69.0
11 7 23	29.71	84.8	84.0
15 32	29.63	72.4	71.0
15 57	......	....	70.7
16 33	29.62	72.0	71.7
17 2	29.62	71.5	70.8

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 14, 32, 33.	Bisections at VI, VII.
4, 11.	Bisections at III, IV, V.
13, 31, 42.	Bisections at I, II.
19.	Z. D. threads C used.
19.	Bisections at I, II, VI, VII.
41, 46.	Bisections at II, VII.

Notes.

1–8, 15–18.	Clouds. Conditions very poor.
11.	Circle reading decreased 1′.
33–47.	Unsteady.
47.	Image poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
13	+ 2.5	+15 46.7	...	+15 49.2
14	+ 2.4	−15 46.7	...	−15 44.3
19	+ 0.8	. ....	...	+ 0.8
31	+ 2.4	−15 44.5	...	−15 42.1
32	+ 2.5	+15 44.4	...	+15 46.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −22°4349	9	22 59.53	− 0.20	− 2.36	298 31 56.18	46.885	+ 6.33	−1 40.6	17 22 56.97	− 3.12	−22 29 58.7	− 6.9
2	B. D. −17°4841	9	27 29.44	− 0.16	− 2.36	303 37 56.80	42.118	+ 6.33	−1 22.4	17 27 26.92	− 3.01	−17 25 28.8	− 8.1
3	B. D. −15°4622	8	32 11.08	− 0.15	− 2.36	305 31 56.18	44.232	+ 6.33	−1 16.8	17 32 8.57	− 2.98	−15 30 35.6	− 8.8
4	C. P. D. −23°6631	9	35 4.09	− 0.20	− 2.36	297 15 56.22	44.610	+ 6.33	−1 46.1	17 35 1.53	− 3.18	−23 46 56.1	− 7.7
5	B. D. −16°4603	9	38 51.42	− 0.16	− 2.36	304 13 56.80	43.132	+ 6.33	−1 20.6	17 38 48.90	− 3.02	−16 49 3.9	− 9.0
6	C. P. D. −26°5987	9	42 33.47	− 0.22	− 2.36	294 7 56.20	41.650	+ 6.33	−2 2.1	17 42 30.89	− 3.27	−26 56 19.8	− 7.9
7	B. D. −21°4751	9	44 58.19	− 0.19	− 2.36	299 7 55.88	46.790	+ 6.33	−1 38.2	17 44 55.64	− 3.14	−21 53 58.8	− 8.7
8	B. D. −19°4728	9	46 45.49	− 0.17	− 2.36	301 55 55.92	47.265	+ 6.33	−1 27.9	17 46 42.96	− 3.08	−19 5 37.6	− 9.3
9	B. D. −21°4779	9	50 40.28	− 0.19	− 2.36	299 5 55.82	46.155	+ 6.33	−1 38.4	17 50 37.73	− 3.15	−21 56 13.5	− 9.2
10	C. P. D. −23°6707	9	54 1.60	− 0.20	− 2.36	297 13 55.80	46.345	+ 6.33	−1 46.3	17 53 59.04	− 3.20	−23 48 17.1	− 9.2
11	C. P. D. −24°6144	9	58 5.02	− 0.20	− 2.36	296 39 55.22	48.292	+ 6.33	−1 48.9	17 58 2.46	− 3.22	−24 21 35.8	− 9.4
12	C. P. D. −23°6857	9	2 1.33	− 0.19	− 2.36	297 55 56.02	44.880	+ 6.33	−1 43.3	18 1 58.78	− 3.19	−23 6 47.4	− 9.9
13	C. P. D. −24°6255	9	3 53.19	− 0.20	− 2.36	296 17 56.65	48.130	+ 6.33	−1 50.7	18 3 50.63	− 3.23	−24 43 39.8	− 9.8
14	μ Sagittarii	9	8 7.03	− 0.18	− 2.36	299 57 56.80	44.282	+ 6.33	−1 35.1	18 8 4.49	.....	−21 4 52.1	....
15	B. D. −18°4864	9	9 57.99	− 0.16	− 2.36	302 21 55.78	42.885	+ 6.33	−1 26.6	18 9 55.47	− 3.12	−18 41 16.5	−11.0
16	C. P. D. −27°6359	9	12 8.46	− 0.22	− 2.36	293 57 55.65	46.532	+ 6.33	−2 3.0	18 12 5.88	− 3.29	−27 4 29.7	−10.3
17	C. P. D. −28°6526	9	16 1.57	− 0.23	− 2.36	292 33 55.55	47.485	+ 6.33	−2 11.4	18 15 58.98	− 3.33	−28 28 16.4	−10.4
18	B. D. −20°5134	9	19 43.68	− 0.17	− 2.36	300 25 55.50	48.110	+ 6.33	−1 33.3	18 19 41.15	− 3.14	−20 35 24.1	−11.5
19	B. D. −17°5203	9	22 25.99	− 0.15	− 2.36	303 9 55.00	47.920	+ 6.33	−1 24.0	18 22 23.48	− 3.08	−17 51 19.6	−11.9
20	B. D. −18°4988	9	25 54.39	− 0.16	− 2.36	302 33 56.20	46.410	+ 6.33	−1 26.0	18 25 51.87	− 3.10	−18 27 54.9	−12.0
21	B. D. −22°4790	9	29 39.44	− 0.18	− 2.35	298 51 55.98	47.425	+ 6.33	−1 39.4	18 29 36.91	− 3.18	−22 9 45.4	−12.0
22	B. D. −17°5271	9	32 22.62	− 0.15	− 2.35	303 43 56.32	44.605	+ 6.33	−1 22.3	18 32 20.12	− 3.08	−17 18 32.4	−12.6
23	C. P. D. −23°7191	9	36 6.12	− 0.19	− 2.35	297 5 56.30	49.302	+ 6.33	−1 47.0	18 36 3.58	− 3.21	−23 55 9.7	−12.3
24	φ Sagittarii	9	39 45.42	− 0.21	− 2.35	293 57 56.70	44.698	+ 6.33	−2 3.1	18 39 42.86	.....	−27 5 10.6	....
25	B. D. −20°5268	9	42 16.28	− 0.17	− 2.35	300 39 56.55	45.145	+ 6.33	−1 32.6	18 42 13.76	− 3.13	−20 22 30.1	−13.0
26	B. D. −17°5347	9	45 51.53	− 0.14	− 2.35	303 45 56.45	46.618	+ 6.33	−1 22.2	18 45 49.04	− 3.08	−17 15 46.2	−13.4
27	B. D. −22°4907	9	48 28.19	− 0.18	− 2.35	298 11 55.20	42.850	+ 6.33	−1 42.4	18 48 25.66	− 3.18	−22 51 33.7	−13.2
28	B. D. −20°5339	9	51 43.93	− 0.17	− 2.35	300 15 56.42	44.725	+ 6.33	−1 34.1	18 51 41.41	− 3.14	−20 46 41.3	−13.6
29	C. P. D. −25°6653	9	54 37.12	− 0.20	− 2.35	295 57 56.55	46.465	+ 6.33	−1 52.5	18 54 34.57	− 3.22	−25 4 19.8	−13.6
30	B. D. −20°5381	9	57 58.18	− 0.16	− 2.35	300 45 55.52	46.872	+ 6.33	−1 32.2	18 57 55.67	− 3.12	−20 15 51.3	−14.0
31	λ Aquilæ	9	1 14.66	− 0.08	− **2.38**	315 59 56.42	46.425	+ 6.33	− 53.2	19 1 12.23	.....	− 5 1 21.6	....
32	*d* Sagittarii	9	12 6.71	− 0.15	− **2.34**	301 53 55.98	48.405	+ 6.33	−1 28.2	19 12 4.21	.....	−19 7 11.8	....
	July 11, Br.												
33	73 Draconis	7	32 55.04	+ 0.33	− 2.48	35 38 0.70	45.000	+ 6.10	+ 39.7	20 32 52.89	.....	+74 37 42.7	....
34	ε Aquarii	9	42 34.23	− 0.09	− **2.51**	311 11 55.02	43.775	+ 6.10	−1 2.9	20 42 31.66	.....	− 9 50 33.5	....
35	μ Aquarii	9	47 33.98	− 0.09	− **2.48**	311 41 55.65	44.268	+ 6.10	−1 1.8	20 47 31.41	.....	− 9 20 20.5	....
36	γ Microscopii	9	55 30.07	− 0.25	− 2.48	288 25 57.10	45.182	+ 6.10	−2 43.4	20 55 27.34	.....	−32 37 39.7	....
37	σ^2 Ursæ Majoris s. p.	9	1 58.13	0.00	− 2.48	73 26 0.50	46.400	+ 6.10	+3 4.1	9 1 55.65	.....	+67 31 21.0	....
38	98 B. Cephei	4	7 35.09	+ 0.41	− 2.48	38 44 0.28	46.475	+ 6.10	+ 44.4	21 7 33.02	.....	+77 44 20.6	....
39	σ Cygni	9	13 44.15	+ 0.10	− 2.48	359 59 59.52	46.755	+ 6.10	+ 0.1	21 13 41.77	.....	+38 59 42.0	....
40	1 Pegasi	9	17 44.06	+ 0.03	− **2.51**	340 23 57.92	48.040	+ 6.10	− 19.6	21 17 41.61	.....	+19 23 50.1	....
41	69 Cygni	9	21 57.04	+ 0.09	− 2.48	357 15 59.22	45.925	+ 6.10	− 2.6	21 21 54.65	− 2.98	+36 15 20.0	− 9.5
42	Saturn I, C	5	29 57.18	− 0.13	− 2.48	305 5 56.38	44.854	+ 6.10	−1 18.3	21 29 54.57	+ 0.61	−15 57 57.5	....
43	Saturn II	5	29 58.41	− 0.13	− 2.48	... .	......	....	. ....	21 29 55.80	− 0.62	.. ..	....
44	κ Capricorni	9	37 23.23	− 0.15	− 2.48	301 43 54.95	46.648	+ 6.10	−1 28.8	21 37 20.60	− 2.61	−19 17 53.8	−20.2
45	δ Capricorni	9	41 49.89	− 0.13	− **2.53**	304 27 56.62	47.380	+ 6.10	−1 20.1	21 41 47.28	.....	−16 33 26.7	....
46	16 Pegasi	9	48 46.77	+ 0.05	− **2.42**	346 29 58.65	44.435	+ 6.10	− 13.2	21 48 44.34	.....	+25 28 34.8	....
47	20 Pegasi	9	56 29.86	+ 0.01	− 2.48	333 39 57.02	48.380	+ 6.10	− 27.2	21 56 27.39	− 2.60	+12 39 49.4	−13.2
48	20 Cephei	9	2 11.87	+ 0.21	− 2.48	23 19 59.68	44.112	+ 6.10	+ 23.9	22 2 9.60	.....	+62 19 5.3	....
49	ζ Cephei	9	7 37.52	+ 0.19	− 2.48	18 44 0.08	46.085	+ 6.10	+ 18.8	22 7 35.23	.....	+57 43 45.8	....
50	θ Aquarii	9	11 51.17	− 0.08	− **2.52**	312 45 56.52	46.668	+ 6.10	− 59.6	22 11 48.61	.....	− 8 15 22.6	....
51	30 H. Ursæ Majoris s. p.	9	17 14.08	+ 0.02	− 2.48	74 54 1.12	46.202	+ 6.10	+3 22.7	10 17 11.62	.....	+66 3 6.3	....
52	ζ Aquarii (*mean*)	9	23 58.28	− 0.05	− 2.48	320 31 55.95	43.285	+ 6.10	− 45.4	22 23 55.75	− 2.41	− 0 30 26.3	−15.8
53	η Aquarii	9	30 30.36	− 0.05	− **2.48**	320 25 56.05	43.185	+ 6.10	− 45.6	22 30 27.83	.....	− 0 36 28.7	....
54	ζ Pegasi	9	36 45.37	0.00	− **2.47**	331 21 57.22	43.795	+ 6.10	− 30.1	22 36 42.89	.....	+10 20 1.9	....
55	λ Pegasi	8	41 59.36	+ 0.04	− **2.45**	344 3 58.48	47.705	+ 6.10	− 15.7	22 41 56.92	.....	+23 3 46.9	....
56	μ Pegasi	9	45 27.15	+ 0.04	− **2.44**	345 5 58.72	47.785	+ 6.10	− 14.6	22 45 24.71	.....	+24 5 50.0	....
57	94 H^1. Aquarii	9	50 17.09	− 0.07	− 2.48	315 31 57.12	45.630	+ 6.10	− 54.1	22 50 14.54	− 2.26	− 5 29 40.2	−16.6
58	36 H. Cephei	6	55 26.36	+ 0.70	− 2.48	44 50 1.90	44.853	+ 6.10	+ 55.0	22 55 24.58	−12.63	+83 49 55.9	+ 4.2
59	59 Pegasi	9	6 58.16	− 0.01	− 2.48	329 13 56.45	44.225	+ 6.10	− 32.8	23 6 55.67	− 2.29	+ 8 12 8.3	−12.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 17 24	......	....	70.3
17 48	29.63	70.9	70.0
18 6	......	....	69.7
18 27	29.62	69.9	[illegible]
18 53	......	....	68.8
19 13	29.61	69.4	68.5
20 34	29.59	69.5	68.0
21 5	......	....	68.1
21 31	29.57	69.2	68.0
22 12	......	....	67.2
22 21	29.56	68.4	67.0

Micrometer bisections are made at II, VI, except as noted below.

4, 6, 13, 32. Bisections at II, VII.
8, 10, 44. Bisections at VI, VII.
33. Bisections at b_4, b_7.
37, 51. Bisections at III, IV, V.
38. Bisections at b_6, b_9.
39. Bisections at III, V.
42. Z. D. threads C used.
42. Bisections at I, II, VI, VII.
58. Bisections at b_4, b_5, b_6.

Notes.

3. Image poor.
37. Thin clouds.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
42	+ 0.8	.. ....	...	+ 0.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Piscium	9	12 16.12	− 0.04	− **2.50**	323 47 57.78	43.358	+ 6.10	− 40.4	23 12 13.60	.....	+ 2 45 42.2	....
	July 12, Br.												
2	Sun I	9	24 56.17	− 0.02	− 2.47	343 0	......	....	. ....	7 24 53.68	+68.13	.. ..	....
3	Sun II	8	27 12.43	− 0.02	− 2.47	... .	......	....	. ....	7 27 9.94	−68.13	.. ..	....
	July 12, M.												
4	Saturn I	7	29 43.24	− 0.18	− 2.35	305 4	......	....	. ....	21 29 40.71	+ 0.63	.. ..	....
5	Saturn II	7	29 44.49	− 0.18	− 2.35	... .	......	....	. ....	21 29 41.96	− 0.62	.. ..	....
6	κ Capricorni	9	37 23.11	− 0.20	− 2.35	301 43 57.48	46.544	+ 6.10	−1 29.4	21 37 20.56	− 2.64	−19 17 54.2	−20.3
7	16 Pegasi	9	48 46.71	0.00	− **2.29**	346 29 59.72	44.388	+ 6.10	− 13.3	21 48 44.36	.....	+25 28 34.7	....
8	20 Pegasi	9	56 29.72	− 0.04	− 2.35	333 39 58.48	48.335	+ 6.10	− 27.4	21 56 27.33	− 2.62	+12 39 49.6	−13.4
9	20 Cephei	9	2 11.62	+ 0.16	− 2.35	23 20 0.92	44.038	+ 6.10	+ 24.1	22 2 9.43	.....	+62 19 5.3	....
10	ζ Cephei	9	7 37.24	+ 0.14	− 2.35	18 44 2.12	45.988	+ 6.10	+ 19.0	22 7 35.03	.....	+57 43 46.0	....
11	θ Aquarii	9	11 51.11	− 0.12	− **2.39**	312 45 58.62	46.592	+ 6.10	−1 0.0	22 11 48.64	.....	− 8 15 22.6	....
12	30 H. Ursæ Majoris s. p.	9	17 13.72	0.00	− 2.35	74 54 3.78	46.028	+ 6.10	+3 24.3	10 17 11.37	.....	+66 3 6.0	....
13	ζ Aquarii (*mean*)	9	23 58.18	− 0.08	− 2.35	320 31 57.68	43.262	+ 6.10	− 45.8	22 23 55.75	− 2.44	− 0 30 25.5	−16.0
14	η Aquarii	9	30 30.32	− 0.08	− **2.39**	320 25 58.15	43.102	+ 6.10	− 46.0	22 30 27.89	.....	− 0 36 28.9	....
15	10 Lacertæ	9	35 2.33	+ 0.06	− 2.35	359 34 1.38	45.265	+ 6.10	− 0.4	22 35 0.04	.....	+38 33 9.3	....
16	λ Pegasi	8	41 59.30	+ 0.01	− **2.34**	344 3 59.82	47.660	+ 6.10	− 15.8	22 41 56.96	.....	+23 3 47.1	....
17	γ Piscis Australis	9	47 16.34	− 0.30	− 2.35	287 39 58.95	48.048	+ 6.10	−2 52.3	22 47 13.69	− 2.23	−33 22 41.2	−23.7
18	52 Pegasi	9	54 28.38	− 0.02	− 2.35	332 13 59.45	46.580	+ 6.10	− 29.3	22 54 26.01	− 2.40	+11 13 8.6	−11.8
19	β Piscium	9	59 4.17	− 0.06	− 2.35	324 19 59.20	45.205	+ 6.10	− 39.9	22 59 1.76	− 2.30	+ 3 18 26.3	−14.0
20	A Piscium	9	3 50.61	− 0.06	− 2.35	322 37 59.75	45.655	+ 6.10	− 42.5	23 3 48.20	− 2.27	+ 1 36 34.6	−14.4
21	5 H^1. Cassiopeiæ	9	8 45.32	+ 0.18	− 2.35	17 38 2.85	47.510	+ 6.10	+ 17.8	23 8 43.15	.....	+56 38 20.1	....
	July 13, M.												
22	Sun I, N	9	29 0.07	− 0.01	− 2.31	343 8 1.02	42.410	+ 5.46	− 16.7	7 28 57.75	+68.05	+22 5 46.7	....
23	Sun II, S	9	31 16.18	− 0.01	− 2.31	342 36 0.12	43.818	+ 5.46	− 17.2	7 31 13.86	−68.06	+21 34 17.6	....
	July 13, R.												
24	τ Aquilæ	9	59 32.09	+ 0.01	− **2.21**	328 2 0.60	45.575	+ 5.80	− 35.0	19 59 29.84	.....	+ 7 0 40.8	....
25	β Capricorni	9	15 42.46	− 0.11	− **2.25**	305 57 58.55	43.652	+ 5.80	−1 17.3	20 15 40.09	.....	−15 4 47.5	....
26	ρ Capricorni	9	23 28.51	− 0.13	− **2.25**	302 53 58.58	47.255	+ 5.80	−1 26.5	20 23 26.12	.....	−18 7 34.3	....
27	ε Delphini	8	28 42.64	+ 0.03	− **2.21**	331 59 59.75	45.888	+ 5.80	− 29.8	20 28 40.41	.....	+10 58 52.3	....
28	73 Draconis	9	32 54.74	+ 0.52	− 2.26	35 38 4.12	44.885	+ 5.80	+ 40.4	20 32 53.00	.....	+74 37 43.0	....
29	ε Aquarii	9	42 34.09	− 0.08	− **2.35**	311 11 58.88	43.692	+ 5.80	−1 4.2	20 42 31.75	.....	− 9 50 33.1	....
30	μ Aquarii	9	47 33.82	− 0.07	− **2.31**	311 41 57.95	44.243	+ 5.80	−1 3.1	20 47 31.49	.....	− 9 20 20.4	....
31	γ Microscopii	9	55 29.86	− 0.25	− 2.26	288 25 58.88	45.285	+ 5.80	−2 46.8	20 55 27.35	.....	−32 37 39.2	....
32	σ^2 Ursæ Majoris s. p.	9	1 57.92	− 0.10	− 2.26	73 26 4.20	46.069	+ 5.80	+3 7.9	9 1 55.56	.....	+67 31 20.9	....
33	σ Cygni	9	13 43.87	+ 0.15	− 2.26	0 0 2.30	46.700	+ 5.80	+ 0.1	21 13 41.76	.....	+38 59 43.2	....
34	1 Pegasi	9	17 43.78	+ 0.06	− **2.23**	340 24 0.70	47.982	+ 5.80	− 20.0	21 17 41.58	.....	+19 23 50.9	....
35	69 Cygni	9	21 56.78	+ 0.14	− 2.26	357 16 2.48	45.812	+ 5.80	− 2.6	21 21 54.66	− 3.02	+36 15 20.3	−10.1
36	Saturn I, C	5	29 29.16	− 0.12	− 2.26	305 1 58.60	48.759	+ 5.80	−1 20.1	21 29 26.78	+ 0.58	−16 0 28.2	....
37	Saturn II	5	29 30.31	− 0.12	− 2.26	... .	......	....	. ....	21 29 27.93	− 0.57	.. ..	....
38	ε Pegasi	9	39 33.21	+ 0.02	− **2.28**	330 28 0.10	44.550	+ 5.80	− 31.9	21 39 30.97	.....	+ 9 26 19.9	....
	July 14, R.												
39	Sun I, S	8	33 3.63	+ 0.08	− 2.21	342 26 1.55	46.562	+ 4.61	− 17.4	7 33 1.50	+68.05	+21 25 20.5	....
40	Sun II, N	9	35 19.74	+ 0.08	− 2.21	342 58 2.92	45.265	+ 4.61	− 16.8	7 35 17.61	−68.06	+21 56 53.0	....
41	Mercury C, C	9	59 12.20	+ 0.08	− 2.20	343 26 1.78	46.192	+ 4.61	− 16.4	7 59 10.08	0.00	+22 25 13.4	....
	July 14, Ei.-Y.												
42	B. D.−17°4773	9	14 23.33	− 0.23	− 2.10	303 21 58.98	48.010	+ 5.50	−1 24.6	17 14 21.00	− 2.99	−17 39 15.0	− 7.1
43	σ Ophiuchi	9	21 49.93	− 0.11	− **2.08**	325 14 0.55	48.225	+ 5.50	− 38.8	17 21 47.72	.....	+ 4 13 37.2	....
44	ξ Serpentis	9	32 10.62	− 0.21	− **2.10**	305 41 58.00	45.398	+ 5.50	−1 17.6	17 32 8.31	.....	−15 20 8.7	....
45	C. P. D.−25°6038	9	34 44.17	− 0.28	− 2.10	295 27 58.22	46.988	+ 5.50	−1 56.7	17 34 41.79	− 3.22	−25 34 11.2	− 7.2
46	B. D.−17°4903	9	38 38.28	− 0.22	− 2.10	303 19 58.65	46.470	+ 5.50	−1 24.8	17 38 35.96	− 3.04	−17 41 50.7	− 8.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 23 12	29.55	68.0	66.9
12 21 37	29.54	66.5	64.1
22 17	29.55	65.3	63.0
23 9	29.55	63.8	62.2
13 7 31	29.74	72.0	71.1
20 0	29.895	64.8	63.7
20 26	......	....	64.0
20 51	29.90	64.2	63.4
21 26	......	....	63.0
21 43	29.90	63.7	62.7
14 7 35	30.03	76.7	76.0
7 59	30.03	77.2	76.1
17 12	29.985	69.8	68.0

Micrometer bisections are made at II, VI, except as noted below.

6, 17, 31, 32, 36, 41. Bisections at I, II, VI, VII.
9, 12. Bisections at III, V.
10. Bisections at III, IV.
13, 23, 28, 40. Bisections at VI, VII.
22, 27, 39. Bisections at I, II.
30. Bisections at II, VI, VII.
36. Z. D. threads C used.
42. Bisections at II, VII.

Notes.

12, 17. Poor.
24–38. Conditions very poor.
45. Difficult.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
22	+ 2.5	−15 44.6	...	−15 42.1
23	+ 2.5	+15 44.5	...	+15 47.0
36	+ 0.8	.. ....	...	+ 0.8
39	+ 2.6	+15 46.2	...	+15 48.8
40	+ 2.5	−15 46.2	...	−15 43.7
41	+ 1.9	.. ....	0.0	+ 1.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −18°4645	9	41 55.54	− 0.23	− 2.10	302 57 59.92	45.760	+ 5.50	−1 26.0	17 41 53.21	− 3.06	−18 4 6.9	− 9.0
2	C. P. D. −27°5802	9	44 26.46	− 0.29	− 2.10	294 1 59.42	43.225	+ 5.50	−2 4.7	17 44 24.07	− 3.28	−27 1 44.0	− 7.8
3	B. D. −19°4725	9	46 13.41	− 0.24	− 2.10	301 32 0.05	47.072	+ 5.50	−1 30.9	17 46 11.07	− 3.09	−19 29 41.7	− 9.1
4	C. P. D. −28°6043	9	50 43.83	− 0.30	− 2.10	292 59 52.88	46.010	+ 5.30	−2 10.9	17 50 41.43	− 3.32	−28 2 53.1	− 8.2
5	B. D. −22°4474	9	53 14.47	− 0.26	− 2.10	298 31 52.82	46.202	+ 5.50	−1 42.5	17 53 12.11	− 3.17	−22 30 20.3	− 9.2
6	C. P. D. −25°6223	9	54 10.48	− 0.28	− 2.10	295 57 54.82	45.895	+ 5.50	−1 54.3	17 54 8.10	− 3.24	−25 4 37.2	− 8.9
7	C. P. D. −27°6011	9	56 57.15	− 0.30	− 2.10	293 13 53.08	44.460	+ 5.50	−2 9.5	17 56 54.75	− 3.31	−27 49 26.9	− 8.7
8	C. P. D. −24°6201	9	59 22.83	− 0.27	− 2.10	296 37 53.55	47.295	+ 5.50	−1 51.0	17 59 20.46	− 3.23	−24 24 3.2	− 9.4
9	C. P. D. −27°6176	9	2 57.09	− 0.30	− 2.10	293 15 53.20	43.755	+ 5.50	−2 9.4	18 2 54.69	− 3.32	−27 47 42.8	− 9.2
10	B. D. −19°4886 (*mean*)	9	5 38.82	− 0.23	− 2.10	301 9 53.00	48.012	+ 5.50	−1 32.2	18 5 36.49	− 3.13	−19 51 28.6	−10.5
11	B. D. −20°5054	9	9 34.78	− 0.24	− 2.10	300 17 53.72	43.508	+ 5.50	−1 35.5	18 9 32.44	− 3.15	−20 45 14.1	−10.7
12	B. D. −17°5112	9	11 41.81	− 0.21	− 2.10	303 37 53.10	45.660	+ 5.50	−1 23.9	18 11 39.50	− 3.08	−17 24 13.9	−11.2
13	δ Sagittarii	9	14 56.68	− 0.31	− 2.10	291 11 53.18	43.630	+ 5.50	−2 23.2	18 14 54.27	....	−29 51 59.5	....
14	B. D. −20°5118	9	17 42.08	− 0.26	− 2.10	300 19 52.62	47.052	+ 5.50	−1 35.3	18 17 39.72	− 3.16	−20 41 54.0	−10.8
15	λ Sagittarii	9	22 8.43	− 0.27	− 2.10	295 33 52.92	46.830	+ 5.50	−1 56.4	18 22 6.06	....	−25 28 19.8	....
16	B. D. −18°4982	9	24 38.68	− 0.22	− 2.10	302 13 53.38	48.548	+ 5.50	−1 28.5	18 24 36.36	− 3.12	−18 47 12.2	−11.9
17	C. P. D. −30°5557	9	28 10.97	− 0.32	− 2.10	290 5 53.90	46.208	+ 5.50	−2 31.5	18 28 8.55	− 3.42	−30 57 8.2	−11.0
18	C. P. D. −28°6611	9	31 4.89	− 0.30	− 2.10	292 27 53.78	45.478	+ 5.50	−2 14.4	18 31 2.49	− 3.35	−28 35 7.9	−11.4
19	29 H¹. Sagittarii	9	33 15.42	− 0.24	− 2.09	299 53 53.18	47.668	+ 5.50	−1 37.0	18 33 13.09	− 3.17	−21 7 41.1	−12.2
20	B. D. −22°4835	9	37 38.49	− 0.25	− 2.09	298 31 53.12	46.912	+ 5.50	−1 42.5	18 37 36.15	− 3.20	−22 30 3.9	−12.4
21	B. D. −19°5154	9	40 26.51	− 0.22	− 2.09	301 19 52.90	46.120	+ 5.50	−1 31.7	18 40 24.20	− 3.14	−19 42 11.4	−12.9
22	B. D. −18°5179	9	43 13.22	− 0.22	− 2.09	302 19 53.68	45.800	+ 5.50	−1 28.2	18 43 10.91	− 3.12	−18 42 14.4	−13.1
23	B. D. −22°4892	9	46 27.91	− 0.24	− 2.09	299 1 53.22	42.182	+ 5.50	−1 40.6	18 46 25.58	− 3.19	−22 1 50.0	−13.1
24	B. D. −22°4915	9	49 24.51	− 0.24	− 2.09	298 15 53.85	43.788	+ 5.50	−1 43.8	18 49 22.18	− 3.20	−22 47 15.8	−13.2
25	ξ Sagittarii	9	52 5.69	− 0.23	− 2.09	299 49 53.15	42.255	+ 5.50	−1 37.4	18 52 3.37	− 3.17	−21 13 45.2	−13.5
26	B. D. −22°4946	9	55 56.04	− 0.24	− 2.09	298 13 52.72	42.898	+ 5.50	−1 44.0	18 55 53.71	− 3.20	−22 49 37.5	−13.7
27	C. P. D. −23°7360 (*fol.*)	9	58 32.18	− 0.24	− 2.09	297 59 53.12	47.078	+ 5.50	−1 45.0	18 58 29.85	− 3.20	−23 2 2.6	−13.8
28	C. P. D. −28°6781	9	1 33.94	− 0.29	− 2.09	292 15 54.05	46.172	+ 5.50	−2 15.9	19 1 31.56	− 3.33	−28 46 53.2	−13.8
29	B. D. −22°4992	9	3 50.52	− 0.24	− 2.09	298 31 53.48	42.860	+ 5.50	−1 42.7	19 3 48.19	− 3.19	−22 31 36.3	−14.2
30	B. D. −22°5021	9	8 29.44	− 0.24	− 2.09	298 49 52.88	43.915	+ 5.50	−1 41.5	19 8 27.11	− 3.18	−22 13 11.6	−14.5
31	*d* Sagittarii	9	12 6.56	− 0.21	− **2.10**	301 53 53.60	48.602	+ 5.50	−1 29.7	19 12 4.26	....	−19 7 12.0	....
32	B. D. −22°5063	9	14 58.57	− 0.24	− 2.09	298 27 53.72	45.432	+ 5.50	−1 43.0	19 14 56.24	− 3.17	−22 34 37.6	−14.9
33	C. P. D. −28°6911	9	18 36.84	− 0.28	− 2.09	292 59 53.25	46.052	+ 5.50	−2 11.1	19 18 34.47	− 3.28	−28 2 52.0	−15.0
34	186 G. Sagittarii	9	20 58.24	− 0.30	− 2.09	291 7 53.88	44.248	+ 5.50	−2 23.9	19 20 55.85	− 3.33	−29 55 45.4	−15.1
35	C. P. D. −24°6746	9	25 12.04	− 0.25	− 2.09	296 53 53.75	45.145	+ 5.50	−1 50.0	19 25 9.70	− 3.19	−24 8 51.1	−15.5
36	B. D. −16°5360	9	28 54.26	− 0.19	− 2.09	304 27 54.80	44.372	+ 5.50	−1 21.5	19 28 51.98	− 3.06	−16 34 39.3	−15.8
37	*h* Sagittarii	9	30 57.52	− 0.25	− 2.09	295 57 53.75	43.700	+ 5.50	−1 54.6	19 30 55.18	....	−25 5 28.7	....
38	B. D. −22°5183	9	34 18.33	− 0.23	− 2.09	298 45 52.82	45.348	+ 5.50	−1 41.8	19 34 16.01	− 3.14	−22 16 39.2	−16.1
39	*e* Sagittarii	9	37 7.04	− 0.19	− 2.09	304 39 52.82	49.618	+ 5.50	−1 20.9	19 37 4.76	− 3.04	−16 20 40.8	−16.2
40	C. P. D. −26°6840	9	41 13.02	− 0.26	− 2.09	294 19 52.52	44.905	+ 5.50	−2 3.3	19 41 10.67	− 3.21	−26 43 11.1	−16.5
41	B. D. −21°5542	9	44 45.50	− 0.23	− 2.09	299 9 52.72	44.970	+ 5.50	−1 40.1	19 44 43.18	− 3.11	−21 52 46.2	−16.6
42	β Aquilæ	9	50 40.89	− 0.06	− **2.09**	327 11 54.92	44.820	+ 5.50	− 36.2	19 50 38.74	....	+ 6 10 16.3	....
43	ε Aquarii	9	42 33.93	− 0.13	− **2.12**	311 11 53.18	43.948	+ 5.50	−1 4.1	20 42 31.72	....	− 9 50 33.2	....
44	B. D. −13°5773	9	45 29.41	− 0.15	− 2.08	308 7 54.45	46.352	+ 5.50	−1 11.4	20 45 27.18	− 2.85	−12 53 44.3	−18.5
45	C. P. D. −24°7105	9	47 28.67	− 0.23	− 2.08	296 53 52.95	46.730	+ 5.50	−1 50.2	20 47 26.36	− 2.94	−24 8 15.9	−19.7
46	C. P. D. −23°7879	9	49 34.54	− 0.22	− 2.08	297 49 53.25	45.450	+ 5.50	−1 46.0	20 49 32.24	− 2.93	−23 12 40.7	−18.7
47	B. D. −19°5982	9	54 14.09	− 0.19	− 2.08	301 37 53.70	46.192	+ 5.50	−1 30.9	20 54 11.82	− 2.87	−19 24 8.1	−19.4
48	B. D. −12°5890	9	56 50.74	− 0.14	− 2.08	308 57 53.58	45.532	+ 5.50	−1 9.4	20 56 48.52	− 2.81	−12 4 1.9	−18.6
49	θ Capricorni	9	0 38.20	− 0.18	− **2.05**	303 25 53.40	44.855	+ 5.50	−1 24.9	21 0 35.94	....	−17 36 33.0	....
50	B. D. −13°5857	9	3 4.84	− 0.15	− 2.08	307 45 53.95	46.415	+ 5.50	−1 12.4	21 3 2.61	− 2.79	−13 15 44.3	−18.9
51	C. P. D. −23°7931	9	5 12.02	− 0.23	− 2.08	297 19 53.52	48.260	+ 5.50	−1 48.2	21 5 9.71	− 2.87	−23 41 38.4	−20.3
52	B. D. −22°5630	9	8 36.06	− 0.22	− 2.08	298 25 53.58	46.725	+ 5.50	−1 43.3	21 8 33.76	− 2.84	−22 36 8.5	−20.2
53	B. D. −15°5935	9	10 31.15	− 0.17	− 2.08	305 27 54.42	46.225	+ 5.50	−1 18.7	21 10 28.90	− 2.78	−15 33 54.5	−19.4
54	B. D. −16°5840	8	14 0.09	− 0.17	− 2.08	304 27 54.75	44.408	+ 5.50	−1 21.7	21 13 57.84	− 2.77	−16 34 38.7	−19.6
55	ι Capricorni	9	16 59.20	− 0.18	− **2.07**	303 47 54.80	45.480	+ 5.50	−1 23.8	21 16 56.94	....	−17 14 16.2	....
56	B. D. −18°5935	9	20 59.68	− 0.19	− 2.08	302 27 53.72	47.758	+ 5.50	−1 28.0	21 20 57.41	− 2.75	−18 33 29.5	−20.0
57	B. D. −12°5998	9	22 31.34	− 0.14	− 2.08	308 57 54.05	43.990	+ 5.50	−1 9.4	21 22 29.12	− 2.72	−12 4 36.7	−19.0
58	B. D. −14°6047	9	25 29.90	− 0.16	− 2.08	306 19 53.35	44.930	+ 5.50	−1 16.3	21 25 27.66	− 2.71	−14 42 22.8	−19.5
59	B. D. −20°6238	9	29 36.11	− 0.20	− 2.08	300 21 53.25	45.840	+ 5.50	−1 35.6	21 29 33.83	− 2.72	−20 40 21.3	−20.5
60	B. D. −20°6251	9	31 47.43	− 0.20	− 2.08	301 7 53.68	48.110	+ 5.50	−1 32.7	21 31 45.15	− 2.71	−19 53 26.1	−20.4
61	B. D. −13°5985	9	34 31.14	− 0.15	− 2.08	307 59 53.45	42.835	+ 5.50	−1 11.9	21 34 28.91	− 2.67	−13 3 6.1	−19.3
62	B. D. −20°6270	9	37 56.36	− 0.20	− 2.08	300 59 53.68	43.488	+ 5.50	−1 33.4	21 37 54.08	− 2.68	−20 3 12.5	−20.5
63	B. D. − 9°5833	9	41 13.89	− 0.13	− 2.08	311 19 52.42	43.212	+ 5.50	−1 3.9	21 41 11.68	− 2.64	− 9 42 50.6	−18.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 17 42	......	....	67.3
18 7	29.985	68.6	66.9
18 35	......	....	66.8
19 0	29.99	68.0	66.2
19 27	......	....	65.9
19 52	29.97	67.0	65.5
20 40	29.98	[illegible]	65.0
21 7	......	....	64.9
21 36	29.98	66.0	64.6

Micrometer bisections are made at II, VI, except as noted below.

5, 41. Bisections at I, II.
6, 53. Bisections at VI, VII.
7, 8, 13, 21, 24, 26, 28, 33, 47, 51, 52, 62. } Bisections at II, VII.

Notes.

5-10. Stars approximately a magnitude too faint.
10. Elongated.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −13°6027	9	44 34.69	− 0.15	− 2.08	307 51 54.38	45.968	+ 5.50	−1 12.2	21 44 32.46	− 2.63	−13 9 53.9	−19.4
2	B. D. −17°6397	9	47 29.86	− 0.18	− 2.08	303 31 53.48	44.462	+ 5.50	−1 24.7	21 47 27.60	− 2.62	−17 30 41.7	−20.2
3	B. D. − 7°5669	8	51 15.00	− 0.12	− 2.08	313 35 54.00	45.635	+ 5.50	− 59.0	21 51 12.80	− 2.60	− 7 25 48.7	−18.3
4	B. D. −11°5726	9	54 42.73	− 0.14	− 2.08	310 15 54.12	45.572	+ 5.50	−1 6.3	21 54 40.51	− 2.58	−10 45 57.3	−19.0
5	B. D. − 7°5688	9	58 18.33	− 0.11	− 2.08	314 1 54.08	48.062	+ 5.50	− 58.1	21 58 16.14	− 2.57	− 6 58 52.3	−18.2
6	ι Aquarii	9	1 20.04	− 0.16	− **2.10**	306 41 53.58	46.398	+ 5.50	−1 15.3	22 1 17.80	.....	−14 19 48.0	....
7	B. D. − 8°5817	9	4 27.12	− 0.14	− 2.08	312 21 53.68	47.500	+ 5.50	−1 1.6	22 4 24.90	− 2.54	− 8 39 9.0	−18.5
8	B. D. −11°5777	9	7 14.58	− 0.14	− 2.08	309 29 52.80	45.475	+ 5.50	−1 8.2	22 7 12.36	− 2.52	−11 32 2.8	−19.1
9	B. D. − 5°5738	9	8 56.29	− 0.10	− 2.08	316 5 54.85	46.750	+ 5.50	− 54.1	22 8 54.11	− 2.53	− 4 55 17.5	−17.6
10	B. D. − 9°5948	8	11 53.23	− 0.13	− 2.08	311 31 53.85	43.242	+ 5.50	−1 3.5	22 11 51.02	− 2.50	− 9 30 48.0	−18.6
11	ρ Aquarii	9	15 13.61	− 0.12	− 2.08	312 43 53.98	45.538	+ 5.50	−1 0.8	22 15 11.41	− 2.49	− 8 17 52.8	−18.4
12	B. D. − 9°5978	.	.. ..	....	....	312 1 55.22	46.158	+ 5.50	−1 2.3	22 22	.....	− 8 59 38.8	−18.5
13	B. D. − 5°5806	8	25 32.37	− 0.11	− 2.08	315 43 54.45	44.182	+ 5.50	− 54.8	22 25 30.18	− 2.45	− 5 18 17.3	−17.5
14	B. D. −15°6243	9	29 23.19	− 0.17	− 2.08	305 25 54.10	44.752	+ 5.50	−1 18.9	22 29 20.94	− 2.40	−15 36 28.7	−20.0
15	B. D. −16°6142(*mean*)	9	38 28.62	− 0.17	− 2.08	304 23 53.40	46.022	+ 5.50	−1 22.0	22 38 26.37	− 2.35	−16 38 3.5	−20.1
16	B. D. −14°6346	9	42 41.53	− 0.16	− 2.08	306 27 54.05	47.405	+ 5.50	−1 16.0	22 42 39.29	− 2.33	−14 33 25.2	−19.6
17	B. D. − 1°4351	9	45 51.29	− 0.08	− 2.08	319 55 54.38	47.460	+ 5.50	− 47.3	22 45 49.13	− 2.38	− 1 4 55.0	−16.0
18	λ Aquarii	9	47 40.98	− 0.12	− **2.09**	312 55 54.78	47.485	+ 5.50	−1 0.4	22 47 38.78	.....	− 8 5 7.1	....
19	δ Aquarii	9	49 37.93	− 0.17	− **2.06**	304 41 54.02	47.315	+ 5.50	−1 21.0	22 49 35.68	.....	−16 19 32.3	....
20	φ Aquarii	9	9 25.49	− 0.11	− **2.07**	314 27 54.15	45.845	+ 5.50	− 57.3	23 9 23.31	.....	− 6 33 42.0	....
21	B. D. − 5°5957	9	10 27.33	− 0.10	− 2.07	315 57 55.10	47.238	+ 5.50	− 54.3	23 10 25.16	− 2.23	− 5 3 6.3	−16.5
	July 15, Br.												
22	Sun I, S.	9	37 6.66	+ 0.03	− 2.14	342 17 56.40	43.440	+ 4.96	− 17.5	7 37 4.55	+68.00	+21 16 4.3	....
23	Sun II, N.	9	39 22.66	+ 0.03	− 2.14	342 49 55.90	42.150	+ 4.96	− 16.9	7 39 20.55	−68.00	+21 47 35.1	....
24	γ Serpentis	9	52 5.37	− 0.06	− **2.04**	336 59 57.60	45.112	+ 6.34	− 23.2	15 52 3.24	.....	+15 58 39.5	....
25	τ Herculis	9	56 59.76	− 0.05	− 2.07	339 5 58.60	46.408	+ 6.34	− 20.9	15 56 57.64	− 2.12	+18 5 12.4	−11.0
26	ω² Scorpii	9	1 51.51	− 0.22	− 2.06	300 25 56.62	45.000	+ 6.34	−1 32.8	16 1 49.23	− 2.79	−20 36 33.5	− 0.8
27	ν Scorpii (*mean*)	9	6 29.91	− 0.21	− **2.09**	301 49 56.85	44.488	+ 6.34	−1 27.9	16 6 27.64	.....	−19 12 40.1	....
28	ε Ophiuchi	9	13 19.16	− 0.13	− **2.04**	316 33 56.90	46.198	+ 6.34	− 51.8	16 13 16.97	.....	− 4 27 24.9	....
29	σ Serpentis	9	17 17.21	− 0.10	− 2.06	322 17 59.18	42.598	+ 6.34	− 42.3	16 17 15.05	− 2.44	+ 1 15 24.6	− 7.7
30	98 B. Draconis	9	22 23.23	+ 0.07	− 2.06	16 26 1.32	46.078	+ 6.34	+ 16.3	16 22 21.24	− 1.93	+55 25 44.8	−18.2
31	β Herculis	9	26 9.91	− 0.03	− **2.10**	342 41 58.25	48.718	+ 6.34	− 17.0	16 26 7.82	.....	+21 42 8.7	....
32	ζ Ophiuchi	9	31 57.22	− 0.15	− **2.05**	310 39 55.38	44.475	+ 6.34	−1 3.7	16 31 55.01	.....	−10 22 17.7	....
33	24 Scorpii	7	36 6.22	− 0.19	− 2.06	303 29 57.02	42.522	+ 6.34	−1 22.6	16 36 3.97	− 2.86	−17 33 19.6	− 4.2
	July 16, M.												
34	Sun I, S.	9	41 9.14	+ 0.01	− 1.93	342 7 48.75	44.630	+ 6.14	− 17.3	7 41 7.22	+67.84	+21 6 25.2	....
35	Sun II, N.	9	43 24.83	+ 0.01	− 1.93	342 39 45.45	43.435	+ 6.14	− 16.8	7 43 22.91	−67.85	+21 37 55.3	....
36	γ Serpentis	9	52 5.17	− 0.06	− **1.85**	336 59 45.88	45.565	+ 7.00	− 23.4	15 52 3.18	.....	+15 58 38.6	....
37	τ Herculis	9	56 59.54	− 0.05	− 1.93	339 5 46.60	46.920	+ 6.97	− 21.1	15 56 57.56	− 2.11	+18 5 12.5	−11.1
38	ν Scorpii (*mean*)	9	6 29.72	− 0.20	− **1.92**	301 49 42.70	45.122	+ 6.90	−1 28.7	16 6 27.60	.....	−19 12 40.0	....
39	ε Ophiuchi	9	13 18.99	− 0.13	− **1.88**	316 33 43.70	46.792	+ 6.85	− 52.2	16 13 16.94	.....	− 4 27 24.5	....
40	σ Serpentis	9	17 17.04	− 0.10	− 1.92	322 17 45.08	43.212	+ 6.82	− 42.6	16 17 15.02	− 2.43	+ 1 15 24.7	− 7.8
41	98 B. Draconis	9	22 23.04	+ 0.07	− 1.92	16 25 47.52	46.678	+ 6.78	+ 16.4	16 22 21.19	− 1.90	+55 25 45.1	−18.4
42	β Herculis	9	26 9.72	− 0.04	− **1.91**	342 41 46.18	49.212	+ 6.75	− 17.1	16 26 7.76	.....	+21 42 8.3	....
43	ζ Ophiuchi	9	31 57.08	− 0.15	− **1.92**	310 39 42.48	45.032	+ 6.71	−1 4.1	16 31 55.01	.....	−10 22 17.9	....
44	24 Scorpii	9	36 6.11	− 0.18	− 1.92	303 29 42.85	43.138	+ 6.67	−1 23.2	16 36 4.01	− 2.85	−17 33 19.9	− 4.2
45	18 Ophiuchi	9	43 58.92	− 0.22	− 1.92	296 35 43.32	41.776	+ 6.62	−1 49.8	16 43 56.78	− 3.05	−24 28 17.2	− 3.2
46	53 Herculis	9	49 23.73	0.00	− 1.92	352 53 45.82	42.900	+ 6.58	− 6.9	16 49 21.81	− 2.25	+31 51 53.7	−15.6
47	κ Ophiuchi	9	53 11.85	− 0.06	− **1.88**	330 31 45.25	48.575	+ 6.55	− 31.2	16 53 9.87	.....	+ 9 31 38.5	....
	July 16, Ei.-Y.												
48	σ Ophiuchi	8	21 49.61	− 0.08	− **1.80**	325 13 57.18	48.295	+ 6.46	− 38.4	17 21 47.66	.....	+ 4 13 36.8	....
49	ξ Serpentis	9	32 10.38	− 0.16	− **1.91**	305 41 55.58	45.412	+ 6.46	−1 16.9	17 32 8.35	.....	−15 20 9.2	....
50	C. P. D. −25°6038	9	34 43.87	− 0.22	− 1.87	295 27 55.30	47.072	+ 6.46	−1 55.6	17 34 41.78	− 3.22	−25 34 10.2	− 7.1
51	B. D. −17°4903	9	38 38.01	− 0.17	− 1.87	303 19 55.18	46.545	+ 6.46	−1 24.0	17 38 35.97	− 3.04	−17 41 50.7	− 8.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 21 57	......	....	64.5
22 16	29.975	65.7	64.3
22 45	......	....	64.1
23 12	29.97	65.3	64.1
15 7 39	29.955	78.0	77.2
15 47	29.87	78.0	77.0
16 26	......	....	76.2
16 36	29.865	76.9	76.0
16 7 43	29.89	86.1	85.2
15 52	......	....	70.8
15 57	29.82	73.0	....
16 26	......	....	71.8
16 56	29.83	72.9	71.0
17 19	29.85	72.3	70.0

Micrometer bisections are made at II, VI, except as noted below.

5, 11, 14.	Bisections at II, VII.
20, 22, 34.	Bisections at I, II.
23, 31, 33, 35.	Bisections at VI, VII.
30.	Bisections at III, V.
45.	Bisections at I, II, VI, VII.

Notes.

32.	Clouds.
42.	Micrometer reading increased 1 rev.
48–51.	Conditions very poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
22	+ 2.6	+15 45.3	...	+15 47.9
23	+ 2.5	−15 45.4	...	−15 42.9
34	+ 2.6	+15 45.0	...	+15 47.6
35	+ 2.5	−15 45.0	...	−15 42.5

No.	Date Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −18°4645	9	41 55.22	− 0.17	− 1.87	302 57 55.42	45.872	+ 6.46	−1 25.2	17 41 53.18	− 3.05	−18 4 7.1	− 9.0
2	C. P. D. −27°5802	9	44 26.15	− 0.22	− 1.87	294 1 54.58	43.310	+ 6.46	−2 3.5	17 44 24.06	− 3.28	−27 1 44.8	− 7.7
3	B. D. −16°4639	9	46 50.71	− 0.16	− 1.87	304 5 55.18	44.830	+ 6.46	−1 21.6	17 46 48.68	− 3.04	−16 56 27.5	− 9.5
4	C. P. D. −28°6043	9	50 43.57	− 0.23	− 1.87	292 59 54.72	45.838	+ 6.46	−2 9.6	17 50 41.47	− 3.31	−28 2 52.9	− 8.1
5	C. P. D. −25°6223	9	54 10.18	− 0.21	− 1.87	295 57 55.30	45.790	+ 6.46	−1 53.2	17 54 8.10	− 3.24	−25 4 37.1	− 8.8
6	C. P. D. −27°6011	9	56 56.88	− 0.22	− 1.87	293 13 54.15	44.310	+ 6.46	−2 8.2	17 56 54.79	− 3.32	−27 49 27.0	− 8.6
7	B. D. −21°4866	9	2 58.36	− 0.18	− 1.87	299 33 54.48	47.790	+ 6.46	−1 37.3	18 2 56.31	− 3.16	−21 27 36.3	−10.0
8	C. P. D. −28°6374	9	5 57.66	− 0.23	− 1.87	292 7 55.02	45.278	+ 6.46	−2 15.2	18 5 55.56	− 3.36	−28 55 11.0	− 9.2
9	B. D. −20°5054	9	9 34.51	− 0.18	− 1.87	300 17 55.70	43.332	+ 6.46	−1 34.6	18 9 32.46	− 3.15	−20 45 14.3	−10.6
10	B. D. −17°5112	9	11 41.59	− 0.15	− 1.86	303 37 55.25	45.510	+ 6.46	−1 23.1	18 11 39.58	− 3.09	−17 24 13.4	−11.2
11	δ Sagittarii	9	14 56.40	− 0.23	− 1.86	291 11 54.72	43.405	+ 6.46	−2 21.8	18 14 54.31	....	−29 52 0.7	....
12	B. D. −20°5118	9	17 41.82	− 0.17	− 1.86	300 19 55.05	46.878	+ 6.46	−1 34.4	18 17 39.79	− 3.16	−20 41 53.7	−11.2
13	λ Sagittarii	9	22 8.11	− 0.20	− 1.86	295 33 54.78	46.676	+ 6.46	−1 55.3	18 22 6.05	....	−25 28 19.4	....
14	B. D. −18°4982	9	24 38.45	− 0.16	− 1.86	302 13 55.02	48.405	+ 6.46	−1 27.6	18 24 36.43	− 3.13	−18 47 12.0	−11.9
15	C. P. D. −30°5557	9	28 10.51	− 0.24	− 1.86	290 5 55.25	46.022	+ 6.46	−2 30.1	18 28 8.41	− 3.42	−30 57 8.6	−10.8
16	C. P. D. −28°6611	9	31 4.52	− 0.22	− 1.86	292 27 54.95	45.303	+ 6.46	−2 13.1	18 31 2.44	− 3.36	−28 35 8.4	−11.3
17	29 H¹. Sagittarii	9	33 15.21	− 0.17	− 1.86	299 53 53.85	47.545	+ 6.46	−1 36.1	18 33 13.18	− 3.18	−21 7 41.3	−12.2
18	B. D. −22°4835	9	37 38.13	− 0.18	− 1.86	298 31 54.50	46.800	+ 6.46	−1 41.6	18 37 36.09	− 3.21	−22 30 3.2	−12.4
19	B. D. −19°5154	9	40 26.28	− 0.16	− 1.86	301 19 54.20	45.990	+ 6.46	−1 30.8	18 40 24.26	− 3.15	−19 42 11.2	−12.8
20	B. D. −18°5179	9	43 12.98	− 0.15	− 1.86	302 19 54.78	45.700	+ 6.46	−1 27.4	18 43 10.97	− 3.13	−18 42 13.9	−13.1
21	B. D. −22°4892	9	46 27.67	− 0.17	− 1.86	299 1 54.72	42.022	+ 6.46	−1 39.6	18 46 25.64	− 3.20	−22 1 50.1	−13.0
22	B. D. −22°4915	9	49 24.22	− 0.18	− 1.86	298 15 55.15	43.652	+ 6.46	−1 42.8	18 49 22.18	− 3.21	−22 47 15.6	−13.2
23	ξ Sagittarii	9	52 5.42	− 0.17	− 1.86	299 49 54.55	42.086	+ 6.46	−1 36.5	18 52 3.39	− 3.18	−21 13 45.7	−13.4
24	B. D. −22°4946	9	55 55.85	− 0.18	− 1.86	298 13 54.85	42.705	+ 6.46	−1 43.0	18 55 53.81	− 3.21	−22 49 37.8	−13.6
25	C. P. D. −23°7360 (*fol.*)	9	58 31.94	− 0.18	− 1.86	297 59 54.45	46.920	+ 6.46	−1 43.9	18 58 29.90	− 3.21	−23 2 2.7	−13.8
26	C. P. D. −28°6781	9	1 33.62	− 0.21	− 1.86	292 15 54.28	46.042	+ 6.46	−2 14.5	19 1 31.55	− 3.34	−28 46 53.6	−13.6
27	B. D. −22°4992	9	3 50.23	− 0.17	− 1.86	298 31 54.70	42.738	+ 6.46	−1 41.7	19 3 48.20	− 3.20	−22 31 35.9	−14.1
28	B. D. −22°5021	9	8 29.17	− 0.17	− 1.86	298 49 54.30	43.782	+ 6.46	−1 40.4	19 8 27.14	− 3.19	−22 13 11.1	−14.4
29	*d* Sagittarii	9	12 6.22	− 0.15	− **1.80**	301 53 54.65	48.485	+ 6.46	−1 28.8	19 12 4.21	....	−19 7 11.7	....
30	B. D. −22°5063	9	14 58.22	− 0.17	− 1.86	298 27 54.50	45.320	+ 6.46	−1 41.9	19 14 56.19	− 3.19	−22 34 37.3	−14.9
31	C. P. D. −28°6911	9	18 36.56	− 0.20	− 1.86	292 59 54.42	45.885	+ 6.46	−2 9.7	19 18 34.50	− 3.30	−28 2 52.2	−14.9
32	186 G. Sagittarii	9	20 57.96	− 0.22	− 1.86	291 7 55.32	44.075	+ 6.46	−2 22.4	19 20 55.88	− 3.35	−29 55 45.4	−15.0
33	C. P. D. −24°6746	9	25 11.76	− 0.18	− 1.86	296 53 54.70	44.978	+ 6.46	−1 48.8	19 25 9.72	− 3.21	−24 8 51.8	−15.4
34	B. D. −16°5360	9	28 54.02	− 0.13	− 1.86	304 27 56.25	44.245	+ 6.46	−1 20.6	19 28 52.03	− 3.07	−16 34 38.9	−15.8
35	*h* Sagittarii	9	30 57.33	− 0.18	− 1.86	295 57 55.38	43.515	+ 6.46	−1 53.4	19 30 55.29	....	−25 5 29.1	....
36	B. D. −22°5183	9	34 18.12	− 0.16	− 1.86	298 45 54.80	45.155	+ 6.46	−1 40.6	19 34 16.10	− 3.16	−22 16 39.5	−16.0
37	*e* Sagittarii	9	37 6.82	− 0.12	− 1.86	304 39 55.00	49.458	+ 6.46	−1 19.9	19 37 4.84	− 3.06	−16 20 40.3	−16.2
38	C. P. D. −26°6840	9	41 12.73	− 0.19	− 1.86	294 19 53.25	44.761	+ 6.46	−2 1.9	19 41 10.68	− 3.23	−26 43 11.3	−16.4
39	B. D. −21°5542	9	44 45.19	− 0.16	− 1.86	299 9 53.90	44.818	+ 6.46	−1 39.0	19 44 43.17	− 3.13	−21 52 46.4	−16.6
40	α Aquilæ	9	46 10.82	− 0.02	− **1.90**	329 37 56.62	46.888	+ 6.46	− 32.4	19 46 8.94	....	+ 8 37 10.1	....
41	β Aquilæ	9	50 40.71	− 0.02	− **1.93**	327 11 55.50	44.780	+ 6.46	− 35.7	19 50 38.83	....	+ 6 10 17.4	....
42	ε Aquarii	9	42 33.70	− 0.10	− **1.89**	311 11 53.80	43.880	+ 6.25	−1 3.3	20 42 31.75	....	− 9 50 32.6	....
43	B. D. −17°6112	9	47 36.71	− 0.15	− 1.85	303 39 55.08	46.935	+ 6.22	−1 23.0	20 47 34.71	− 2.91	−17 21 41.2	−19.1
44	C. P. D. −23°7879	9	49 34.34	− 0.18	− 1.85	297 49 54.42	45.320	+ 6.21	−1 44.6	20 49 32.31	− 2.96	−23 12 40.3	−19.7
45	B. D. −19°5982	9	54 13.84	− 0.16	− 1.85	301 37 55.20	46.068	+ 6.18	−1 29.7	20 54 11.83	− 2.90	−19 24 7.6	−19.5
46	B. D. −12°5890	9	56 50.56	− 0.12	− 1.85	308 57 55.15	45.412	+ 6.16	−1 8.4	20 56 48.59	− 2.84	−12 4 1.4	−18.7
47	θ Capricorni	9	0 38.04	− 0.15	− **1.89**	303 25 55.08	44.730	+ 6.14	−1 23.8	21 0 36.04	....	−17 36 32.5	....
48	B. D. −13°5857	9	3 4.61	− 0.12	− 1.85	307 45 54.78	46.330	+ 6.13	−1 11.4	21 3 2.64	− 2.83	−13 15 43.8	−19.0
49	C. P. D. −23°7931	9	5 11.71	− 0.19	− 1.85	297 19 54.82	48.132	+ 6.11	−1 46.7	21 5 9.67	− 2.90	−23 41 37.9	−20.3
50	B. D. −22°5630	9	8 35.79	− 0.18	− 1.85	298 25 54.40	46.630	+ 6.10	−1 42.0	21 8 33.76	− 2.88	−22 36 7.9	−20.3
51	B. D. −15°5935	9	10 30.98	− 0.14	− 1.85	305 27 55.62	46.130	+ 6.08	−1 17.7	21 10 28.99	− 2.82	−15 33 53.9	−19.4
52	B. D. −16°5840	9	13 59.86	− 0.14	− 1.85	304 27 56.40	44.278	+ 6.06	−1 20.6	21 13 57.87	− 2.81	−16 34 38.3	−19.6
53	ι Capricorni	9	16 58.97	− 0.14	− **1.84**	303 47 55.52	45.375	+ 6.05	−1 22.7	21 16 56.98	....	−17 14 16.2	....
54	B. D. −18°5935	8	20 59.44	− 0.16	− 1.85	302 27 55.45	47.635	+ 6.02	−1 26.9	21 20 57.43	− 2.79	−18 33 28.9	−20.1
55	B. D. −12°5998	9	22 31.12	− 0.12	− 1.85	308 57 55.32	43.912	+ 6.01	−1 8.6	21 22 29.15	− 2.75	−12 4 35.9	−19.2
56	B. D. −14°6047	9	25 29.67	− 0.13	− 1.85	306 19 54.62	44.850	+ 6.00	−1 15.3	21 25 27.69	− 2.75	−14 42 21.8	−19.6
57	B. D. −20°6238	9	29 35.91	− 0.17	− 1.85	300 21 55.05	45.720	+ 5.97	−1 34.4	21 29 33.89	− 2.77	−20 40 20.6	−20.6
58	B. D. −20°6251	9	31 47.20	− 0.17	− 1.85	301 7 55.20	47.970	+ 5.96	−1 31.6	21 31 45.18	− 2.75	−19 53 26.3	−20.5
59	B. D. −13°5985	9	34 30.96	− 0.12	− 1.84	307 59 54.55	42.760	+ 5.94	−1 11.0	21 34 29.00	− 2.71	−13 3 5.4	−19.4
60	B. D. −20°6270	9	37 56.18	− 0.17	− 1.84	300 59 54.52	43.357	+ 5.92	−1 32.2	21 37 54.17	− 2.72	−20 3 13.0	−20.6
61	B. D. − 9°5833	9	41 13.66	− 0.11	− 1.84	311 19 54.62	43.108	+ 5.90	−1 3.1	21 41 11.71	− 2.68	− 9 42 49.5	−18.9
62	B. D. −13°6027	9	44 34.46	− 0.12	− 1.84	307 51 55.35	45.898	+ 5.88	−1 11.4	21 44 32.50	− 2.67	−13 9 53.3	−19.5
63	B. D. −17°6397	9	47 29.66	− 0.15	− 1.84	303 31 55.25	44.360	+ 5.87	−1 23.7	21 47 27.67	− 2.67	−17 30 40.9	−20.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 17 43	.....	....	69.9
18 7	29.85	71.2	69.6
18 35	.....	....	69.0
19 0	29.85	70.5	69.0
19 27	.....	....	69.0
19 52	29.84	70.5	69.7
20 40	29.84	70.0	69.4
21 6	.....	....	69.5
21 35	29.84	69.5	68.5

Micrometer bisections are made at II, VI, except as noted below.

3, 19, 20, 37, 60.	Bisections at II, VI, VII.
7, 8, 29, 30, 35, 59, 61.	Bisections at II, VII.
13, 15, 21, 23, 31, 38.	Bisections at I, II, VI, VII.
16, 22, 24, 25.	Bisections at I, II, VII.
28, 39.	Bisections at I, II.
32.	Bisections at I, II, VI.

Note.

1 41. Images poor; unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 7°5669	9	51 14.72	− 0.10	− 1.84	313 35 55.60	45.562	+ 5.84	− 58.3	21 51 12.78	− 2.64	− 7 25 47.7	−18.5
2	B. D.−11°5726	9	54 42.48	− 0.11	− 1.84	310 15 55.72	45.492	+ 5.82	−1 5.6	21 54 40.53	− 2.62	−10 45 56.5	−19.2
3	B. D.− 7°5688	9	58 18.11	− 0.09	− 1.84	314 1 55.95	47.962	+ 5.81	− 57.4	21 58 16.18	− 2.61	− 6 58 51.7	−18.4
4	ι Aquarii	9	1 19.84	− 0.13	− **1.89**	306 41 55.35	46.285	+ 5.78	−1 14.4	22 1 17.87	.....	−14 19 47.6	....
5	B. D.− 8°5817	9	4 26.98	− 0.10	− 1.84	312 21 55.12	47.405	+ 5.77	−1 0.9	22 4 25.04	− 2.58	− 8 39 8.8	−18.7
6	B. D.−11°5777	9	7 14.41	− 0.12	− 1.84	309 29 54.62	45.362	+ 5.75	−1 7.4	22 7 12.45	− 2.57	−11 32 2.5	−19.3
7	B. D.− 5°5738	9	8 56.12	− 0.08	− 1.84	316 5 56.78	46.652	+ 5.74	− 53.5	22 8 54.20	− 2.57	− 4 55 17.0	−17.9
8	B. D.− 9°5948	9	11 53.01	− 0.11	− 1.84	311 31 55.70	43.130	+ 5.72	−1 2.8	22 11 51.06	− 2.55	− 9 30 47.8	−18.8
9	ρ Aquarii	9	15 13.45	− 0.10	− 1.84	312 43 55.85	45.448	+ 5.70	−1 0.1	22 15 11.51	− 2.54	− 8 17 52.0	−18.6
10	B. D.− 5°5780	9	19 11.44	− 0.09	− 1.84	315 41 55.70	47.348	+ 5.68	− 54.2	22 19 9.51	− 2.53	− 5 19 2.9	−17.8
11	B. D.− 9°5978	9	21 48.41	− 0.10	− 1.84	312 1 55.78	46.118	+ 5.66	−1 1.6	22 21 46.47	− 2.50	− 8 59 38.3	−18.7
12	B. D.− 5°5806	9	25 32.17	− 0.09	− 1.84	315 43 56.60	44.075	+ 5.64	− 54.2	22 25 30.24	− 2.50	− 5 18 16.9	−17.8
13	B. D.−15°6243	9	29 22.98	− 0.14	− 1.84	305 25 55.32	44.680	+ 5.62	−1 18.1	22 29 21.00	− 2.46	−15 36 28.2	−20.1
14	B. D.−16°6142 (*mean*)	9	38 28.37	− 0.15	− 1.84	304 23 55.10	45.895	+ 5.56	−1 21.2	22 38 26.38	− 2.40	−16 38 3.7	−20.3
15	B. D.−14°6346	9	42 41.42	− 0.14	− 1.84	306 27 55.35	47.335	+ 5.54	−1 15.2	22 42 39.44	− 2.38	−14 33 24.7	−19.8
16	B. D.− 1°4351	9	45 51.14	− 0.07	− 1.84	319 55 57.25	47.335	+ 5.52	− 46.8	22 45 49.23	− 2.43	− 1 4 54.4	−16.3
17	λ Aquarii	9	47 40.76	− 0.10	− **1.84**	312 55 56.75	47.395	+ 5.51	− 59.8	22 47 38.82	.....	− 8 5 6.5	....
18	δ Aquarii	9	49 37.75	− 0.15	− **1.85**	304 41 56.08	47.212	+ 5.50	−1 20.2	22 49 35.76	.....	−16 19 31.8	....
19	φ Aquarii	5	9 25.29	− 0.09	− **1.84**	314 27 56.05	45.772	+ 5.38	− 56.6	23 9 23.36	.....	− 6 33 41.2	....
20	B. D.− 5°5957	9	10 27.14	− 0.09	− 1.84	315 57 58.08	47.122	+ 5.38	− 53.7	23 10 25.21	− 2.28	− 5 3 5.5	−16.8
	July 17, M.												
21	λ Ursæ Minoris	6	18 46.20	+ 1.52	+ 1.97	50 0 2.35	44.547	+ 6.56	+1 5.2	19 18 49.69	.....	+88 59 59.6	....
22	173 B. Camelopardalis S. P.	9	7 24.78	− 0.05	+ 1.97	64 56 2.85	45.342	+ 6.56	+1 56.8	8 7 26.70	.....	+76 2 49.6	....
23	γ Cygni	9	18 48.11	+ 0.01	+ 1.97	0 58 0.52	45.320	+ 6.56	+ 1.0	20 18 50.09	.....	+39 57 11.5	....
24	ρ Capricorni	9	23 24.39	− 0.16	+ **1.96**	302 53 55.70	47.249	+ 6.56	−1 24.2	20 23 26.20	.....	−18 7 34.2	....
25	ε Delphini	9	28 38.58	− 0.06	+ **1.99**	331 59 56.70	45.978	+ 6.56	− 29.0	20 28 40.49	.....	+10 58 52.8	....
26	73 Draconis	9	32 50.69	+ 0.14	+ 1.97	35 38 2.32	45.017	+ 6.56	+ 39.4	20 32 52.80	.....	+74 37 44.8	....
27	α Cygni	9	38 10.82	+ 0.02	+ 1.97	5 58 1.32	43.175	+ 6.56	+ 5.8	20 38 12.81	.....	+44 56 28.1	....
28	ε Aquarii	9	42 29.91	− 0.12	+ **1.93**	311 11 56.78	43.682	+ 6.56	−1 2.4	20 42 31.76	.....	− 9 50 32.9	....
29	μ Aquarii	9	47 29.66	− 0.12	+ **1.97**	311 41 56.52	44.245	+ 6.56	−1 1.3	20 47 31.51	.....	− 9 20 19.2	....
30	γ Microscopii	9	55 25.63	− 0.25	+ 1.97	288 25 56.52	45.169	+ 6.56	−2 42.2	20 55 27.35	.....	−32 37 38.9	....
31	98 B. Cephei	9	7 30.93	+ 0.17	+ 1.97	38 44 1.88	46.527	+ 6.56	+ 44.1	21 7 33.07	.....	+77 44 23.6	....
32	σ Cygni	9	13 39.86	+ 0.01	+ 1.97	0 0 0.02	46.800	+ 6.56	+ 0.1	21 13 41.84	.....	+38 59 43.9	....
33	1 Pegasi	9	17 39.71	− 0.04	+ **2.01**	340 23 58.88	48.052	+ 6.56	− 19.4	21 17 41.64	.....	+19 23 52.0	....
34	69 Cygni	9	21 52.70	0.00	+ 1.97	357 16 0.42	45.928	+ 6.56	− 2.6	21 21 54.67	− 3.09	+36 15 21.7	−11.2
35	β Cephei	9	27 28.61	+ 0.11	+ 1.97	31 8 2.22	47.285	+ 6.56	+ 33.2	21 27 30.69	.....	+70 8 30.4	....
36	ξ Aquarii	9	32 39.47	− 0.12	+ **1.94**	312 43 59.35	48.079	+ 6.56	− 59.1	21 32 41.32	.....	− 8 16 46.6	....
37	κ Capricorni	9	37 18.94	− 0.17	+ 1.97	301 43 56.98	46.506	+ 6.56	−1 28.2	21 37 20.74	− 2.74	−19 17 53.9	−20.5
38	δ Capricorni	9	41 45.55	− 0.15	+ **1.96**	304 27 57.85	47.294	+ 6.56	−1 19.5	21 41 47.37	.....	−16 33 26.4	....
39	16 Pegasi	9	48 42.58	− 0.02	+ **1.95**	346 29 59.45	44.430	+ 6.56	− 13.1	21 48 44.53	.....	+25 28 36.0	....
40	20 Pegasi	9	56 25.54	− 0.05	+ 1.97	333 39 57.60	48.375	+ 6.56	− 27.0	21 56 27.46	− 2.72	+12 39 50.5	−14.4
41	20 Cephei	9	2 7.57	+ 0.08	+ 1.97	23 19 59.65	44.188	+ 6.56	+ 23.7	22 2 9.62	.....	+62 19 7.6	....
42	ζ Cephei	9	7 33.21	+ 0.07	+ 1.97	18 44 0.05	46.155	+ 6.56	+ 18.7	22 7 35.25	.....	+57 43 47.9	....
43	θ Aquarii	9	11 46.82	− 0.12	+ **2.01**	312 45 57.28	46.625	+ 6.56	− 59.1	22 11 48.67	.....	− 8 15 21.9	....
44	3 Lacertæ	9	19 48.45	+ 0.04	+ 1.97	12 46 0.98	44.310	+ 6.56	+ 12.5	22 19 50.46	.....	+51 45 0.3	....
	July 18, M.												
45	Sun I, N	9	49 8.94	− 0.05	+ 1.97	342 19 59.62	41.812	+ 6.36	− 17.1	7 49 10.86	+67.68	+21 17 32.1	....
46	Sun II, S	9	51 24.31	− 0.05	+ 1.97	341 47 58.25	43.288	+ 6.36	− 17.6	7 51 26.23	−67.69	+20 46 4.1	....
47	Mercury C, C	9	33 16.09	− 0.05	+ 1.97	341 41 58.70	42.368	+ 6.77	− 17.7	8 33 18.01	+ 0.01	+20 39 43.8	....
	July 18, Ei.-Y.												
48	C. P. D.−24°6084	9	54 19.77	− 0.20	+ 2.02	296 45 50.72	46.145	+ 6.56	−1 47.1	17 54 21.59	− 3.22	−24 16 27.3	− 8.9
49	B. D.−17°4997	9	57 7.90	− 0.16	+ 2.02	303 31 50.70	43.182	+ 6.56	−1 21.8	17 57 9.76	− 3.07	−17 31 9.8	−10.2
50	72 Ophiuchi	9	2 48.67	− 0.07	+ **2.02**	330 33 52.30	47.195	+ 6.56	− 30.6	18 2 50.62	.....	+ 9 33 14.6	....
51	C. P. D.−29°5425	9	8 58.06	− 0.23	+ 2.02	291 11 50.62	46.388	+ 6.56	−2 18.9	18 8 59.85	− 3.38	−29 50 53.6	− 9.2
52	C. P. D.−27°6359	9	12 4.14	− 0.21	+ 2.02	293 57 50.22	46.635	+ 6.56	−2 1.5	18 12 5.95	− 3.31	−27 4 31.0	− 9.9
53	η Serpentis	9	16 21.48	− 0.11	+ **2.02**	318 5 53.92	46.730	+ 6.56	− 48.8	18 16 23.39	.....	− 2 55 12.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 21 56	.....	....	68.1
22 16	29.85	69.3	68.0
22 40	.....	....	67.2
23 12	29.84	68.5	67.7
17 19 19	29.85	78.4	78.0
20 7	29.84	77.7	77.0
20 42	.....	....	76.3
21 22	.....	....	76.0
21 46	29.84	76.4	75.9
22 28	29.83	76.0	75.7
18 7 51	29.89	87.1	87.9
8 33	29.89	88.8	89.1
17 44	29.85	81.0	80.2
18 18	.....	....	79.0

Micrometer bisections are made at II, VI, except as noted below.

7, 48, 51.	Bisections at II, VII.
14.	Bisections at I, II, VI.
19, 45.	Bisections at I, II.
21.	Bisections at b_3, b_4, b_5, b_6, b_7.
22.	Bisections at b_1, b_2, b_5, b_8, b_9.
24, 30, 36–38, 47.	Bisections at I, II, VI, VII.
26, 31, 35, 41, 42.	Bisections at III, IV, V.
29.	Bisection at VI.
46.	Bisections at VI, VII.

Notes.

30, 31. Clouds.
32. Micrometer reading increased 20 rev.
37, 38. Haze; faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
45	+ 2.6	−15 43.9	...	−15 41.3
46	+ 2.7	+15 44.0	...	+15 46.7
47	+ 2.1	......	0.0	+ 2.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −21°5027	9	24 50.32	− 0.18	+ 2.02	299 13 50.25	44.722	+ 6.56	−1 36.8	18 24 52.16	− 3.19	−21 48 50.0	−11.5
2	B. D. −20°5189	9	29 38.88	− 0.18	+ 2.02	300 7 51.62	44.735	+ 6.56	−1 33.4	18 29 40.72	− 3.18	−20 54 45.0	−12.0
3	84 G. Sagittarii	9	32 41.81	− 0.19	+ 2.02	297 27 50.50	44.530	+ 6.56	−1 44.3	18 32 43.64	− 3.24	−23 35 1.7	−11.9
4	B. D. −19°5134	9	37 17.08	− 0.17	+ 2.02	301 39 49.52	45.552	+ 6.56	−1 28.0	18 37 18.93	− 3.15	−19 22 23.0	−12.7
5	B. D. −17°5310	9	40 3.24	− 0.16	+ 2.02	303 23 50.60	45.195	+ 6.56	−1 22.4	18 40 5.10	− 3.12	−17 38 24.5	−13.0
6	B. D. −21°5138	9	42 14.69	− 0.18	+ 2.02	299 57 51.50	47.160	+ 6.56	−1 34.1	18 42 16.53	− 3.18	−21 3 50.4	−12.8
7	C. P. D. −24°6534	9	46 0.42	− 0.20	+ 2.02	296 17 51.10	42.618	+ 6.56	−1 49.7	18 46 2.24	− 3.27	−24 45 50.1	−12.7
8	σ Sagittarii	9	49 20.31	− 0.20	+ 2.02	294 37 50.65	45.815	+ 6.56	−1 58.1	18 49 22.13	....	−26 24 45.9	....
9	B. D. −19°5242	9	51 58.44	− 0.17	+ 2.02	301 45 50.48	45.052	+ 6.56	−1 27.7	18 52 0.29	− 3.15	−19 16 33.2	−13.6
10	B. D. −17°5409	9	54 52.23	− 0.16	+ 2.02	303 25 50.98	44.165	+ 6.56	−1 22.4	18 54 54.09	− 3.12	−17 36 47.6	−13.9
11	C. P. D. −24°6583	9	57 58.70	− 0.19	+ 2.02	296 57 51.42	46.902	+ 6.56	−1 46.6	18 58 0.53	− 3.25	−24 4 8.8	−12.6
12	B. D. −16°5153 (*south*)	8	1 22.20	− 0.15	+ 2.02	304 39 51.00	45.170	+ 6.56	−1 18.7	19 1 24.07	− 3.10	−16 22 21.0	−14.4
13	C. P. D. −23°7376	9	2 57.82	− 0.19	+ 2.02	297 41 50.98	46.510	+ 6.56	−1 43.4	19 2 59.65	− 3.23	−23 20 15.0	−14.0
14	C. P. D. −27°6662	9	8 0.64	− 0.21	+ 2.02	293 59 50.18	48.045	+ 6.56	−2 1.6	19 8 2.45	− 3.31	−27 1 58.9	−14.1
15	C. P. D. −28°6852	9	10 48.36	− 0.22	+ 2.02	292 11 50.52	48.598	+ 6.56	−2 12.5	19 10 50.16	− 3.35	−28 49 56.9	−14.2
16	B. D. −16°5272	9	13 40.90	− 0.15	+ 2.02	304 57 52.12	44.075	+ 6.56	−1 17.9	19 13 42.77	− 3.09	−16 4 44.1	−15.1
17	B. D. −18°5325	9	16 16.24	− 0.16	+ 2.02	302 31 50.32	49.144	+ 6.56	−1 25.2	19 16 18.10	− 3.13	−18 28 57.3	−15.1
18	C. P. D. −24°6721	9	19 27.45	− 0.19	+ 2.02	296 21 50.70	43.595	+ 6.56	−1 49.5	19 19 29.28	− 3.24	−24 41 28.0	−15.0
19	B. D. −17°5633	9	21 15.99	− 0.15	+ 2.02	304 3 50.32	45.625	+ 6.56	−1 20.5	19 21 17.86	− 3.10	−16 58 13.0	−15.4
20	B. D. −22°5127	9	24 37.16	− 0.18	+ 2.02	298 19 50.45	48.525	+ 6.56	−1 40.7	19 24 39.00	− 3.20	−22 41 26.8	−15.4
21	C. P. D. −24°6757	9	28 47.68	− 0.19	+ 2.02	296 57 51.00	47.980	+ 6.56	−1 46.7	19 28 49.51	− 3.22	−24 3 44.7	−15.6
22	B. D. −19°5521	9	30 51.66	− 0.16	+ 2.02	301 57 51.68	47.408	+ 6.56	−1 27.1	19 30 53.52	− 3.12	−19 3 37.5	−15.9
23	C. P. D. −28°6981	9	32 58.30	− 0.21	+ 2.02	292 13 49.70	45.300	+ 6.56	−2 12.5	19 33 0.11	− 3.31	−28 49 13.0	−15.7
24	B. D. −21°5479	9	35 10.95	− 0.17	+ 2.02	299 59 51.22	43.265	+ 6.56	−1 34.2	19 35 12.80	− 3.15	−21 3 19.7	−16.1
25	*f* Sagittarii	9	40 47.05	− 0.17	+ 2.02	301 1 50.82	48.562	+ 6.56	−1 30.4	19 40 48.90	− 3.13	−19 59 15.3	−16.4
26	C. P. D. −23°7590	9	44 34.06	− 0.18	+ 2.02	298 1 50.85	44.480	+ 6.56	−1 42.1	19 44 35.90	− 3.17	−23 1 0.2	−16.6
27	B. D. −14°5578	9	47 42.59	− 0.14	+ 2.02	306 11 50.68	44.100	+ 6.56	−1 14.5	19 47 44.47	− 3.04	−14 50 41.5	−16.8
28	C. P. D. −27°6892	9	51 4.88	− 0.21	+ 2.02	293 37 50.38	44.910	+ 6.56	−2 4.0	19 51 6.69	− 3.24	−27 25 12.8	−16.9
29	B. D. −20°5784	9	54 56.57	− 0.17	+ 2.02	300 55 50.30	44.268	+ 6.56	−1 30.9	19 54 58.42	− 3.10	−20 6 54.5	−17.2
30	C. P. D. −26°6910	9	57 12.47	− 0.20	+ 2.02	294 43 49.95	47.182	+ 6.56	−1 57.8	19 57 14.29	− 3.21	−26 18 15.1	−17.3
31	B. D. −20°5814	9	0 53.87	− 0.17	+ 2.02	300 37 50.80	44.828	+ 6.56	−1 32.0	20 0 55.72	− 3.10	−20 24 42.3	−17.4
32	B. D. −15°5564	9	3 5.40	− 0.14	+ 2.02	305 43 51.58	45.565	+ 6.56	−1 15.8	20 3 7.28	− 3.03	−15 18 8.5	−17.4
33	C. P. D. −24°6922	9	5 45.59	− 0.19	+ 2.02	296 31 50.55	46.525	+ 6.56	−1 48.8	20 5 47.42	− 3.15	−24 30 20.5	−17.7
34	B. D. −22°5372	9	8 40.57	− 0.18	+ 2.02	298 43 50.88	43.240	+ 6.56	−1 39.3	20 8 42.41	− 3.11	−22 19 25.8	−17.8
35	C. P. D. −23°7684	9	10 30.79	− 0.18	+ 2.02	297 13 50.98	47.472	+ 6.56	−1 45.6	20 10 32.63	− 3.13	−23 47 55.3	−18.0
36	4 Capricorni	9	12 24.33	− 0.18	+ 2.02	298 55 50.90	46.690	+ 6.56	−1 38.4	20 12 26.17	− 3.10	−22 6 6.0	−18.0
37	β Capricorni	9	15 38.30	− 0.14	+ **2.01**	305 57 51.45	43.855	+ 6.56	−1 15.2	20 15 40.18	....	−15 4 47.1	....
38	C. P. D. −26°6996	9	18 52.17	− 0.20	+ 2.02	294 53 49.72	47.042	+ 6.56	−1 57.0	20 18 53.99	− 3.14	−26 8 17.7	−18.5
39	π Capricorni	8	21 50.79	− 0.15	+ **2.04**	302 31 50.62	43.002	+ 6.56	−1 25.5	20 21 52.66	....	−18 31 17.7	....
40	B. D. −21°5729	9	23 26.70	− 0.17	+ 2.02	299 49 50.95	44.498	+ 6.56	−1 35.0	20 23 28.55	− 3.05	−21 12 52.7	−18.5
41	B. D. −13°5901	9	13 19.89	− 0.12	+ 2.02	308 1 51.72	46.762	+ 6.25	−1 9.8	21 13 21.79	− 2.83	−12 59 35.3	−19.3
42	B. D. − 9°5724	9	16 50.48	− 0.10	+ 2.02	311 17 50.40	45.888	+ 6.25	−1 2.2	21 16 52.40	− 2.80	− 9 43 49.0	−18.9
43	B. D. −14°6020	9	20 9.66	− 0.13	+ 2.02	306 21 51.12	42.890	+ 6.25	−1 14.2	21 20 11.55	− 2.81	−14 41 8.8	−19.6
44	B. D. −20°6211	9	22 5.32	− 0.16	+ 2.02	300 25 50.90	43.340	+ 6.25	−1 32.9	21 22 7.18	− 2.84	−20 37 17.4	−20.4
45	β Aquarii	9	26 31.21	− 0.09	+ **2.03**	315 1 52.22	46.815	+ 6.25	− 54.6	21 26 33.14	....	− 5 59 18.3	....
46	Saturn I, C	7	28 10.90	− 0.14	+ 2.02	304 55 52.38	47.395	+ 6.25	−1 18.2	21 28 12.78	+ 0.62	−16 7 3.2	....
47	Saturn II	7	23 12.14	− 0.14	+ 2.02	... .	......	....	. ....	21 28 14.02	− 0.62	.. ..	....
48	ξ Aquarii	9	32 39.37	− 0.10	+ **2.04**	312 43 51.78	48.425	+ 6.25	− 59.2	21 32 41.29	....	− 8 16 46.6	....
49	λ Capricorni	9	41 22.94	− 0.12	+ 2.02	309 13 50.42	45.080	+ 6.25	−1 7.0	21 41 24.84	− 2.72	−11 48 12.2	−19.4
50	B. D. −17°6389	9	44 57.03	− 0.14	+ 2.02	303 43 51.08	48.285	+ 6.25	−1 21.8	21 44 58.91	− 2.72	−17 17 13.1	−20.4
51	B. D. −11°5690	9	47 53.35	− 0.11	+ 2.02	310 1 51.82	44.268	+ 6.25	−1 5.1	21 47 55.26	− 2.69	−11 0 27.5	−19.3
52	B. D. −10°5795	9	51 18.83	− 0.11	+ 2.02	310 59 50.58	44.940	+ 6.25	−1 2.9	21 51 20.74	− 2.68	−10 2 11.2	−19.2
53	B. D. −13°6074	9	55 55.52	− 0.12	+ 2.02	307 33 51.48	43.630	+ 6.25	−1 11.1	21 55 57.42	− 2.66	−13 28 48.4	−19.8
54	B. D. − 8°5789	9	58 29.18	− 0.10	+ 2.02	313 5 52.25	47.580	+ 6.25	− 58.4	21 58 31.10	− 2.65	− 7 55 4.7	−18.8
55	B. D. −20°6362	9	2 8.81	− 0.16	+ 2.02	300 59 50.70	46.888	+ 6.25	−1 30.8	22 2 10.67	− 2.65	−20 1 54.4	−21.0
56	B. D. − 9°5927	9	4 26.50	− 0.10	+ 2.02	311 45 51.12	45.412	+ 6.25	−1 1.3	22 4 28.42	− 2.62	− 9 15 58.2	−19.0
57	B. D. −14°6229	9	7 15.87	− 0.13	+ 2.02	306 21 50.80	46.760	+ 6.25	−1 14.2	22 7 17.76	− 2.61	−14 39 40.6	−20.1
58	B. D. −19°6249	9	9 5.36	− 0.16	+ 2.02	301 19 50.45	43.775	+ 6.25	−1 29.8	22 9 7.22	− 2.61	−19 43 4.8	−21.0
59	B. D. − 6°5960	9	12 6.50	− 0.09	+ 2.02	315 9 51.75	45.838	+ 6.25	− 54.4	22 12 8.43	− 2.60	− 5 51 41.0	−18.3
60	B. D. − 9°5963	9	15 48.11	− 0.10	+ 2.02	311 47 50.90	43.900	+ 6.25	−1 1.2	22 15 50.03	− 2.58	− 9 14 32.9	−19.0
61	B. D. −14°6276	9	19 19.31	− 0.13	+ 2.02	307 1 51.45	44.158	+ 6.25	−1 12.6	22 19 21.20	− 2.55	−14 0 37.9	−20.0
62	B. D. −12°6271	9	21 43.87	− 0.12	+ 2.02	309 11 49.90	45.742	+ 6.25	−1 7.1	22 21 45.77	− 2.54	−11 49 57.7	−19.5
63	B. D. − 8°5888 (*pr.*)	5	25 30.35	− 0.10	+ 2.02	312 25 50.85	45.395	+ 6.25	− 59.9	22 25 32.27	− 2.53	− 8 35 57.4	−18.8
64	B. D. − 8°5888 (*fol.*)	5	25 30.65	− 0.10	+ 2.02	312 25 50.85	45.085	+ 6.25	− 59.9	22 25 32.57	− 2.54	− 8 36 4.6	−18.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 18 44	29.835	78.9	78.4
19 6	......	....	77.6
19 36	29.82	77.5	77.1
20 2	......	....	76.6
20 25	29.825	76.9	76.3
21 11	29.825	76.5	76.0
21 34	......	....	75.3
21 59	29.83	75.8	75.2
22 24	......	....	75.0

Micrometer bisections are made at II, VI, except as noted below.

6. Bisections at II, VI, VII.
11, 24, 26, 33, 38, 42, 51, 56. Bisections at II, VII.
18, 64. Bisections at VI, VII.
45, 63. Bisections at I, II.
46. Z. D. threads C used.
46. Bisections at I, II, VI, VII.

Notes.

1–64. Faint; somewhat unsteady.
6. Very difficult.
41. Faint.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
46	+ 0.8	.. ....	...	+ 0.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 3°5472	9	30 23.74	− 0.08	+ 2.02	318 15 53.65	47.630	+ 6.25	− 48.9	22 30 25.68	− 2.54	− 2 44 52.6	−17.3
2	B. D.−14°6320	9	33 28.06	− 0.13	+ 2.02	306 27 51.92	46.780	+ 6.25	−1 14.0	22 33 29.95	− 2.48	−14 33 38.9	−20.0
3	B. D.− 3°5491	9	38 0.82	− 0.08	+ 2.02	317 49 56.02	47.702	+ 6.25	− 49.6	22 38 2.76	− 2.50	− 3 10 49.3	−17 3
4	B. D.− 3°5505	9	42 15.41	− 0.08	+ 2.02	317 47 52.68	48.500	+ 6.25	− 49.6	22 42 17.35	− 2.48	− 3 12 34.3	−17.2
5	B. D.− 5°5866	9	43 32.64	− 0.09	+ 2.02	315 55 52.48	48.490	+ 6.25	− 53.0	22 43 34.57	− 2.46	− 5 4 38.3	−17.6
6	B. D.−12°6371	9	48 25.97	− 0.12	+ 2.02	308 53 49.92	47.510	+ 6.25	−1 7.8	22 48 27.87	− 2.41	−12 7 18.0	−19.3
7	B. D.−15°6305	9	51 25.76	− 0.14	+ 2.02	305 31 51.15	46.580	+ 6.25	−1 16.6	22 51 27.64	− 2.38	−15 29 46.8	−20.1
8	B. D.+ 0°4950	9	54 32.75	− 0.07	+ 2.02	321 27 52.05	47.900	+ 6.25	− 43.6	22 54 34.70	− 2.45	+ 0 27 17.2	−16.0
9	B. D.− 3°5553	9	56 59.06	− 0.08	+ 2.02	317 49 52.10	45.285	+ 6.25	− 49.6	22 57 1.00	− 2.41	− 3 11 48.5	−16.9
10	B. D.− 8°6019	9	0 19.27	− 0.12	+ 2.02	312 43 51.42	50.375	+ 6.25	− 59.2	23 0 21.17	− 2.37	− 8 16 2.4	−18.1
11	B. D.− 1°4393	9	2 50.81	− 0.07	+ 2.02	320 11 51.05	48.188	+ 6.25	− 45.7	23 2 52.76	− 2.40	− 0 48 39.3	−16.1
12	B. D.− 6°6157	9	5 41.76	− 0.09	+ 2.02	314 31 51.12	48.845	+ 6.25	− 55.7	23 5 43.69	− 2.35	− 6 28 34.2	−17.5
13	B. D.−11°6032	9	9 40.43	− 0.12	+ 2.02	309 49 50.72	44.665	+ 6.25	−1 5.7	23 9 42.33	− 2.30	−11 12 20.1	−18.7
14	B. D.− 8°6076	9	11 52.82	− 0.10	+ 2.02	312 47 52.35	43.352	+ 6.25	− 59.2	23 11 54.74	− 2.31	− 8 14 42.0	−17.9
15	B. D.− 5°5966	9	14 25.78	− 0.09	+ 2.02	315 21 51.52	48.560	+ 6.25	− 54.1	23 14 27.71	− 2.31	− 5 38 38.7	−17.1
16	B. D.−13°6391	9	16 51.67	− 0.12	+ 2.02	308 3 51.55	45.202	+ 6.25	−1 10.0	23 16 53.57	− 2.25	−12 58 11.3	−19.0
17	B. D.− 8°6103	9	19 7.75	− 0.10	+ 2.02	312 55 52.25	49.505	+ 6.25	− 58.9	23 19 9.67	− 2.27	− 8 4 21.2	−17.6
18	B. D.+ 0°4999	9	22 20.07	− 0.06	+ 2.02	321 35 51.75	49.698	+ 6.25	− 43.4	23 22 22.03	− 2.32	+ 0 35 58.3	−15.0
19	θ Piscium	9	23 6.34	− 0.04	+ **1.96**	326 51 50.95	47.738	+ 6.25	− 35.8	23 23 8.32	.....	+ 5 51 20.2	....
20	ι Piscium	9	35 1.06	− 0.05	+ **2.06**	326 7 52.32	45.770	+ 6.25	− 36.8	23 35 3.03	.....	+ 5 6 35.6	....
21	B. D.+ 6°5197	9	39 55.27	− 0.04	+ 2.02	327 41 51.32	43.538	+ 6.25	− 34.7	23 39 57.25	− 2.30	+ 6 39 45.7	−12.6
	July 19, Br.												
22	Sun I, N	8	53 10.01	− 0.04	+ 1.90	342 7 49.90	45.725	+ 6.11	− 17.2	7 53 11.87	+67.69	+21 6 51.5	....
23	Sun II, S	9	55 25.39	− 0.04	+ 1.90	341 35 48.02	46.988	+ 6.11	− 17.8	7 55 27.25	−67.69	+20 35 18.0	....
24	Venus C, C	9	8 28.13	− 0.03	+ 1.90	342 15 47.42	45.894	+ 6.30	− 17.1	8 8 30.00	0.00	+21 14 53.2	....
25	Mercury C, C	9	41 21.92	− 0.03	+ 1.90	341 9 48.70	46.518	+ 6.30	− 18.2	8 41 23.79	+ 0.01	+20 9 7.7	....
26	151 H^{1}. Cephei s. P.	9	6 16.39	− 0.61	+ 1.91	55 41 50.38	45.037	+ 6.60	+1 20.1	4 6 17.69	.....	+85 17 45.5	....
27	ε Ophiuchi	9	13 15.09	− 0.09	+ **1.96**	316 33 48.82	46.538	+ 6.60	− 51.6	16 13 16.91	.....	− 4 27 24.8	....
28	σ Serpentis	9	17 13.18	− 0.07	+ 1.91	322 17 50.22	42.998	+ 6.60	− 42.1	16 17 15.02	− 2.41	+ 1 15 25.2	− 8.1
29	98 B. Draconis	9	22 19.14	+ 0.10	+ 1.91	16 25 50.45	46.550	+ 6.60	+ 16.2	16 22 21.15	− 1.84	+55 25 44.9	−19.0
30	β Herculis	9	26 5.84	− 0.01	+ **1.91**	342 41 47.18	49.212	+ 6.60	− 16.9	16 26 7.74	.....	+21 42 9.2	....
31	ζ Ophiuchi	9	31 53.19	− 0.11	+ **1.91**	310 39 44.40	44.938	+ 6.60	−1 3.4	16 31 54.99	.....	−10 22 17.5	....
32	24 Scorpii	8	36 2.23	− 0.15	+ 1.91	303 29 45.82	43.002	+ 6.60	−1 22.3	16 36 3.99	− 2.83	−17 33 19.2	− 4.3
33	53 Herculis	9	49 19.87	+ 0.02	+ 1.91	352 53 48.25	42.848	+ 6.60	− 6.8	16 49 21.80	− 2.22	+31 51 55.0	−16.2
34	ε Ursæ Minoris	9	55 48.06	+ 0.46	+ 1.91	43 11 50.75	46.002	+ 6.60	+ 51.5	16 55 50.43	.....	+82 12 7.7	....
35	α Herculis	9	10 16.79	− 0.03	+ **1.92**	335 29 47.80	49.710	+ 6.60	− 24.9	17 10 18.67	.....	+14 30 13.3	....
36	β Ophiuchi	7	38 44.64	− 0.06	+ **1.93**	325 37 47.68	46.170	+ 6.60	− 37.4	17 38 46.49	.....	+ 4 36 39.9	....
37	μ Herculis	9	42 42.62	+ 0.01	+ **1.96**	348 47 50.32	45.545	+ 6.60	− 10.8	17 42 44.54	.....	+27 46 54.7	....
	July 19, Ei.-Y.												
38	d Sagittarii	9	12 2.41	− 0.15	+ **2.03**	301 53 46.05	48.822	+ 6.50	−1 27.7	19 12 4.31	.....	−19 7 11.5	....
39	δ Aquilæ	9	20 40.49	− 0.06	+ **2.01**	323 55 47.72	48.955	+ 6.46	− 39.8	19 20 42.48	.....	+ 2 55 41.0	....
40	κ Aquilæ	9	31 44.72	− 0.10	+ **2.04**	313 47 47.00	44.852	+ 6.41	− 57.1	19 31 46.67	.....	− 7 14 10.8	....
41	C. P. D.−23°7546	9	34 22.24	− 0.18	+ 2.05	297 23 45.78	45.762	+ 6.40	−1 45.2	19 34 24.11	− 3.21	−23 38 39.3	−16.0
42	B. D.−18°5460	9	37 18.40	− 0.15	+ 2.05	302 35 46.42	48.638	+ 6.38	−1 25.4	19 37 20.30	− 3.12	−18 25 13.2	−16.3
43	B. D.−18°5487	9	42 21.15	− 0.15	+ 2.05	302 23 46.15	46.248	+ 6.36	−1 26.0	19 42 23.05	− 3.11	−18 38 8.7	−16.5
44	B. D.−17°5776	9	46 57.73	− 0.14	+ 2.05	303 55 46.98	42.142	+ 6.34	−1 21.3	19 46 59.64	− 3.08	−17 7 37.0	−16.8
45	C. P. D.−26°6880	9	49 59.08	− 0.20	+ 2.05	294 29 45.45	45.502	+ 6.33	−1 59.4	19 50 0.93	− 3.24	−26 32 59.8	−16.8
46	C. P. D.−26°6895	9	53 7.78	− 0.20	+ 2.05	294 35 45.60	45.310	+ 6.31	−1 58.9	19 53 9.63	− 3.23	−26 27 3.6	−17.0
47	C. P. D.−24°6879	9	55 4.88	− 0.19	+ 2.05	296 35 47.02	45.958	+ 6.30	−1 48.8	19 55 6.74	− 3.19	−24 26 37.3	−17.2
48	B. D.−18°5578	9	57 23.17	− 0.16	+ 2.05	302 13 46.18	45.532	+ 6.30	−1 26.6	19 57 25.06	− 3.09	−18 48 25.7	−17.3
49	C. P. D.−24°6906	9	1 57.61	− 0.19	+ 2.05	296 53 46.45	44.290	+ 6.28	−1 47.4	20 1 59.47	− 3.17	−24 9 14.5	−17.5
50	B. D.−19°5731	9	4 52.98	− 0.16	+ 2.05	301 23 45.78	42.888	+ 6.26	−1 29.5	20 4 54.87	− 3.09	−19 39 29.4	−17.6
51	C. P. D.−26°6950	9	7 8.68	− 0.20	+ 2.05	294 33 46.32	47.050	+ 6.25	−1 59.0	20 7 10.53	− 3.19	−26 28 23.3	−17.8
52	B. D.−15°5597	9	10 0.22	− 0.13	+ 2.05	305 57 47.18	45.552	+ 6.24	−1 15.3	20 10 2.14	− 3.02	−15 4 13.0	−17.8
53	α^1 Capricorni	9	12 20.81	− 0.12	+ 2.05	308 13 46.62	45.865	+ 6.23	−1 9.3	20 12 22.74	.....	−12 48 0.4	....
54	B. D.−15°5626	9	15 24.09	− 0.14	+ 2.05	305 57 46.92	43.618	+ 6.21	−1 15.3	20 15 26.00	− 3.01	−15 4 57.5	−18.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 22 49	29.84	75.4	75.0
23 16	......	....	74.7
23 41	29.85	75.0	74.2
19 7 55	29.87	87.8	87.7
8 8	29.865	88.0	88.0
8 41	29.855	88.8	89.0
15 59	29.795	79.0	77.3
16 29	......	....	77.0
17 1	29.79	77.0	75.5
17 43	29.79	76.8	75.1
19 10	29.77	75.5	74.2
19 36	......	....	74.1
19 58	29.76	75.1	74.5

Micrometer bisections are made at II, VI, except as noted below.

4, 18, 22. Bisections at I, II.
23, 30, 37. Bisections at VI, VII.
24, 25. Bisections at I, II, VI, VII.
26. Bisections at III, IV, V.
29, 34. Bisections at III, V.
36. Bisection at II.
38, 43, 49. Bisections at II, VII.

Notes.

26, 32–37. Clouds.
32, 35. Very faint.
34. Right ascension observed eye and ear.
38–54. Conditions poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
22	+ 2.6	−15 46.7	...	−15 44.1
23	+ 2.7	+15 46.7	...	+15 49.4
24	+ 1.5	.. ....	0.0	+ 1.5
25	+ 2.2	.. ....	0.0	+ 2.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−17°5975	8	21 4.92	− 0.15	+ 2.05	303 21 46.52	43.462	+ 6.19	−1 22.9	20 21 6.82	− 3.03	−17 41 9.0	−18.3
2	B. D.−18°5691	9	23 32.93	− 0.15	+ 2.05	302 51 46.40	43.570	+ 6.18	−1 24.5	20 23 34.83	− 3.03	−18 11 8.3	−18.4
3	B. D.−21°5752	9	27 53.06	− 0.17	+ 2.05	299 49 46.42	44.145	+ 6.16	−1 35.1	20 27 54.94	− 3.05	−21 13 5.8	−18.7
4	B. D.−12°5778	9	30 59.89	− 0.12	+ 2.05	308 19 46.52	44.518	+ 6.14	−1 9.1	20 31 1.82	− 2.96	−12 42 31.2	−18.4
5	B. D.−21°5782	9	32 52.58	− 0.17	+ 2.05	299 41 47.20	48.598	+ 6.14	−1 35.5	20 32 54.46	− 3.04	−21 19 23.6	−18.9
6	B. D.−16°5663	9	35 10.03	− 0.14	+ 2.05	304 33 48.08	47.232	+ 6.12	−1 19.2	20 35 11.94	− 2.98	−16 27 37.7	−18.7
7	B. D.−11°5408	9	39 23.93	− 0.11	+ 2.05	310 11 46.35	45.682	+ 6.11	−1 4.6	20 39 25.87	− 2.93	−10 50 0.3	−18.4
8	C. P. D.−23°7859	9	42 46.88	− 0.18	+ 2.05	297 57 46.80	44.612	+ 6.09	−1 42.6	20 42 48.75	− 3.03	−23 5 2.3	−19.4
9	C. P. D.−25°7197	9	44 51.94	− 0.20	+ 2.05	295 41 45.55	48.110	+ 6.08	−1 52.9	20 44 53.79	− 3.05	−25 19 53.8	−19.6
10	B. D.−20°6055	9	46 47.88	− 0.16	+ 2.05	301 1 46.55	47.105	+ 6.07	−1 30.6	20 46 49.77	− 2.98	−19 59 53.6	−19.4
11	C. P. D.−24°7109	9	48 24.19	− 0.20	+ 2.05	296 23 46.10	47.018	+ 6.07	−1 49.6	20 48 26.04	− 3.03	−24 38 15.0	−19.7
12	B. D.−12°5876	9	52 48.03	− 0.12	+ 2.05	308 41 46.85	47.982	+ 6.05	−1 8.1	20 52 49.96	− 2.90	−12 19 10.8	−18.9
13	C. P. D.−23°7896	9	55 51.88	− 0.19	+ 2.05	297 35 46.85	45.028	+ 6.03	−1 44.2	20 55 53.74	− 2.99	−23 26 54.4	−19.9
14	B. D.−11°5524	9	0 40.34	− 0.12	+ 2.05	310 1 46.82	47.332	+ 6.01	−1 5.0	21 0 42.27	− 2.87	−10 59 22.6	−18.9
15	B. D.−21°5933	9	3 4.84	− 0.18	+ 2.05	299 27 46.65	45.940	+ 6.00	−1 36.4	21 3 6.71	− 2.94	−21 34 25.9	−20.0
16	B. D.−18°5875	9	5 9.05	− 0.16	+ 2.05	302 19 46.00	44.212	+ 5.99	−1 26.2	21 5 10.94	− 2.91	−18 42 55.9	−19.8
17	B. D.−11°5553	9	9 6.08	− 0.12	+ 2.05	310 1 47.10	46.195	+ 5.98	−1 5.0	21 9 8.01	− 2.84	−10 59 48.3	−19.1
18	B. D.− 9°5700	9	11 9.54	− 0.11	+ 2.05	311 23 46.60	49.328	+ 5.96	−1 1.9	21 11 11.48	− 2.84	− 9 36 34.2	−18.9
19	B. D.−11°5578	9	15 37.86	− 0.12	+ 2.05	309 17 46.82	42.975	+ 5.94	−1 6.8	21 15 39.79	− 2.83	−11 45 4.1	−19.2
20	B. D.− 9°5728	9	17 48.48	− 0.11	+ 2.05	311 17 46.80	47.138	+ 5.93	−1 2.2	21 17 50.42	− 2.81	− 9 43 24.4	−19.0
21	ζ Capricorni	9	21 12.32	− 0.19	+ 2.05	298 11 45.58	49.215	+ 5.92	−1 41.5	21 21 14.18	.....	−22 49 17.4	....
22	B. D.−12°6005	9	23 3.01	− 0.12	+ 2.05	309 3 46.95	43.772	+ 5.91	−1 7.4	21 23 4.94	− 2.80	−11 58 46.3	−19.4
23	B. D.−17°6302	9	25 56.09	− 0.15	+ 2.05	303 21 46.65	45.065	+ 5.90	−1 22.9	21 25 57.99	− 2.82	−17 40 32.6	−20.2
24	Saturn I, C	7	27 55.51	− 0.14	+ 2.05	304 53 46.72	49.354	+ 5.89	−1 18.3	21 27 57.42	+ 0.62	−16 8 24.6	....
25	Saturn II	7	27 56.75	− 0.14	+ 2.05	... .	......	....	. ....	21 27 58.66	− 0.62	.. ..	....
26	B. D.− 9°5770	9	29 36.35	− 0.11	+ 2.05	311 31 47.32	44.238	+ 5.88	−1 1.8	21 29 38.29	− 2.78	− 9 30 29.7	−19.1
27	B. D.−15°6027	9	32 59.15	− 0.14	+ 2.05	305 41 46.82	45.602	+ 5.87	−1 16.0	21 33 1.06	− 2.78	−15 20 13.3	−20.0
28	γ Capricorni	9	34 47.36	− 0.15	+ **2.02**	303 55 46.90	47.945	+ 5.86	−1 21.2	21 34 49.26	.....	−17 5 24.8	....
29	B. D.−18°5998	9	38 14.94	− 0.16	+ 2.05	303 11 46.02	48.635	+ 5.84	−1 23.4	21 38 16.83	− 2.77	−17 49 12.2	−20.4
30	δ Capricorni	9	41 45.53	− 0.15	+ **2.02**	304 27 47.80	47.800	+ 5.83	−1 19.6	21 41 47.43	.....	−16 33 25.7	....
31	μ Capricorni	9	48 4.64	− 0.13	+ **2.02**	307 1 46.68	46.345	+ 5.80	−1 12.5	21 48 6.56	.....	−13 59 53.0	....
	July 19, T.												
32	τ Aquarii	9	44 31.34	− 0.12	+ 1.92	306 55 51.18	46.885	+ 5.74	−1 12.8	22 44 33.14	− 2.45	−14 5 36.5	−19.9
33	94 H¹. Aquarii	9	50 12.91	− 0.08	+ 1.92	315 31 53.22	45.868	+ 5.74	− 53.7	22 50 14.75	− 2.45	− 5 29 38.6	−17.8
34	o Andromedæ	9	57 31.23	+ 0.11	+ 1.92	2 49 54.15	44.335	+ 5.74	+ 2.8	22 57 33.26	.....	+41 48 43.6	....
35	c² Aquarii	9	4 20.36	− 0.17	+ 1.92	299 21 49.95	43.685	+ 5.74	−1 37.0	23 4 22.11	.....	−21 41 15.1	....
36	υ Pegasi	9	20 35.89	+ 0.04	+ **1.95**	343 53 52.48	45.140	+ 5.74	− 15.8	23 20 37.85	.....	+22 52 41.8	....
37	b³ Aquarii	9	28 15.73	− 0.17	+ 1.92	299 35 51.02	45.995	+ 5.74	−1 36.0	23 28 17.48	− 2.16	−21 26 20.2	−21.1
38	ι Piscium	9	35 1.24	− 0.03	+ **1.89**	326 7 52.70	45.750	+ 5.74	− 36.7	23 35 3.13	.....	+ 5 6 35.1	....
39	ψ Andromedæ	9	41 17.36	+ 0.13	+ 1.92	6 53 54.60	45.660	+ 5.74	+ 6.7	23 41 19.41	− 3.13	+45 53 18.2	− 1.1
40	φ Pegasi	9	47 36.68	+ 0.02	+ **1.94**	339 35 54.85	47.082	+ 5.74	− 20.3	23 47 38.62	.....	+18 35 24.1	....
	July 20, T.												
41	Sun I, S	8	57 10.40	+ 0.11	+ 1.93	341 25 51.55	44.065	+ 6.13	− 18.2	7 57 12.54	+67.54	+20 24 14.1	....
42	Sun II, N	8	59 25.59	+ 0.11	+ 1.93	341 57 53.25	42.818	+ 6.13	− 17.6	7 59 27.63	−67.55	+20 55 48.2	....
43	Moon I, N	4	42 42.97	− 0.11	+ 1.94	308 55 49.72	45.146	+ 6.57	−1 7.2	14 42 44.80	+66.91	−12 6 11.3	....
44	ε Ophiuchi	9	13 15.06	− 0.08	+ **1.97**	316 33 49.52	46.578	+ 6.26	− 51.8	16 13 16.93	.....	− 4 27 23.7	....
45	λ Ophiuchi	9	26 4.77	− 0.05	+ **1.99**	323 11 51.88	49.148	+ 6.17	− 41.0	16 26 6.67	.....	+ 2 11 48.1	....
46	ζ Ophiuchi	9	31 53.14	− 0.10	+ **1.95**	310 39 48.22	44.880	+ 6.14	−1 3.8	16 31 54.99	.....	−10 22 15.9	....
47	ι Ophiuchi	9	49 28.41	− 0.02	+ 1.95	331 19 50.50	48.228	+ 6.03	− 30.0	16 49 30.34	− 2.42	+10 19 36.5	−12.1
48	30 Ophiuchi	9	56 0.61	− 0.08	+ 1.95	316 57 51.42	43.408	+ 5.98	− 51.3	16 56 2.48	.....	− 4 4 34.0	....
49	η Ophiuchi	8	4 53.39	− 0.13	+ **1.93**	305 25 49.02	45.495	+ 5.93	−1 17.1	17 4 55.21	.....	−15 36 14.6	....
50	w Herculis	9	17 4.36	+ 0.04	+ 1.95	353 35 52.72	47.515	+ 5.85	− 6.1	17 17 6.35	.....	+32 35 46.1	....
51	x Herculis	9	24 11.77	+ 0.10	+ 1.95	9 21 55.28	44.225	+ 5.80	+ 9.2	17 24 13.82	− 2.37	+48 20 48.6	−18.9
52	α Ophiuchi	5	30 29.23	− 0.01	+ **2.05**	333 37 51.00	49.215	+ 5.76	− 27.2	17 30 31.17	.....	+12 38 2.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 20 25	.....	....	74.8
20 57	29.75	75.0	74.7
21 25	.....	....	74.3
21 49	29.75	74.6	73.8
22 37	29.74	74.5	73.5
23 9	.....	....	73.5
23 17	29.73	74.5	....
23 39	.....	....	74.0
23 54	29.75	74.5	73.5
20 7 59	29.83	82.8	81.4
14 45	29.79	79.4	78.0
16 0	29.78	76.0	74.5
16 39	29.78	74.5	73.0
17 8	.....	....	72.5
17 34	29.78	73.5	72.0

Micrometer bisections are made at II, VI, except as noted below.

1, 8, 10, 11, 15, 26, 28.	Bisections at II, VII.
9, 41.	Bisections at I, II.
20, 42.	Bisections at VI, VII.
24.	Z. D. threads C used.
24.	Bisections at I, II, VI, VII.
39.	Bisection at VI.
43.	Bisections at II, III, IV, V, VI.
52.	Bisection at VII.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
24	+ 0.8	.. ....	...	+ 0.8
41	+ 2.7	+15 47.0	...	+15 49.7
42	+ 2.6	−15 47.0	...	−15 44.4
43	+44 45.8	−15 46.8	...	+28 59.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	July 20, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	1 Pegasi	9	17 39.67	+ 0.03	+ **2.03**	340 23 52.50	48.382	+ 5.70	− 19.6	21 17 41.73	.....	+19 23 52.1	....
2	κ Capricorni	9	37 18.87	− 0.14	+ 2.03	301 43 50.82	46.842	+ 5.70	−1 29.0	21 37 20.76	− 2.80	−19 17 54.1	−20.7
3	δ Capricorni	9	41 45.48	− 0.12	+ **2.06**	304 27 50.58	47.695	+ 5.70	−1 20.2	21 41 47.39	.....	−16 33 26.0	....
4	16 Pegasi	9	48 42.50	+ 0.06	+ **2.01**	346 29 52.85	44.782	+ 5.70	− 13.2	21 48 44.59	.....	+25 28 36.5	....
5	20 Cephei	9	2 7.47	+ 0.26	+ 2.03	23 19 53.20	44.525	+ 5.70	+ 24.0	22 2 9.76	.....	+62 19 8.0	....
6	ζ Cephei	9	7 33.08	+ 0.22	+ 2.03	18 43 55.42	46.405	+ 5.70	+ 18.9	22 7 35.33	.....	+57 43 48.1	....
7	θ Aquarii	9	11 46.87	− 0.07	+ **1.97**	312 45 51.95	46.930	+ 5.70	− 59.7	22 11 48.83	.....	− 8 15 21.7	....
8	30 H. Ursæ Majoris s. p.	9	17 9.48	− 0.08	+ 2.03	74 53 56.82	46.502	+ 5.70	+3 23.1	10 17 11.43	.....	+66 3 3.7	....
9	σ Aquarii	9	25 34.75	− 0.08	+ **2.00**	309 51 51.35	46.000	+ 5.70	−1 6.1	22 25 36.70	.....	−11 9 49.9	....
10	η Aquarii	9	30 26.03	− 0.03	+ **2.03**	320 25 51.08	43.452	+ 5.70	− 45.7	22 30 28.03	.....	− 0 36 28.0	....
11	ζ Pegasi	9	36 41.07	+ 0.02	+ **2.02**	331 21 52.22	44.115	+ 5.70	− 30.2	22 36 43.12	.....	+10 20 3.7	....
12	τ Aquarii	8	44 31.19	− 0.10	+ 2.03	306 55 51.12	46.883	+ 5.70	−1 13.5	22 44 33.12	− 2.47	−14 5 37.3	−20.0
13	94 H¹. Aquarii	9	50 12.88	− 0.05	+ 2.03	315 31 52.80	45.922	+ 5.70	− 54.3	22 50 14.86	− 2.48	− 5 29 38.5	−17.9
14	ο Andromedæ	9	57 31.15	+ 0.15	+ 2.03	2 49 54.68	44.288	+ 5.70	+ 2.8	22 57 33.33	.....	+41 48 43.0	....
15	c² Aquarii	9	4 20.28	− 0.14	+ 2.03	299 21 50.65	43.681	+ 5.70	−1 38.0	23 4 22.17	.....	−21 41 15.5	....
16	γ Piscium	9	12 11.84	− 0.01	+ **1.98**	323 47 52.20	43.695	+ 5.70	− 40.5	23 12 13.86	.....	+ 2 45 43.8	....
17	τ Pegasi	9	15 53.63	+ 0.08	+ **2.03**	344 13 52.92	46.080	+ 5.70	− 15.6	23 15 55.74	.....	+23 13 3.9	....
18	υ Pegasi	8	20 35.72	+ 0.08	+ **2.10**	343 53 53.12	45.105	+ 5.70	− 16.0	23 20 37.83	.....	+22 52 41.4	....
19	70 Pegasi	9	24 18.38	+ 0.04	+ 2.03	333 15 52.88	44.008	+ 5.70	− 27.9	23 24 20.45	.....	+12 14 4.2	....
20	b³ Aquarii	9	28 15.58	− 0.14	+ 2.03	299 35 49.50	46.101	+ 5.70	−1 37.1	23 28 17.47	− 2.19	−21 26 20.4	−21.2
21	ι Piscium	9	35 1.12	+ 0.01	+ **1.99**	326 7 53.00	45.812	+ 5.70	− 37.2	23 35 3.16	.....	+ 5 6 36.3	....
22	ψ Andromedæ	8	41 17.38	+ 0.18	+ 2.03	6 53 54.25	45.615	+ 5.70	+ 6.8	23 41 19.59	− 3.17	+45 53 16.9	− 1.3
23	φ Pegasi	9	47 36.62	+ 0.07	+ **1.97**	339 35 52.72	47.188	+ 5.70	− 20.6	23 47 38.72	.....	+18 35 24.0	....
24	ψ Pegasi	9	52 52.43	+ 0.09	+ 2.03	345 37 54.28	44.750	+ 5.70	− 14.2	23 52 54.55	− 2.56	+24 36 36.2	− 6.7
	July 21, M.												
25	Sun I, S.	9	1 10.08	+ 0.02	+ 1.99	341 13 52.95	45.605	+ 5.67	− 18.2	8 1 12.09	+67.51	+20 12 50.3	....
26	Sun II, N.	9	3 25.09	+ 0.02	+ 1.99	341 45 52.88	44.280	+ 5.67	− 17.7	8 3 27.10	−67.50	+20 44 20.7	....
27	Mercury C, C.	9	57 0.57	+ 0.01	+ 1.99	340 5 52.48	43.078	+ 6.10	− 19.4	8 57 2.57	+ 0.02	+19 3 51.4	....
	July 22, Br.												
28	Moon I, N.	9	33 30.11	− 0.13	+ 1.84	303 37 52.52	41.967	+ 5.64	−1 23.3	16 33 31.82	+67.03	−17 25 38.2	....
29	η Ophiuchi	9	4 53.44	− 0.11	+ **1.85**	305 25 51.78	45.415	+ 5.64	−1 17.9	17 4 55.17	.....	−15 36 14.7	....
30	α Herculis	9	10 16.77	+ 0.03	+ **1.86**	335 29 53.35	49.550	+ 5.64	− 25.3	17 10 18.64	.....	+14 30 13.9	....
31	e Herculis	9	14 21.93	+ 0.11	+ 1.84	358 23 54.55	47.432	+ 5.64	− 1.5	17 14 23.88	− 2.29	+37 23 50.4	−18.2
32	σ Ophiuchi	9	21 45.89	− 0.01	+ **1.82**	325 13 53.05	48.572	+ 5.64	− 38.5	17 21 47.72	.....	+ 4 13 38.0	....
33	α Ophiuchi	9	30 29.41	+ 0.02	+ **1.83**	333 37 53.35	49.140	+ 5.64	− 27.5	17 30 31.27	.....	+12 38 2.3	....
34	ο Serpentis	9	36 2.29	− 0.10	+ 1.84	308 11 50.42	47.698	+ 5.64	−1 10.5	17 36 4.03	− 2.92	−12 49 16.5	− 9.8
	July 24, T.												
35	98 B. Draconis	.	.. ..	....	....	16 25 56.12	46.488	+ 5.29	+ 16.5	16 22	.....	+55 25 47.8	−20.0
36	24 Scorpii	.	.. ..	....	....	303 31 51.35	37.625	+ 5.29	−1 24.0	16 36	.....	−17 33 19.6	− 4.5
37	18 Ophiuchi	.	.. ..	....	....	296 35 49.80	41.632	+ 5.29	−1 50.9	16 43	.....	−24 28 16.5	− 3.2
38	53 Herculis	.	.. ..	....	....	352 53 54.52	42.668	+ 5.29	− 6.9	16 49	.....	+31 51 55.8	−17.2
39	ε Ursæ Minoris	.	.. ..	....	....	43 11 55.40	45.958	+ 5.29	+ 52.6	16 55	.....	+82 12 9.6	....
40	α Herculis	.	.. ..	....	....	335 30 12.62	48.765	+ 5.29	− 25.4	17 10	.....	+14 30 14.7	....
41	ρ Herculis (*fol.*)	.	.. ..	....,	....	358 15 54.05	43.585	+ 5.29	− 1.6	17 20	.....	+37 14 21.5	−18.6
42	51 Ophiuchi	.	.. ..	....	....	297 9 49.02	44.368	+ 5.29	−1 48.4	17 25	.....	−23 53 12.3	− 6.7
43	α Ophiuchi	.	.. ..	....	....	333 37 52.05	49.212	+ 5.29	− 27.6	17 30	.....	+12 38 2.1	....
44	ο Serpentis	.	.. ..	....	....	308 11 49.68	47.750	+ 5.29	−1 10.9	17 36	.....	−12 49 16.8	− 9.9
45	X Sagittarii	.	.. ..	....	....	293 15 50.00	44.275	+ 5.29	−2 9.1	17 41	.....	−27 47 34.1	− 7.2
46	z Herculis	.	.. ..	....	....	9 25 56.15	46.260	+ 5.29	+ 9.4	17 47	.....	+48 25 35.5	−19.8
47	Moon I.	9	23 58.32	− 0.14	+ 1.75	301 52	......	....	. ....	18 23 59.93	+66.30	.. ..	....
	July 25, Ei.-Y.												
48	Moon I, S.	5	17 57.73	− 0.14	+ 1.84	302 19 52.42	44.297	+ 5.07	−1 28.6	19 17 59.43	+65.46	−18 42 50.0	....
49	Moon N.	.	.. ..	....	....	302 49 52.28	44.918	+ 5.07	−1 26.9	.. ..	.....	−18 12 36.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 21 18	29.79	71.2	70.1
21 47	......	....	70.3
22 16	29.78	70.7	69.8
22 48	......	....	69.0
23 24	......	....	69.0
23 53	29.76	68.4	67.4
21 8 3	29.78	83.6	83.9
8 57	29.78	85.6	85.3
22 16 35	29.725	68.9	66.9
17 5	......	....	66.2
17 36	29.73	67.9	66.0
24 16 8	29.91	70.5	68.6
16 41	......	....	68.0
17 8	29.92	68.7	67.2
17 40	......	....	66.8
18 15	29.92	67.5	66.1
25 19 23	29.95	66.0	64.2

Micrometer bisections are made at II, VI, except as noted below.

2, 3, 15, 20, 27.	Bisections at I, II, VI, VII.
8.	Bisections at III, V.
11.	Bisections at II, VI, VII.
12.	Bisections at I, II, VI.
19, 26, 35, 39, 42, 43, 45, 46.	Bisections at VI, VII.
25.	Bisections at I, II.
28.	Bisections at II, III, IV, V, VI.
48.	Bisections at I, II, III.
49.	Bisections at V, VI, VII.

Notes.

8.	Very poor.
28–34, 39, 45, 47.	Clouds.
35.	Circle reading decreased 1′.
36.	Circle reading increased 2′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
25	+ 2.7	+15 45.2	...	+15 47.9
26	+ 2.7	−15 45.2	...	−15 42.5
27	+ 2.3	.. ....	0.0	+ 2.3
28	+46 54.9	−15 26.3	...	+31 28.6
48	+46 21.9	+14 59.5	− 0.9	+61 20.5
49	+46 6.0	−14 59.5	...	+31 6.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Capricorni	9	15 38.50	− 0.11	**+ 1.86**	305 57 53.38	43.940	+ 5.07	−1 17.3	20 15 40.23	.....	−15 4 46.8	....
2	π Capricorni	9	21 51.06	− 0.14	**+ 1.84**	302 31 52.10	43.140	+ 5.07	−1 27.9	20 21 52.76	.....	−18 31 17.0	....
3	ρ Capricorni	9	23 24.58	− 0.13	**+ 1.83**	302 53 52.45	47.608	+ 5.07	−1 26.6	20 23 26.29	.....	−18 7 33.2	....
4	ε Delphini	9	28 38.74	+ 0.03	**+ 1.82**	331 59 53.52	46.288	+ 5.07	− 29.9	20 28 40.61	.....	+10 58 54.4	....
5	α Delphini	9	35 11.87	+ 0.05	**+ 1.83**	336 35 54.88	45.445	+ 5.07	− 24.3	20 35 13.76	.....	+15 34 42.0	....
6	ε Aquarii	9	42 30.11	− 0.08	**+ 1.80**	311 11 51.80	44.090	+ 5.07	−1 4.2	20 42 31.87	.....	− 9 50 31.9	....
	July 25, Br.												
7	Saturn I, C	5	26 19.68	− 0.12	+ 1.71	304 43 53.80	53.517	+ 4.72	−1 21.0	21 26 21.27	+ 0.60	−16 16 46.2	....
8	Saturn II	5	26 20.88	− 0.12	+ 1.71	... .	......	....	. ....	21 26 22.47	− 0.60	.. ..	....
9	20 Cephei	9	2 7.93	+ 0.32	+ 1.71	23 19 56.50	44.465	+ 4.72	+ 24.4	22 2 9.96	.....	+62 19 9.6	....
10	ζ Cephei	9	7 33.56	+ 0.28	+ 1.71	18 43 57.25	46.430	+ 4.72	+ 19.2	22 7 35.55	.....	+57 43 50.0	....
11	θ Aquarii	9	11 47.27	− 0.07	**+ 1.67**	312 45 53.72	46.972	+ 4.72	−1 0.8	22 11 48.91	.....	− 8 15 21.0	....
12	30 H. Ursæ Majoris s. p.	9	17 9.69	− 0.06	+ 1.71	74 53 58.98	46.310	+ 4.72	+3 27.0	10 17 11.34	.....	+66 3 3.0	....
13	σ Aquarii	9	25 35.17	− 0.09	**+ 1.70**	309 51 53.28	46.035	+ 4.72	−1 7.3	22 25 36.79	.....	−11 9 49.4	....
14	η Aquarii	9	30 26.45	− 0.03	**+ 1.71**	320 25 53.75	43.500	+ 4.72	− 46.5	22 30 28.13	.....	− 0 36 26.1	....
15	ζ Pegasi	9	36 41.47	+ 0.03	**+ 1.72**	331 21 54.42	44.148	+ 4.72	− 30.7	22 36 43.21	.....	+10 20 5.2	....
16	τ Aquarii	9	44 31.64	− 0.10	+ 1.71	306 55 53.02	46.925	+ 4.72	−1 14.7	22 44 33.25	− 2.58	−14 5 36.7	−20.6
17	94 H¹. Aquarii	9	50 13.22	− 0.05	+ 1.71	315 31 54.30	45.952	+ 4.72	− 55.2	22 50 14.88	− 2.59	− 5 29 38.2	−18.7
18	o Andromedæ	9	57 31.59	+ 0.17	+ 1.71	2 49 56.30	44.338	+ 4.72	+ 2.9	22 57 33.47	.....	+41 48 45.0	....
19	c² Aquarii	9	4 20.74	− 0.16	+ 1.71	299 21 53.30	43.721	+ 4.72	−1 39.8	23 4 22.29	.....	−21 41 14.7	....
20	γ Piscium	9	12 12.25	− 0.01	**+ 1.69**	323 47 54.42	43.735	+ 4.72	− 41.2	23 12 13.95	.....	+ 2 45 45.3	....
21	θ Piscium	9	23 6.71	+ 0.01	**+ 1.71**	326 51 54.05	47.805	+ 4.72	− 36.7	23 23 8.43	.....	+ 5 51 22.3	....
22	b³ Aquarii	9	28 16.01	− 0.16	+ 1.71	299 35 52.88	46.100	+ 4.72	−1 38.8	23 28 17.56	− 2.32	−21 26 19.8	−21.8
23	ι Piscium	9	35 1.59	0.00	**+ 1.66**	326 7 54.62	45.842	+ 4.72	− 37.8	23 35 3.30	.....	+ 5 6 37.0	....
24	ψ Andromedæ	9	41 17.84	+ 0.20	+ 1.71	6 53 56.72	45.638	+ 4.72	+ 6.9	23 41 19.75	− 3.33	+45 53 19.0	− 2.8
25	φ Pegasi	9	47 37.01	+ 0.06	**+ 1.72**	339 35 55.45	47.180	+ 4.72	− 20.9	23 47 38.77	.....	+18 35 25.3	....
26	ω Piscium	9	54 23.58	+ 0.01	**+ 1.73**	327 21 54.00	44.575	+ 4.72	− 36.1	23 54 25.29	.....	+ 6 20 9.1	....
27	α Andromedæ	9	3 26.30	+ 0.11	**+ 1.76**	349 33 55.70	47.588	+ 4.72	− 10.3	0 3 28.11	.....	+28 33 45.3	....
28	γ Pegasi	5	8 18.15	+ 0.05	**+ 1.77**	335 39 54.68	46.818	+ 4.72	− 25.5	0 8 19.90	.....	+14 39 11.6	....
29	ρ Andromedæ	9	16 4.76	+ 0.15	+ 1.70	358 25 56.55	48.568	+ 4.72	− 1.5	0 16 6.61	− 2.91	+37 26 17.3	− 2.7
	July 26, Br.												
30	Sun I, S	9	21 0.86	+ 0.04	+ 1.69	340 11 55.12	45.020	+ 5.49	− 19.8	8 21 2.59	+67.13	+19 10 37.3	....
31	Sun II, N	9	23 15.11	+ 0.04	+ 1.69	340 43 53.95	43.922	+ 5.49	− 19.2	8 23 16.84	−67.12	+19 42 11.9	....
32	Venus C, C	9	44 23.96	+ 0.03	+ 1.69	340 23 53.05	43.118	+ 5.49	− 19.5	8 44 25.68	0.00	+19 21 52.2	....
33	Mercury C, C	8	33 1.34	0.00	+ 1.69	337 3 53.35	45.719	+ 5.49	− 23.1	9 33 3.03	+ 0.03	+16 2 48.4	....
34	β Herculis	9	26 5.96	+ 0.03	**+ 1.67**	342 41 55.00	48.972	+ 5.63	− 17.4	16 26 7.67	.....	+21 42 10.2	....
35	ζ Ophiuchi	9	31 53.35	− 0.11	**+ 1.69**	310 39 51.55	44.778	+ 5.63	−1 5.1	16 31 54.92	.....	−10 22 16.7	....
36	24 Scorpii	9	36 2.39	− 0.15	+ 1.68	303 29 51.70	42.888	+ 5.63	−1 24.4	16 36 3.92	− 2.78	−17 33 19.0	− 4.5
37	18 Ophiuchi	8	43 55.21	− 0.20	+ 1.68	296 35 51.72	41.580	+ 5.63	−1 51.4	16 43 56.69	− 2.98	−24 28 15.9	− 3.2
38	53 Herculis	9	49 20.01	+ 0.06	+ 1.68	352 53 54.20	42.682	+ 5.63	− 6.9	16 49 21.75	− 2.12	+31 51 56.1	−17.5
39	ε Ursæ Minoris	9	55 47.09	+ 0.61	+ 1.68	43 11 57.98	45.753	+ 5.63	+ 52.8	16 55 49.38	.....	+82 12 9.7	....
40	98 H¹. Herculis	9	4 39.25	+ 0.10	+ 1.68	1 39 55.00	44.580	+ 5.63	+ 1.7	17 4 41.03	− 2.15	+40 38 48.9	−19.3
41	α Herculis	9	10 16.97	0.00	**+ 1.66**	335 30	......	....	. ....	17 10 18.65	.....	+14 30	....
42	ρ Herculis (*mean*)	9	20 22.59	+ 0.08	+ 1.68	358 15 55.72	43.600	+ 5.63	− 1.7	17 20 24.35	− 2.28	+37 14 23.8	−19.0
43	51 Ophiuchi	9	25 35.11	− 0.20	+ 1.68	297 9 52.22	44.230	+ 5.63	−1 48.9	17 25 36.59	− 3.11	−23 53 12.3	− 6.6
44	α Ophiuchi	8	30 29.58	− 0.01	**+ 1.66**	333 37 53.95	49.140	+ 5.63	− 27.8	17 30 31.25	.....	+12 38 2.6	....
45	o Serpentis	9	36 2.52	− 0.12	+ 1.68	308 11 51.92	47.650	+ 5.63	−1 11.2	17 36 4.08	− 2.90	−12 49 16.8	− 9.9
46	Uranus C, C	9	45 3.09	− 0.19	+ 1.68	297 25 52.28	45.528	+ 5.63	−1 47.6	17 45 4.58	.....	−23 36 41.3	....
47	ν Ophiuchi	9	53 45.85	− 0.10	**+ 1.64**	311 15 52.32	46.650	+ 5.63	−1 3.9	17 53 47.43	.....	− 9 45 32.0	....
48	γ Sagittarii	9	59 40.42	− 0.24	+ 1.68	290 37 52.25	45.411	+ 5.63	−2 27.8	17 59 41.86	.....	−30 25 24.1	....
49	102 Herculis	9	4 40.09	+ 0.02	+ 1.68	341 49 53.68	44.040	+ 5.63	− 18.4	18 4 41.79	− 2.60	+20 48 15.2	−17.4
50	22 H. Camelopardalis s. p.	7	8 14.77	− 0.06	+ 1.68	71 37 57.50	43.165	+ 5.63	+2 48.3	6 8 16.39	.....	+69 20 54.2	....
51	5 B. Lyræ	9	12 40.45	+ 0.10	+ 1.68	3 7 56.02	47.438	+ 5.63	+ 3.2	18 12 42.23	− 2.60	+42 7 56.5	−19.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 19 58	......	....	64.3
20 32	......	....	64.0
20 43	29.94	65.0	63.9
21 26	29.935	64.9	63.1
22 2	......	....	63.0
22 24	29.935	64.5	63.2
22 50	......	....	63.4
23 12	29.935	64.2	63.2
23 51	......	....	62.8
0 16	29.94	63.8	62.6
26 8 23	30.000	77.1	77.0
8 44	29.99	77.8	78.0
9 33	29.97	79.0	78.2
16 23	29.95	68.6	66.9
16 52	......	....	66.1
17 10	29.95	67.1	65.8
17 45	29.96	66.9	65.4

Micrometer bisections are made at II, VI, except as noted below.

7. Z. D. threads C used.
7. Bisections at II, VI, VII.
9, 10, 18, 40. Bisections at III, V.
12, 39. Bisections at III, IV, V.
14, 21, 27–29, 31, 37, 51. Bisections at VI, VII.
19, 32, 33, 46, 48. Bisections at I, II, VI, VII.
30. Bisections at I, II.
50. Bisections at b_4, b_6.

Note.

11, 22–29. Clouds; images diffuse.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
7	+ 0.8	.. ....	...	+ 0.8
30	+ 2.9	+15 47.2	...	+15 50.1
31	+ 2.8	−15 47.3	...	−15 44.5
32	+ 1.7	.. ....	0.0	+ 1.7
33	+ 2.7	.. ....	− 0.1	+ 2.6
46	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	109 Herculis	9	19 37.38	+ 0.03	+ **1.70**	342 43 54.45	48.198	+ 5.63	− 17.4	18 19 39.09	.....	+21 43 51.9	....
2	*c* Serpentis	9	24 42.46	− 0.07	+ 1.68	318 59 54.58	43.132	+ 5.63	− 48.9	18 24 44.07	− 2.87	− 2 2 35.2	−14.7
3	3 H. Scuti	9	30 0.34	− 0.10	+ **1.72**	312 43 52.55	44.125	+ 5.63	−1 0.8	18 30 1.92	.....	− 8 18 26.3	....
4	4 H. Scuti	9	37 2.48	− 0.10	+ **1.71**	311 53 51.52	44.238	+ 5.63	−1 2.6	18 37 4.06	.....	− 9 8 26.6	....
5	30 Sagittarii	9	45 6.02	− 0.18	+ 1.68	298 45 51.60	46.832	+ 5.63	−1 42.0	18 45 7.52	− 3.23	−22 16 6.6	−12.9
6	51 H. Cephei s. P.	9	55 29.33	− 1.29	+ 1.68	53 47 58.28	45.047	+ 5.63	+1 17.0	6 55 29.72	.....	+87 11 41.2	....
7	λ Ursæ Minoris	9	18 39.82	+ 3.99	+ 1.68	49 59 57.80	44.873	+ 5.63	+1 7.2	19 18 45.49	.....	+89 0 2.3	....
	July 26, T.												
8	Moon I, N	8	10 29.97	− 0.14	+ 1.68	304 25 51.98	44.726	+ 5.37	−1 21.9	20 10 31.51	+64.31	−16 36 34.6	....
9	Moon II	9	12 38.51	− 0.14	+ 1.68	... .	......	....	. ....	20 12 40.05	−64.23	.. ..	....
10	ε Delphini	8	28 38.82	0.00	+ **1.78**	331 59 51.22	46.382	+ 5.37	− 29.9	20 28 40.50	.....	+10 58 54.5	....
11	α Cygni	9	38 11.03	+ 0.13	+ 1.68	5 57 56.78	43.630	+ 5.37	+ 6.0	20 38 12.84	.....	+44 56 32.9	....
12	μ Aquarii	9	47 30.06	− 0.09	+ **1.65**	311 41 51.00	44.652	+ 5.37	−1 3.2	20 47 31.65	.....	− 9 20 18.5	....
13	γ Microscopii	9	55 26.13	− 0.26	+ 1.68	288 25 54.02	45.572	+ 5.37	−2 47.3	20 55 27.55	.....	−32 37 38.5	....
14	σ Cygni	9	13 40.15	+ 0.11	+ 1.68	359 59 56.30	47.198	+ 5.37	+ 0.1	21 13 41.94	.....	+38 59 47.8	....
15	Saturn I, C	5	26 3.18	− 0.13	+ 1.68	304 43 51.28	49.865	+ 5.37	−1 21.2	21 26 4.73	+ 0.50	−16 18 11.7	....
16	Saturn II	5	26 4.18	− 0.13	+ 1.68	... .	......	....	. ....	21 26 5.73	− 0.50	.. ..	....
17	κ Capricorni	9	37 19.38	− 0.15	+ 1.68	301 43 51.68	46.940	+ 5.37	−1 31.0	21 37 20.91	− 2.91	−19 17 53.3	−21.1
18	δ Capricorni	8	41 46.02	− 0.13	+ **1.64**	304 27 52.12	47.728	+ 5.37	−1 22.0	21 41 47.57	.....	−16 33 25.9	....
19	16 Pegasi	9	48 42.89	+ 0.06	+ **1.72**	346 29 54.02	44.852	+ 5.37	− 12.9	21 48 44.63	.....	+25 28 39.3	....
20	20 Pegasi	9	56 25.97	+ 0.01	+ 1.68	333 39 53.45	48.720	+ 5.37	− 27.9	21 56 27.66	− 2.89	+12 39 52.1	−16.5
21	20 Cephei	9	2 7.94	+ 0.24	+ 1.68	23 19 58.30	44.455	+ 5.37	+ 24.5	22 2 9.86	.....	+62 19 11.6	....
22	θ Aquarii	9	11 47.31	− 0.08	+ **1.66**	312 45 51.90	47.040	+ 5.37	−1 1.0	22 11 48.91	.....	− 8 15 20.8	....
23	30 H. Ursæ Majoris s. r.	5	17 9.61	0.00	+ 1.68	74 53 56.25	46.448	+ 5.37	+3 27.5	10 17 11.29	.....	+66 3 1.0	....
24	σ Aquarii	8	25 35.23	− 0.10	+ **1.67**	309 51 51.90	46.080	+ 5.37	−1 7.6	22 25 36.81	.....	−11 9 49.4	....
25	η Aquarii	9	30 26.56	− 0.05	+ **1.64**	320 25 51.55	43.585	+ 5.37	− 46.7	22 30 28.19	.....	− 0 36 25.9	....
26	τ Aquarii	9	44 31.71	− 0.12	+ 1.68	306 55 52.75	46.900	+ 5.37	−1 15.0	22 44 33.27	− 2.61	−14 5 37.2	−20.7
27	94 H^1. Aquarii	9	50 13.39	− 0.07	+ 1.68	315 31 52.98	45.990	+ 5.37	− 55.4	22 50 15.00	− 2.61	− 5 29 38.2	−18.8
28	*o* Andromedæ	9	57 31.67	+ 0.12	+ 1.68	2 49 57.58	44.320	+ 5.37	+ 2.9	22 57 33.47	.....	+41 48 46.4	....
	July 27, T.												
29	Sun I, N	9	24 57.29	+ 0.02	+ 1.66	340 29 53.85	45.342	+ 4.94	− 19.3	8 24 58.97	+66.95	+19 28 43.3	....
30	Sun II, S	9	27 11.18	+ 0.02	+ 1.66	339 57 53.32	46.608	+ 4.94	− 19.9	8 27 12.86	−66.94	+18 57 11.4	....
31	Venus C, C	9	49 27.52	+ 0.02	+ 1.66	340 3 52.65	47.280	+ 5.63	− 19.8	8 49 29.20	0.00	+19 3 27.0	....
32	Mercury C, C	9	39 42.75	+ 0.01	+ 1.65	336 25 52.10	44.680	+ 5.63	− 23.7	9 39 44.41	+ 0.03	+15 24 22.9	....
	July 27, Ei.-Y.												
33	Uranus C, C	4	44 55.32	− 0.22	+ 1.76	297 25 50.90	45.580	+ 6.93	−1 45.9	17 44 56.86	.....	−23 36 38.5	....
34	ν Ophiuchi	9	53 45.77	− 0.15	+ **1.77**	311 15 51.10	46.582	+ 6.93	−1 2.9	17 53 47.38	.....	− 9 45 32.4	....
35	C. P. D. −25°6411	9	9 16.28	− 0.24	+ 1.76	295 13 49.78	45.395	+ 6.93	−1 56.8	18 9 17.80	− 3.26	−25 48 54.7	− 9.6
36	η Serpentis	9	16 21.71	− 0.12	+ **1.78**	318 5 53.05	46.860	+ 6.93	− 49.6	18 16 23.35	.....	− 2 55 10.9	....
37	B. D. −20°5189	9	29 39.16	− 0.20	+ 1.76	300 7 50.82	44.830	+ 6.93	−1 35.2	18 29 40.72	− 3.18	−20 54 45.9	−12.0
38	84 G. Sagittarii	9	32 42.08	− 0.22	+ 1.76	297 27 50.68	44.580	+ 6.93	−1 46.2	18 32 43.62	− 3.24	−23 35 1.9	−11.8
39	B. D. −19°5134	9	37 17.31	− 0.19	+ 1.76	301 39 48.92	45.638	+ 6.93	−1 29.6	18 37 18.88	− 3.16	−19 22 22.9	−12.8
40	B. D. −17°5310	9	40 3.56	− 0.18	+ 1.76	303 23 50.30	45.260	+ 6.93	−1 23.9	18 40 5.14	− 3.13	−17 38 24.4	−13.2
41	B. D. −21°5138	8	42 14.90	− 0.20	+ 1.76	299 57 51.50	47.235	+ 6.93	−1 35.8	18 42 16.46	− 3.20	−21 3 49.9	−12.9
42	C. P. D. −24°6534	9	46 0.77	− 0.22	+ 1.76	296 17 51.40	42.705	+ 6.93	−1 51.7	18 46 2.31	− 3.28	−24 45 49.5	−12.6
43	B. D. −19°5242	9	51 58.75	− 0.19	+ 1.76	301 45 49.98	45.115	+ 6.93	−1 29.3	18 52 0.32	− 3.17	−19 16 33.5	−13.8
44	B. D. −17°5409	9	54 52.57	− 0.18	+ 1.76	303 25 50.25	44.252	+ 6.93	−1 23.8	18 54 54.15	− 3.14	−17 36 47.4	−14.2
45	C. P. D. −24°6583	9	57 59.04	− 0.21	+ 1.76	296 57 50.50	47.010	+ 6.93	−1 48.5	18 58 0.59	− 3.28	−24 4 8.8	−13.5
46	B. D. −16°5153 (*south*)	9	1 22.54	− 0.17	+ 1.76	304 39 50.12	45.272	+ 6.93	−1 20.0	19 1 24.13	− 3.13	−16 22 20.3	−14.7
47	C. P. D. −23°7376	9	2 58.16	− 0.21	+ 1.76	297 41 51.02	46.575	+ 6.93	−1 45.2	19 2 59.71	− 3.26	−23 20 14.9	−14.0
48	C. P. D. −27°6662	9	8 1.01	− 0.23	+ 1.76	293 59 49.92	48.095	+ 6.93	−2 3.7	19 8 2.54	− 3.34	−27 1 59.8	−13.9
49	C. P. D. −28°6852	9	10 48.69	− 0.24	+ 1.76	292 11 50.02	48.710	+ 6.93	−2 14.8	19 10 50.21	− 3.39	−28 49 56.7	−13.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 18 30	......	....	64.3
18 45	......	....	64.0
19 28	29.945	64.9	64.0
20 14	29.95	65.1	64.0
20 30	......	....	63.2
21 9	29.95	63.8	62.8
21 46	......	....	62.0
22 9	29.94	63.0	61.8
22 38	......	....	61.7
22 58	29.94	63.0	61.9
27 8 27	30.000	78.4	79.5
8 49	30.000	79.5	80.5
9 45	30.000	80.5	81.6
17 44	29.95	73.8	73.0
18 14	......	....	71.9
18 34	29.95	72.4	71.3
18 59	......	....	71.0

Micrometer bisections are made at II, VI, except as noted below.

2, 30, 31, 33. Bisections at VI, VII.
6, 7. Bisections at III, IV, V.
8. Bisections at II, III, IV, V, VI.
15. Z. D. threads C used.
15, 32, 41. Bisections at I, II, VI, VII.
21. Bisection at VI.
23, 29, 46. Bisections at I, II.
37, 38, 44. Bisections at II, VII.

Notes.

1. Circle reading decreased 2°.
14. Two microscopes used.
17. Circle reading decreased 1′.
37. Image poor and unsteady.
41. Very difficult.
41–49. Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+44 56.2	−14 56.0	...	+30 0.2
15	+ 0.8	.. ....	...	+ 0.8
29	+ 2.9	−15 46.0	...	−15 43.1
30	+ 2.9	+15 45.9	...	+15 48.8
31	+ 1.7	.. ....	0.0	+ 1.7
32	+ 2.8	.. ....	− 0.1	+ 2.7
33	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −16°5272	9	13 41.22	− 0.16	+ 1.76	304 57 50.75	44.205	+ 6.93	−1 19.2	19 13 42.82	− 3.13	−16 4 43.4	−15.4
2	B. D. −18°5325	9	16 16.54	− 0.18	+ 1.76	302 31 51.08	49.182	+ 6.93	−1 26.7	19 16 18.12	− 3.17	−18 28 56.8	−15.4
3	C. P. D. −24°6721	9	19 27.81	− 0.21	+ 1.76	296 21 49.02	43.725	+ 6.93	−1 51.5	19 19 29.36	− 3.29	−24 41 28.4	−14.9
4	B. D. −17°5633	9	21 16.39	− 0.16	+ 1.76	304 3 49.88	45.702	+ 6.93	−1 21.8	19 21 17.99	− 3.15	−16 58 12.7	−15.8
5	B. D. −22°5127	9	24 37.51	− 0.20	+ 1.76	298 19 50.18	48.592	+ 6.93	−1 42.4	19 24 39.07	− 3.25	−22 41 26.9	−15.4
6	C. P. D. −24°6757	9	28 48.01	− 0.21	+ 1.76	296 57 51.12	48.042	+ 6.93	−1 48.5	19 28 49.56	− 3.27	−24 3 44.6	−15.6
7	B. D. −19°5521	9	30 52.01	− 0.18	+ 1.76	301 57 49.98	47.538	+ 6.93	−1 28.6	19 30 53.59	− 3.18	−19 3 37.4	−16.1
8	C. P. D. −28°6981	9	32 58.62	− 0.24	+ 1.76	292 13 50.00	45.380	+ 6.93	−2 14.7	19 33 0.14	− 3.37	−28 49 12.7	−15.4
9	B. D. −21°5479	8	35 11.30	− 0.19	+ 1.76	299 59 51.02	43.368	+ 6.93	−1 35.8	19 35 12.87	− 3.21	−21 3 18.8	−16.2
10	*f* Sagittarii	9	40 47.39	− 0.18	+ 1.76	301 1 50.50	48.640	+ 6.93	−1 31.9	19 40 48.97	− 3.19	−19 59 15.0	−16.6
11	C. P. D. −23°7590	8	44 34.46	− 0.20	+ 1.76	298 1 50.25	44.560	+ 6.93	−1 43.8	19 44 36.02	− 3.24	−23 1 0.4	−16.6
12	B. D. −14°5578	9	47 42.92	− 0.15	+ 1.76	306 11 50.15	44.192	+ 6.93	−1 15.7	19 47 44.53	− 3.11	−14 50 40.8	−17.2
13	C. P. D. −27°6892	9	51 5.22	− 0.22	+ 1.76	293 37 50.12	45.020	+ 6.93	−2 6.1	19 51 6.76	− 3.32	−27 25 12.3	−16.7
14	B. D. −20°5784	9	54 56.85	− 0.18	+ 1.76	300 55 49.40	44.375	+ 6.93	−1 32.4	19 54 58.43	− 3.18	−20 6 54.1	−17.4
15	C. P. D. −26°6910	9	57 12.82	− 0.22	+ 1.76	294 43 50.08	47.212	+ 6.93	−1 59.8	19 57 14.36	− 3.29	−26 18 15.8	−17.2
16	B. D. −20°5814	9	0 54.21	− 0.18	+ 1.76	300 37 50.88	44.890	+ 6.93	−1 33.5	20 0 55.79	− 3.18	−20 24 41.9	−17.6
17	B. D. −15°5564	9	3 5.76	− 0.15	+ 1.76	305 43 50.08	45.665	+ 6.93	−1 17.0	20 3 7.37	− 3.11	−15 18 8.5	−17.9
18	B. D. −22°5372	9	8 41.03	− 0.19	+ 1.76	298 43 50.32	43.308	+ 6.93	−1 40.9	20 8 42.60	− 3.20	−22 19 26.0	−18.0
19	C. P. D. −23°7684	9	10 31.23	− 0.20	+ 1.76	297 13 50.55	47.548	+ 6.93	−1 47.4	20 10 32.79	− 3.22	−23 47 55.4	−18.0
20	4 Capricorni	9	12 24.66	− 0.19	+ 1.76	298 55 50.00	46.780	+ 6.93	−1 40.0	20 12 26.23	− 3.19	−22 6 6.1	−18.2
21	β Capricorni	9	15 38.63	− 0.14	**+ 1.78**	305 57 50.70	43.932	+ 6.93	−1 16.4	20 15 40.25	.....	−15 4 46.9	....
22	π Capricorni	9	21 51.23	− 0.16	**+ 1.71**	302 31 50.28	43.065	+ 6.93	−1 26.9	20 21 52.83	.....	−18 31 17.5	....
23	ρ Capricorni	9	23 24.68	− 0.16	**+ 1.77**	302 53 49.62	47.600	+ 6.93	−1 25.6	20 23 26.28	.....	−18 7 33.3	....
24	Moon II, N	9	3 26.38	− 0.14	+ 1.76	306 45 50.55	47.268	+ 6.93	−1 14.2	21 3 28.00	−63.28	−14 15 28.6	....
25	α Equulei	9	11 2.78	− 0.06	**+ 1.75**	325 51 51.72	47.825	+ 6.93	− 37.6	21 11 4.48	.....	+ 4 51 21.8	....
26	B. D. − 9°5724	9	16 50.96	− 0.11	+ 1.76	311 17 50.62	45.942	+ 6.93	−1 3.2	21 16 52.61	− 2.94	− 9 43 47.8	−19.9
27	B. D. −14°6020	9	20 10.15	− 0.14	+ 1.76	306 21 49.90	43.050	+ 6.93	−1 15.4	21 20 11.77	− 2.95	−14 41 6.8	−20.3
	July 29, Br.												
28	Sun I, N	9	32 48.22	+ 0.02	+ 1.58	340 1 54.02	45.955	+ 6.10	− 19.8	8 32 49.82	+66.85	+19 0 58.2	....
29	Sun II, S	9	35 1.92	+ 0.02	+ 1.58	339 29 54.18	47.095	+ 6.10	− 20.4	8 35 3.52	−66.85	+18 29 24.1	....
30	Venus I, C	3	59 31.08	+ 0.02	+ 1.58	339 25 54.00	46.145	+ 5.88	− 20.5	8 59 32.68	+ 0.30	+18 25 1.5	....
31	Venus II	3	59 31.68	+ 0.02	+ 1.58	... .	......	....	. ....	8 59 33.28	− 0.30	.. ..	....
32	Mercury I, C	9	52 36.60	0.00	+ 1.58	335 7 55.02	43.912	+ 5.88	− 25.3	9 52 38.18	+ 0.19	+14 6 6.9	....
33	ζ Ophiuchi	9	31 53.42	− 0.16	**+ 1.64**	310 39 52.90	44.590	+ 6.78	−1 4.0	16 31 54.83	.....	−10 22 17.4	....
34	24 Scorpii	9	36 2.53	− 0.19	+ 1.57	303 29 52.22	42.765	+ 6.78	−1 23.0	16 36 3.91	− 2.74	−17 33 18.8	− 4.5
35	18 Ophiuchi	9	43 55.33	− 0.23	+ 1.57	296 35 53.82	41.318	+ 6.78	−1 49.6	16 43 56.67	− 2.94	−24 28 16.8	− 3.1
36	53 Herculis	9	49 20.11	− 0.03	+ 1.57	352 53 55.32	42.605	+ 6.78	− 6.8	16 49 21.65	− 2.08	+31 51 56.7	−17.9
37	κ Ophiuchi	9	53 8.29	− 0.08	**+ 1.60**	330 31 55.08	48.225	+ 6.78	− 31.1	16 53 9.78	.....	+ 9 31 40.7	....
38	*d* Herculis	9	58 4.30	− 0.02	+ 1.57	354 43 56.28	44.588	+ 6.78	− 5.0	16 58 5.85	.....	+33 42 44.8	....
39	η Ophiuchi	9	4 53.72	− 0.17	**+ 1.57**	305 25 54.15	45.250	+ 6.78	−1 17.3	17 4 55.12	.....	−15 36 14.4	....
40	α Herculis	4	10 16.98	− 0.07	**+ 1.69**	335 30	......	....	. ....	17 10 18.48	.....	+14 30	....
41	*e* Herculis	9	14 22.19	− 0.01	+ 1.57	358 23 55.65	47.398	+ 6.78	− 1.5	17 14 23.75	− 2.19	+37 23 51.9	−19.4
42	σ Ophiuchi	9	21 46.11	− 0.09	**+ 1.64**	325 13 53.88	48.520	+ 6.78	− 38.2	17 21 47.59	.....	+ 4 13 39.1	....
	July 29, Ei.-Y.												
43	Uranus C, C	9	44 40.58	− 0.21	+ 1.70	297 25 53.48	45.680	+ 6.78	−1 45.9	17 44 42.07	.....	−23 36 33.8	....
44	η Serpentis	9	16 21.79	− 0.10	**+ 1.68**	318 5 55.28	46.790	+ 6.78	− 49.6	18 16 23.39	.....	− 2 55 10.4	....
45	C. P. D. −29°5610	9	29 53.92	− 0.24	+ 1.70	291 15 52.90	47.788	+ 6.78	−2 21.0	18 29 55.38	− 3.39	−29 46 21.3	−10.4
46	C. P. D. −26°6635	9	59 17.26	− 0.22	+ 1.70	294 45 51.95	45.965	+ 6.78	−1 59.5	18 59 18.74	− 3.33	−26 16 42.4	−13.2
47	B. D. −17°5535	9	9 18.87	− 0.16	+ 1.70	303 31 53.70	44.945	+ 6.78	−1 23.5	19 9 20.41	− 3.16	−17 30 28.0	−15.0
48	*d* Sagittarii	9	12 2.86	− 0.17	**+ 1.62**	301 53 52.12	48.578	+ 6.78	−1 28.8	19 12 4.39	.....	−19 7 11.7	....
49	B. D. −18°5322	7	16 8.01	− 0.17	+ 1.70	302 59 51.80	47.785	+ 6.78	−1 25.1	19 16 9.54	− 3.17	−18 1 26.6	−15.4
50	δ Aquilæ	9	20 40.88	− 0.08	**+ 1.66**	323 55 54.62	48.672	+ 6.78	− 40.4	19 20 42.50	.....	+ 2 55 41.2	....
51	B. D. −19°5462	9	22 27.81	− 0.18	+ 1.70	301 29 52.42	46.608	+ 6.78	−1 30.2	19 22 29.33	− 3.20	−19 31 57.9	−15.5
52	B. D. −17°5655	9	25 53.98	− 0.17	+ 1.70	303 9 52.75	45.730	+ 6.78	−1 24.7	19 25 55.51	− 3.17	−17 52 12.2	−15.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 19 25	29.95	71.6	70.8
19 53	.....	....	70.4
20 25	29.95	71.0	70.3
21 4	29.94	70.7	70.0
21 19	.....	....	69.8
29 8 35	29.95	79.1	78.2
9 5	29.95	79.0	78.0
9 33	29.95	79.9	79.1
16 28	29.95	76.5	75.1
16 58	.....	....	74.1
17 5	29.96	75.2	....
17 22	29.96	75.0	74.0
17 42	29.97	74.6	73.3
18 12	.....	....	72.1
18 43	29.97	72.9	71.7
19 3	.....	....	71.5

Micrometer bisections are made at II, VI, except as noted below.

2, 6.	Bisections at II, VII.
15, 22, 26, 28, 30, 48, 50, 51.	Bisections at I, II.
23.	Bisections at I, II, VI.
24.	Bisections at II, III, IV, V, VI.
29, 46.	Bisections at VI, VII.
32, 43, 47.	Bisections at I, II, VI, VII.

Notes.

15, 20-27. Faint; thin clouds.

33, 34. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
24	+43 23.0	−14 51.0	...	+28 32.0
28	+ 2.9	−15 47.0	...	−15 44.1
29	+ 3.0	+15 47.0	...	+15 50.0
30	+ 1.8	.. ....	0.0	+ 1.8
32	+ 3.0	.. ....	− 0.1	+ 2.9
43	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−21°5444	9	29 56.75	− 0.18	+ 1.70	300 3 52.48	44.058	+ 6.78	−1 35.5	19 29 58.27	− 3.22	−20 59 1.5	−15.8
2	κ Aquilæ	9	31 45.13	− 0.12	+ **1.70**	313 47 54.38	44.555	+ 6.78	− 57.8	19 31 46.71	.....	− 7 14 10.5	....
3	B. D.−18°5460	9	37 18.86	− 0.17	+ 1.70	302 35 53.08	48.362	+ 6.78	−1 26.5	19 37 20.39	− 3.18	−18 25 13.5	−16.5
4	B. D.−18°5487	9	42 21.55	− 0.17	+ 1.70	302 23 52.60	45.965	+ 6.78	−1 27.2	19 42 23.08	− 3.18	−18 38 9.5	−16.7
5	B. D.−17°5776	9	46 58.17	− 0.16	+ 1.70	303 55 53.75	41.835	+ 6.78	−1 22.4	19 46 59.71	− 3.15	−17 7 37.9	−17.1
6	C. P. D.−26°6880	9	49 59.47	− 0.22	+ 1.70	294 29 51.62	45.273	+ 6.78	−2 1.1	19 50 0.95	− 3.31	−26 33 0.1	−16.6
7	C. P. D.−26°6895	9	53 8.17	− 0.22	+ 1.70	294 35 52.52	45.010	+ 6.78	−2 0.5	19 53 9.65	− 3.31	−26 27 4.6	−16.8
8	C. P. D.−24°6879	9	55 5.32	− 0.20	+ 1.70	296 35 53.58	45.685	+ 6.78	−1 50.3	19 55 6.82	− 3.27	−24 26 38.0	−17.0
9	B. D.−18°5578	9	57 23.61	− 0.17	+ 1.70	302 13 53.05	45.265	+ 6.78	−1 27.8	19 57 25.14	− 3.17	−18 48 25.6	−17.5
10	C. P. D.−24°6906	9	1 58.05	− 0.20	+ 1.70	296 53 52.10	44.068	+ 6.78	−1 48.9	20 1 59.55	− 3.25	−24 9 15.0	−17.4
11	B. D.−19°5731	9	4 53.41	− 0.18	+ 1.70	301 23 51.70	42.650	+ 6.78	−1 30.7	20 4 54.93	− 3.18	−19 39 29.6	−17.8
12	C. P. D.−26°6950	9	7 9.11	− 0.22	+ 1.70	294 33 52.45	46.782	+ 6.78	−2 0.7	20 7 10.59	− 3.29	−26 28 24.4	−17.6
13	α^1 Capricorni	9	12 21.22	− 0.14	+ 1.70	308 13 52.92	45.625	+ 6.78	−1 10.3	20 12 22.78	.....	−12 48 0.0	....
14	C. P. D.−25°7197	9	44 52.46	− 0.21	+ 1.70	295 41 52.75	47.783	+ 6.78	−1 54.6	20 44 53.95	− 3.18	−25 19 55.1	−19.6
15	C. P. D.−24°7109	9	48 24.66	− 0.20	+ 1.70	296 23 53.25	46.737	+ 6.78	−1 51.2	20 48 26.16	− 3.16	−24 38 15.1	−19.8
16	B. D.−22°5572	9	51 21.27	− 0.19	+ 1.70	298 39 52.12	46.718	+ 6.78	−1 41.1	20 51 22.78	− 3.13	−22 22 6.6	−19.8
17	θ Capricorni	9	0 34.69	− 0.16	+ **1.66**	303 25 52.85	44.810	+ 6.78	−1 23.9	21 0 36.23	.....	−17 36 32.3	....
18	ν Aquarii	6	4 23.39	− 0.14	+ **1.70**	309 15 53.35	47.340	+ 6.78	−1 7.8	21 4 24.95	.....	−11 45 17.9	....
19	B. D.−20°6211	9	22 5.87	− 0.18	+ 1.70	300 25 53.20	43.312	+ 6.78	−1 34.3	21 22 7.39	− 3.02	−20 37 16.6	−20.8
20	Saturn I, C	7	25 12.81	− 0.16	+ 1.70	304 39 52.90	48.862	+ 6.78	−1 20.1	21 25 14.35	+ 0.61	−16 22 30.5	....
21	Saturn II	7	25 14.04	− 0.16	+ 1.70	... .	......	....	. ....	21 25 15.58	− 0.62	.. ..	....
22	ξ Aquarii	9	32 39.92	− 0.12	+ **1.68**	312 44	......	....	. ....	21 32 41.50	.....	− 8 16	....
23	B. D.− 9°5963	8	15 48.68	− 0.11	+ 1.70	311 47 52.52	43.900	+ 6.78	−1 2.1	22 15 50.27	− 2.80	− 9 14 31.6	−20.2
24	B. D.−14°6276	9	19 19.86	− 0.13	+ 1.70	307 1 52.90	44.172	+ 6.78	−1 13.6	22 19 21.43	− 2.78	−14 0 36.5	−21.0
25	B. D.−12°6271	9	21 44.41	− 0.12	+ 1.70	309 11 52.95	45.688	+ 6.78	−1 8.1	22 21 45.99	− 2.77	−11 49 56.4	−20.6
26	B. D.− 8°5888 (*pr.*)	5	25 30.96	− 0.10	+ 1.70	312 25 53.05	45.365	+ 6.78	−1 0.7	22 25 32.56	− 2.76	− 8 35 56.2	−20.1
27	B. D.− 8°5888 (*fol.*)	5	25 31.27	− 0.10	+ 1.70	312 25 53.05	45.062	+ 6.78	−1 0.8	22 25 32.87	− 2.76	− 8 36 3.3	−20.1
28	B. D.− 3°5472	9	30 24.33	− 0.08	+ 1.70	318 15 55.12	47.650	+ 6.78	− 49.5	22 30 25.95	− 2.76	− 2 44 50.8	−19.0
29	B. D.−14°6320	9	33 28.63	− 0.13	+ 1.70	306 27 53.55	46.812	+ 6.78	−1 15.1	22 33 30.20	− 2.72	−14 33 37.1	−21.1
30	Moon II, N	9	40 14.80	− 0.10	+ 1.70	313 7 54.30	44.841	+ 6.78	− 59.3	22 40 16.40	−61.49	− 7 54 5.6	....
31	B. D.− 5°5866	9	43 33.23	− 0.09	+ 1.70	315 55 53.80	48.522	+ 6.78	− 53.8	22 43 34.84	− 2.70	− 5 4 36.5	−19.2
32	B. D.−12°6371	9	48 26.64	− 0.12	+ 1.70	308 53 53.40	47.432	+ 6.78	−1 8.8	22 48 28.22	− 2.66	−12 7 16.8	−20.5
33	B. D.−15°6305	9	51 26.38	− 0.14	+ 1.70	305 31 53.25	46.552	+ 6.78	−1 17.8	22 51 27.94	− 2.64	−15 29 46.0	−21.2
34	B. D.+ 0°4950	9	54 33.38	− 0.07	+ 1.70	321 27 54.10	47.908	+ 6.78	− 44.3	22 54 35.01	− 2.69	+ 0 27 19.3	−17.8
35	B. D.− 3°5553	9	56 59.60	− 0.09	+ 1.70	317 49 54.45	45.282	+ 6.78	− 50.4	22 57 1.21	− 2.66	− 3 11 46.5	−18.6
36	B. D.− 8°6019	9	0 19.89	− 0.10	+ 1.70	312 45 53.88	45.082	+ 6.78	−1 0.1	23 0 21.49	− 2.62	− 8 16 1.3	−19.6
37	B. D.− 1°4393	9	2 51.42	− 0.08	+ 1.70	320 11 53.92	48.168	+ 6.78	− 46.3	23 2 53.04	− 2.65	− 0 48 37.0	−17.9
38	B. D.− 6°6157	9	5 42.41	− 0.10	+ 1.70	314 31 54.15	48.808	+ 6.78	− 56.5	23 5 44.01	− 2.60	− 6 28 32.3	−19.1
39	B. D.−11°6032	9	9 41.01	− 0.12	+ 1.70	309 49 52.68	44.675	+ 6.78	−1 6.6	23 9 42.59	− 2.56	−11 12 18.3	−20.1
40	B. D.− 8°6076	9	11 53.45	− 0.10	+ 1.70	312 47 54.18	43.362	+ 6.78	−1 0.0	23 11 55.05	− 2.57	− 8 14 40.2	−19.4
41	B. D.− 5°5966	9	14 26.38	− 0.09	+ 1.70	315 21 54.18	48.550	+ 6.78	− 54.8	23 14 27.99	− 2.57	− 5 38 36.5	−18.7
42	B. D.−13°6391	9	16 52.35	− 0.12	+ 1.70	308 3 53.58	45.210	+ 6.78	−1 10.9	23 16 53.93	− 2.52	−12 58 9.4	−20.3
43	B. D.− 8°6103	9	19 8.42	− 0.10	+ 1.70	312 55 54.02	49.518	+ 6.78	− 59.7	23 19 10.02	− 2.54	− 8 4 19.4	−19.2
44	B. D.+ 0°4999	9	22 20.72	− 0.07	+ 1.70	321 35 53.92	49.725	+ 6.78	− 44.0	23 22 22.35	− 2.59	+ 0 36 1.0	−17.0
45	θ Piscium	9	23 6.88	− 0.05	+ **1.69**	326 51 53.55	47.725	+ 6.78	− 36.3	23 23 8.53	.....	+ 5 51 22.5	....
46	ι Piscium	9	35 1.77	− 0.06	+ **1.63**	326 7 54.68	45.710	+ 6.78	− 37.3	23 35 3.41	.....	+ 5 6 36.6	....
47	B. D.+ 6°5197	9	39 55.92	− 0.05	+ 1.70	327 41 53.65	43.542	+ 6.78	− 35.2	23 39 57.57	− 2.58	+ 6 39 48.1	−14.7
	July 30, M.												
48	Sun I	8	36 42.70	− 0.02	+ 1.63	339 32	......	....	. ....	8 36 44.31	+66.69	.. ..	....
49	Sun II	5	38 56.09	− 0.02	+ 1.63	... .	......	....	. ....	8 38 57.70	−66.70	.. ..	....
50	Venus C, C	7	4 31.37	− 0.02	+ 1.62	339 5 55.25	46.072	+ 6.70	− 20.9	9 4 32.97	0.00	+18 5 1.5	....
51	Mercury C, C	9	58 49.67	− 0.04	+ 1.62	334 27 55.48	44.739	+ 6.70	− 26.0	9 58 51.25	+ 0.04	+13 26 26.4	....
52	ζ Herculis	8	37 40.45	− 0.02	+ 1.61	352 47 54.60	45.130	+ 7.52	− 6.9	16 37 42.04	.....	+31 46 54.3	....
53	18 Ophiuchi	8	43 55.20	− 0.20	+ 1.61	296 35 51.68	41.353	+ 7.52	−1 49.2	16 43 56.61	− 2.93	−24 28 16.9	− 3.0
54	ε Ursæ Minoris	9	55 46.83	+ 0.12	+ 1.61	43 11 58.30	45.732	+ 7.52	+ 51.8	16 55 48.56	.....	+82 12 10.4	....
55	98 H^1. Herculis	9	4 39.28	0.00	+ 1.60	1 39 55.22	44.550	+ 7.52	+ 1.7	17 4 40.88	− 2.08	+40 38 50.3	−19.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 19 38	29.97	72.3	71.1
20 8	.....	....	70.8
20 41	29.97	71.7	71.0
21 9	.....	....	70.8
21 34	29.97	71.3	70.5
22 16	29.96	71.0	70.1
22 36	.....	....	69.9
22 58	29.96	70.3	69.1
23 18	.....	....	69.7
23 41	29.96	70.0	69.5
30 9 5	30.00	79.9	79.2
9 59	29.99	80.7	80.3
16 35	29.94	77.4	76.1

Micrometer bisections are made at II, VI, except as noted below.

4, 27, 45.	Bisections at VI, VII.
5, 10, 40, 46.	Bisections at II, VII.
6.	Bisections at II, VI, VII.
13, 24, 26, 44, 50.	Bisections at I, II.
14, 15.	Bisections at I, II, VI.
16, 17.	Bisections at I, VI.
20.	Z. D. threads C used.
20, 51.	Bisections at I, II, VI, VII.
23, 53.	Bisections at I, II, VII.
30.	Bisections at II, III, IV, V, VI.
54.	Bisections at III, IV, V.

Notes.

4, 6, 9–29, 41.	Unsteady.
13–23.	Clouds.
54.	Right ascension observed eye and ear.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
20	+ 0.8	.. ....	...	+ 0.8
30	+39 15.0	−14 45.5	...	+24 29.5
50	+ 1.8	.. ....	0.0	+ 1.8
51	+ 3.1	.. ....	− 0.2	+ 2.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Herculis	9	10 16.97	− 0.05	+ **1.67**	335 29 54.00	49.430	+ 7.52	− 25.0	17 10 18.52	....	+14 30 14.0	....
2	ε Herculis	9	14 22.14	− 0.01	+ 1.60	358 23 54.50	47.392	+ 7.52	− 1.5	17 14 23.73	− 2.18	+37 23 51.3	−19.6
3	ρ Herculis (*fol.*)	9	20 22.82	− 0.01	+ 1.60	358 15 55.92	43.465	+ 7.52	− 1.6	17 20 24.41	− 2.22	+37 14 22.9	−19.7
4	51 Ophiuchi	9	25 35.16	− 0.20	+ 1.60	297 9 52.12	44.040	+ 7.52	−1 46.8	17 25 36.56	− 3.08	−23 53 12.7	− 6.5
5	α Ophiuchi	9	30 29.65	− 0.06	+ **1.60**	333 37 54.45	49.025	+ 7.52	− 27.2	17 30 31.19	....	+12 38 3.0	....
6	ο Serpentis	9	36 2.49	− 0.14	+ 1.60	308 11 52.45	47.452	+ 7.52	−1 9.8	17 36 3.95	− 2.87	−12 49 17.5	−10.0
7	Uranus C, C	9	44 33.37	− 0.19	+ 1.60	297 25 51.88	45.804	+ 7.52	−1 45.6	17 44 34.78	....	−23 36 31.5	....
8	89 Herculis	9	51 33.73	− 0.03	+ **1.65**	347 3 54.55	48.842	+ 7.52	− 12.6	17 51 35.30	....	+26 4 13.4	....
9	δ Ursæ Minoris	9	3 20.67	+ 0.19	+ 1.60	47 35 59.41	48.044	+ 7.52	+1 0.6	18 3 22.46	....	+86 37 12.9	....
10	δ Sagittarii	9	14 52.83	− 0.23	+ 1.60	291 11 52.00	43.420	+ 7.52	−2 21.1	18 14 54.20	....	−29 52 1.3	....
11	109 Herculis	9	19 37.46	− 0.04	+ **1.67**	342 43 53.40	48.112	+ 7.52	− 17.1	18 19 39.02	....	+21 43 51.1	....
12	2 H. Scuti	9	23 45.11	− 0.15	+ 1.60	306 23 51.65	47.323	+ 7.52	−1 14.7	18 23 46.56	....	−14 37 26.1	....
13	23 H. Camelopardalis S. P.	9	29 48.48	+ 0.02	+ 1.60	61 19 58.35	43.599	+ 7.52	+1 41.0	6 29 50.10	....	+79 39 48.7	....
	July 30, Ei.-Y.												
14	κ Aquilæ	9	31 45.14	− 0.12	+ **1.69**	313 47 53.98	44.532	+ 7.52	− 57.6	19 31 46.67	....	− 7 14 10.5	....
15	C. P. D. −23°7546	9	34 22.71	− 0.20	+ 1.65	297 23 52.78	45.412	+ 7.52	−1 46.2	19 34 24.16	− 3.27	−23 38 40.2	−15.8
16	B. D. −20°5735	9	46 17.33	− 0.18	+ 1.65	301 5 51.52	46.162	+ 7.52	−1 31.4	19 46 18.80	− 3.20	−19 56 9.5	−16.8
17	C. P. D. −24°6848	9	48 34.66	− 0.20	+ 1.65	296 51 53.18	45.902	+ 7.52	−1 48.6	19 48 36.11	− 3.27	−24 10 31.0	−16.6
18	63 Sagittarii	9	56 37.63	− 0.14	+ 1.65	307 7 53.22	45.962	+ 7.52	−1 13.0	19 56 39.14	− 3.11	−13 53 54.0	−17.7
19	C. P. D. −27°6933	9	59 22.57	− 0.21	+ 1.65	293 57 53.25	45.758	+ 7.52	−2 3.7	19 59 24.01	− 3.32	−27 4 49.3	−17.1
20	B. D. −14°5648	9	3 13.94	− 0.14	+ 1.65	306 29 52.85	46.610	+ 7.52	−1 14.6	20 3 15.45	− 3.12	−14 31 41.2	−18.0
21	B. D. −15°5576	9	5 54.27	− 0.15	+ 1.65	305 15 53.08	44.515	+ 7.52	−1 18.1	20 5 55.77	− 3.13	−15 46 32.3	−18.0
22	B. D. −18°5626	9	8 58.91	− 0.16	+ 1.65	302 39 52.00	44.185	+ 7.52	−1 26.1	20 9 0.40	− 3.16	−18 22 48.9	−18.0
23	B. D. −20°5870	9	10 42.88	− 0.17	+ 1.65	300 43 52.45	44.812	+ 7.52	−1 32.8	20 10 44.36	− 3.19	−20 18 40.8	−18.0
24	α^2 Capricorni	9	12 45.33	− 0.13	+ **1.66**	308 11 53.08	44.920	+ 7.52	−1 10.2	20 12 46.85	....	−12 50 15.1	....
25	β Capricorni	9	15 38.76	− 0.14	+ **1.67**	305 57 53.28	43.790	+ 7.52	−1 16.2	20 15 40.27	....	−15 4 46.8	....
26	B. D. −16°5581	9	17 8.31	− 0.15	+ 1.65	304 11 53.15	47.880	+ 7.52	−1 21.2	20 17 9.81	− 3.13	−16 49 18.4	−18.5
27	C. P. D. −26°7009	9	22 17.89	− 0.20	+ 1.65	295 7 52.35	44.765	+ 7.52	−1 57.4	20 22 19.34	− 3.26	−25 55 6.6	−18.4
28	B. D. −22°5442	9	23 55.16	− 0.18	+ 1.65	298 19 51.78	46.255	+ 7.52	−1 42.2	20 23 56.63	− 3.20	−22 42 17.9	−18.6
29	C. P. D. −23°7796	9	28 30.29	− 0.19	+ 1.65	297 27 52.45	46.290	+ 7.52	−1 46.0	20 28 31.75	− 3.21	−23 34 20.2	−18.8
30	B. D. −15°5732	9	31 59.90	− 0.14	+ 1.65	305 33 52.62	44.632	+ 7.52	−1 17.3	20 32 1.41	− 3.10	−15 28 29.3	−19.1
31	B. D. −15°5743	9	33 55.92	− 0.14	+ 1.65	305 45 52.58	42.795	+ 7.52	−1 16.8	20 33 57.43	− 3.09	−15 17 10.8	−19.1
32	B. D. −13°5736	9	37 21.53	− 0.13	+ 1.65	307 35 52.92	46.358	+ 7.52	−1 11.8	20 37 23.05	− 3.07	−13 25 44.0	−19.2
33	ψ Capricorni	9	40 26.56	− 0.20	+ 1.65	295 25 51.90	45.920	+ 7.52	−1 55.9	20 40 28.01	....	−25 36 39.1	....
34	C. P. D. −26°7110	9	43 37.56	− 0.20	+ 1.65	294 53 53.52	48.110	+ 7.52	−1 58.6	20 43 39.01	− 3.21	−26 7 50.1	−19.5
35	B. D. −16°5709	9	45 15.29	− 0.14	+ 1.65	305 9 51.70	46.612	+ 7.52	−1 18.4	20 45 16.80	− 3.08	−15 51 46.1	−19.5
36	B. D. −13°5779	9	47 14.81	− 0.13	+ 1.65	307 27 52.68	46.978	+ 7.52	−1 12.2	20 47 16.33	− 3.06	−13 33 30.5	−19.6
37	B. D. −19°5960	9	49 20.69	− 0.16	+ 1.65	301 53 52.42	43.405	+ 7.52	−1 28.8	20 49 22.18	− 3.10	−19 9 9.0	−19.7
38	B. D. −16°5741	9	52 19.89	− 0.14	+ 1.64	304 37 52.90	46.718	+ 7.52	−1 20.0	20 52 21.39	− 3.07	−16 23 44.0	−19.8
39	B. D. −18°5831	9	55 29.26	− 0.15	+ 1.64	303 7 52.15	46.292	+ 7.52	−1 24.7	20 55 30.75	− 3.08	−17 53 59.2	−19.9
40	B. D. −10°5578	8	57 25.39	− 0.11	+ 1.64	310 39 51.88	45.065	+ 7.52	−1 4.4	20 57 26.92	− 3.02	−10 22 7.2	−19.7
41	B. D. −14°5936 (*pr.*)	9	1 51.97	− 0.13	+ 1.64	306 43 52.10	45.535	+ 7.52	−1 14.2	21 1 53.48	− 3.03	−14 18 6.1	−20.0
42	B. D. −21°5940	9	4 5.38	− 0.17	+ 1.64	300 5 53.02	46.188	+ 7.52	−1 35.3	21 4 6.85	− 3.09	−20 56 11.3	−20.3
43	B. D. − 9°5674	9	5 37.93	− 0.11	+ 1.64	311 17 53.25	44.468	+ 7.52	−1 3.0	21 5 39.46	− 3.00	− 9 44 18.1	−19.8
44	B. D. −21°5974	9	10 11.74	− 0.16	+ 1.64	299 59 52.92	44.920	+ 7.52	−1 35.7	21 10 13.22	− 3.07	−21 2 40.8	−20.5
45	B. D. −18°5904	9	12 55.02	− 0.15	+ 1.64	303 9 51.60	47.408	+ 7.52	−1 24.5	21 12 56.51	− 3.04	−17 51 34.0	−20.4
46	B. D. −15°5958	9	16 13.27	− 0.13	+ 1.64	305 27 53.20	47.390	+ 7.52	−1 17.6	21 16 14.78	− 3.01	−15 33 26.0	−20.4
47	B. D. −13°5923	9	18 58.32	− 0.12	+ 1.64	307 43 52.60	48.112	+ 7.52	−1 11.4	21 18 59.84	− 2.99	−13 17 3.9	−20.3
48	B. D. −15°5983	9	21 11.31	− 0.13	+ 1.64	305 21 52.48	47.795	+ 7.52	−1 17.9	21 21 12.82	− 3.00	−15 39 17.7	−20.5
49	b Capricorni	9	23 16.70	− 0.17	+ 1.64	298 47 52.52	49.108	+ 7.52	−1 40.3	21 23 18.17	− 3.04	−22 13 10.1	−20.9
50	B. D. −10°5696	9	26 27.76	− 0.11	+ 1.64	310 51 52.00	46.618	+ 7.52	−1 4.0	21 26 29.29	− 2.96	−10 9 31.2	−20.2
51	B. D. −19°6131	9	31 3.05	− 0.15	+ 1.64	302 13 52.45	43.915	+ 7.52	−1 27.7	21 31 4.54	− 2.99	−18 48 56.2	−20.9
52	B. D. −22°5735	9	33 44.65	− 0.17	+ 1.64	298 53 52.08	45.735	+ 7.52	−1 40.0	21 33 46.12	− 3.00	−22 8 27.3	−21.2
53	B. D. −21°6076 (*pr.*)	9	37 38.24	− 0.16	+ 1.64	300 11 52.50	45.005	+ 7.52	−1 34.9	21 37 39.72	− 2.98	−20 50 38.4	−21.2
54	B. D. − 9°5827	9	39 49.53	− 0.10	+ 1.64	311 33 52.05	44.385	+ 7.52	−1 2.5	21 39 51.07	− 2.92	− 9 28 20.6	−20.3
55	δ Capricorni	5	41 46.13	− 0.13	+ **1.59**	304 27 53.15	47.545	+ 7.52	−1 20.5	21 41 47.64	....	−16 33 25.3	....
56	B. D. −15°6092	7	49 47.96	− 0.13	+ 1.64	305 19 52.38	45.128	+ 7.52	−1 18.0	21 49 49.47	− 2.91	−15 42 18.8	−21.0
57	B. D. −12°6134	9	53 9.37	− 0.11	+ 1.64	308 27 52.65	47.590	+ 7.52	−1 9.6	21 53 10.90	− 2.89	−12 33 14.0	−20.7
58	B. D. −18°6056	9	56 56.34	− 0.14	+ 1.64	302 39 52.35	47.600	+ 7.52	−1 26.2	21 56 57.84	− 2.89	−18 21 30.6	−21.4
59	B. D. −15°6139	9	1 1.11	− 0.12	+ 1.64	305 39 51.60	47.418	+ 7.52	−1 17.1	22 1 2.63	− 2.87	−15 21 26.4	−21.1
60	B. D. −19°6227	5	3 44.58	− 0.14	+ 1.64	302 3 52.98	43.705	+ 7.52	−1 28.3	22 3 46.08	− 2.87	−18 59 1.0	−21.6
61	θ Aquarii	9	11 47.53	− 0.09	+ **1.53**	312 45 52.95	46.868	+ 7.52	− 59.9	22 11 49.08	....	− 8 15 20.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 17 10	.....	....	75.1
17 40	29.95	75.9	74.5
18 33	29.95	74.9	73.4
19 28	29.95	73.8	72.7
20 18	29.95	73.0	71.9
20 42	.....	....	71.5
21 7	29.94	72.3	71.2
21 32	.....	....	71.0
21 54	29.93	71.9	70.9

Micrometer bisections are made at II, VI, except as noted below.

4, 12, 58.	Bisections at I, II, VI.
7, 10.	Bisections at I, II, VI, VII.
9, 13.	Bisections at b_1, b_2, b_5, b_8, b_9.
34, 53–56.	Bisections at I, II.
59.	Bisections at I, VI.
60.	Bisection at II.

Notes.

9. Microscopes read before and after observation.
45–61. Thin clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
7	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. − 5°5780	9	19 8.16	− 0.08	+ 1.64	315 41 54.08	47.380	+ 7.52	− 54.0	22 19 9.72	− 2.80	− 5 19 1.8	−19.7
2	B. D. − 3°5505	9	42 16.06	− 0.07	+ 1.64	317 47 54.92	48.442	+ 7.52	− 50.2	22 42 17.63	− 2.74	− 3 12 32.9	−19.0
3	δ Aquarii	6	49 34.65	− 0.12	+ **1.55**	304 41 53.10	47.245	+ 7.52	−1 19.9	22 49 36.17	.....	−16 19 31.6	....
	July 31, M.												
4	98 B. Cephei	9	7 31.62	+ 0.13	+ 1.57	38 43 57.02	46.838	+ 8.70	+ 44.2	21 7 33.32	.....	+77 44 28.0	....
5	σ Cygni	9	13 40.43	+ 0.02	+ 1.57	359 59 55.80	47.125	+ 8.68	+ 0.1	21 13 42.02	.....	+38 59 49.2	....
6	Saturn I, C	5	24 38.79	− 0.13	+ 1.57	304 35 52.80	51.642	+ 8.66	−1 19.3	21 24 40.23	+ 0.64	−16 25 24.4	....
7	Saturn II	5	24 40.07	− 0.13	+ 1.57	... .	......	....	. ....	21 24 41.51	− 0.64	.. ..	....
8	ξ Aquarii	9	32 40.01	− 0.10	+ **1.60**	312 43 51.10	48.419	+ 8.64	− 59.3	21 32 41.48	.....	− 8 16 45.2	....
9	κ Capricorni	9	37 19.53	− 0.14	+ 1.57	301 43 50.68	46.718	+ 8.63	−1 28.4	21 37 20.96	− 2.98	−19 17 53.5	−21.1
10	δ Capricorni	9	41 46.15	− 0.13	+ **1.58**	304 27 52.20	47.528	+ 8.61	−1 19.7	21 41 47.59	.....	−16 33 24.8	....
11	16 Pegasi	9	48 43.17	0.00	+ **1.57**	346 29 53.90	44.760	+ 8.60	− 13.1	21 48 44.73	.....	+25 28 40.1	....
12	134 G. Capricorni	9	53 24.18	− 0.15	+ 1.56	299 23 51.52	46.495	+ 8.59	−1 37.0	21 53 25.59	− 2.94	−21 38 6.4	−21.6
13	20 Pegasi	9	56 26.17	− 0.02	+ 1.56	333 39 53.32	48.610	+ 8.58	− 27.1	21 56 27.71	− 2.96	+12 39 53.5	−17.4
14	20 Cephei	9	2 8.31	+ 0.09	+ 1.56	23 19 56.15	44.460	+ 8.56	+ 23.8	22 2 9.96	.....	+62 19 12.4	....
15	ζ Cephei	9	7 33.93	+ 0.08	+ 1.56	18 43 56.75	46.398	+ 8.55	+ 18.7	22 7 35.57	.....	+57 43 52.1	....
16	θ Aquarii	9	11 47.52	− 0.09	+ **1.55**	312 45 52.72	46.810	+ 8.54	− 59.3	22 11 48.99	.....	− 8 15 20.4	....
17	30 H. Ursæ Majoris S. P.	9	17 9.69	+ 0.10	+ 1.56	74 53 58.48	46.470	+ 8.53	+3 21.7	10 17 11.35	.....	+66 3 1.4	....
18	σ Aquarii	9	25 35.44	− 0.09	+ **1.55**	309 51 52.20	45.808	+ 8.51	−1 5.7	22 25 36.91	.....	−11 9 50.2	....
19	η Aquarii	9	30 26.79	− 0.06	+ **1.51**	320 25 52.20	43.338	+ 8.50	− 45.4	22 30 28.29	.....	− 0 36 26.4	....
20	ζ Pegasi	9	36 41.76	− 0.02	+ **1.59**	331 21 53.50	44.020	+ 8.48	− 30.0	22 36 43.30	.....	+10 20 5.8	....
21	τ Aquarii	9	44 31.89	− 0.10	+ 1.56	306 55 51.88	46.742	+ 8.46	−1 13.0	22 44 33.35	− 2.71	−14 5 36.6	−21.0
22	94 H¹. Aquarii	9	50 13.53	− 0.07	+ 1.56	315 31 52.92	45.828	+ 8.45	− 53.9	22 50 15.02	− 2.71	− 5 29 37.4	−19.4
23	ο Andromedæ	9	57 32.04	+ 0.05	+ 1.56	2 49 55.08	44.285	+ 8.43	+ 2.8	22 57 33.65	.....	+41 48 46.1	....
24	c² Aquarii	9	4 21.04	− 0.14	+ 1.56	299 21 50.92	43.575	+ 8.42	−1 37.4	23 4 22.46	.....	−21 41 14.3	....
25	γ Piscium	9	12 12.51	− 0.04	+ **1.59**	323 47 53.18	43.588	+ 8.40	− 40.2	23 12 14.03	.....	+ 2 45 45.4	....
26	11 G. Sculptoris	9	16 9.83	− 0.16	+ 1.56	293 31 52.18	47.002	+ 8.39	−2 5.4	23 16 11.23	− 2.53	−27 30 22.7	−23.2
27	υ Pegasi	9	20 36.58	+ 0.02	+ **1.57**	343 53 54.05	45.058	+ 8.38	− 15.9	23 20 38.16	.....	+22 52 44.0	....
28	70 Pegasi	9	24 19.15	0.00	+ 1.56	333 15 54.15	43.910	+ 8.37	− 27.7	23 24 20.71	.....	+12 14 6.1	....
29	b³ Aquarii	9	28 16.28	− 0.13	+ 1.56	299 35 52.28	45.852	+ 8.36	−1 36.5	23 28 17.71	− 2.47	−21 26 20.1	−22.1
30	ψ Andromedæ	9	41 18.29	+ 0.07	+ 1.56	6 53 55.98	45.558	+ 8.33	+ 6.7	23 41 19.92	− 3.50	+45 53 19.9	− 4.5
31	φ Pegasi	9	47 37.33	+ 0.01	+ **1.60**	339 35 54.42	47.070	+ 8.31	− 20.4	23 47 38.90	.....	+18 35 25.8	....
32	ω Piscium	9	54 23.92	− 0.01	+ **1.55**	327 21 52.58	44.455	+ 8.29	− 35.2	23 54 25.47	.....	+ 6 20 9.5	....
33	2 Ceti	9	58 50.28	− 0.10	+ **1.50**	303 9 51.42	46.540	+ 8.28	−1 24.0	23 58 51.74	.....	−17 51 52.8	....
34	Moon II, N	9	13 17.26	− 0.03	+ 1.56	320 41 51.62	43.272	+ 8.25	− 45.1	0 13 18.79	−61.08	− 0 20 28.5	....
	August 2, Br.												
35	Sun I, S	9	48 22.95	+ 0.03	+ 1.36	338 31 54.95	43.860	+ 6.74	− 21.4	8 48 24.34	+66.46	+17 30 10.2	....
36	Sun II, N	9	50 35.87	+ 0.03	+ 1.36	339 3 53.72	42.700	+ 6.74	− 20.9	8 50 37.26	−66.46	+18 1 43.3	....
37	24 Scorpii	8	36 2.67	− 0.12	+ 1.30	303 29 52.40	42.710	+ 6.63	−1 22.7	16 36 3.85	− 2.70	−17 33 19.7	− 4.6
38	18 Ophiuchi	9	43 55.44	− 0.16	+ 1.30	296 35 53.68	41.338	+ 6.63	−1 49.1	16 43 56.58	− 2.90	−24 28 16.2	− 3.1
39	53 Herculis	9	49 20.24	+ 0.06	+ 1.30	352 53 56.08	42.612	+ 6.63	− 6.8	16 49 21.60	− 2.02	+31 51 57.5	−18.5
40	κ Ophiuchi	9	53 8.47	− 0.01	+ **1.31**	330 31 54.58	48.265	+ 6.63	− 31.0	16 53 9.76	.....	+ 9 31 41.0	....
41	d Herculis	9	58 4.37	+ 0.06	+ 1.30	354 43 55.90	44.660	+ 6.63	− 5.0	16 58 5.73	.....	+33 42 45.9	....
42	η Ophiuchi	9	4 53.91	− 0.11	+ **1.28**	305 25 53.02	45.292	+ 6.63	−1 17.0	17 4 55.10	.....	−15 36 14.4	....
43	α Herculis	9	10 17.23	+ 0.01	+ **1.32**	335 29 54.65	49.468	+ 6.63	− 25.0	17 10 18.54	.....	+14 30 14.6	....
44	σ Ophiuchi	9	21 46.32	− 0.03	+ **1.33**	325 13 53.80	48.558	+ 6.63	− 38.1	17 21 47.59	.....	+ 4 13 39.9	....
	August 2, T.												
45	ψ Andromedæ	5	41 18.62	+ 0.11	+ 1.29	6 53 56.25	45.688	+ 7.18	+ 6.8	23 41 20.02	− 3.55	+45 53 22.0	− 5.0
46	φ Pegasi	9	47 37.68	+ 0.03	+ **1.28**	339 35 55.05	47.158	+ 6.97	− 20.7	23 47 39.00	.....	+18 35 26.8	....
47	2 Ceti	9	58 50.61	− 0.12	+ **1.25**	303 9 52.25	46.655	+ 7.09	−1 25.3	23 58 51.78	.....	−17 51 51.8	....
48	γ Pegasi	9	8 18.82	+ 0.02	+ **1.33**	335 39 54.95	46.720	+ 6.87	− 25.3	0 8 20.13	.....	+14 39 12.0	....
49	44 Piscium	9	20 30.08	− 0.03	+ **1.27**	322 25 53.85	46.400	+ 6.81	− 43.0	0 20 31.34	.....	+ 1 24 45.9	....
50	49 G. Ceti	9	25 35.74	− 0.16	+ 1.29	296 43 53.02	45.445	+ 6.78	−1 50.5	0 25 36.87	− 2.15	−24 18 44.2	−21.6
51	α Cassiopeiæ	9	35 5.65	+ 0.15	+ 1.28	16 59 58.08	48.595	+ 6.74	+ 17.2	0 35 7.08	.....	+56 0 40.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 22 21	......	....	70.8
22 44	29.93	71.6	70.9
23 28	......	....	71.0
31 21 8	29.86	76.8	75.3
21 30	......	....	75.0
22 8	29.85	75.9	74.4
22 34	......	....	74.0
23 1	29.84	74.9	73.6
23 36	......	....	73.2
0 6	29.84	73.9	72.9
2 8 51	29.82	78.3	77.2
16 36	29.80	75.9	74.2
17 7	......	....	73.2
17 22	29.805	74.5	73.0
0 2	29.82	67.1	65.0

Micrometer bisections are made at II, VI, except as noted below.

1, 24, 36.	Bisections at VI, VII.
3.	Bisections at I, VI.
4, 14, 17.	Bisections at III, IV, V.
6.	Z. D. threads C used.
6, 8, 26, 29.	Bisections at I, II, VI, VII.
15.	Bisections at IV, V.
34.	Bisections at II, III, IV, V, VI.
35, 39.	Bisections at I, II.
49.	Bisections at II, VII.

Notes.

17, 29. Poor.
43. Very faint.
45, 47. Two microscopes used.
48. Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 0.8	.. ....	...	+ 0.8
34	+34 6.9	−14 47.7	...	+19 19.2
35	+ 3.1	+15 46.5	...	+15 49.6
36	+ 3.1	−15 46.6	...	−15 43.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Andromedæ	9	42 16.21	+ 0.04	+ **1.34**	344 45 56.30	45.265	+ 6.70	− 15.2	0 42 17.53	.....	+23 44 50.0	....
2	20 Ceti	9	48 7.16	− 0.04	+ **1.20**	319 21 54.18	45.488	+ 6.68	− 48.0	0 48 8.40	.....	− 1 39 39.7	....
3	72 Piscium	9	0 2.36	+ 0.02	+ 1.28	335 25 55.60	48.725	+ 6.62	− 25.6	1 0 3.66	− 2.43	+14 25 57.9	− 8.8
4	Moon II, N	9	47 32.06	− 0.01	+ 1.28	328 19 52.68	46.063	+ 6.39	− 34.6	1 47 33.33	−62.54	+ 7 18 45.0	....
	August 3, T.												
5	Sun I, N	9	52 15.13	+ 0.03	+ 1.27	338 47 55.28	43.850	+ 5.69	− 21.3	8 52 16.43	+66.40	+17 46 9.4	....
6	Sun II, S	9	54 27.93	+ 0.03	+ 1.27	338 15 56.38	45.032	+ 5.69	− 21.9	8 54 29.23	−66.40	+17 14 37.3	....
7	Venus C, C	9	24 20.82	+ 0.02	+ 1.27	337 41 56.50	43.751	+ 5.67	− 22.5	9 24 22.11	0.00	+16 40 7.3	....
8	Mercury C, C	5	22 12.66	− 0.01	+ 1.26	331 47 53.98	43.208	+ 5.67	− 29.4	10 22 13.91	+ 0.05	+10 45 45.0	....
	August 3, Ei.-Y.												
9	Uranus C, C	7	44 6.51	− 0.22	+ 1.38	297 25 53.22	46.242	+ 6.11	−1 46.2	17 44 7.67	.....	−23 36 22.1	....
10	B. D. −19°5077	7	29 45.78	− 0.19	+ 1.38	301 41 53.60	45.332	+ 6.11	−1 29.5	18 29 46.97	− 3.12	−19 20 25.9	−12.2
11	C. P. D. −28°6638	7	35 24.02	− 0.24	+ 1.38	292 59 52.28	46.580	+ 6.11	−2 9.7	18 35 25.16	− 3.33	−28 2 38.9	−10.9
12	4 H. Scuti	7	37 2.75	− 0.13	+ **1.45**	311 53 52.95	44.140	+ 6.11	−1 1.8	18 37 4.00	.....	− 9 8 26.1	....
13	B. D. −22°4854	7	40 35.31	− 0.21	+ 1.37	298 31 53.70	48.638	+ 6.11	−1 41.6	18 40 36.47	− 3.21	−22 29 22.4	−12.4
14	C. P. D. −28°6680	7	41 36.32	− 0.25	+ 1.37	292 39 52.90	46.270	+ 6.11	−2 11.9	18 41 37.44	− 3.35	−28 22 47.6	−11.3
15	C. P. D. −26°6572	7	44 41.07	− 0.24	+ 1.37	294 9 51.80	46.348	+ 6.11	−2 2.9	18 44 42.20	− 3.31	−26 52 37.9	−11.8
16	C. P. D. −29°5758	7	46 33.47	− 0.25	+ 1.37	291 33 54.20	44.892	+ 6.11	−2 19.3	18 46 34.59	− 3.38	−29 29 25.1	−11.5
17	σ Sagittarii	7	49 20.95	− 0.23	+ 1.37	294 37 53.45	45.798	+ 6.11	−2 0.4	18 49 22.09	− 3.31	−26 24 46.3	−12.2
18	θ Serpentis	7	51 28.44	− 0.08	+ **1.32**	325 5 54.75	46.858	+ 6.11	− 38.7	18 51 29.73	.....	+ 4 5 0.9	....
19	B. D. −15°5223	7	0 13.22	− 0.16	+ 1.37	305 13 52.60	45.890	+ 6.11	−1 18.6	19 0 14.43	− 3.11	−15 48 3.2	−14.8
20	τ Sagittarii	7	0 59.04	− 0.24	+ 1.37	293 13 53.42	46.955	+ 6.11	−2 8.6	19 1 0.17	− 3.36	−27 48 28.1	−12.9
21	C. P. D. −24°6650	7	9 44.45	− 0.21	+ 1.37	296 41 53.40	46.432	+ 6.11	−1 50.1	19 9 45.61	− 3.28	−24 20 21.6	−14.0
22	C. P. D. −28°6867	7	12 33.72	− 0.24	+ 1.37	293 3 52.85	46.355	+ 6.11	−2 9.7	19 12 34.85	− 3.37	−27 58 43.4	−13.6
23	B. D. −15°5310	7	13 33.67	− 0.16	+ 1.37	305 19 54.10	46.060	+ 6.11	−1 18.3	19 13 34.88	− 3.12	−15 41 57.6	−15.5
24	C. P. D. −26°6735	7	15 51.78	− 0.23	+ 1.37	294 41 53.38	46.485	+ 6.11	−2 0.3	19 15 52.92	− 3.33	−26 20 30.5	−14.2
25	C. P. D. −25°6802	7	20 54.02	− 0.22	+ 1.37	295 15 53.32	47.150	+ 6.11	−1 57.3	19 20 55.17	− 3.32	−25 46 12.4	−14.5
26	B. D. −21°5410	7	25 14.22	− 0.19	+ 1.37	299 31 53.78	45.605	+ 6.11	−1 37.9	19 25 15.40	− 3.23	−21 30 27.9	−15.4
27	B. D. −22°5156	7	29 4.21	− 0.20	+ 1.37	298 49 52.68	46.272	+ 6.11	−1 40.7	19 29 5.38	− 3.25	−22 12 16.5	−15.6
28	B. D. −18°5432	7	31 31.19	− 0.17	+ 1.37	302 35 53.88	45.292	+ 6.11	−1 26.8	19 31 32.39	− 3.18	−18 26 23.8	−16.2
29	C. P. D. −23°7543	7	34 5.43	− 0.20	+ 1.37	297 23 53.65	45.865	+ 6.11	−1 46.9	19 34 6.60	− 3.28	−23 38 31.1	−15.7
30	C. P. D. −25°6870	7	36 35.34	− 0.21	+ 1.37	295 57 53.70	45.558	+ 6.11	−1 53.7	19 36 36.50	− 3.30	−25 4 44.8	−15.7
31	B. D. −21°5556	7	47 15.38	− 0.18	+ 1.37	299 43 52.68	45.468	+ 6.11	−1 37.1	19 47 16.57	− 3.23	−21 18 31.3	−16.7
32	C. P. D. −23°7614	7	50 58.63	− 0.20	+ 1.37	297 43 53.82	44.792	+ 6.11	−1 45.4	19 50 59.80	− 3.27	−23 18 53.9	−16.7
33	B. D. −21°5588	7	54 46.90	− 0.18	+ 1.37	299 55 53.65	44.510	+ 6.11	−1 36.3	19 54 48.09	− 3.23	−21 6 51.4	−17.1
34	B. D. −17°5832	7	56 4.63	− 0.16	+ 1.37	303 55 54.60	41.898	+ 6.11	−1 22.6	19 56 5.84	− 3.17	−17 7 36.5	−17.5
35	269 G. Sagittarii	7	58 5.10	− 0.19	+ 1.37	298 9 53.02	48.070	+ 6.11	−1 43.4	19 58 6.28	− 3.25	−22 51 37.8	−17.2
36	B. D. −17°5860	7	1 36.11	− 0.16	+ 1.37	303 33 53.02	46.375	+ 6.11	−1 23.7	20 1 37.32	− 3.17	−17 27 56.8	−17.8
37	C. P. D. −25°7008	7	4 21.74	− 0.21	+ 1.37	295 27 53.52	48.575	+ 6.11	−1 56.1	20 4 22.90	− 3.30	−25 33 38.4	−17.3
38	B. D. −12°5664	7	6 40.66	− 0.13	+ 1.37	308 21 54.30	44.645	+ 6.11	−1 10.2	20 6 41.90	− 3.11	−12 40 21.6	−18.3
39	B. D. −17°5913	7	9 47.34	− 0.15	+ 1.37	303 53 53.50	45.570	+ 6.11	−1 22.7	20 9 48.56	− 3.16	−17 8 13.8	−18.2
40	B. D. −15°5606	7	11 23.27	− 0.14	+ 1.37	305 33 53.90	45.222	+ 6.11	−1 17.7	20 11 24.50	− 3.14	−15 28 16.3	−18.4
41	C. P. D. −25°7042	7	14 2.76	− 0.21	+ 1.37	295 31 53.08	44.422	+ 6.11	−1 56.0	20 14 3.92	− 3.29	−25 31 13.7	−17.8
42	B. D. −13°5642	7	15 22.34	− 0.13	+ 1.37	307 57 55.05	47.252	+ 6.11	−1 11.3	20 15 23.58	− 3.11	−13 3 22.4	−18.6
43	B. D. −19°5809	7	19 34.05	− 0.17	+ 1.37	301 17 53.90	45.535	+ 6.11	−1 31.4	20 19 35.25	− 3.19	−19 44 22.9	−18.5
44	B. D. −21°5719	7	21 18.27	− 0.18	+ 1.37	299 55 54.18	43.940	+ 6.11	−1 36.5	20 21 19.46	− 3.21	−21 7 4.1	−18.5
45	C. P. D. −24°6997	7	23 4.98	− 0.20	+ 1.37	296 45 53.98	42.905	+ 6.11	−1 50.1	20 23 6.15	− 3.35	−24 17 41.5	−18.4
46	C. P. D. −25°7104	7	27 11.62	− 0.20	+ 1.37	295 45 52.92	48.175	+ 6.11	−1 54.8	20 27 12.79	− 3.26	−25 15 46.9	−18.6
47	B. D. −21°5768	7	30 55.22	− 0.17	+ 1.37	300 7 54.20	44.838	+ 6.11	−1 35.7	20 30 56.42	− 3.19	−20 54 42.8	−18.9
48	υ Capricorni	7	34 37.11	− 0.16	+ 1.37	302 33 53.88	45.578	+ 6.11	−1 27.0	20 34 38.32	.....	−18 28 17.5	....
49	B. D. −14°5839	7	39 14.92	− 0.13	+ 1.37	306 29 53.10	46.865	+ 6.11	−1 15.2	20 39 16.16	− 3.11	−14 31 37.1	−19.4
50	ε Aquarii	7	42 30.61	− 0.11	+ **1.41**	311 11 52.58	44.008	+ 6.11	−1 3.6	20 42 31.87	.....	− 9 50 31.3	....
51	B. D. −11°5434	7	44 12.06	− 0.12	+ 1.37	309 13 54.15	44.705	+ 6.11	−1 8.2	20 44 13.31	− 3.08	−11 48 18.4	−19.6
52	B. D. −10°5526	7	46 36.42	− 0.11	+ 1.37	310 21 53.10	44.678	+ 6.11	−1 5.5	20 46 37.68	− 3.07	−10 40 17.4	−19.7
53	B. D. −19°5950	7	48 5.97	− 0.16	+ 1.37	301 33 53.30	45.870	+ 6.11	−1 30.5	20 48 7.18	− 3.14	−19 28 14.9	−19.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 0 39	....	....	64.3
1 7	29.82	65.8	64.0
1 48	29.83	65.0	63.5
3 8 54	29.92	76.6	75.0
9 24	29.91	77.0	75.9
10 22	29.90	78.2	77.0
17 49	29.92	72.1	71.0
18 27	29.92	71.0	71.0
18 54	....	....	69.5
19 22	29.93	69.6	68.8
19 53	....	....	69.1
20 17	29.925	69.0	68.3
20 50	....	....	67.8

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at II, III, IV, V, VI.
5, 19, 22.	Bisections at I, II.
6, 8, 14, 20, 48.	Bisections at VI, VII.
7, 9, 32.	Bisections at I, II, VI, VII.
26.	Bisections at II, VI, VII.
31.	Bisections at I, II, VI.
35, 37, 41, 45, 50.	Bisections at II, VII.

Notes.

30.	Clouds.
33.	Very faint.
34–53.	Images occasionally poor; unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+28 35.9	−14 59.8	...	+13 36.1
5	+ 3.1	−15 46.0	...	−15 42.9
6	+ 3.2	+15 46.0	...	+15 49.2
7	+ 1.9	.. ....	0.0	+ 1.9
8	+ 3.6	.. ....	− 0.2	+ 3.4
9	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	θ Capricorni	7	0 35.01	− 0.15	+ **1.38**	303 25 54.30	44.810	+ 6.11	−1 24.3	21 0 36.23	.....	−17 36 31.9	....
2	B. D. −13°5901	7	13 20.74	− 0.11	+ 1.37	308 1 53.75	46.812	+ 6.11	−1 11.2	21 13 22.00	− 3.04	−12 59 33.6	−20.3
3	ι Capricorni	7	16 55.98	− 0.13	+ **1.40**	303 47 53.85	45.495	+ 6.11	−1 23.1	21 16 57.22	.....	−17 14 15.5	....
4	B. D. −7°5565	7	22 19.69	− 0.08	+ 1.37	313 35 53.88	46.535	+ 6.11	− 58.5	21 22 20.98	− 3.00	− 7 25 27.1	−20.2
5	Saturn I, C	5	23 46.93	− 0.13	+ 1.37	304 33 55.15	45.510	+ 6.11	−1 20.9	21 23 48.17	+ 0.60	−16 29 46.3	....
6	Saturn II	5	23 48.13	− 0.13	+ 1.37	... .	......	....	. ....	21 23 49.37	− 0.60	.. ..	....
7	B. D. −14°6128	7	43 21.52	− 0.12	+ 1.37	306 25 53.98	45.010	+ 6.11	−1 15.5	21 43 22.77	− 2.98	−14 36 18.9	−21.0
8	B. D. −19°6176	7	46 23.82	− 0.15	+ 1.37	301 57 54.48	46.732	+ 6.11	−1 29.7	21 46 25.04	− 2.99	−19 3 52.6	−21.3
9	ι Aquarii	7	1 16.90	− 0.12	+ **1.37**	306 41 53.48	46.398	+ 5.87	−1 14.8	22 1 18.15	.....	−14 19 47.2	....
10	B. D. − 4°5625	7	5 35.08	− 0.07	+ 1.37	316 17 54.80	44.848	+ 5.87	− 53.8	22 5 36.38	− 2.91	− 4 43 59.8	−20.1
11	θ Aquarii	7	11 47.76	− 0.09	+ **1.36**	312 45 55.02	46.885	+ 5.87	−1 0.3	22 11 49.04	.....	− 8 15 20.1	....
12	B. D. − 6°5972	7	16 24.01	− 0.08	+ 1.36	314 17 55.52	47.035	+ 5.87	− 57.2	22 16 25.29	− 2.88	− 6 43 13.0	−20.3
13	B. D. −18°6114	7	19 23.08	− 0.14	+ 1.36	302 57 54.85	45.265	+ 5.87	−1 25.9	22 19 24.30	− 2.87	−18 4 22.8	−21.7
14	B. D. − 6°5996	7	22 52.50	− 0.08	+ 1.36	314 37 55.02	46.658	+ 5.87	− 56.6	22 22 53.78	− 2.86	− 6 23 21.5	−20.2
15	σ Aquarii	7	25 35.70	− 0.10	+ **1.35**	309 51 54.30	45.943	+ 5.87	−1 6.8	22 25 36.96	.....	−11 9 48.7	....
16	B. D. −18°6154	7	30 40.36	− 0.14	+ 1.36	303 3 53.25	48.972	+ 5.87	−1 25.6	22 30 41.58	− 2.82	−17 56 59.4	−21.7
17	B. D. −10°5966	7	35 5.74	− 0.09	+ 1.36	311 9 52.42	47.218	+ 5.87	−1 3.9	22 35 7.01	− 2.81	− 9 51 18.6	−20.6
18	B. D. − 9°6038 (*fol.*)	7	38 3.18	− 0.09	+ 1.36	312 13 53.25	43.928	+ 5.87	−1 1.6	22 38 4.45	− 2.80	− 8 48 30.7	−20.4
19	B. D. − 7°5858	7	42 23.35	− 0.08	+ 1.36	313 45 53.98	50.785	+ 5.87	− 58.3	22 42 24.63	− 2.79	− 7 13 50.0	−20.1
20	τ Aquarii	7	44 32.10	− 0.12	+ 1.36	306 55 54.68	46.802	+ 5.87	−1 14.3	22 44 33.34	− 2.77	−14 5 36.3	−21.2
21	B. D. − 6°6087	7	48 30.25	− 0.08	+ 1.36	314 31 54.72	46.335	+ 5.87	− 56.8	22 48 31.53	− 2.77	− 6 29 29.4	−19.9
22	B. D. −11°5953	7	51 48.91	− 0.10	+ 1.36	310 15 54.35	44.975	+ 5.87	−1 6.0	22 51 50.17	− 2.75	−10 46 10.1	−20.6
23	B. D. −13°6318	7	54 33.85	− 0.11	+ 1.36	307 27 54.05	43.720	+ 5.87	−1 12.9	22 54 35.10	− 2.72	−13 34 45.9	−21.0
24	B. D. −12°6404	7	57 31.92	− 0.10	+ 1.36	309 15 53.55	44.137	+ 5.87	−1 8.3	22 57 33.18	− 2.72	−11 46 32.3	−20.7
25	B D. + 0°4963	7	0 24.40	− 0.05	+ 1.36	321 49 54.15	43.658	+ 5.87	− 43.9	23 0 25.71	− 2.78	+ 0 47 41.7	−18.3
26	B. D. − 6°6147	7	2 53.80	− 0.08	+ 1.36	314 47 54.35	48.510	+ 5.87	− 56.2	23 2 55.08	− 2.72	− 6 12 39.5	−19.6
27	B. D. −11°6020	7	6 29.88	− 0.10	+ 1.36	309 59 54.22	46.910	+ 5.87	−1 6.5	23 6 31.14	− 2.68	−11 1 26.5	−20.4
28	B. D. −12°6453	7	10 21.89	− 0.10	+ 1.36	308 55 53.62	48.375	+ 5.87	−1 9.0	23 10 23.15	− 2.66	−12 4 56.1	−20.6
29	γ Piscium	7	12 12.89	− 0.04	+ **1.27**	323 47 55.82	43.668	+ 5.87	− 40.9	23 12 14.21	.....	+ 2 45 46.6	....
30	B. D. − 4°5868	7	15 18.62	− 0.07	+ 1.36	316 35 55.25	44.362	+ 5.87	− 52.8	23 15 19.91	− 2.68	− 4 26 10.0	−19.0
31	B. D. + 2°4663 (*fol.*)	7	19 24.10	− 0.04	+ 1.36	324 11 54.68	48.598	+ 5.87	− 40.2	23 19 25.42	− 2.73	+ 3 11 38.8	−17.2
32	B. D. −12°6496	7	23 6.85	− 0.10	+ 1.36	309 3 52.68	44.765	+ 5.87	−1 8.7	23 23 8.11	− 2.60	−11 58 19.2	−20.4
33	B. D. − 5°6011	7	28 33.33	− 0.07	+ 1.36	316 5 54.55	46.065	+ 5.87	− 53.7	23 28 34.62	− 2.62	− 4 55 32.7	−18.7
34	B. D. − 9°6220	7	31 4.23	− 0.09	+ 1.36	311 43 52.82	46.790	+ 5.87	−1 2.5	23 31 5.50	− 2.58	− 9 17 26.6	−19.6
35	B. D. + 4°5036	7	35 25.27	− 0.03	+ 1.36	325 17 55.72	46.075	+ 5.87	− 38.6	23 35 26.60	− 2.68	+ 4 16 43.8	−16.3
36	B. D. − 3°5697	7	39 38.10	− 0.06	+ 1.36	317 17 55.00	49.690	+ 5.87	− 51.4	23 39 39.40	− 2.59	− 3 42 7.1	−18.1
37	B. D. + 3°4895	7	42 51.69	− 0.03	+ 1.36	324 43 54.68	44.488	+ 5.87	− 39.5	23 42 53.02	− 2.65	+ 3 42 5.6	−16.1
38	B. D. − 3°5723	7	48 0.94	− 0.06	+ 1.36	317 19 55.18	47.348	+ 5.87	− 51.4	23 48 2.24	− 2.55	− 3 41 0.5	−17.8
39	B. D. + 6°5216	7	50 14.36	− 0.02	+ 1.36	327 33 54.32	45.380	+ 5.87	− 35.5	23 50 15.70	− 2.65	+ 6 32 29.6	−15.1
	August 3, M.												
40	Moon II, N	7	36 56.02	0.00	+ 1.31	331 51 56.30	41.428	+ 5.28	− 30.1	2 36 57.33	−63.96	+10 49 6.1	....
	August 4, M.												
41	Sun I, N	7	56 6.66	+ 0.01	+ 1.30	338 31 56.60	44.230	+ 5.45	− 21.4	8 56 7.97	+66.26	+17 30 19.0	....
42	Sun II, S	7	58 19.18	+ 0.01	+ 1.30	337 59 56.02	45.438	+ 5.45	− 22.0	8 58 20.49	−66.26	+16 58 45.8	....
	August 4, Br.												
43	b^3 Aquarii	7	28 16.80	− 0.17	+ 1.19	299 35 53.82	45.928	+ 6.84	−1 37.1	23 28 17.82	− 2.56	−21 26 18.9	−22.2
44	ι Piscium	7	35 2.35	− 0.04	+ **1.17**	326 7 54.10	45.840	+ 6.84	− 37.1	23 35 3.50	.....	+ 5 6 39.3	....
45	ψ Andromedæ	6	41 18.91	+ 0.09	+ 1.19	6 53 56.85	45.675	+ 6.84	+ 6.8	23 41 20.19	− 3.61	+45 53 22.1	− 5.6
46	φ Pegasi	7	47 37.87	0.00	+ **1.17**	339 35 55.42	47.162	+ 6.84	− 20.6	23 47 39.06	.....	+18 35 27.3	....
47	ω Piscium	7	54 24.38	− 0.04	+ **1.21**	327 21 54.35	44.520	+ 6.84	− 35.4	23 54 25.53	.....	+ 6 20 11.1	....
48	2 Ceti	7	58 50.75	− 0.15	+ **1.19**	303 9 53.45	46.565	+ 6.84	−1 24.5	23 58 51.79	.....	−17 51 52.2	....
49	6 B. Ursæ Minoris s. p.	5	13 39.20	− 1.67	+ 1.19	52 45 57.98	44.453	+ 6.84	+1 13.1	12 13 38.72	.....	+88 13 57.9	....
50	12 Ceti	5	25 9.70	− 0.08	+ **1.16**	316 31 54.20	47.508	+ 6.84	− 52.4	0 25 10.81	.....	− 4 28 57.8	....
51	β Ceti	7	38 47.43	− 0.15	+ **1.21**	302 31 53.28	45.095	+ 6.84	−1 26.6	0 38 48.46	.....	−18 30 28.0	....
52	δ Piscium	7	43 43.33	− 0.04	+ **1.23**	328 5 54.18	43.990	+ 6.84	− 34.5	0 43 44.47	.....	+ 7 3 59.7	....
53	20 Ceti	7	48 7.28	− 0.07	+ **1.16**	319 21 55.10	45.430	+ 6.84	− 47.5	0 48 8.39	.....	− 1 39 39.5	....
54	ε Piscium	7	57 58.86	− 0.04	+ **1.17**	328 23 54.30	45.615	+ 6.84	− 34.0	0 58 0.00	.....	+ 7 22 37.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 21 18	29.925	68.0	67.7
21 47	......	....	67.6
22 13	29.91	67.5	67.0
22 40	......	....	66.0
23 12	29.91	67.0	66.8
23 37	......	....	67.4
23 57	29.92	67.4	67.0
2 37	29.94	65.4	64.2
4 8 58	29.97	81.5	80.4
23 25	29.86	71.5	70.2
23 48	......	....	70.2
0 20	29.845	71.0	70.1
0 58	......	....	70.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at II, VI, VII.
2, 8, 20, 22, 28, 30, 35, 37.	Bisections at II, VII.
4, 41.	Bisections at I, II.
5.	Z. D. threads C used.
5.	Bisections at I, II, VI, VII.
24.	Bisections at I, II, VI.
40.	Bisections at II, III, IV, V, VI.
42, 50.	Bisections at VI, VII.
45.	Bisections at III, V.
49.	Bisections at b_3, b_4, b_5, b_7, b_9.

Notes.

1–39.	Conditions generally poor.
22, 30, 45–54.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 0.8	.. ....	...	+ 0.8
40	+25 58.2	−15 9.9	...	+10 48.3
41	+ 3.1	−15 46.5	...	−15 43.4
42	+ 3.2	+15 46.6	...	+15 49.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Ursæ Minoris	7	25 15.87	+ 2.63	+ 1.18	49 47 58.95	43.487	+ 6.84	+1 5.7	1 25 19.68	.....	+88 47 32.5	....
	August 6, T.												
2	Sun I, S.	6	3 48.27	+ 0.03	+ 1.09	337 27 55.68	44.190	+ 6.00	− 22.4	9 3 49.39	+66.17	+16 26 16.8	....
3	Sun II, N.	7	6 0.61	+ 0.03	+ 1.09	337 59 55.42	42.972	+ 6.00	− 21.8	9 6 1.73	−66.17	+16 57 49.6	....
4	Venus C, C.	7	39 0.89	+ 0.03	+ 1.08	336 31 54.42	47.708	+ 6.26	− 23.4	9 39 2.00	0.00	+15 31 35.3	....
5	κ Ophiuchi	7	53 8.77	− 0.04	+ **0.98**	330 31 51.45	48.412	+ 6.63	− 30.8	16 53 9.79	.....	+ 9 31 41.5	....
6	η Ophiuchi	7	4 54.23	− 0.14	+ **0.95**	305 25 51.78	45.345	+ 6.63	−1 16.6	17 4 55.15	.....	−15 36 14.0	....
7	α Herculis	7	10 17.56	− 0.03	+ **0.98**	335 29 54.02	49.525	+ 6.63	− 24.8	17 10 18.59	.....	+14 30 15.5	....
8	ξ Ophiuchi	7	15 17.03	− 0.18	+ 1.06	300 1 52.32	45.415	+ 6.63	−1 34.2	17 15 17.91	− 2.90	−21 0 29.5	− 6.6
9	σ Ophiuchi	7	21 46.54	− 0.06	+ **1.10**	325 13 53.02	48.570	+ 6.63	− 37.9	17 21 47.54	.....	+ 4 13 39.6	....
10	β Ophiuchi	4	38 45.42	− 0.06	+ **1.05**	325 37 53.88	45.965	+ 6.63	− 37.4	17 38 46.42	.....	+ 4 36 41.4	....
	August 6, Ei.-Y.												
11	Uranus C, C.	7	43 48.05	− 0.19	+ 1.19	297 25 53.40	46.478	+ 6.85	−1 44.9	17 43 49.05	.....	−23 36 14.5	....
12	B. D. −19°5077	7	29 45.96	− 0.17	+ 1.18	301 41 52.95	45.282	+ 6.85	−1 28.4	18 29 46.97	− 3.11	−19 20 25.9	−12.3
13	4 H. Scuti	6	37 2.93	− 0.11	+ **1.24**	311 53 52.58	44.098	+ 6.85	−1 1.0	18 37 4.00	.....	− 9 8 25.9	....
14	C. P. D. −25°6602	7	38 57.80	− 0.20	+ 1.18	295 55 52.90	46.782	+ 6.85	−1 52.0	18 38 58.78	− 3.25	−25 6 15.2	−11.7
15	B. D. −18°5115	7	47 31.17	− 0.16	+ 1.18	302 17 53.80	43.875	+ 6.85	−1 26.5	18 47 32.19	− 3.13	−18 44 55.3	−13.6
16	B. D. −16°5078	7	50 1.30	− 0.15	+ 1.18	304 31 52.90	47.660	+ 6.85	−1 19.4	18 50 2.33	− 3.10	−16 29 22.5	−14.2
17	θ Serpentis	7	51 28.63	− 0.06	+ **1.10**	325 5 54.68	46.818	+ 6.85	− 38.2	18 51 29.75	.....	+ 4 5 1.1	....
18	τ Sagittarii	7	0 59.21	− 0.22	+ 1.18	293 13 50.98	46.932	+ 6.85	−2 6.8	19 1 0.17	− 3.35	−27 48 28.4	−12.8
19	C. P. D. −24°6603	7	2 24.97	− 0.20	+ 1.18	296 13 52.05	46.835	+ 6.85	−1 50.7	19 2 25.95	− 3.28	−24 48 13.5	−13.4
20	C. P. D. −26°6735	7	15 51.91	− 0.21	+ 1.18	294 41 52.28	46.470	+ 6.85	−1 58.5	19 15 52.88	− 3.32	−26 20 29.4	−14.1
21	B. D. −21°5410	7	25 14.46	− 0.18	+ 1.18	299 31 52.45	45.575	+ 6.85	−1 36.5	19 25 15.46	− 3.23	−21 30 27.7	−15.5
22	B. D. −18°5432	6	31 31.42	− 0.16	+ 1.18	302 35 52.95	45.252	+ 6.85	−1 25.6	19 31 32.44	− 3.18	−18 26 23.8	−16.3
23	C. P. D. −23°7543	7	34 5.66	− 0.19	+ 1.18	297 23 52.48	45.810	+ 6.85	−1 45.4	19 34 6.65	− 3.28	−23 38 31.2	−15.7
24	C. P. D. −25°6870	7	36 35.51	− 0.20	+ 1.18	295 57 53.32	45.460	+ 6.85	−1 52.1	19 36 36.49	− 3.30	−25 4 45.1	−15.6
25	C. P. D. −24°6809	7	41 23.62	− 0.19	+ 1.18	297 3 52.78	47.510	+ 6.85	−1 46.9	19 41 24.61	− 3.29	−23 57 53.6	−16.1
26	B. D. −15°5479	7	45 2.56	− 0.14	+ 1.18	305 21 52.38	47.032	+ 6.85	−1 17.2	19 45 3.60	− 3.15	−15 39 35.2	−17.3
27	B. D. −21°5556	7	47 15.59	− 0.18	+ 1.18	299 43 52.62	45.378	+ 6.85	−1 35.8	19 47 16.59	− 3.24	−21 18 31.4	−16.8
28	C. P. D. −23°7614	7	50 58.92	− 0.19	+ 1.18	297 43 52.70	44.738	+ 6.85	−1 44.1	19 50 59.91	− 3.27	−23 18 54.2	−16.7
29	B. D. −21°5588	7	54 47.04	− 0.18	+ 1.18	299 55 52.35	44.498	+ 6.85	−1 35.1	19 54 48.04	− 3.23	−21 6 51.0	−17.2
30	B. D. −17°5832	7	56 4.80	− 0.15	+ 1.18	303 55 53.32	41.905	+ 6.85	−1 21.5	19 56 5.83	− 3.17	−17 7 35.8	−17.7
31	269 G. Sagittarii	7	58 5.29	− 0.19	+ 1.18	298 9 51.65	48.045	+ 6.85	−1 42.1	19 58 6.28	− 3.26	−22 51 37.7	−17.2
32	B. D. −17°5860	7	1 36.28	− 0.16	+ 1.18	303 33 52.30	46.350	+ 6.85	−1 22.6	20 1 37.30	− 3.18	−17 27 56.3	−17.9
33	C. P. D. −25°7008	7	4 21.96	− 0.20	+ 1.18	295 27 52.45	48.492	+ 6.85	−1 54.6	20 4 22.94	− 3.31	−25 33 39.2	−17.3
34	B. D. −12°5664	7	6 40.82	− 0.13	+ 1.18	308 21 52.68	44.650	+ 6.85	−1 9.3	20 6 41.87	− 3.12	−12 40 21.5	−18.5
35	B. D. −17°5913	7	9 47.57	− 0.11	+ 1.18	303 53 52.52	45.535	+ 6.85	−1 21.6	20 9 48.64	− 3.17	−17 8 13.7	−18.3
36	B. D. −15°5606	7	11 23.51	− 0.14	+ 1.18	305 33 52.85	45.182	+ 6.85	−1 16.7	20 11 24.55	− 3.15	−15 28 16.6	−18.5
37	B. D. −13°5642	7	15 22.50	− 0.13	+ 1.18	307 57 54.28	47.238	+ 6.85	−1 10.3	20 15 23.55	− 3.12	−13 3 21.7	−18.8
38	B. D. −14°5732	7	18 6.30	− 0.14	+ 1.18	306 27 52.75	46.980	+ 6.85	−1 14.2	20 18 7.34	− 3.14	−14 33 33.0	−18.8
39	B. D. −19°5809	7	19 34.20	− 0.17	+ 1.18	301 17 52.65	45.480	+ 6.85	−1 30.1	20 19 35.21	− 3.20	−19 44 23.3	−18.6
40	C. P. D. −24°6997	7	23 5.18	− 0.20	+ 1.18	296 45 52.98	42.858	+ 6.85	−1 48.5	20 23 6.16	− 3.27	−24 17 41.3	−18.4
41	B. D. −17°6007	7	25 55.49	− 0.16	+ 1.18	303 33 53.10	47.785	+ 6.85	−1 22.6	20 25 56.51	− 3.17	−17 27 22.6	−19.0
42	C. P. D. −25°7104	7	27 11.76	− 0.20	+ 1.18	295 45 52.20	48.088	+ 6.85	−1 53.2	20 27 12.74	− 3.28	−25 15 47.2	−18.5
43	B. D. −21°5768	7	30 55.39	− 0.18	+ 1.18	300 7 53.15	44.785	+ 6.85	−1 34.4	20 30 56.39	− 3.21	−20 54 43.0	−19.0
44	υ Capricorni	7	34 37.28	− 0.16	+ 1.18	302 33 53.18	45.515	+ 6.85	−1 25.8	20 34 38.30	.....	−18 28 17.7	....
45	B. D. −14°5839	7	39 15.14	− 0.14	+ 1.17	306 29 52.18	46.830	+ 6.85	−1 14.1	20 39 16.17	− 3.13	−14 31 37.0	−19.6
46	ε Aquarii	7	42 30.76	− 0.12	+ **1.29**	311 11 51.90	43.965	+ 6.85	−1 2.7	20 42 31.81	.....	− 9 50 31.3	....
47	B. D. −11°5434	7	44 12.28	− 0.13	+ 1.17	309 13 53.35	44.650	+ 6.85	−1 7.2	20 44 13.32	− 3.10	−11 48 18.7	−19.8
48	B. D. −10°5526	7	46 36.65	− 0.12	+ 1.17	310 21 51.75	44.650	+ 6.85	−1 4.6	20 46 37.70	− 3.09	−10 40 17.7	−19.9
49	B. D. −19°5950	7	48 6.18	− 0.17	+ 1.17	301 33 52.75	45.778	+ 6.85	−1 29.2	20 48 7.18	− 3.16	−19 28 15.5	−19.8
50	θ Capricorni	7	0 35.20	− 0.16	+ **1.23**	303 25 53.48	44.742	+ 6.85	−1 23.1	21 0 36.21	.....	−17 36 32.4	....
51	ι Capricorni	7	16 56.21	− 0.14	+ **1.21**	303 47 53.58	45.412	+ 6.85	−1 21.9	21 16 57.24	.....	−17 14 15.8	....
52	B. D. − 7°5565	7	22 19.94	− 0.09	+ 1.17	313 35 53.12	46.468	+ 6.85	− 57.7	21 22 21.02	− 3.03	− 7 25 27.9	−20.6
53	ι Aquarii	7	1 17.14	− 0.12	+ **1.17**	306 41 51.85	46.392	+ 6.72	−1 13.8	22 1 18.19	.....	−14 19 47.1	....
54	θ Aquarii	7	11 47.98	− 0.10	+ **1.20**	312 45 52.75	46.920	+ 6.72	− 59.3	22 11 49.05	.....	− 8 15 19.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 1 36	29.85	70.8	69.8
6 9 6	29.76	80.9	81.0
9 39	29.77	81.6	81.3
16 58	29.74	77.5	75.5
17 47	29.75	75.7	74.4
18 27	29.75	75.0	73.8
18 54	......	....	73.4
19 22	29.74	73.9	73.0
19 53	......	....	72.2
20 21	29.735	72.9	71.9
20 49	......	....	71.8
21 23	29.72	72.3	71.4
22 0	......	....	70.5
22 13	29.72	72.0	72.1

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at b_2, b_3, b_5, b_7, b_8.
2, 16, 18, 29, 38, 41.	Bisections at I, II.
3, 22, 32.	Bisections at VI, VII.
4, 11.	Bisections at I, II, VI, VII.
21, 26, 42, 50.	Bisections at II, VII.

Notes.

1.	Clouds; faint at times.
18–24.	Conditions very poor.
35, 40–46, 51.	Image poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
2	+ 3.3	+15 46.3	...	+15 49.6
3	+ 3.2	−15 46.4	...	−15 43.2
4	+ 2.0	.. ....	0.0	+ 2.0
11	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 6°5972	7	16 24.22	− 0.09	+ 1.17	314 17 54.15	46.998	+ 6.72	− 56.2	22 16 25.30	− 2.92	− 6 43 13.4	−20.6
2	B. D.−18°6114	7	19 23.38	− 0.14	+ 1.17	302 57 54.08	45.165	+ 6.72	−1 24.5	22 19 24.41	− 2.92	−18 4 23.6	−21.9
3	B. D.− 6°5996	7	22 52.72	− 0.09	+ 1.17	314 37 54.25	46.598	+ 6.72	− 55.6	22 22 53.80	− 2.90	− 6 23 21.9	−20.6
4	σ Aquarii	7	25 35.91	− 0.11	+ **1.19**	309 51 53.32	45.908	+ 6.72	−1 5.7	22 25 36.97	.....	−11 9 48.6	....
5	B. D.−18°6154	7	30 40.59	− 0.14	+ 1.17	303 3 52.25	48.885	+ 6.72	−1 24.1	22 30 41.62	− 2.87	−17 57 0.0	−21.9
6	B. D.−10°5966	7	35 5.96	− 0.10	+ 1.17	311 9 52.15	47.142	+ 6.72	−1 2.7	22 35 7.03	− 2.86	− 9 51 18.6	−20.9
7	B. D.− 9°6038 (*fol.*)	7	38 3.43	− 0.10	+ 1.17	312 13 52.75	43.860	+ 6.72	−1 0.4	22 38 4.50	− 2.85	− 8 48 30.7	−20.7
8	B. D.− 7°5858	7	42 23.62	− 0.09	+ 1.17	313 47 53.98	45.430	+ 6.72	− 57.2	22 42 24.70	− 2.84	− 7 13 50.4	−20.5
9	τ Aquarii	7	44 32.40	− 0.12	+ 1.17	306 55 53.12	46.795	+ 6.72	−1 13.0	22 44 33.45	− 2.82	−14 5 35.9	−21.5
10	B. D.− 6°6087	7	48 30.48	− 0.09	+ 1.17	314 31 53.02	46.348	+ 6.72	− 55.8	22 48 31.56	− 2.82	− 6 29 29.0	−20.3
11	B. D.−11°5953	7	51 49.17	− 0.10	+ 1.17	310 15 53.58	44.920	+ 6.72	−1 4.8	22 51 50.24	− 2.80	−10 46 10.1	−20.9
12	B. D.−13°6318	7	54 34.15	− 0.12	+ 1.17	307 27 52.62	43.712	+ 6.72	−1 11.7	22 54 35.20	− 2.78	−13 34 45.5	−21.3
13	B. D.−12°6404	7	57 32.22	− 0.11	+ 1.17	309 15 53.20	44.075	+ 6.72	−1 7.2	22 57 33.28	− 2.77	−11 46 32.1	−21.0
14	B. D.+ 0°4963	7	0 24.67	− 0.06	+ 1.17	321 49 52.78	43.675	+ 6.72	− 43.2	23 0 25.78	− 2.83	+ 0 47 42.3	−18.7
15	B. D.− 6°6147	7	2 54.00	− 0.08	+ 1.17	314 47 53.05	48.475	+ 6.72	− 55.4	23 2 55.09	− 2.78	− 6 12 39.9	−20.0
16	B. D.−11°6020	7	6 30.23	− 0.10	+ 1.17	309 59 52.25	46.928	+ 6.72	−1 5.5	23 6 31.30	− 2.74	−11 1 26.2	−20.8
17	B. D.−12°6453	7	10 22.21	− 0.11	+ 1.17	308 55 53.28	48.305	+ 6.72	−1 8.0	23 10 23.27	− 2.72	−12 4 56.2	−20.9
18	γ Piscium	7	12 13.09	− 0.05	+ **1.14**	323 47 54.75	43.668	+ 6.72	− 40.3	23 12 14.21	.....	+ 2 45 47.0	....
19	B. D.− 4°5868	7	15 18.92	− 0.08	+ 1.17	316 35 54.10	44.360	+ 6.72	− 52.1	23 15 20.01	− 2.74	− 4 26 9.6	−19.4
20	B. D.−10°6098	7	16 53.44	− 0.10	+ 1.17	310 43 52.00	48.285	+ 6.72	−1 3.9	23 16 54.51	− 2.70	−10 16 53.8	−20.5
21	B. D.+ 2°4663 (*fol.*)	7	19 24.44	− 0.05	+ 1.17	324 11 54.40	48.600	+ 6.72	− 39.7	23 19 25.56	− 2.79	+ 3 11 39.9	−17.7
22	B. D.−12°6496	7	23 7.10	− 0.11	+ 1.17	309 3 52.82	44.708	+ 6.72	−1 7.8	23 23 8.16	− 2.66	−11 58 18.7	−20.7
23	B. D.+ 1°4731	7	26 13.39	− 0.06	+ 1.17	322 51 54.90	45.448	+ 6.72	− 41.7	23 26 14.50	− 2.75	+ 1 50 26.4	−17.7
24	B. D.− 5°6011	7	28 33.58	− 0.08	+ 1.17	316 5 53.70	46.050	+ 6.72	− 53.0	23 28 34.67	− 2.69	− 4 55 32.3	−19.1
25	B. D.− 9°6220	7	31 4.58	− 0.10	+ 1.16	311 43 52.32	46.775	+ 6.72	−1 1.7	23 31 5.64	− 2.64	− 9 17 25.8	−20.0
26	B. D.+ 4°5036	7	35 25.64	− 0.05	+ 1.16	325 17 55.28	46.070	+ 6.72	− 38.2	23 35 26.75	− 2.74	+ 4 16 44.5	−16.8
27	B. D.− 3°5697	7	39 38.41	− 0.08	+ 1.16	317 17 53.72	49.652	+ 6.72	− 50.8	23 39 39.49	− 2.65	− 3 42 7.8	−18.5
28	B. D.+ 3°4895	7	42 51.99	− 0.05	+ 1.16	324 43 53.92	44.495	+ 6.72	− 39.0	23 42 53.10	− 2.71	+ 3 42 6.3	−16.7
29	B. D.− 3°5723	7	48 1.23	− 0.08	+ 1.16	317 19 53.65	47.400	+ 6.72	− 50.8	23 48 2.31	− 2.62	− 3 40 59.3	−18.2
30	B. D.+ 6°5216	7	50 14.68	− 0.04	+ 1.16	327 33 53.92	45.395	+ 6.72	− 35.1	23 50 15.80	− 2.71	+ 6 32 30.8	−15.6
31	B. D.− 1°4514	7	54 52.97	− 0.07	+ 1.16	320 11 53.00	48.405	+ 6.72	− 46.0	23 54 54.06	− 2.61	− 0 48 32.2	−17.3
32	B. D.+ 8°5164	7	57 30.75	− 0.03	+ 1.16	329 25 53.92	48.185	+ 6.72	− 32.6	23 57 31.88	− 2.71	+ 8 25 37.1	−14.8
33	44 Piscium	7	20 30.29	− 0.06	+ **1.19**	322 25 54.70	46.370	+ 6.72	− 42.5	0 20 31.39	.....	+ 1 24 46.5	....
	August 9, Br.												
34	Sun I, N	7	15 16.28	+ 0.06	+ 0.82	337 7 57.25	46.305	+ 6.07	− 23.5	9 15 17.16	+65.88	+16 7 5.6	....
35	Sun II, S	7	17 28.03	+ 0.06	+ 0.82	336 35 55.70	47.432	+ 6.07	− 24.1	9 17 28.91	−65.87	+15 35 29.6	....
	August 10, T.												
36	Sun I, N	7	19 4.52	+ 0.05	+ 0.72	336 51 55.50	42.635	+ 5.49	− 23.4	9 19 5.29	+65.79	+15 49 39.5	....
37	Sun II, S	7	21 16.09	+ 0.05	+ 0.72	336 19 54.35	43.680	+ 5.49	− 24.0	9 21 16.86	−65.78	+15 18 2.1	....
38	Venus C, C	7	58 19.00	+ 0.04	+ 0.72	334 55 55.48	44.401	+ 6.85	− 25.4	9 58 19.76	0.00	+13 54 19.4	....
39	Mercury C, C	7	57 47.10	+ 0.02	+ 0.72	327 7 52.38	46.992	+ 6.85	− 35.0	10 57 47.84	+ 0.06	+ 6 7 6.5	....
	August 11, M.												
40	η Ophiuchi	7	4 54.49	− 0.12	+ **0.61**	305 25 50.78	45.345	+ 7.73	−1 17.1	17 4 55.06	.....	−15 36 14.4	....
41	α Herculis	7	10 17.76	+ 0.01	+ **0.67**	335 29 52.20	49.570	+ 7.73	− 25.0	17 10 18.46	.....	+14 30 15.6	....
42	*e* Herculis	7	14 22.83	+ 0.08	+ 0.69	358 23 54.15	47.495	+ 7.73	− 1.5	17 14 23.60	− 1.96	+37 23 53.5	−21.5
43	ρ Herculis (*fol.*)	7	20 23.53	+ 0.08	+ 0.69	358 15 54.20	43.620	+ 7.73	− 1.6	17 20 24.30	− 2.01	+37 14 24.9	−21.6
44	51 Ophiuchi	7	25 35.90	− 0.17	+ 0.69	297 9 50.45	44.098	+ 7.73	−1 46.8	17 25 36.42	− 2.96	−23 53 12.9	− 6.4
45	α Ophiuchi	7	30 30.39	0.00	+ **0.67**	333 37 51.75	49.212	+ 7.73	− 27.2	17 30 31.08	.....	+12 38 4.7	....
46	*o* Serpentis	7	36 3.32	− 0.10	+ 0.69	308 11 51.30	47.535	+ 7.73	−1 9.8	17 36 3.91	− 2.76	−12 49 16.6	−10.3
47	Uranus C, C	7	43 21.12	− 0.16	+ 0.69	297 25 49.18	47.132	+ 7.73	−1 45.6	17 43 21.65	.....	−23 36 3.6	....
48	89 Herculis	7	51 34.42	+ 0.04	+ **0.74**	347 3 53.48	48.990	+ 7.73	− 12.6	17 51 35.15	.....	+26 4 15.9	....
49	δ Ursæ Minoris	7	3 17.07	+ 1.36	+ 0.68	47 35 56.76	48.290	+ 7.73	+1 0.6	18 3 19.11	.....	+86 37 16.1	....
50	36 Draconis	7	13 22.27	+ 0.23	+ 0.68	25 21 54.78	47.375	+ 7.73	+ 26,3	18 13 23.18	− 2.43	+64 22 19.0	−24.4
51	109 Herculis	.	.. ..	....	....	342 43 52.25	48.272	+ 7.73	− 17.1	18 19	.....	+21 43 53.8	....
52	*c* Serpentis	7	24 43.37	− 0.05	+ 0.68	318 59 52.38	43.130	+ 7.73	− 48.0	18 24 44.00	− 2.78	− 2 2 34.4	−15.9
53	3 H. Scuti	7	30 1.28	− 0.08	+ **0.68**	312 43 51.35	44.050	+ 7.73	− 59.7	18 30 1.88	.....	− 8 18 26.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 22 40	......	....	72.2
23 8	29.72	71.4	70.7
23 37	......	....	69.8
23 59	29.72	70.1	68.9
0 22	29.72	69.8	68.5
9 9 17	30.23	75.0	73.2
10 9 21	30.07	80.2	80.2
9 58	30.06	82.2	82.8
10 58	30.05	84.5	84.0
11 16 57	29.96	76.9	75.7
17 23	......	....	75.0
18 3	29.96	74.9	74.0
18 30	......	....	74.0

Micrometer bisections are made at II, VI, except as noted below.

2, 16, 20, 33.	Bisections at II, VII.
11, 35, 37, 39, 44; 52.	Bisections at VI, VII.
24.	Bisection at II.
34, 36.	Bisections at I, II.
38, 47.	Bisections at I, II, VI, VII.
49.	Bisections at b_1, b_2, b_5, b_8, b_9.

Notes.

16. Rather difficult.
44. Clouds.
49. Microscopes read at beginning and end of observation.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
34	+ 3.3	−15 47.9	...	−15 44.6
35	+ 3.4	+15 48.0	...	+15 51.4
36	+ 3.4	−15 48.7	...	−15 45.3
37	+ 3.4	+15 48.7	...	+15 52.1
38	+ 2.2	.. ....	0.0	+ 2.2
39	+ 4.5	.. ....	− 0.4	+ 4.1
47	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Lyræ	7	33 43.07	+ 0.09	+ 0.68	359 41 55.48	47.832	+ 7.73	− 0.2	18 33 43.84	....	+38 42 3.8	....
2	φ Sagittarii	7	39 42.29	− 0.19	+ 0.68	293 57 50.52	44.845	+ 7.73	−2 3.3	18 39 42.78	....	−27 5 12.3	....
3	51 H. Cephei s. P.	7	55 34.00	− 1.46	+ 0.68	53 47 55.14	45.385	+ 7.73	+1 15.5	6 55 33.22	....	+87 11 36.0	....
	August 11, Ei.-Y.												
4	B. D. −15°5479	7	45 2.91	− 0.12	+ 0.72	305 21 51.18	47.105	+ 7.48	−1 17.8	19 45 3.51	− 3.15	−15 39 34.7	−17.3
5	β Aquilæ	6	50 38.14	− 0.02	+ 0.73	327 11 51.05	45.098	+ 7.48	− 35.7	19 50 38.84	....	+ 6 10 21.3	....
6	τ Aquilæ	7	59 29.33	− 0.02	+ 0.72	328 1 52.78	46.048	+ 7.48	− 34.5	19 59 30.03	....	+ 7 0 45.9	....
7	C. P. D. −24°6922	7	5 47.04	− 0.17	+ 0.72	296 31 51.48	46.490	+ 7.48	−1 50.3	20 5 47.59	− 3.30	−24 30 20.9	−16.1
8	C. P. D. −27°6972	7	9 21.02	− 0.17	+ 0.72	293 43 50.60	45.668	+ 7.48	−2 5.1	20 9 21.57	− 3.35	−27 18 55.4	−17.1
9	B. D. −21°5669	7	11 13.87	− 0.15	+ 0.72	299 49 51.35	43.155	+ 7.48	−1 36.3	20 11 14.44	− 3.24	−21 13 23.3	−17.9
10	B. D. −19°5776	7	13 54.03	− 0.14	+ 0.72	301 37 51.88	44.400	+ 7.48	−1 29.6	20 13 54.61	− 3.22	−19 24 47.7	−18.3
11	β Capricorni	7	15 39.75	− 0.11	+ 0.70	305 57 51.42	43.908	+ 7.48	−1 16.2	20 15 40.36	....	−15 4 46.0	....
12	B. D. −13°5661	7	18 48.79	− 0.10	+ 0.72	307 19 51.22	45.708	+ 7.48	−1 12.5	20 18 49.41	− 3.14	−13 42 1.3	−19.0
13	B. D. −14°5753	7	22 44.39	− 0.11	+ 0.72	306 43 50.85	44.488	+ 7.48	−1 14.1	20 22 45.00	− 3.15	−14 18 31.1	−19.1
14	B. D. −13°5680	7	24 14.25	− 0.10	+ 0.72	308 7 51.60	44.840	+ 7.48	−1 10.4	20 24 14.87	− 3.14	−12 54 18.7	−19.3
15	B. D. −21°5752	7	27 54.54	− 0.15	+ 0.72	299 49 50.68	43.930	+ 7.48	−1 36.3	20 27 55.11	− 3.24	−21 13 6.2	−18.7
16	B. D. −19°5852	7	28 59.19	− 0.14	+ 0.72	301 19 50.58	43.332	+ 7.48	−1 30.7	20 28 59.77	− 3.22	−19 43 14.5	−18.9
17	C. P. D. −25°7135	7	32 12.13	− 0.18	+ 0.72	295 35 50.90	46.870	+ 7.48	−1 54.9	20 32 12.67	− 3.30	−25 26 17.5	−18.6
18	B. D. −20°5995	7	34 4.83	− 0.14	+ 0.72	301 1 51.65	46.012	+ 7.48	−1 31.7	20 34 5.41	− 3.22	−20 0 13.1	−19.1
19	B. D. −12°5808	7	38 21.69	− 0.10	+ 0.72	309 1 50.70	48.618	+ 7.48	−1 8.2	20 38 22.31	− 3.13	−11 58 51.1	−19.9
20	C. P. D. −24°7074	7	40 41.41	− 0.17	+ 0.72	296 57 51.62	47.065	+ 7.48	−1 48.3	20 40 41.96	− 3.27	−24 4 5.7	−19.1
21	B. D. −21°5840	7	43 44.82	− 0.15	+ 0.72	300 3 51.08	45.415	+ 7.48	−1 35.4	20 43 45.39	− 3.22	−20 58 31.1	−19.5
22	B. D. −14°5866	7	46 2.53	− 0.11	+ 0.72	306 45 51.30	44.358	+ 7.48	−1 14.0	20 46 3.14	− 3.14	−14 16 33.6	−20.0
23	B. D. −12°5854	7	47 53.07	− 0.10	+ 0.72	309 5 51.60	45.935	+ 7.48	−1 8.1	20 47 53.69	− 3.12	−11 55 51.4	−20.2
24	7 Aquarii	7	51 45.23	− 0.09	+ 0.72	310 57 51.78	46.388	+ 7.48	−1 3.7	20 51 45.86	− 3.11	−10 3 36.4	−20.3
25	B. D. −13°5813	7	54 40.93	− 0.10	+ 0.72	307 35 51.62	47.920	+ 7.48	−1 11.8	20 54 41.55	− 3.13	−13 25 9.7	−20.3
26	η Capricorni	7	58 59.23	− 0.14	+ 0.72	300 47 51.48	47.320	+ 7.48	−1 32.7	20 58 59.81	− 3.19	−20 13 44.4	−20.1
27	B. D. −22°5612	7	2 26.71	− 0.16	+ 0.72	298 19 50.78	44.695	+ 7.48	−1 42.5	21 2 27.27	− 3.22	−22 42 54.9	−20.1
28	B. D. −16°5810	7	4 50.84	− 0.12	+ 0.72	304 55 52.10	48.275	+ 7.48	−1 19.2	21 4 51.44	− 3.14	−16 5 8.5	−20.5
29	B. D. −15°5908	7	6 25.78	− 0.11	+ 0.72	306 9 50.95	47.085	+ 7.48	−1 15.7	21 6 26.39	− 3.13	−14 51 33.3	−20.6
30	B. D. −16°5827	7	10 17.49	− 0.12	+ 0.72	304 31 51.28	48.708	+ 7.48	−1 20.5	21 10 18.09	− 3.14	−16 29 0.7	−20.2
31	B. D. −20°6178	7	13 2.30	− 0.15	+ 0.72	300 17 52.20	46.918	+ 7.48	−1 34.6	21 13 2.87	− 3.18	−20 43 54.8	−20.6
32	B. D. − 8°5634	7	16 52.15	− 0.08	+ 0.72	313 5 52.65	46.745	+ 7.48	− 59.2	21 16 52.79	− 3.08	− 7 55 22.9	−20.9
33	B. D. −10°5668	7	20 6.10	− 0.09	+ 0.72	310 53 50.42	42.510	+ 7.48	−1 4.0	21 20 6.73	− 3.09	−10 9 6.7	−20.9
34	B. D. −19°6098	7	21 42.31	− 0.14	+ 0.72	301 33 50.90	46.425	+ 7.48	−1 30.0	21 21 42.89	− 3.15	−19 28 2.8	−20.9
35	B. D. − 9°5758	7	24 53.22	− 0.08	+ 0.72	311 59 50.55	48.000	+ 7.48	−1 1.5	21 24 53.86	− 3.08	− 9 0 58.6	−21.0
36	B. D. −12°6026	7	27 12.02	− 0.10	+ 0.72	308 21 51.68	42.735	+ 7.48	−1 10.0	21 27 12.64	− 3.09	−12 41 6.3	−21.1
37	B. D. −14°6080	7	31 32.42	− 0.11	+ 0.72	307 9 51.18	43.310	+ 7.48	−1 13.1	21 31 33.03	− 3.09	−13 52 56.8	−21.2
38	B. D. −11°5640	7	34 21.13	− 0.09	+ 0.72	310 1 52.02	44.915	+ 7.48	−1 6.0	21 34 21.76	− 3.07	−11 0 12.2	−21.2
39	B. D. −15°6046	7	37 52.73	− 0.11	+ 0.72	306 11 51.78	45.948	+ 7.48	−1 15.7	21 37 53.34	− 3.08	−14 49 58.5	−21.3
40	B. D. − 9°5829	7	39 55.67	− 0.08	+ 0.72	311 29 51.02	47.800	+ 7.48	−1 2.7	21 39 56.31	− 3.06	− 9 31 3.9	−21.2
41	δ Capricorni	7	41 47.17	− 0.12	+ 0.68	304 27 52.82	47.610	+ 7.48	−1 20.7	21 41 47.77	....	−16 33 24.5	....
42	B. D. −15°6075	7	44 0.68	− 0.11	+ 0.72	305 27 52.22	46.858	+ 7.48	−1 17.8	21 44 1.29	− 3.08	−15 33 39.3	−21.4
43	B. D. −16°5961	7	47 21.18	− 0.12	+ 0.72	304 19 51.90	45.608	+ 7.48	−1 21.1	21 47 21.78	− 3.07	−16 42 11.5	−21.5
44	B. D. −12°6126	7	49 54.35	− 0.10	+ 0.72	308 35 51.48	48.010	+ 7.48	−1 9.4	21 49 54.97	− 3.05	−12 25 5.4	−21.4
45	B. D. − 6°5878	7	53 13.85	− 0.07	+ 0.72	315 7 52.20	49.068	+ 7.48	− 55.2	21 53 14.50	− 3.03	− 5 52 26.3	−21.1
46	B. D. −17°6422 (*pr.*)	4	57 13.68	− 0.12	+ 0.72	303 35 51.65	48.060	+ 7.48	−1 23.4	21 57 14.28	− 3.05	−17 25 18.0	−21.7
47	B. D. −17°6422 (*fol.*)	4	57 14.07	− 0.12	+ 0.72	303 35 52.08	48.168	+ 7.48	−1 23.4	21 57 14.67	....	−17 25 15.2	....
48	B. D. − 6°5908	7	1 5.55	− 0.07	+ 0.71	315 11 52.08	47.500	+ 7.48	− 55.1	22 1 6.19	− 3.02	− 5 49 2.2	−21.1
49	B. D. −12°6195	7	3 28.48	− 0.10	+ 0.71	308 57 51.75	43.975	+ 7.48	−1 8.7	22 3 29.09	− 2.99	−12 4 36.6	−21.5
50	θ Aquarii	7	11 48.48	− 0.08	+ 0.74	312 45 51.70	46.985	+ 7.48	−1 0.1	22 11 49.11	....	− 8 15 19.3	....
51	γ Aquarii	7	16 44.30	− 0.05	+ 0.68	319 9 52.58	44.848	+ 7.48	− 48.1	22 16 44.96	....	− 1 51 55.2	....
52	B. D. − 9°5978	7	21 46.29	− 0.08	+ 0.71	312 1 51.02	46.340	+ 7.48	−1 1.7	22 21 46.92	− 2.97	− 8 59 36.3	−21.3
53	B. D. − 3°5491	7	38 2.57	− 0.06	+ 0.71	317 49 51.45	48.045	+ 7.48	− 50.4	22 38 3.22	− 2.95	− 3 10 45.6	−20.6
54	B. D. −10°6098	7	16 53.99	− 0.09	+ 0.71	310 43 51.68	48.305	+ 7.48	−1 4.7	23 16 54.61	− 2.80	−10 16 53.7	−21.0
55	B. D. + 1°4731	7	26 13.83	− 0.04	+ 0.71	322 51 53.85	45.502	+ 7.48	− 42.3	23 26 14.50	− 2.85	+ 1 50 26.7	−18.6
	August 11, Br.												
56	ω Piscium	6	54 25.12	0.00	+ 0.58	327 21 52.85	44.625	+ 7.97	− 35.8	23 54 25.69	....	+ 6 20 12.7	....
57	33 Piscium	7	0 27.51	− 0.05	+ 0.53	314 47 52.40	44.115	+ 7.97	− 56.3	0 0 28.03	....	− 6 14 19.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 18 50	29.975	74.8	74.6
19 46	[illegible]	74.1	73.1
20 20	......	....	72.7
20 42	30.015	73.4	72.9
21 8	......	....	71.8
21 28	30.015	72.6	72.1
21 55	......	....	71.1
22 24	30.015	71.5	70.1
23 12	......	....	68.8
23 27	30.010	70.0	68.7
23 56	......	....	67.9

Micrometer bisections are made at II, VI, except as noted below.

2, 27, 47, 55.	Bisections at VI, VII.
3.	Bisections at b_1, b_2, b_5, b_8, b_9.
7.	Bisection at II.
13, 15, 46.	Bisections at I, II.
28, 37.	Bisections at II, VII.

Notes.

3.	Microscopes read at beginning and end of observation.
3.	Micrometer reading increased 1 rev.
7.	Image poor; very unsteady.
9.	Difficult.
10-18.	Conditions poor.
56.	Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	22 Andromedæ.	7	5 22.71	+ 0.13	+ 0.57	6 31 54.62	48.512	+ 7.97	+ 6.5	0 5 23.41	. . . . .	+45 32 25.4	. . . .
2	σ Andromedæ.	7	13 21.29	+ 0.10	+ 0.57	357 15 55.55	46.032	+ 7.97	− 2.6	0 13 21.96	. . . . .	+36 15 20.6	. . . .
3	44 Piscium.	7	20 31.00	− 0.02	+ **0.55**	322 25 53.50	46.440	+ 7.97	− 43.0	0 20 31.55	. . . . .	+ 1 24 47.6	. . . .
4	12 Ceti.	7	25 10.41	− 0.04	+ **0.58**	316 31 51.40	47.642	+ 7.97	− 53.0	0 25 10.94	. . . . .	− 4 28 57.0	. . . .
5	ε Andromedæ.	7	33 31.22	+ 0.07	+ **0.62**	349 47 55.08	47.028	+ 7.97	− 10.0	0 33 31.86	. . . . .	+28 47 35.6	. . . .
6	21 Cassiopeiæ.	7	39 24.41	+ 0.32	+ 0.57	35 27 57.00	45.272	+ 7.97	+ 40.1	0 39 25.30	. . . . .	+74 27 47.5	. . . .
7	32^2 H. Camelopardalis s. p.	7	48 12.49	− 0.44	+ 0.57	57 1 56.88	48.583	+ 7.97	+1 26.8	12 48 12.62	. . . . .	+83 56 10.0	. . . .
8	ε Piscium.	7	57 59.57	0.00	+ **0.60**	328 23 51.88	45.720	+ 7.97	− 34.5	0 58 0.14	. . . . .	+ 7 22 38.0	. . . .
9	η Ceti.	7	3 47.45	− 0.07	+ 0.57	310 19 50.85	47.655	+ 7.97	−1 6.9	1 3 47.95	. . . . .	−10 41 10.2	. . . .
10	ζ^1 Piscium.	7	8 44.84	0.00	+ **0.58**	328 5 52.60	44.792	+ 7.97	− 34.9	1 8 45.41	. . . . .	+ 7 4 17.1	. . . .
11	υ Piscium.	7	14 13.45	+ 0.06	+ **0.63**	347 45 54.20	47.410	+ 7.97	− 12.1	1 14 14.08	. . . . .	+26 45 41.3	. . . .
12	δ Cassiopeiæ.	7	19 35.43	+ 0.20	+ 0.57	20 43 55.08	47.108	+ 7.97	+ 21.4	1 19 36.20	. . . . .	+59 44 8.8	. . . .
13	η Piscium.	7	26 22.66	+ 0.03	+ **0.57**	335 51 53.10	46.818	+ 7.97	− 25.1	1 26 23.26	. . . . .	+14 51 13.7	. . . .
14	υ Andromedæ.	7	31 12.09	+ 0.11	+ 0.57	1 55 54.68	46.435	+ 7.97	+ 2.0	1 31 12.77	. . . . .	+40 55 33.6	. . . .
15	φ Persei.	7	37 41.20	+ 0.14	+ 0.57	11 11 56.20	47.925	+ 7.97	+ 11.2	1 37 41.91	. . . . .	+50 12 18.4	. . . .
16	ζ Ceti.	7	46 44.87	− 0.07	+ **0.59**	310 13 52.20	44.648	+ 7.97	−1 6.4	1 46 45.37	. . . . .	−10 48 18.0	. . . .
	August 12, Br.												
17	Sun I, S.	7	26 39.25	− 0.01	+ 0.52	335 43 53.78	44.628	+ 7.21	− 24.9	9 26 39.76	+65.68	+14 42 23.6	. . . .
18	Sun II, N.	7	28 50.62	− 0.01	+ 0.52	336 15 54.32	43.652	+ 7.21	− 24.3	9 28 51.13	−65.69	+15 14 2.8	. . . .
19	α Herculis.	7	10 17.95	0.00	+ **0.48**	335 29 54.35	49.555	+ 6.56	− 25.4	17 10 18.42	. . . . .	+14 30 15.8	. . . .
20	ρ Herculis (*fol.*).	7	20 23.67	+ 0.08	+ 0.47	358 15 56.25	43.615	+ 6.56	− 1.6	17 20 24.22	− 1.99	+37 14 25.7	−21.8
21	51 Ophiuchi.	7	25 36.08	− 0.19	+ 0.46	297 9 52.12	44.162	+ 6.56	−1 48.5	17 25 36.35	− 2.94	−23 53 12.6	− 6.3
22	α Ophiuchi.	7	30 30.57	− 0.01	+ **0.49**	333 37 54.00	49.220	+ 6.56	− 27.7	17 30 31.02	. . . . .	+12 38 5.5	. . . .
23	*o* Serpentis.	7	36 3.51	− 0.12	+ 0.46	308 11 52.40	47.615	+ 6.56	−1 11.0	17 36 3.85	− 2.75	−12 49 16.0	−10.3
24	Uranus C, C.	7	43 16.37	− 0.19	+ 0.46	297 27 52.70	41.908	+ 6.56	−1 47.3	17 43 16.64	. . . . .	−23 36 2.4	. . . .
25	89 Herculis.	6	51 34.59	+ 0.04	+ **0.55**	347 3 55.02	49.002	+ 6.56	− 12.8	17 51 35.09	. . . . .	+26 4 16.3	. . . .
26	τ Ophiuchi (*mean*).	7	57 53.62	− 0.10	+ 0.46	312 51 53.25	43.632	+ 6.56	−1 0.3	17 57 53.98	− 2.76	− 8 10 35.5	−13.0
27	*o* Herculis.	7	3 49.66	+ 0.05	+ **0.54**	349 45 55.82	46.380	+ 6.56	− 10.1	18 3 50.17	. . . . .	+28 45 20.0	. . . .
28	36 Draconis.	7	13 22.41	+ 0.25	+ 0.46	25 21 56.42	47.330	+ 6.56	+ 26.7	18 13 23.12	− 2.39	+64 22 19.1	−24.6
29	109 Herculis.	7	19 38.46	+ 0.03	+ **0.48**	342 43 54.50	48.268	+ 6.56	− 17.4	18 19 38.95	. . . . .	+21 43 54.5	. . . .
30	3 H. Scuti.	7	30 1.50	− 0.10	+ **0.47**	312 43 54.05	44.058	+ 6.56	−1 0.7	18 30 1.86	. . . . .	− 8 18 25.4	. . . .
	August 12, Ei.-Y.												
31	C. P. D. −28°6867.	7	12 34.34	− 0.22	+ 0.59	293 3 52.10	46.428	+ 6.56	−2 10.9	19 12 34.71	− 3.34	−27 58 43.3	−13.2
32	C. P. D. −25°6802.	7	20 54.74	− 0.20	+ 0.59	295 15 53.22	47.212	+ 6.56	−1 58.2	19 20 55.13	− 3.30	−25 46 11.5	−14.2
33	B. D. −22°5156.	7	29 5.01	− 0.17	+ 0.59	298 49 52.70	46.295	+ 6.56	−1 41.6	19 29 5.43	− 3.24	−22 12 16.4	−15.4
34	C. P. D. −24°6809.	7	41 24.20	− 0.18	+ 0.59	297 3 53.25	47.618	+ 6.56	−1 49.4	19 41 24.61	− 3.28	−23 57 53.4	−15.8
35	α Aquilæ.	7	46 8.44	− 0.01	+ **0.54**	329 37 54.80	47.192	+ 6.56	− 32.9	19 46 9.02	. . . . .	+ 8 37 14.8	. . . .
36	β Aquilæ.	7	50 38.35	− 0.02	+ **0.52**	327 11 53.60	45.038	+ 6.56	− 36.2	19 50 38.92	. . . . .	+ 6 10 21.1	. . . .
37	τ Aquilæ.	7	59 29.39	− 0.01	+ **0.65**	328 1 54.02	46.068	+ 6.56	− 35.1	19 59 29.97	. . . . .	+ 7 0 46.1	. . . .
38	B. D. −15°5597.	7	10 1.75	− 0.11	+ 0.59	305 57 53.10	45.420	+ 6.56	−1 17.3	20 10 2.23	− 3.16	−15 4 11.8	−18.5
39	B. D. −21°5669.	7	11 13.97	− 0.15	+ 0.59	299 49 52.20	43.252	+ 6.56	−1 37.8	20 11 14.41	− 3.24	−21 13 22.7	−17.9
40	B. D. −19°5776.	7	13 54.15	− 0.14	+ 0.59	301 37 53.45	44.442	+ 6.56	−1 31.0	20 13 54.60	− 3.22	−19 24 47.5	−18.2
41	β Capricorni.	7	15 39.86	− 0.11	+ **0.59**	305 57 54.18	43.880	+ 6.56	−1 17.3	20 15 40.34	. . . . .	−15 4 45.9	. . . .
42	B. D. −13°5661.	7	18 48.95	− 0.10	+ 0.59	307 19 53.10	45.718	+ 6.56	−1 13.6	20 18 49.44	− 3.15	−13 42 1.2	−19.0
43	B. D. −14°5753.	7	22 44.55	− 0.10	+ 0.59	306 43 52.75	44.505	+ 6.56	−1 15.2	20 22 45.04	− 3.15	−14 18 30.8	−19.1
44	B. D. −13°5680.	7	24 14.33	− 0.10	+ 0.58	308 7 53.55	44.850	+ 6.56	−1 11.6	20 24 14.81	− 3.14	−12 54 18.6	−19.3
45	B. D. −14°5781.	7	28 53.82	− 0.10	+ 0.58	306 59 52.88	43.878	+ 6.56	−1 14.6	20 28 54.30	− 3.15	−14 2 44.5	−19.4
46	C. P. D. −25°7135.	7	32 12.24	− 0.18	+ 0.58	295 35 52.40	46.932	+ 6.56	−1 56.8	20 32 12.64	− 3.30	−25 26 17.3	−18.5
47	B. D. −20°5995.	7	34 4.95	− 0.14	+ 0.58	301 1 52.60	46.058	+ 6.56	−1 33.2	20 34 5.39	− 3.22	−20 0 13.5	−19.1
48	B. D. −12°5808.	7	38 21.84	− 0.09	+ 0.58	309 1 52.70	48.630	+ 6.56	−1 9.3	20 38 22.33	− 3.13	−11 58 50.8	−20.0
49	C. P. D. −24°7074.	7	40 41.51	− 0.17	+ 0.58	296 57 53.45	47.128	+ 6.56	−1 50.1	20 40 41.92	− 3.27	−24 4 5.2	−19.0
50	B. D. −21°5840.	7	43 45.00	− 0.14	+ 0.58	300 3 52.38	45.500	+ 6.56	−1 36.9	20 43 45.44	− 3.22	−20 58 30.2	−19.4
51	B. D. −14°5866.	7	46 2.64	− 0.10	+ 0.58	306 45 52.98	44.395	+ 6.56	−1 15.2	20 46 3.12	− 3.15	−14 16 33.2	−20.0
52	B. D. −12°5854.	7	47 53.21	− 0.09	+ 0.58	309 5 53.18	45.952	+ 6.56	−1 9.2	20 47 53.70	− 3.13	−11 55 51.4	−20.2
53	7 Aquarii.	7	51 45.38	− 0.08	+ 0.58	310 57 52.92	46.432	+ 6.56	−1 4.8	20 51 45.88	− 3.11	−10 3 36.3	−20.4
54	B. D. −13°5813.	7	54 41.03	− 0.09	+ 0.58	307 35 53.48	47.950	+ 6.56	−1 13.0	20 54 41.52	− 3.14	−13 25 9.3	−20.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 0 19	30.02	68.9	. . . .
0 50	. . . . .	. . . .	66.2
1 39	. . . . .	. . . .	65.4
1 47	30.02	67.0	65.2
12 9 29	30.08	76.5	74.0
17 10	30.04	71.1	69.0
17 36	. . . . .	. . . .	68.2
17 43	30.04	69.5	. . . .
18 30	30.04	68.6	67.0
19 10	30.04	67.8	66.5
19 32	. . . . .	. . . .	66.3
19 57	30.04	67.8	65.7
20 20	. . . . .	. . . .	65.8
20 42	30.04	66.5	65.1

Micrometer bisections are made at II, VI, except as noted below.

6. Bisections at b_2, b_8.
7. Bisections at III, IV, V.
12, 14, 15, 28. Bisections at III, V.
17, 43. Bisections at I, II.
18, 25. Bisections at VI, VII.
24. Bisections at I, II, VI, VII.
46, 47. Bisections at II, VII.

Notes.

21. Unsteady.
23. Micrometer reading increased 10 rev.
26. Micrometer reading decreased 1 rev.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
17	+ 3.5	+15 49.6	. . .	+15 53.1
18	+ 3.5	−15 49.6	. . .	−15 46.1
24	+ 0.4	. . . . . .	. . .	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Capricorni	7	58 59.30	− 0.14	+ 0.58	300 47 52.78	47.362	+ 6.56	−1 34.1	20 58 59.74	− 3.20	−20 13 44.5	−20.1
2	B. D. −22°5612	7	2 26.84	− 0.15	+ 0.58	298 19 51.95	44.735	+ 6.56	−1 44.0	21. 2 27.27	− 3.22	−22 42 55.2	−20.1
3	B. D. −16°5810	7	4 50.95	− 0.11	+ 0.58	304 55 53.48	48.298	+ 6.56	−1 20.4	21 4 51.42	− 3.15	−16 5 8.7	−20.5
4	B. D. −15°5908	7	6 25.90	− 0.10	+ 0.58	306 9 52.45	47.110	+ 6.56	−1 16.8	21 6 26.38	− 3.14	−14 51 33.3	−20.6
5	B. D. −16°5827	7	10 17.63	− 0.11	+ 0.58	304 31 53.55	48.700	+ 6.56	−1 21.5	21 10 18.10	− 3.15	−16 29 0.5	−20.6
6	B. D. −20°6178	7	13 2.43	− 0.14	+ 0.58	300 17 53.90	46.960	+ 6.56	−1 36.0	21 13 2.87	− 3.18	−20 43 54.5	−20.6
7	B. D. − 8°5634	7	16 52.25	− 0.06	+ 0.58	313 5 54.20	46.765	+ 6.56	−1 0.1	21 16 52.77	− 3.09	− 7 55 22.7	−20.9
8	B. D. −10°5668	7	20 6.20	− 0.07	+ 0.58	310 53 52.48	42.532	+ 6.56	−1 5.0	21 20 6.71	− 3.09	−10 9 6.1	−21.0
9	B. D. −19°6098	7	21 42.44	− 0.13	+ 0.58	301 33 51.88	46.520	+ 6.56	−1 31.3	21 21 42.89	− 3.16	−19 28 1.8	−20.9
10	B. D. − 9°5758	7	24 53.42	− 0.06	+ 0.58	311 59 52.28	48.050	+ 6.56	−1 2.4	21 24 53.94	− 3.08	− 9 0 57.6	−20.0
11	B. D. −12°6026	7	27 12.12	− 0.08	+ 0.58	308 21 53.38	42.785	+ 6.56	−1 11.0	21 27 12.62	− 3.10	−12 41 5.4	−21.1
12	B. D. −14°6080	7	31 32.56	− 0.09	+ 0.58	307 9 52.48	43.335	+ 6.56	−1 14.2	21 31 33.05	− 3.10	−13 52 56.9	−21.2
13	B. D. −11°5640	7	34 21.22	− 0.07	+ 0.58	310 1 52.85	44.982	+ 6.56	−1 6.9	21 34 21.73	− 3.08	−11 0 11.6	−21.2
14	B. D. −15°6046	7	37 52.88	− 0.09	+ 0.58	306 11 52.78	46.038	+ 6.56	−1 16.8	21 37 53.37	− 3.09	−14 49 57.5	−21.3
15	B. D. − 9°5829	7	39 55.79	− 0.06	+ 0.58	311 29 52.10	47.860	+ 6.56	−1 3.5	21 39 56.31	− 3.07	− 9 31 3.2	−21.2
16	δ Capricorni	7	41 47.30	− 0.10	**+ 0.54**	304 27 54.55	47.635	+ 6.56	−1 21.8	21 41 47.78	.....	−16 33 24.2	....
17	B. D. −15°6075	7	44 0.76	− 0.10	+ 0.58	305 27 53.45	46.905	+ 6.56	−1 18.8	21 44 1.24	− 3.08	−15 33 39.0	−21.4
18	B. D. −16°5961	7	47 21.30	− 0.10	+ 0.58	304 19 52.58	45.710	+ 6.56	−1 22.2	21 47 21.78	− 3.08	−16 42 10.5	−21.5
19	B. D. −12°6126	7	49 54.48	− 0.08	+ 0.58	308 35 53.08	48.065	+ 6.56	−1 10.4	21 49 54.98	− 3.06	−12 25 4.5	−21.4
20	B. D. − 6°5878	7	53 13.97	− 0.04	+ 0.58	315 7 53.72	49.120	+ 6.56	− 55.9	21 53 14.51	− 3.04	− 5 52 25.2	−21.2
21	B. D. −17°6422 (*pr.*)	4	57 13.87	− 0.10	+ 0.58	303 35 52.35	48.135	+ 6.56	−1 24.4	21 57 14.35	− 3.06	−17 25 17.5	−21.7
22	B. D. −17°6422 (*fol.*)	4	57 14.14	− 0.10	+ 0.58	303 35 52.35	48.268	+ 6.56	−1 24.4	21 57 14.62	.....	−17 25 14.5	....
23	B. D. − 6°5908	7	1 5.70	− 0.04	+ 0.58	315 11 53.30	47.528	+ 6.56	− 55.8	22 1 6.24	− 3.03	− 5 49 1.9	−21.2
24	B. D. −12°6195	7	3 28.57	− 0.07	+ 0.58	308 57 52.95	44.058	+ 6.56	−1 9.5	22 3 29.08	− 3.03	−12 4 35.2	−21.6
25	θ Aquarii	7	11 48.58	− 0.05	**+ 0.62**	312 45 53.58	47.000	+ 6.56	−1 0.8	22 11 49.11	.....	− 8 15 18.7	....
26	γ Aquarii	7	16 44.43	− 0.02	**+ 0.53**	319 9 54.52	44,885	+ 6.56	− 48.7	22 16 44.99	.....	− 1 51 54.0	....
	August 12, T.												
27	υ Pegasi	7	20 37.76	+ 0.10	**+ 0.52**	343 53 53.42	45.338	+ 5.74	− 16.2	23 20 38.30	.....	+22 52 46.8	....
28	b^3 Aquarii	7	28 17.71	− 0.12	+ 0.44	299 35 52.10	46.110	+ 5.74	−1 38.9	23 28 18.03	− 2.73	−21 26 19.4	−22.6
29	ι Piscium	7	35 3.22	+ 0.02	**+ 0.40**	326 7 53.20	45.975	+ 5.74	− 37.8	23 35 3.68	.....	+ 5 6 39.7	....
30	ψ Andromedæ	7	41 19.52	+ 0.21	+ 0.44	6 53 55.88	45.902	+ 5.74	+ 6.9	23 41 20.17	− 3.80	+45 53 25.2	− 8.1
31	φ Pegasi	7	47 38.81	+ 0.08	**+ 0.32**	339 35 54.32	47.335	+ 5.74	− 21.0	23 47 39.33	.....	+18 35 28.6	....
32	ω Piscium	7	54 25.28	+ 0.03	**+ 0.41**	327 21 53.68	44.662	+ 5.74	− 36.1	23 54 25.75	.....	+ 6 20 11.8	....
33	33 Piscium	7	0 27.62	− 0.03	**+ 0.42**	314 48	......	...	. ...	0 0 28.03	.....	− 6 14 ...	....
34	σ Andromedæ	6	13 21.29	+ 0.16	+ 0.44	357 15 56.80	46.070	+ 5.74	− 2.6	0 13 21.89	.....	+36 15 20.5	....
35	44 Piscium	7	20 31.12	+ 0.01	**+ 0.43**	322 25 53.60	46.532	+ 5.74	− 43.4	0 20 31.57	.....	+ 1 24 47.2	....
36	12 Ceti	7	25 10.61	− 0.02	**+ 0.40**	316 31 53.18	47.680	+ 5.74	− 53.5	0 25 11.03	.....	− 4 28 57.1	....
37	ε Andromedæ	7	33 31.32	+ 0.13	**+ 0.48**	349 47 56.22	47.095	+ 5.74	− 10.1	0 33 31.89	.....	+28 47 35.9	....
38	21 Cassiopeiæ	6	39 24.24	+ 0.58	+ 0.44	35 27 58.88	45.362	+ 5.74	+ 40.5	0 39 25.26	.....	+74 27 48.7	....
39	32^1 H. Camelopardalis s. p.	4	48 5.66	− 1.06	+ 0.44	57 1 57.22	47.765	+ 5.74	+1 27.5	12 48 5.04	+12.45	+83 56 27.8	− 6.9
40	η Ceti	7	3 47.61	− 0.06	+ 0.44	310 19 52.58	47.728	+ 5.74	−1 6.6	1 3 47.99	.....	−10 41 9.7	....
41	ζ^1 Piscium	7	8 44.91	+ 0.04	**+ 0.50**	328 5 53.42	44.888	+ 5.74	− 35.2	1 8 45.39	.....	+ 7 4 17.6	....
42	υ Piscium	7	14 13.64	+ 0.12	**+ 0.40**	347 5 54.42	47.515	+ 5.74	− 12.9	1 14 14.20	.....	+26 45 40.9	....
43	δ Cassiopeiæ	5	19 35.43	+ 0.34	+ 0.44	20 43 57.40	47.170	+ 5.74	+ 21.6	1 19 36.21	.....	+59 44 10.1	....
44	υ Andromedæ	7	31 12.21	+ 0.20	+ 0.43	1 55 56.20	46.538	+ 5.74	+ 2.0	1 31 12.84	.....	+40 55 35.2	....
45	φ Persei	7	37 41.25	+ 0.26	+ 0.43	11 11 56.40	48.082	+ 5.74	+ 11.3	1 37 41.94	.....	+50 12 19.9	....
	August 13, T.												
46	Sun I, S	7	30 25.83	+ 0.03	+ 0.44	335 25 55.35	44.210	+ 5.60	− 25.0	9 30 26.30	+65.53	+14 24 13.9	....
47	Sun II, N	7	32 36.89	+ 0.03	+ 0.44	335 57 54.92	43.202	+ 5.60	− 24.4	9 32 37.36	−65.53	+14 55 51.4	....
	August 14, Br.												
48	φ Pegasi	7	47 38.98	− 0.01	**+ 0.27**	339 36 0.20	47.065	+ 6.90	− 20.5	23 47 39.26	.....	+18 35 30.0	....
49	ω Piscium	7	54 25.56	− 0.05	**+ 0.25**	327 21 58.85	44.370	+ 6.86	− 35.4	23 54 25.80	.....	+ 6 20 12.1	....
50	2 Ceti	7	58 51.85	− 0.17	**+ 0.33**	303 9 57.00	46.458	+ 6.84	−1 24.4	23 58 51.97	.....	−17 51 50.9	....
51	α Andromedæ	7	3 28.33	+ 0.03	**+ 0.31**	349 34 1.40	47.448	+ 6.81	− 10.1	0 3 28.65	.....	+28 33 50.2	....
52	6 B. Ursæ Minoris s. p.	7	13 37.64	− 2.47	+ 0.29	52 46 1.60	44.417	+ 6.75	+1 13.0	12 13 35.46	.....	+88 13 55.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 21 8	....	....	65.2
21 28	30.045	66.2	65.2
21 55	....	....	65.0
22 18	30.035	65.6	64.6
23 20	30.02	65.5	64.0
23 47	....	....	63.2
0 18	30.01	64.0	63.1
0 56	....	....	62.0
1 30	30.01	63.5	61.6
1 45	30.01	62.8	61.2
13 9 33	29.98	78.8	78.2
14 23 48	29.705	70.0	68.3
0 13	....	....	67.9

Micrometer bisections are made at II, VI, except as noted below.

5, 9, 16.	Bisections at II, VII.
21, 39, 46.	Bisections at I, II.
22, 27, 38, 43, 47.	Bisections at VI, VII.
52.	Bisections at b_2, b_3, b_6, b_7, b_9.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
46	+ 3.6	+15 48.7	...	+15 52.3
47	+ 3.5	−15 48.7	...	−15 45.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	12 Ceti	7	25 10.87	− 0.09	+ **0.25**	316 31 58.00	47.408	+ 6.68	− 52.4	0 25 11.07	.....	− 4 28 56.4	....
2	ε Andromedæ	7	33 31.61	+ 0.04	+ **0.33**	349 48 1.68	46.830	+ 6.63	− 9.9	0 33 31.94	.....	+28 47 36.4	....
3	β Ceti	7	38 48.64	− 0.17	+ **0.26**	302 31 57.32	44.990	+ 6.60	−1 26.6	0 38 48.76	.....	−18 30 26.6	....
4	32² H. Camelopardalis s. p.	7	48 12.64	− 0.73	+ 0.28	57 2 3.22	48.460	+ 6.55	+1 25.7	12 48 12.19	.....	+83 56 9.1	....
5	ε Piscium	7	57 59.95	− 0.03	+ **0.32**	328 23 58.55	45.500	+ 6.49	− 34.1	0 58 0.20	.....	+ 7 22 38.6	....
6	η Ceti	7	3 47.90	− 0.12	+ 0.28	310 19 57.72	47.428	+ 6.46	−1 5.2	1 3 48.06	.....	−10 41 9.3	....
7	ζ¹ Piscium	7	8 45.22	− 0.03	+ **0.31**	328 5 59.50	44.595	+ 6.43	− 34.5	1 8 45.47	.....	+ 7 4 18.4	....
8	υ Piscium	5	14 13.92	+ 0.05	+ **0.25**	347 46 0.78	47.248	+ 6.40	− 12.0	1 14 14.25	.....	+26 45 42.6	....
9	α Ursæ Minoris	7	25 21.04	+ 4.72	+ 0.28	49 48 4.05	43.343	+ 6.33	+1 5.9	1 25 26.04	.....	+88 47 34.3	....
10	ζ Ceti	7	46 45.29	− 0.11	+ **0.29**	310 13 57.20	44.508	+ 6.21	−1 5.6	1 46 45.46	.....	−10 48 17.1	....
11	50 Cassiopeiæ	7	55 18.73	+ 0.40	+ 0.28	32 58 4.78	43.950	+ 6.16	+ 36.2	1 55 19.41	.....	+71 57 19.3	....
12	α Arietis	7	1 47.92	+ 0.05	+ **0.25**	344 2 1.70	44.488	+ 6.12	− 15.9	2 1 48.25	.....	+23 0 36.4	....
	August 15, Br.												
13	Sun I, N	7	37 57.13	0.00	+ 0.24	335 20 0.10	45.525	+ 6.48	− 25.0	9 37 57.37	+65.47	+14 18 49.5	....
14	Sun II, S	7	40 8.08	0.00	+ 0.24	334 48 0.60	46.450	+ 6.48	− 25.6	9 40 8.32	−65.48	+13 47 11.0	....
15	α Herculis	7	10 18.25	− 0.05	+ **0.18**	335 29 51.52	49.655	+ 7.05	− 25.0	17 10 18.40	.....	+14 30 16.1	....
16	e Herculis	7	14 23.30	+ 0.03	+ 0.20	358 23 51.18	47.668	+ 7.05	− 1.5	17 14 23.53	− 1.89	+37 23 53.8	−22.0
17	ρ Herculis (*fol.*)	7	20 24.01	+ 0.02	+ 0.20	358 15 51.30	43.820	+ 7.05	− 1.6	17 20 24.23	− 1.94	+37 14 25.9	−22.2
18	51 Ophiuchi	7	25 36.38	− 0.23	+ 0.20	297 9 49.15	44.175	+ 7.05	−1 46.6	17 25 36.35	− 2.90	−23 53 12.9	− 6.3
19	α Ophiuchi	6	30 30.86	− 0.06	+ **0.21**	333 37 49.55	49.358	+ 7.05	− 27.2	17 30 31.00	.....	+12 38 5.6	....
20	o Serpentis	7	36 3.78	− 0.17	+ 0.20	308 11 49.32	47.650	+ 7.05	−1 9.7	17 36 3.81	− 2.71	−12 49 16.5	−10.4
21	Uranus C, C	7	43 3.16	− 0.23	+ 0.20	297 27 49.12	42.192	+ 7.05	−1 45.4	17 43 3.13	.....	−23 35 57.1	....
22	89 Herculis	7	51 34.84	− 0.01	+ **0.31**	347 3 51.48	49.112	+ 7.05	− 12.6	17 51 35.03	.....	+26 4 16.1	....
23	τ Ophiuchi (*mean*)	7	57 53.88	− 0.14	+ 0.20	312 51 49.60	43.695	+ 7.05	− 59.2	17 57 53.94	− 2.73	− 8 10 36.1	−13.1
24	o Herculis	7	3 49.99	0.00	+ **0.22**	349 45 51.08	46.545	+ 7.05	− 9.9	18 3 50.19	.....	+28 45 19.7	....
25	36 Draconis	7	13 22.69	+ 0.17	+ 0.20	25 21 51.00	47.595	+ 7.05	+ 26.3	18 13 23.06	− 2.28	+64 22 19.8	−25.2
26	109 Herculis	7	19 38.76	− 0.03	+ **0.20**	342 43 50.25	48.418	+ 7.05	− 17.1	18 19 38.92	.....	+21 43 54.5	....
27	c Serpentis	7	24 43.91	− 0.12	+ 0.19	318 59 50.28	43.268	+ 7.05	− 48.0	18 24 43.98	− 2.74	− 2 2 34.0	−16.1
28	84 G. Sagittarii	7	32 43.57	− 0.23	+ 0.19	297 27 50.15	44.568	+ 7.05	−1 45.7	18 32 43.53	− 3.13	−23 35 2.1	−11.2
29	4 H. Scuti	7	37 3.93	− 0.15	+ **0.22**	311 53 48.48	44.295	+ 7.05	−1 1.4	18 37 3.97	.....	− 9 8 25.7	....
30	110 Herculis	7	41 34.26	− 0.03	+ **0.17**	341 27 50.78	47.722	+ 7.05	− 18.5	18 41 34.42	.....	+20 27 37.7	....
	August 15, Ei.-Y.												
31	α Aquilæ	7	46 8.74	− 0.08	+ **0.30**	329 37 49.42	47.395	+ 7.11	− 32.3	19 46 8.98	.....	+ 8 37 15.2	....
32	β Aquilæ	7	50 38.61	− 0.08	+ **0.31**	327 11 49.22	45.208	+ 7.11	− 35.6	19 50 38.85	.....	+ 6 10 21.7	....
33	τ Aquilæ	7	59 29.75	− 0.08	+ **0.35**	328 1 49.22	46.242	+ 7.11	− 34.5	19 59 29.99	.....	+ 7 0 46.4	....
34	B. D. −15°5576	7	5 55.71	− 0.18	+ 0.32	305 15 48.82	44.762	+ 7.11	−1 18.0	20 5 55.85	− 3.16	−15 46 31.2	−18.2
35	B. D. −18°5626	7	9 0.32	− 0.20	+ 0.32	302 39 47.22	44.430	+ 7.11	−1 26.0	20 9 0.44	− 3.20	−18 22 48.4	−18.0
36	B. D. −20°5870	7	10 44.30	− 0.21	+ 0.32	300 43 48.55	45.018	+ 7.11	−1 32.7	20 10 44.41	− 3.23	−20 18 40.3	−17.8
37	α² Capricorni	7	12 46.76	− 0.16	+ **0.30**	308 11 48.80	45.180	+ 7.11	−1 10.2	20 12 46.92	.....	−12 50 13.9	....
38	B. D. −15°5626	7	15 26.10	− 0.18	+ 0.32	305 57 49.55	43.522	+ 7.11	−1 16.1	20 15 26.24	− 3.16	−15 4 56.8	−18.8
39	B. D. −16°5581	7	17 9.78	− 0.18	+ 0.32	304 11 49.75	48.075	+ 7.11	−1 21.2	20 17 9.92	− 3.18	−16 49 17.8	−18.6
40	C. P. D. −26°6996	7	18 54.12	− 0.25	+ 0.32	294 53 48.68	47.130	+ 7.11	−1 58.4	20 18 54.19	− 3.32	−26 8 17.6	−17.5
41	B. D. −17°5975	7	21 6.86	− 0.19	+ 0.32	303 21 47.55	43.448	+ 7.11	−1 23.8	20 21 6.99	− 3.19	−17 41 8.3	−18.7
42	B. D. −22°5442	7	23 56.63	− 0.22	+ 0.32	298 19 47.38	46.475	+ 7.11	−1 42.2	20 23 56.73	− 3.26	−22 42 17.7	−18.2
43	C. P. D. −23°7796	7	28 31.72	− 0.23	+ 0.32	297 27 48.10	46.495	+ 7.11	−1 46.0	20 28 31.81	− 3.28	−23 34 20.3	−18.3
44	B. D. −12°5778	7	31 1.81	− 0.16	+ 0.32	308 19 48.02	44.515	+ 7.11	−1 9.9	20 31 1.97	− 3.14	−12 42 29.6	−19.4
45	B. D. −15°5743	7	33 57.39	− 0.17	+ 0.32	305 45 49.35	42.985	+ 7.11	−1 16.7	20 33 57.54	− 3.17	−15 17 10.0	−19.5
46	B. D. −13°5736	7	37 23.00	− 0.16	+ 0.32	307 35 49.62	46.578	+ 7.11	−1 11.8	20 37 23.16	− 3.15	−13 25 42.7	−19.8
47	ψ Capricorni	7	40 28.07	− 0.24	+ 0.32	295 25 47.72	46.095	+ 7.11	−1 55.8	20 40 28.15	.....	−25 36 39.6	....
48	B. D. −17°6089	7	42 52.32	− 0.18	+ 0.32	304 9 48.80	46.145	+ 7.11	−1 21.3	20 42 52.46	− 3.18	−16 52 2.8	−19.6
49	C. P. D. −26°7110	7	43 39.05	− 0.24	+ 0.32	294 53 48.25	48.365	+ 7.11	−1 58.5	20 43 39.13	− 3.30	−26 7 49.9	−18.8
50	B. D. −13°5779	7	47 16.29	− 0.16	+ 0.32	307 27 49.10	47.172	+ 7.11	−1 12.1	20 47 16.45	− 3.15	−13 33 30.0	−20.1
51	B. D. −19°5960	7	49 22.23	− 0.19	+ 0.32	301 53 48.78	43.592	+ 7.11	−1 28.7	20 49 22.36	− 3.20	−19 9 8.7	−19.7
52	B. D. −18°5831	7	55 30.76	− 0.18	+ 0.31	303 7 49.92	46.430	+ 7.11	−1 24.6	20 55 30.89	− 3.18	−17 53 58.6	−20.0
53	B. D. −10°5578	7	57 26.93	− 0.14	+ 0.31	310 39 47.70	45.300	+ 7.11	−1 4.4	20 57 27.10	− 3.12	−10 22 6.5	−20.6
54	B. D. −14°5936 (*pr.*)	7	1 53.56	− 0.16	+ 0.31	306 43 48.30	45.770	+ 7.11	−1 14.0	21 1 53.71	− 3.15	−14 18 4.7	−20.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 0 25	29.70	68.9	....
0 58	......	....	67.0
1 33	29.69	67.8	66.1
2 2	29.70	67.0	65.2
15 9 40	29.77	78.5	77.0
17 4	29.74	73.9	72.1
17 26	......	....	72.1
18 4	29.74	72.9	71.6
18 25	......	....	69.8
18 42	29.735	71.2	70.0
19 44	29.74	70.5	69.5
20 3	......	....	69.2
20 25	29.75	69.8	68.8
20 46	......	....	68.7

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at b_2, b_5, b_8.
8, 14, 19, 49, 53.	Bisections at VI, VII.
9.	Bisections at b_3, b_5, b_7.
11, 25.	Bisections at III, V.
13, 38, 48.	Bisections at I, II.
21.	Bisections at I, II, VI, VII.
35, 46, 54.	Bisections at II, VII.

Notes.

1–12. Unsteady at times.

4. Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
13	+ 3.6	−15 49.2	...	−15 45.6
14	+ 3.7	+15 49.2	...	+15 52.9
21	+ 0.4	.. ..	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −21°5940	7	4 6.94	− 0.20	+ 0.31	300 5 49.95	46.340	+ 7.11	−1 35.1	21 4 7.05	− 3.21	−20 56 11.1	−20.1
2	B. D. − 9°5674	7	5 39.39	− 0.14	+ 0.31	311 17 48.22	44.770	+ 7.11	−1 3.0	21 5 39.56	− 3.11	− 9 44 16.7	−20.8
3	B. D. −21°5974	7	10 13.28	− 0.20	+ 0.31	299 59 48.35	45.148	+ 7.11	−1 35.6	21 10 13.39	− 3.21	−21 2 40.5	−20.4
4	B. D. −18°5904	7	12 56.58	− 0.18	+ 0.31	303 9 48.52	47.572	+ 7.11	−1 24.4	21 12 56.71	− 3.17	−17 51 33.7	−20.6
5	B. D. −15°5958	7	16 14.81	− 0.17	+ 0.31	305 27 49.30	47.608	+ 7.11	−1 17.5	21 16 14.95	− 3.15	−15 33 25.2	−20.8
6	B. D. −13°5923	7	18 59.83	− 0.15	+ 0.31	307 43 49.45	48.325	+ 7.11	−1 11.4	21 18 59.99	− 3.13	−13 17 2.6	−20.9
7	B. D. −15°5983	7	21 12.86	− 0.16	+ 0.31	305 21 48.88	47.988	+ 7.11	−1 17.8	21 21 13.01	− 3.14	−15 39 17.2	−20.9
8	*b* Capricorni	7	23 18.19	− 0.21	+ 0.31	298 47 47.58	49.352	+ 7.11	−1 40.2	21 23 18.29	− 3.20	−22 13 9.8	−20.7
9	B. D. −10°5696	7	26 29.26	− 0.14	+ 0.31	310 51 48.32	46.868	+ 7.11	−1 3.9	21 26 29.43	− 3.11	−10 9 29.5	−21.2
10	B. D. −19°6131	6	31 4.63	− 0.18	+ 0.31	302 13 48.32	44.148	+ 7.11	−1 27.6	21 31 4.76	− 3.15	−18 48 55.3	−21.1
11	B. D. −22°5735	7	33 46.27	− 0.21	+ 0.31	298 53 48.42	45.930	+ 7.11	−1 40.0	21 33 46.37	− 3.18	−22 8 26.9	−21.1
12	B. D. −21°6076 (*pr.*)	7	37 39.75	− 0.20	+ 0.31	300 11 49.15	45.200	+ 7.11	−1 34.9	21 37 39.86	− 3.16	−20 50 37.8	−21.2
13	B. D. − 9°5827	7	39 51.03	− 0.13	+ 0.31	311 33 47.85	44.670	+ 7.11	−1 2.5	21 39 51.21	− 3.09	− 9 28 18.8	−21.3
14	δ Capricorni	7	41 47.67	− 0.17	+ **0.27**	304 27 49.58	47.785	+ 7.11	−1 20.5	21 41 47.81	.....	−16 33 23.9	....
15	B. D. −14°6128	7	43 22.79	− 0.16	+ 0.31	306 25 48.92	45.228	+ 7.11	−1 15.0	21 43 22.94	− 3.11	−14 36 17.5	−21.4
16	B. D. −19°6176	7	46 25.00	− 0.18	+ 0.31	301 57 47.85	46.995	+ 7.11	−1 28.6	21 46 25.13	− 3.12	−19 3 51.7	−21.5
17	B. D. −15°6092	7	49 49.48	− 0.16	+ 0.31	305 19 48.12	45.378	+ 7.11	−1 18.0	21 49 49.63	− 3.10	−15 42 17.8	−21.5
18	B. D. −12°6134	7	53 10.97	− 0.14	+ 0.31	308 27 49.18	47.842	+ 7.11	−1 9.7	21 53 11.14	− 3.08	−12 33 12.2	−21.5
19	B. D. −18°6056	7	56 57.82	− 0.18	+ 0.31	302 39 47.15	47.885	+ 7.11	−1 26.2	21 56 57.95	− 3.10	−18 21 29.7	−21.7
20	B. D. −15°6139	7	1 2.69	− 0.16	+ 0.31	305 39 47.95	47.638	+ 7.11	−1 17.1	22 1 2.84	− 3.08	−15 21 25.5	−21.7
21	B. D. −19°6227	7	3 46.16	− 0.18	+ 0.31	302 3 48.22	43.962	+ 7.11	−1 28.3	22 3 46.29	− 3.08	−18 59 0.4	−21.8
22	B. D. − 4°5625	7	5 36.46	− 0.10	+ 0.31	316 17 50.02	45.070	+ 7.11	− 53.0	22 5 36.67	− 3.05	− 4 43 58.0	−21.3
23	θ Aquarii	7	11 49.02	− 0.12	+ **0.28**	312 45 48.88	47.138	+ 7.11	− 59.9	22 11 49.21	.....	− 8 15 18.8	....
24	γ Aquarii	7	16 44.81	− 0.09	+ **0.25**	319 9 50.48	45.015	+ 7.11	− 47.9	22 16 45.03	.....	− 1 51 53.7	....
	September 6, M.												
25	43 H. Cephei	9	55 56.17	+ 3.55	− 2.12	313 7 51.78	44.983	+ 8.68	−1 0.7	0 55 57.60	.....	+85 44 32.2	....
26	υ Piscium	9	14 16.63	+ 0.24	− **2.13**	12 5 55.38	43.780	+ 8.68	+ 12.3	1 14 14.75	.....	+26 45 43.4	....
27	ψ Cassiopeiæ	9	19 16.38	+ 0.76	− 2.12	331 13 51.92	45.772	+ 8.68	− 31.3	1 19 15.02	− 6.58	+67 37 44.9	− 1.4
28	48 Ceti	9	25 4.68	− 0.09	− 2.12	60 55 55.32	47.648	+ 8.68	+1 42.8	1 25 2.47	− 2.64	−22 7 15.3	−20.2
29	40 Cassiopeiæ	8	30 58.86	+ 0.96	− 2.12	326 17 51.38	47.975	+ 8.68	− 38.0	1 30 57.70	.....	+72 33 1.4	....
30	13 B. Ursæ Minoris s. P.	8	34 51.50	− 0.59	− 2.12	290 37 49.58	44.980	+ 8.68	−2 30.2	13 34 48.79	+ 3.75	+71 43 55.6	− 6.2
31	ο Piscium	9	40 24.42	+ 0.12	− **2.14**	30 10	......	....	....	1 40 22.42	.....	+ 8 40	....
32	54 Ceti	9	45 51.25	+ 0.14	− 2.12	28 15 55.78	46.788	+ 8.68	+ 30.8	1 45 49.27	− 3.01	+10 34 15.8	−12.7
33	λ Arietis	9	52 39.79	+ 0.21	− 2.12	15 41 54.60	48.685	+ 8.68	+ 16.2	1 52 37.88	− 3.27	+23 7 48.2	− 8.9
34	α Piscium (*brighter*)	9	57 9.58	+ 0.08	− 2.12	36 31 53.72	46.482	+ 8.68	+ 42.5	1 57 7.54	− 2.82	+ 2 18 13.4	−14.0
35	α Draconis s. P.	9	1 47.87	− 0.38	− 2.13	283 45 48.30	43.938	+ 8.68	−3 48.3	14 1 45.36	.....	+64 50 12.4	....
36	6 Persei	9	7 18.92	+ 0.45	− 2.13	348 13 54.40	46.295	+ 8.68	− 11.8	2 7 17.24	− 4.36	+50 37 10.9	− 0.1
37	67 Ceti	9	12 16.37	+ 0.03	− **2.10**	45 41 56.75	45.262	+ 8.68	+ 58.7	2 12 14.27	.....	− 6 51 38.2	....
38	ρ Ceti	9	21 23.35	− 0.01	− 2.13	51 33 55.28	43.482	+ 8.68	+1 12.2	2 21 21.21	− 2.49	−12 43 9.5	−16.2
39	σ Ceti	9	27 36.82	− 0.04	− 2.13	54 29 54.45	44.635	+ 8.68	+1 20.3	2 27 34.65	.....	−15 39 43.1	....
40	142 H¹. Cephei	9	34 7.41	+ 1.76	− 2.13	317 49 50.88	45.143	+ 8.68	− 51.7	2 34 7.04	−12.66	+81 2 20.6	+ 9.8
41	39 Arietis	9	42 16.47	+ 0.26	− 2.13	9 59 54.65	46.012	+ 8.68	+ 10.2	2 42 14.60	− 3.23	+28 50 55.2	− 3.1
42	σ Arietis	9	46 16.27	+ 0.16	− **2.13**	24 9 54.10	44.380	+ 8.68	+ 25.8	2 46 14.30	.....	+14 41 17.5	....
43	η Eridani	9	51 48.77	+ 0.01	− **2.13**	48 5 56.95	47.638	+ 8.68	+1 3.9	2 51 46.65	.....	− 9 16 37.8	....
44	2 H. Ursæ Minoris s. P.	8	56 3.87	− 0.41	− 2.13	285 13 48.90	45.343	+ 8.68	−3 26.2	14 56 1.33	+ 1.88	+66 19 7.2	−15.3
45	57 B. Ursæ Minoris s. P.	9	7 31.06	− 5.82	− 2.13	306 29 48.55	43.120	+ 8.68	−1 17.1	15 7 23.11	.....	+87 36 24.6	....
	September 7, M.												
46	Sun I, N	9	2 17.43	+ 0.12	− 2.18	32 29 54.60	48.842	+ 7.57	+ 35.5	11 2 15.37	+64.13	+ 6 19 25.8	....
47	Sun II, S	9	4 25.68	+ 0.12	− 2.18	33 1 52.28	48.382	+ 7.57	+ 36.2	11 4 23.62	−64.12	+ 5 47 39.2	....
48	Venus I, C	9	7 13.99	+ 0.08	− 2.19	38 21 51.45	43.852	+ 8.86	+ 43.8	12 7 11.88	+ 0.31	+ 0 29 14.1	....
49	Venus II	9	7 14.58	+ 0.08	− 2.19	... .	......	....	. ....	12 7 12.47	− 0.28	.. ..	....
	September 7, Ei.-Y.												
50	θ Serpentis	9	51 31.50	+ 0.08	− **2.26**	34 45 51.75	44.698	+ 7.98	+ 39.0	18 51 29.34	.....	+ 4 5 0.1	....
51	ε Aquilæ	9	55 20.41	+ 0.15	− **2.23**	23 53 50.98	46.345	+ 7.98	+ 24.9	18 55 18.32	.....	+14 56 37.3	....
52	B. D. −15°5223	9	0 16.39	− 0.06	− 2.24	54 37 52.30	45.835	+ 7.98	+1 19.0	19 0 14.09	− 2.79	−15 48 6.4	−14.8
53	B. D. −21°5292	9	6 49.16	− 0.11	− 2.24	60 37 52.45	46.925	+ 7.98	+1 39.6	19 6 46.81	− 2.92	−21 48 52.0	−13.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 21 7	29.75	69.4	68.6
21 33	.....	....	67.9
21 54	29.74	68.5	67.5
22 18	29.74	68.4	67.7
6 0 59	30.02	60.3	59.0
1 28	.....	....	58.4
1 49	30.02	59.8	58.2
2 12	.....	....	57.7
2 40	.....	....	57.4
3 14	30.01	58.9	57.5
7 11 4	30.04	73.5	73.2
12 7	30.02	75.0	75.2
18 49	29.96	69.0	67.1

Micrometer bisections are made at II, VI, except as noted below.

6, 8, 34, 47.	Bisections at VI, VII.
25, 45.	Bisections at b_1, b_2, b_5, b_8, b_9.
27, 35, 40, 44.	Bisections at III, IV, V.
30.	Bisections at II, III, IV.
46.	Bisections at I, II.
48.	Bisections at I, II, VI, VII.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
46	+ 4.7	−15 53.3	...	−15 48.6
47	+ 4.7	+15 53.3	...	+15 58.0
48	+ 3.3	.. ....	0.0	+.. 3.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
		.	m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −20°5464	9	9 52.36	− 0.09	− 2.24	58 45 51.22	47.542	+ 7.98	+1 32.6	19 9 50.03	− 2.90	−19 56 57.9	−14.0
2	B. D. −21°5340	9	13 39.97	− 0.10	− 2.24	59 53 52.50	44.292	+ 7.98	+1 36.8	19 13 37.63	− 2.93	−21 3 49.1	−13.9
3	B. D. −16°5283	9	16 19.03	− 0.06	− 2.24	54 57 52.32	45.290	+ 7.98	+1 20.1	19 16 16.73	− 2.86	−16 7 55.0	−15.6
4	B. D. −22°5105	9	20 41.06	− 0.11	− 2.24	60 47 52.62	44.098	+ 7.98	+1 40.4	19 20 38.71	− 2.97	−21 57 48.3	−14.0
5	B. D. −18°5376	9	22 35.55	− 0.08	− 2.24	57 21 51.82	47.830	+ 7.98	+1 27.7	19 22 33.23	− 2.92	−18 33 0.2	−15.2
6	C. P. D. −28°6948	9	26 9.66	− 0.18	− 2.24	67 13 52.00	45.050	+ 7.98	+2 13.4	19 26 7.24	− 3.11	−28 24 42.5	−12.5
7	C. P. D. −26°6797	9	30 16.71	− 0.15	− 2.24	64 55 52.22	45.162	+ 7.98	+1 59.8	19 30 14.32	− 3.08	−26 6 31.7	−13.4
8	C. P. D. −27°6807	9	33 5.91	− 0.17	− 2.24	66 23 51.78	46.368	+ 7.98	+2 8.2	19 33 3.50	− 3.11	−27 35 7.2	−13.1
9	54 Sagittarii	9	35 18.78	− 0.06	− 2.24	55 19 51.88	46.995	+ 7.98	+1 21.3	19 35 16.48	....	−16 30 34.8	....
10	C. P. D. −23°7565	9	38 53.76	− 0.12	− 2.24	61 53 51.70	46.790	+ 7.98	+1 45.2	19 38 51.40	− 3.04	−23 4 53.7	−14.8
11	B. D. −21°5522	8	42 25.89	− 0.10	− 2.24	59 59 52.38	48.525	+ 7.98	+1 37.3	19 42 23.55	− 3.02	−21 11 26.2	−15.5
12	B. D. −20°5735	9	46 21.04	− 0.09	− 2.24	58 45 51.22	45.538	+ 7.98	+1 32.7	19 46 18.71	− 3.01	−19 56 12.2	−16.0
13	B. D. −19°5650	9	49 54.02	− 0.09	− 2.24	58 21 50.88	46.272	+ 7.98	+1 31.3	19 49 51.69	− 3.02	−19 32 27.2	−16.3
14	B. D. −18°5553	9	53 36.46	− 0.08	− 2.24	57 1 51.05	47.575	+ 7.98	+1 26.7	19 53 34.14	− 3.01	−18 12 52.6	−16.8
15	63 Sagittarii	9	56 41.29	− 0.04	− 2.24	52 43 52.02	45.632	+ 7.98	+1 14.0	19 56 39.01	− 2.96	−13 53 56.5	−18.1
16	C. P. D. −27°6933	9	59 26.29	− 0.16	− 2.24	65 53 52.40	45.865	+ 7.98	+2 5.5	19 59 23.89	− 3.17	−27 4 53.6	−14.8
17	B. D. −14°5648	9	3 17.61	− 0.05	− 2.24	53 21 50.95	45.010	+ 7.98	+1 15.7	20 3 15.32	− 2.99	−14 31 42.9	−18.2
18	B. D. −12°5664	9	6 44.03	− 0.04	− 2.24	51 29 51.45	46.992	+ 7.98	+1 10.8	20 6 41.75	− 2.97	−12 40 23.8	−18.8
19	B. D. −17°5913	9	9 50.78	− 0.07	− 2.24	55 57 52.05	46.120	+ 7.98	+1 23.4	20 9 48.47	− 3.04	−17 8 17.0	−17.9
20	B. D. −15°5606	8	11 26.75	− 0.06	− 2.24	54 17 52.20	46.422	+ 7.98	+1 18.4	20 11 24.45	− 3.02	−15 28 19.1	−18.4
21	C. P. D. −25°7042	9	14 6.18	− 0.15	− 2.24	64 19 52.70	47.280	+ 7.98	+1 57.0	20 14 3.79	− 3.17	−25 31 17.7	−16.0
22	B. D. −14°5732	9	18 9.50	− 0.05	− 2.25	53 23 51.38	44.655	+ 7.98	+1 15.8	20 18 7.20	− 3.03	−14 33 35.3	−18.9
23	B. D. −21°5719	9	21 21.79	− 0.10	− 2.25	59 55 51.88	47.738	+ 7.98	+1 37.2	20 21 19.44	− 3.12	−21 7 7.6	−17.4
24	B. D. −18°5691	9	23 37.23	− 0.08	− 2.25	56 59 51.82	48.362	+ 7.98	+1 26.7	20 23 34.90	− 3.08	−18 11 11.3	−18.2
25	B. D. −17°6007	9	25 58.81	− 0.07	− 2.25	56 15 50.78	49.125	+ 7.98	+1 24.4	20 25 56.49	− 3.08	−17 27 25.4	−18.5
26	B. D. −18°5714	9	30 2.05	− 0.08	− 2.25	56 55 51.40	47.292	+ 7.98	+1 26.5	20 29 59.72	− 3.10	−18 6 46.2	−18.5
27	C. P. D. −24°7037	9	32 29.79	− 0.14	− 2.25	63 21 50.85	48.230	+ 7.98	+1 52.2	20 32 27.40	− 3.19	−24 33 32.7	−17.2
28	B. D. −16°5663	9	35 14.38	− 0.06	− 2.25	55 17 52.15	44.620	+ 7.98	+1 21.3	20 35 12.07	− 3.09	−16 27 40.7	−18.1
29	B. D. −11°5408	9	39 28.23	− 0.02	− 2.25	49 39 52.12	46.150	+ 7.98	+1 6.4	20 39 25.96	− 3.04	−10 50 0.6	−20.4
30	C. P. D. −23°7859	9	42 51.24	− 0.12	− 2.25	61 53 52.40	47.298	+ 7.98	+1 45.4	20 42 48.87	− 3.18	−23 5 6.3	−18.0
31	B. D. −16°5709	9	45 19.11	− 0.06	− 2.25	54 41 51.42	45.042	+ 7.98	+1 19.6	20 45 16.80	− 3.10	−15 51 48.0	−19.6
32	C. P. D. −24°7105	9	47 29.07	− 0.13	− 2.25	62 57 52.48	45.028	+ 7.98	+1 50.2	20 47 26.69	− 3.20	−24 8 19.3	−17.9
33	C. P. D. −23°7879	9	49 34.93	− 0.12	− 2.25	62 1 51.82	46.285	+ 7.98	+1 46.0	20 49 32.56	− 3.19	−23 12 43.1	−18.2
34	B. D. −15°5848	9	53 28.41	− 0.05	− 2.25	53 39 51.88	48.175	+ 7.98	+1 16.7	20 53 26.11	− 3.10	−14 50 57.1	−20.1
35	B. D. −14°5908	9	55 56.33	− 0.04	− 2.25	52 43 52.00	45.908	+ 7.98	+1 14.2	20 55 54.04	− 3.10	−13 54 2.9	−20.4
36	B. D. −11°5524	9	0 44.76	− 0.02	− 2.25	49 49 52.10	44.475	+ 7.98	+1 6.8	21 0 42.49	− 3.09	−10 59 22.9	−21.0
37	ν Aquarii	9	4 27.39	− 0.03	− **2.31**	50 35 51.12	44.238	+ 7.98	+1 8.7	21 4 25.11	....	−11 45 18.4	....
38	Saturn I, C	7	14 3.26	− 0.07	− 2.25	56 7 52.15	45.886	+ 7.98	+1 24.0	21 14 0.94	+ 0.62	−17 16 37.1	....
39	Saturn II.	7	14 4.49	− 0.07	− 2.25	... .	......	....	. ....	21 14 2.17	− 0.61	.. ..	....
40	ι Capricorni	9	16 59.64	− 0.07	− **2.22**	56 3 51.58	46.202	+ 7.98	+1 23.8	21 16 57.32	....	−17 14 18.8	....
41	ι Aquarii	9	1 20.68	− 0.03	− **2.26**	53 9 51.75	45.252	+ 8.16	+1 15.5	22 1 18.39	....	−14 19 49.2	....
42	θ Aquarii	9	11 51.56	+ 0.02	− **2.29**	47 5 52.68	44.610	+ 8.16	+1 0.9	22 11 49.32	....	− 8 15 20.8	....
43	B. D. −14°6255	9	13 57.15	− 0.02	− 2.26	52 35 52.10	47.928	+ 8.16	+1 14.0	22 13 54.87	− 3.16	−13 46 49.2	−22.0
44	B. D. −11°5817	9	17 11.54	− 0.01	− 2.26	50 9 51.55	44.952	+ 8.16	+1 7.8	22 17 9.27	− 3.16	−11 19 34.4	−22.2
45	B. D. −18°6114	9	19 26.98	− 0.06	− 2.26	56 53 51.65	46.375	+ 8.16	+1 26.7	22 19 24.66	− 3.18	−18 4 25.9	−21.6
46	B. D. − 9°5978	9	21 49.38	+ 0.01	− 2.26	47 49 53.22	45.295	+ 8.16	+1 2.5	22 21 47.13	− 3.16	− 8 59 38.6	−22.4
47	B. D. − 5°5806	9	25 33.16	+ 0.03	− 2.26	44 7 53.22	47.245	+ 8.16	+ 54.9	22 25 30.93	− 3.16	− 5 18 15.6	−22.6
48	B. D. − 2°5781	9	29 11.44	+ 0.06	− 2.26	40 53 51.40	46.262	+ 8.16	+ 49.0	22 29 9.24	− 3.17	− 2 3 45.4	−22.7
49	B. D. −12°6327	9	36 26.07	− 0.02	− 2.26	51 33 51.90	44.672	+ 8.16	+1 11.3	22 36 23.79	− 3.16	−12 43 31.9	−22.2
50	B. D. −16°6142 (*mean*).	9	38 29.51	− 0.04	− 2.26	55 27 52.52	45.605	+ 8.16	+1 22.2	22 38 27.21	− 3.16	−16 38 4.7	−22.0
51	B. D. − 2°5826	9	42 38.58	+ 0.05	− 2.26	41 7 51.22	45.145	+ 8.16	+ 49.5	22 42 36.37	− 3.17	− 2 17 20.2	−22.6
52	τ Aquarii	9	44 36.04	− 0.03	− 2.26	52 55 52.05	44.785	+ 8.16	+1 14.9	22 44 33.75	− 3.15	−14 5 38.2	−22.1
53	B. D. −12°6371	8	48 30.92	− 0.01	− 2.26	50 57 51.78	44.090	+ 8.16	+1 9.8	22 48 28.65	− 3.15	−12 7 16.9	−22.2
54	B. D. −14°6370	9	51 11.27	− 0.03	− 2.26	52 53 52.12	44.948	+ 8.16	+1 14.8	22 51 8.98	− 3.15	−14 3 41.9	−22.2
55	B. D. − 3°5539	9	53 24.28	+ 0.05	− 2.26	41 43 51.28	47.322	+ 8.16	+ 50.6	22 53 22.07	− 3.17	− 2 54 11.1	−22.4
56	B. D. −15°6325	9	56 26.24	− 0.03	− 2.26	53 35 51.98	47.845	+ 8.16	+1 16.8	22 56 23.95	− 3.14	−14 46 50.0	−22.1
57	B. D. − 5°5917	9	59 2.70	+ 0.03	− 2.26	44 7 53.52	47.748	+ 8.16	+ 55.0	22 59 0.47	− 3.16	− 5 18 27.2	−22.3
58	B. D. −11°5997	9	0 58.01	0.00	− 2.26	49 47 52.92	43.452	+ 8.16	+1 7.0	23 0 55.75	− 3.14	−10 57 0.7	−22.2
59	A Piscium	9	3 51.27	+ 0.08	− 2.26	37 13 51.90	45.430	+ 8.16	+ 43.1	23 3 49.09	− 3.19	+ 1 36 39.0	−22.2
60	B. D. −11°6020	9	6 33.95	0.00	− 2.26	49 51 52.15	44.610	+ 8.16	+1 7.2	23 6 31.69	− 3.13	−11 1 26.6	−22.2
61	B. D. −11°6032	9	9 45.42	0.00	− 2.26	50 1 51.15	46.890	+ 8.16	+1 7.6	23 9 43.16	− 3.13	−11 12 18.4	−22.1
62	B. D. − 2°5914	9	11 7.72	+ 0.06	− 2.26	40 45 50.88	48.220	+ 8.16	+ 48.9	23 11 5.52	− 3.17	− 1 56 29.6	−22.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 19 15	......	....	66.2
19 40	29.96	67.1	65.9
20 1	......	....	65.2
20 27	29.95	66.1	64.8
20 51	......	....	64.2
21 18	29.955	65.1	63.8
22 3	29.95	64.6	62.9
22 24	......	....	62.7
22 46	29.94	63.9	62.3
23 13	......	....	61.9

Micrometer bisections are made at II, VI, except as noted below.

4, 10, 21, 27, 28, 35, 45, 50, 59.	Bisections at II, VII.
29.	Bisection at VI.
38.	Z. D. threads C used.
38.	Bisections at I, II, VI, VII.
57.	Bisections at VI, VII.
61.	Bisections at I, II.

Notes.

6–8. Images poor; unsteady.

49. Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
38	+ 0.8	.. ....	...	+ 0.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ψ³ Aquarii	9	14 3.52	0.00	− 2.26	48 57 54.12	45.580	+ 8.16	+1 5.1	23 14 1.26	− 3.13	−10 7 48.7	−22.1
2	B. D.+ 1°4714	9	16 22.44	+ 0.08	− 2.26	37 9 52.00	45.422	+ 8.16	+ 43.0	23 16 20.26	− 3.19	+ 1 40 39.1	−21.8
3	B. D.−10°6105	9	18 23.97	0.00	− 2.26	48 43 52.85	47.130	+ 8.16	+1 4.6	23 18 21.71	− 3.12	− 9 54 22.3	−22.0
4	B. D.−10°6114	8	21 42.83	0.00	− 2.26	49 23 52.12	44.545	+ 8.16	+1 6.1	23 21 40.57	− 3.12	−10 33 24.0	−22.0
5	B. D.− 8°6118	9	24 4.42	+ 0.02	− 2.26	46 45 51.72	45.102	+ 8.16	+1 0.2	23 24 2.18	− 3.12	− 7 55 30.4	−21.9
6	B. D.+ 1°4731	9	26 17.05	+ 0.08	− 2.26	36 59 52.15	45.992	+ 8.16	+ 42.7	23 26 14.87	− 3.19	+ 1 50 26.3	−21.5
7	B. D.+ 2°4680	9	28 5.70	+ 0.09	− 2.26	35 59 52.12	43.468	+ 8.16	+ 41.2	23 28 3.53	− 3.19	+ 2 51 25.5	−21.4
8	248 G. Aquarii	9	30 40.30	+ 0.02	− 2.26	46 49 51.88	44.845	+ 8.16	+1 0.4	23 30 38.06	− 3.12	− 7 59 24.9	−21.8
9	B. D.− 1°4469	9	34 54.81	+ 0.06	− 2.26	40 5 51.82	46.935	+ 8.16	+ 47.7	23 34 52.61	− 3.15	− 1 16 0.0	−21.4
10	B. D.− 7°6070	8	36 18.97	+ 0.02	− 2.26	45 49 52.70	47.078	+ 8.16	+ 58.4	23 36 16.73	− 3.11	− 7 0 14.8	−21.6
11	B. D.+ 6°5197	9	40 0.37	+ 0.11	− 2.27	32 9 51.50	47.855	+ 8.16	+ 35.7	23 39 58.21	− 3.22	+ 6 39 51.3	−20.7
12	B. D.− 7°6086	9	43 41.87	+ 0.02	− 2.27	45 43 52.18	47.750	+ 8.16	+ 58.2	23 43 39.62	− 3.10	− 6 54 29.4	−21.5
13	25 Piscium	9	48 15.11	+ 0.08	− 2.27	37 15 51.40	47.885	+ 8.16	+ 43.2	23 48 12.92	− 3.16	+ 1 33 43.3	−20.8
14	B. D.+ 6°5216	9	50 18.44	+ 0.11	− 2.27	32 17 51.88	46.048	+ 8.16	+ 35.8	23 50 16.28	− 3.22	+ 6 32 32.1	−20.3
15	B. D.− 1°4514	9	54 56.81	+ 0.06	− 2.27	39 39 52.68	43.050	+ 8.16	+ 47.0	23 54 54.60	− 3.13	− 0 48 31.3	−20.7
16	30 Piscium	9	57 7.56	+ 0.02	− 2.27	45 21 52.40	47.905	+ 8.16	+ 57.4	23 57 5.31	.....	− 6 32 32.4	....
17	B. D.− 1°4525	9	0 13.79	+ 0.06	− 2.27	39 51 52.40	46.538	+ 8.16	+ 47.3	0 0 11.58	− 3.12	− 1 1 51.1	−20.6
18	B. D.− 3°2	9	2 54.29	+ 0.05	− 2.27	41 53 51.80	48.565	+ 8.16	+ 50.9	0 2 52.07	− 3.10	− 3 4 40.4	−20.6
19	B. D.+ 1°12	9	5 50.89	+ 0.08	− 2.27	37 19 51.38	43.082	+ 8.16	+ 43.2	0 5 48.70	− 3.14	+ 1 31 33.0	−20.1
20	B. D.− 1°14	9	10 0.23	+ 0.06	− 2.27	39 39 53.02	46.615	+ 8.16	+ 47.0	0 9 58.02	− 3.11	− 0 49 53.1	−20.2
21	B. D.+ 0°28	9	12 57.15	+ 0.08	− 2.27	37 41 51.20	42.900	+ 8.16	+ 43.8	0 12 54.96	− 3.12	+ 1 9 36.8	−19.8
22	*d* Piscium	9	15 44.81	+ 0.12	− 2.27	31 9 51.65	48.288	+ 8.16	+ 34.3	0 15 42.66	− 3.20	+ 7 39 42.7	−18.9
23	44 Piscium	9	20 34.19	+ 0.08	− **2.26**	37 25 51.45	45.082	+ 8.16	+ 43.4	0 20 32.00	.....	+ 1 24 47.1	....
24	12 Ceti	9	25 13.63	+ 0.04	− **2.24**	43 19 51.95	43.958	+ 8.16	+ 53.5	0 25 11.40	.....	− 4 28 57.8	....
	September 7, T.												
25	α Ursæ Minoris	8	25 32.72	+13.58	− 2.40	310 3 47.10	47.830	+ 8.16	−1 7.1	1 25 43.90	.....	+88 47 37.6	....
26	ε Sculptoris	9	41 14.12	− 0.09	− 2.41	64 19 53.68	48.170	+ 8.16	+1 57.9	1 41 11.62	.....	−25 31 39.9	....
27	β Arietis	9	49 25.50	+ 0.24	− **2.42**	18 29 49.88	47.008	+ 8.16	+ 19.1	1 49 23.33	.....	+20 20 28.8	....
28	υ Ceti	9	55 33.93	− 0.06	− 2.41	60 21 51.65	45.420	+ 8.16	+1 39.7	1 55 31.46	.....	−21 32 17.1	....
29	α Arietis	9	1 50.98	+ 0.26	− **2.39**	15 49 51.35	46.742	+ 8.16	+ 16.2	2 1 48.83	.....	+23 0 36.4	....
30	ξ¹ Ceti	9	7 59.77	+ 0.16	− **2.39**	30 25 53.10	47.670	+ 8.16	+ 33.4	2 7 57.52	.....	+ 8 23 56.3	....
31	κ Fornacis	9	18 13.90	− 0.08	− 2.41	63 3 50.75	46.475	+ 8.16	+1 51.6	2 18 11.41	.....	−24 14 52.2	....
32	ξ² Ceti	9	23 8.29	+ 0.16	− **2.38**	30 47 52.20	47.650	+ 8.16	+ 33.9	2 23 6.04	.....	+ 8 1 57.1	....
33	128 H¹. Ceti	9	30 54.07	+ 0.15	− 2.41	32 23 51.55	47.708	+ 8.16	+ 36.1	2 30 51.81	.....	+ 6 25 54.2	....
34	μ Arietis	9	37 2.25	+ 0.24	− 2.41	19 13 51.98	47.522	+ 8.16	+ 19.9	2 37 0.08	− 3.03	+19 36 14.2	− 6.5
35	η Persei	8	43 47.76	+ 0.62	− 2.41	343 21 47.85	45.348	+ 8.16	− 16.9	2 43 45.97	− 4.57	+55 29 44.7	+ 4.7
36	β Ursæ Minoris s. P.	9	50 57.99	− 0.93	− 2.41	293 27 45.85	42.150	+ 8.16	−2 9.8	14 50 54.65	.....	+74 33 6.6	....
37	ρ Persei	9	59 6.89	+ 0.41	− 2.41	0 21 50.00	48.875	+ 8.16	+ 0.4	2 59 4.89	.....	+38 28 4.7	....
38	57 B. Ursæ Minoris s. P.	9	7 32.22	− 7.30	− 2.41	306 29 44.65	43.298	+ 8.16	−1 16.4	15 7 22.51	.....	+87 36 25.4	....
	September 8, T.												
39	Sun I, S.	9	5 54.01	+ 0.15	− 2.48	33 25 52.22	44.480	+ 7.62	+ 36.3	11 5 51.68	+64.10	+ 5 25 7.1	....
40	Sun II, N.	9	8 2.20	+ 0.15	− 2.48	32 53 51.95	45.192	+ 7.62	+ 35.6	11 7 59.87	−64.09	+ 5 56 53.0	....
41	Venus C. C.	9	11 44.29	+ 0.11	− 2.48	38 51 52.28	46.116	+ 8.32	+ 44.1	12 11 41.92	+ 0.01	− 0 1 38.3	....
	September 8, M.												
42	43 H. Cephei	8	55 56.96	+ 3.59	− 2.44	313 7 45.48	45.218	+ 8.02	− 59.6	0 55 58.11	.....	+85 44 32.7	....
43	44 H. Cephei	8	4 10.18	+ 1.48	− 2.44	319 41 47.80	46.562	+ 8.02	− 47.4	1 4 9.22	−11.74	+79 9 47.6	− 1.7
44	ζ¹ Piscium	9	8 48.32	+ 0.09	− **2.39**	31 45 50.82	46.785	+ 8.02	+ 34.8	1 8 45.97	.....	+ 7 4 17.5	....
45	υ Piscium	9	14 17.03	+ 0.22	− **2.47**	12 5 51.12	44.008	+ 8.02	+ 12.1	1 14 14.81	.....	+26 45 43.3	....
46	ψ Cassiopeiæ	9	19 16.83	+ 0.75	− 2.44	331 13 47.48	45.915	+ 8.02	− 30.7	1 19 15.14	− 6.64	+67 37 45.8	− 2.0
47	48 Ceti	9	25 5.12	− 0.11	− 2.44	60 55 52.10	47.905	+ 8.02	+1 40.8	1 25 2.57	− 2.68	−22 7 15.3	−20.2
48	40 Cassiopeiæ	9	30 59.32	+ 0.95	− 2.44	326 17 47.45	48.140	+ 8.02	− 37.3	1 30 57.83	.....	+72 33 1.9	....
49	13 B. Ursæ Minoris s. P.	9	34 51.71	− 0.63	− 2.44	290 37 45.02	45.080	+ 8.02	−2 27.2	13 34 48.64	+ 3.82	+71 43 55.6	− 5.6
50	ο Piscium	9	40 24.81	+ 0.10	− **2.47**	30 9 51.00	45.878	+ 8.02	+ 32.7	1 40 22.47	.....	+ 8 40 40.2	....
51	54 Ceti	9	45 51.64	+ 0.11	− 2.44	28 15 51.35	47.035	+ 8.02	+ 30.2	1 45 49.31	− 3.05	+10 34 15.8	−13.0
52	λ Arietis	9	52 40.20	+ 0.19	− 2.44	15 41 49.85	48.932	+ 8.02	+ 15.9	1 52 37.95	− 3.31	+23 7 48.3	− 9.3
53	α Piscium (*brighter*)	9	57 9.95	+ 0.06	− 2.44	36 31 50.82	46.678	+ 8.02	+ 41.6	1 57 7.57	− 2.87	+ 2 18 13.2	−14.2
54	α Draconis s. P.	9	1 48.12	− 0.41	− 2.44	283 45 44.92	43.945	+ 8.02	−3 43.9	14 1 45.27	.....	+64 50 12.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 23 38	29.93	63.1	61.8
0 2	.....	....	61.8
0 26	29.92	63.0	61.3
1 27	29.91	62.5	60.5
2 8	.....	....	60.0
2 27	29.90	61.5	59.5
3 20	29.90	61.5	60.0
8 11 8	29.92	76.5	77.3
12 12	29.91	78.5	79.5
0 45	29.83	66.8	65.3
1 24	.....	....	65.0
1 50	29.83	65.9	64.7

Micrometer bisections are made at II, VI, except as noted below.

25. Bisections at b_8, b_9.
26. Bisection at VI.
38. Bisections at b_2, b_3, b_4, b_5, b_6.
39. Bisections at I, II.
40. Bisections at VI, VII.
41. Bisections at I, II, VI, VII.
42. Bisections at b_1, b_2, b_5, b_8, b_9.
43, 48, 49, 54. Bisections at III, V.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
39	+ 4.8	+15 52.9	...	+15 57.7
40	+ 4.7	−15 52.9	...	−15 48.2
41	+ 3.4	.. ....	0.0	+ 3.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	6 Persei	9	7 19.41	+ 0.43	− 2.44	348 13 51.28	46.465	+ 8.02	− 11.6	2 7 17.40	− 4.42	+50 37 10.6	− 0.6
2	67 Ceti	9	12 16.79	0.00	− **2.44**	45 41 51.50	45.598	+ 8.02	+ 57.6	2 12 14.35	.....	− 6 51 38.8	....
3	ρ Ceti	9	21 23.77	− 0.04	− 2.45	51 33 51.02	43.775	+ 8.02	+1 10.8	2 21 21.28	− 2.54	−12 43 9.9	−16.3
4	σ Ceti	9	27 37.27	− 0.06	− 2.45	54 29 51.92	44.842	+ 8.02	+1 18.8	2 27 34.76	.....	−15 39 43.1	....
5	142 H^1. Cephei	9	34 7.86	+ 1.77	− 2.45	317 49 48.18	45.243	+ 8.02	− 50.8	2 34 7.18	−12.89	+81 2 20.8	+ 9.2
6	35 Arietis	9	37 54.38	+ 0.22	− 2.45	11 31 50.90	48.668	+ 8.02	+ 11.6	2 37 52.15	− 3.26	+27 17 57.5	− 4.3
7	39 Arietis	9	42 16.90	+ 0.24	− 2.45	9 59 51.00	46.195	+ 8.02	+ 10.0	2 42 14.69	− 3.28	+28 50 55.5	− 3.4
8	σ Arietis	9	46 16.69	+ 0.14	− **2.48**	24 9 50.75	44.580	+ 8.02	+ 25.3	2 46 14.38	.....	+14 41 17.4	....
9	η Eridani	9	51 49.12	− 0.01	− **2.41**	48 5 53.35	47.875	+ 8.02	+1 2.8	2 51 46.66	.....	− 9 16 37.9	....
10	2 H. Ursæ Minoris S. P.	9	56 4.14	− 0.45	− 2.45	285 13 45.18	45.432	+ 8.02	−3 22.6	14 56 1.24	+ 1.96	+66 19 8.5	−14.8
	September 9, M.												
11	Sun S.	.	.. ..	....	....	33 47 53.22	46.132	+ 8.68	+ 36.8	11 10	.....	+ 5 2 26.7	....
12	Sun N.	.	.. ..	....	....	33 15 53.52	46.690	+ 8.68	+ 36.0	.. ..	.....	+ 5 34 15.7	....
	September 10, Ei.-Y.												
13	λ Aquilæ	9	1 14.54	0.00	− **2.65**	43 51 54.18	44.822	+ 9.14	+ 54.1	19 1 11.88	.....	− 5 1 21.4	....
14	B. D. −19°5312	9	2 43.89	− 0.10	− 2.66	58 15 53.85	45.602	+ 9.15	+1 30.8	19 2 41.13	− 2.81	−19 26 15.6	−13.6
15	d Sagittarii	9	12 6.76	− 0.10	− **2.69**	57 55 53.88	48.210	+ 9.18	+1 29.7	19 12 4.00	.....	−19 7 14.1	....
16	C. P. D. −24°6689	9	14 57.08	− 0.15	− 2.66	63 11 52.98	46.415	+ 9.19	+1 51.1	19 14 54.27	− 2.95	−24 22 53.6	−12.8
17	B. D. −20°5516	9	17 5.17	− 0.12	− 2.66	59 37 53.92	47.738	+ 9.20	+1 35.9	19 17 2.39	− 2.89	−20 49 9.6	−14.0
18	C. P. D. −25°6802	9	20 57.62	− 0.16	− 2.66	64 35 54.40	44.352	+ 9.22	+1 58.1	19 20 54.80	− 2.99	−25 46 14.8	−12.7
19	B. D. −22°5127	9	24 41.54	− 0.14	− 2.66	61 29 54.28	48.300	+ 9.23	+1 43.5	19 24 38.74	− 2.95	−22 41 30.4	−13.8
20	C. P. D. −24°6757	9	28 52.06	− 0.15	− 2.66	62 53 53.48	43.590	+ 9.25	+1 49.7	19 28 49.25	− 2.99	−24 3 48.2	−13.7
21	B. D. −19°5521	9	30 56.06	− 0.10	− 2.66	57 53 53.95	44.115	+ 9.26	+1 29.6	19 30 53.30	− 2.91	−19 3 40.6	−15.3
22	C. P. D. −23°7543	9	34 9.15	− 0.14	− 2.66	62 27 53.88	45.680	+ 9.27	+1 47.8	19 34 6.35	− 3.00	−23 38 34.1	−14.1
23	C. P. D. −25°6870	9	36 38.99	− 0.16	− 2.66	63 53 53.88	45.992	+ 9.28	+1 54.6	19 36 36.17	− 3.03	−25 4 48.3	−13.8
24	f Sagittarii	9	40 51.56	− 0:11	− 2.66	58 47 52.70	48.300	+ 9.30	+1 32.9	19 40 48.79	− 2.96	−19 59 18.3	−15.5
25	C. P. D. −23°7590	9	44 38.60	− 0.14	− 2.66	61 49 54.12	47.070	+ 9.31	+1 45.1	19 44 35.80	− 3.02	−23 1 3.8	−14.8
26	B. D. −17°5776	9	47 2.28	− 0.08	− 2.66	55 57 53.72	44.380	+ 9.32	+1 23.3	19 46 59.54	− 2.93	−17 7 40.4	−16.6
27	C. P. D. −26°6880	9	50 3.58	− 0.17	− 2.66	65 21 54.10	46.290	+ 9.33	+2 2.5	19 50 0.75	− 3.10	−26 33 3.4	−14.1
28	B. D. −21°5588	9	54 50.61	− 0.12	− 2.66	59 55 53.28	47.060	+ 9.35	+1 37.3	19 54 47.83	− 3.02	−21 6 55.0	−15.9
29	C. P. D. −26°6910	9	57 17.04	− 0.17	− 2.66	65 7 54.85	44.410	+ 9.36	+2 1.2	19 57 14.21	− 3.11	−26 18 20.1	−14.6
30	B. D. −20°5814	9	0 58.47	− 0.11	− 2.66	59 13 53.32	46.778	+ 9.37	+1 34.6	20 0 55.70	− 3.02	−20 24 45.9	−16.4
31	C. P. D. −25°7008	9	4 25.57	− 0.16	− 2.66	64 21 53.82	48.238	+ 9.39	+1 57.2	20 4 22.75	− 3.12	−25 33 42.4	−15.2
32	C. P. D. −26°6950	9	7 13.29	− 0.17	− 2.66	65 17 54.22	44.728	+ 9.40	+2 2.2	20 7 10.46	− 3.14	−26 28 27.6	−15.1
33	B. D. −15°5597	9	10 4.82	− 0.07	− 2.66	53 53 52.98	46.190	+ 9.41	+1 17.3	20 10 2.09	− 2.98	−15 4 14.9	−18.2
34	α^1 Capricorni	9	12 25.39	− 0.05	− 2.66	51 37 52.98	45.872	+ 9.42	+1 11.2	20 12 22.68	.....	−12 48 1.5	....
35	B. D. −13°5642	9	15 26.06	− 0.05	− 2.66	51 53 53.90	44.170	+ 9.43	+1 11.9	20 15 23.35	− 2.97	−13 3 24.3	−19.0
36	B. D. −13°5661	9	18 51.96	− 0.06	− 2.66	52 31 53.90	45.862	+ 9.45	+1 13.6	20 18 49.24	− 2.99	−13 42 4.7	−18.9
37	C. P. D. −26°7009	9	22 22.08	− 0.17	− 2.67	64 43 53.35	46.770	+ 9.46	+1 59.2	20 22 19.24	− 3.16	−25 55 10.7	−16.0
38	B. D. −21°5729	9	23 31.36	− 0.12	− 2.67	60 1 54.28	47.010	+ 9.47	+1 37.7	20 23 28.57	− 3.09	−21 12 55.3	−17.3
39	C. P. D. −25°7104	9	27 15.48	− 0.16	− 2.67	64 5 54.12	43.385	+ 9.48	+1 55.8	20 27 12.65	− 3.16	−25 15 50.5	−16.4
40	B. D. −21°5768	9	30 59.15	− 0.12	− 2.67	59 43 53.85	46.710	+ 9.49	+1 36.6	20 30 56.36	− 3.10	−20 54 47.0	−17.7
41	B. D. −21°5782	9	32 57.28	− 0.12	− 2.67	60 7 54.28	48.395	+ 9.50	+1 38.2	20 32 54.49	− 3.11	−21 19 27.5	−17.7
42	B. D. −21°5802	9	36 38.16	− 0.12	− 2.67	60 25 54.18	46.485	+ 9.52	+1 39.4	20 36 35.37	− 3.12	−21 36 45.0	−17.7
43	ψ Capricorni	9	40 30.82	− 0.16	− 2.67	64 25 53.48	45.620	+ 9.53	+1 57.7	20 40 27.99	.....	−25 36 42.9	....
44	C. P. D. −26°7110	9	43 41.75	− 0.17	− 2.67	64 57 53.80	43.340	+ 9.54	+2 0.5	20 43 38.91	− 3.20	−26 7 53.9	−17.0
45	B. D. −14°5866	9	46 5.74	− 0.06	− 2.67	53 5 53.75	47.175	+ 9.55	+1 15.2	20 46 3.01	− 3.06	−14 16 36.2	−19.8
46	B. D. −12°5854	9	47 56.32	− 0.04	− 2.67	50 45 53.35	45.570	+ 9.56	+1 9.2	20 47 53.61	− 3.04	−11 55 53.2	−20.4
47	B. D. −15°5833	9	49 40.95	− 0.07	− 2.67	54 27 54.58	46.880	+ 9.57	+1 19.1	20 49 38.21	− 3.08	−15 38 34.2	−19.6
48	B. D. −16°5741	9	52 24.14	− 0.08	− 2.67	55 13 54.30	44.712	+ 9.58	+1 21.3	20 52 21.39	− 3.09	−16 23 46.6	−19.5
49	B. D. −12°5890	9	56 51.50	− 0.05	− 2.67	50 53 53.80	45.900	+ 9.60	+1 9.5	20 56 48.78	− 3.06	−12 4 1.4	−20.6
50	C. P. D. −23°7916	8	1 35.34	− 0.14	− 2.67	62 21 53.20	43.632	+ 9.62	+1 47.6	21 1 32.53	− 3.19	−23 31 47.0	−18.4
51	B. D. −21°5940	8	4 9.68	− 0.12	− 2.67	59 45 53.78	45.280	+ 9.62	+1 36.8	21 4 6.89	− 3.16	−20 56 14.6	−19.0
52	B. D. − 9°5674	9	5 42.18	− 0.03	− 2.67	48 33 54.58	46.835	+ 9.63	+1 4.1	21 5 39.48	− 3.07	− 9 44 18.3	−21.3
53	B. D. −21°5974	9	10 16.12	− 0.12	− 2.67	59 51 52.52	46.595	+ 9.65	+1 37.2	21 10 13.33	− 3.17	−21 2 43.8	−19.2
54	B. D. −18°5904	9	12 59.39	− 0.09	− 2.67	56 41 53.02	44.112	+ 9.66	+1 25.9	21 12 56.63	− 3.14	−17 51 36.3	−19.9
55	ι Capricorni	9	17 0.04	− 0.09	− **2.62**	56 3 53.02	46.060	+ 9.67	+1 23.9	21 16 57.28	.....	−17 14 18.8	....
56	β Aquarii	9	26 36.16	0.00	− **2.69**	44 49 55.45	44.495	+ 9.71	+ 56.2	21 26 33.49	.....	− 5 59 17.9	....
57	ξ Aquarii	9	32 44.32	− 0.02	− **2.63**	47 7 54.75	42.920	+ 9.74	+1 0.9	21 32 41.63	.....	− 8 16 45.8	....
58	γ Capricorni	9	34 52.41	− 0.08	− **2.72**	55 55 53.68	43.815	+ 9.75	+1 23.5	21 34 49.66	.....	−17 5 27.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 2 16	......	....	63.8
2 38	......	....	63.1
3 7	29.82	64.0	62.7
9 11 10	29.86	76.8	77.0
10 19 5	29.975	67.6	66.1
19 27	......	....	65.8
19 51	29.98	66.5	65.2
20 14	......	....	64.8
20 38	29.99	65.5	64.3
21 8	......	....	63.8
21 37	29.99	64.7	63.7

Micrometer bisections are made at II, VI, except as noted below.

5, 10.	Bisections at III, IV, V.
11, 37.	Bisections at I, II.
12, 22.	Bisections at VI, VII.
18, 19.	Bisections at I, II, VI, VII.
23, 38, 41, 49, 57.	Bisections at II, VII.
26, 29.	Bisection at II.
50.	Bisections at II, VI, VII.

Notes.

10.	Poor; dense fog.
13-58.	Conditions rather poor.
19.	Quite faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 4.8	+15 54.5	...	+15 59.3
12	+ 4.8	−15 54.5	...	−15 49.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	September 11, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ε Piscium	9	58 3.44	+ 0.12	− **2.78**	31 27 53.72	45.675	+ 9.52	+ 34.6	0 58 0.74	.....	+ 7 22 38.7	....
2	e Piscium	9	3 31.23	+ 0.11	− 2.82	33 41 53.98	45.245	+ 9.52	+ 37.7	1 3 28.52	− 3.13	+ 5 8 45.1	−17.0
3	37 Ceti	9	9 39.64	+ 0.02	− 2.82	47 15 55.45	46.255	+ 9.52	+1 1.1	1 9 36.84	− 2.93	− 8 26 2.8	−18.8
4	α Ursæ Minoris	8	25 36.29	+13.13	− 2.82	310 3 48.75	47.611	+ 9.52	−1 6.8	1 25 46.60	.....	+88 47 39.5	....
5	ν Piscium	9	36 31.82	+ 0.11	− **2.81**	33 49 55.18	46.328	+ 9.52	+ 37.9	1 36 29.10	.....	+ 5 0 19.0	....
6	ε Sculptoris	9	41 14.64	− 0.12	− 2.83	64 19 55.95	48.008	+ 9.52	+1 57.2	1 41 11.69	.....	−25 31 39.4	....
7	2 Persei	9	46 9.62	+ 0.47	− 2.83	348 31 52.45	46.420	+ 9.52	− 11.4	1 46 7.26	− 4.55	+50 19 8.7	− 3.6
8	β Arietis	5	49 26.11	+ 0.20	− **2.91**	18 29 52.98	46.860	+ 9.52	+ 19.0	1 49 23.48	.....	+20 20 28.1	....
9	υ Ceti	9	55 34.44	− 0.09	− 2.83	60 21 54.48	45.278	+ 9.52	+1 39.1	1 55 31.52	.....	−21 32 17.4	....
10	α Arietis	9	1 51.56	+ 0.22	− **2.84**	15 49 55.22	46.492	+ 9.52	+ 16.1	2 1 48.95	.....	+23 0 36.9	....
11	ξ¹ Ceti	9	8 0.32	+ 0.13	− **2.82**	30 25 53.30	47.575	+ 9.52	+ 33.2	2 7 57.62	.....	+ 8 23 57.3	....
12	γ Trianguli	9	11 42.42	+ 0.30	− 2.83	5 25 53.55	47.958	+ 9.52	+ 5.4	2 11 39.89	.....	+33 24 15.8	....
13	κ Fornacis	9	18 14.45	− 0.11	− 2.83	63 3 54.95	46.270	+ 9.52	+1 50.9	2 18 11.51	.....	−24 14 52.4	....
14	ξ² Ceti	9	23 8.84	+ 0.12	− **2.80**	30 47 54.50	47.512	+ 9.52	+ 33.7	2 23 6.13	.....	+ 8 1 56.8	....
15	128 H¹. Ceti	9	30 54.64	+ 0.12	− 2.83	32 23 54.78	47.530	+ 9.52	+ 35.9	2 30 51.93	.....	+ 6 25 53.9	....
16	μ Arietis	9	37 2.86	+ 0.20	− 2.83	19 13 54.45	47.348	+ 9.52	+ 19.8	2 37 0.23	− 3.13	+19 36 14.5	− 7.0
17	η Persei	9	43 48.24	+ 0.54	− 2.83	343 21 51.25	45.070	+ 9.52	− 16.8	2 43 45.95	− 4.72	+55 29 46.1	+ 3.9
18	β Ursæ Minoris s. p.	9	50 57.97	− 0.82	− 2.83	293 27 48.58	41.820	+ 9.52	−2 8.9	14 50 54.32	.....	+74 33 4.5	....
19	λ Ceti	9	54 39.61	+ 0.13	− 2.83	30 17 54.35	48.470	+ 9.52	+ 33.1	2 54 36.91	− 2.81	+ 8 31 35.7	− 8.9
20	ρ Persei	9	59 7.42	+ 0.34	− 2.83	0 21 52.45	48.720	+ 9.52	+ 0.4	2 59 4.93	.....	+38 28 4.7	....
21	57 B. Ursæ Minoris s. p.	9	7 29.33	− 6.30	− 2.83	306 29 48.95	42.991	+ 9.52	−1 16.0	15 7 20.20	.....	+87 36 24.0	....
	September 12, M.												
22	Sun I, N	9	20 17.81	+ 0.07	− 2.81	34 23 57.35	47.602	+ 7.17	+ 37.3	11 20 15.07	+63.99	+ 4 25 50.0	....
23	Sun II, S	9	22 25.80	+ 0.07	− 2.81	34 55 54.30	47.282	+ 7.17	+ 38.0	11 22 23.06	−64.00	+ 3 54 0.9	....
24	Venus I, C	9	29 43.42	− 0.03	− 2.81	40 55 56.65	44.511	+ 6.83	+ 46.8	12 29 40.58	+ 0.33	− 2 5 7.1	....
25	Venus II	9	29 44.06	− 0.03	− 2.81	... .	......	....	. ....	12 29 41.22	− 0.31	.. ..	....
	September 15, T.												
26	Sun I, N	9	31 4.18	+ 0.17	− 3.01	35 33 58.18	44.905	+ 7.49	+ 40.5	11 31 1.34	+63.98	+ 3 16 47.3	....
27	Sun II, S	9	33 12.15	+ 0.17	− 3.01	36 5 57.42	44.562	+ 7.49	+ 41.3	11 33 9.31	−63.99	+ 2 44 56.4	....
28	Venus C	9	43 14.21	+ 0.13	− 3.01	42 28	......	....	. ....	12 43 11.33	+ 0.02	.. ..	....
29	Moon I, N	9	52 46.82	− 0.03	− 3.01	56 37 56.12	44.221	+ 6.70	+1 25.8	16 52 43.78	+67.90	−17 47 39.5	....
	September 15, Ei.-Y.												
30	d Sagittarii	9	12 6.81	− 0.05	− **2.86**	57 57 59.02	42.810	+ 6.39	+1 31.2	19 12 3.90	.....	−19 7 14.5	....
31	δ Aquilæ	9	20 44.85	+ 0.12	− **2.91**	35 55 57.82	42.518	+ 6.42	+ 41.4	19 20 42.11	.....	+ 2 55 43.0	....
32	B. D. −19°5462	9	22 31.83	− 0.05	− 2.86	58 21 57.10	44.838	+ 6.43	+1 32.7	19 22 28.92	− 2.81	−19 32 0.5	−14.7
33	B. D. −17°5655	9	25 58.10	− 0.04	− 2.86	56 41 57.32	45.700	+ 6.44	+1 27.0	19 25 55.20	− 2.80	−17 52 14.7	−15.4
34	B. D. −21°5444	9	30 0.80	− 0.06	− 2.86	59 47 58.35	47.382	+ 6.46	+1 38.2	19 29 57.88	− 2.86	−20 59 5.4	−14.6
35	C. P. D. −28°6981	9	33 2.82	− 0.15	− 2.86	67 37 57.88	46.185	+ 6.47	+2 18.4	19 32 59.81	− 3.01	−28 49 17.8	−12.3
36	B. D. −21°5479	9	35 15.47	− 0.06	− 2.86	59 51 56.55	48.200	+ 6.48	+1 38.5	19 35 12.55	− 2.88	−21 3 22.6	−14.8
37	B. D. −15°5444	9	38 10.79	− 0.02	− 2.86	54 31 57.95	43.545	+ 6.49	+1 20.2	19 38 7.91	− 2.81	−15 41 19.4	−16.6
38	B. D. −18°5487	9	42 25.72	− 0.04	− 2.86	57 27 58.62	45.418	+ 6.51	+1 29.6	19 42 22.82	− 2.87	−18 38 12.3	−16.0
39	C. P. D. −25°6917	9	45 32.05	− 0.10	− 2.86	63 57 58.48	44.555	+ 6.52	+1 56.9	19 45 29.09	− 2.98	−25 8 19.7	−14.1
40	C. P. D. −24°6848	9	48 38.87	− 0.09	− 2.86	62 59 57.40	45.480	+ 6.54	+1 52.2	19 48 35.92	− 2.97	−24 10 35.1	−14.6
41	C. P. D. −26°6895	9	53 12.42	− 0.12	− 2.86	65 15 58.48	46.362	+ 6.55	+2 4.0	19 53 9.44	− 3.03	−26 27 8.1	−14.1
42	B. D. −17°5832	9	56 8.47	− 0.03	− 2.86	55 57 57.62	44.250	+ 6.56	+1 24.8	19 56 5.58	− 2.89	−17 7 39.8	−17.0
43	B. D. −21°5609	9	59 25.14	− 0.07	− 2.86	60 23 58.50	46.640	+ 6.58	+1 40.8	19 59 22.21	− 2.97	−21 34 51.3	−15.9
44	B. D. −15°5564	9	3 10.06	− 0.01	− 2.86	54 7 58.48	45.815	+ 6.59	+1 19.2	20 3 7.19	− 2.89	−15 18 10.9	−17.9
45	B. D. −15°5576	9	5 58.46	− 0.02	− 2.86	54 35 57.80	46.820	+ 6.60	+1 20.6	20 5 55.58	− 2.91	−15 46 34.6	−17.9
46	C. P. D. −27°6972	9	9 24.34	− 0.13	− 2.86	66 7 58.62	45.738	+ 6.61	+2 9.1	20 9 21.35	− 3.08	−27 18 59.2	−14.7
47	B. D. −21°5669	9	11 17.19	− 0.06	− 2.86	60 1 59.25	48.195	+ 6.62	+1 39.4	20 11 14.27	− 3.00	−21 13 26.3	−16.6
48	B. D. −19°5776	9	13 57.27	− 0.05	− 2.86	58 13 57.05	47.060	+ 6.63	+1 32.5	20 13 54.36	− 2.98	−19 24 51.3	−17.2
49	B. D. −16°5581	9	17 12.56	− 0.03	− 2.86	55 39 57.30	43.510	+ 6.65	+1 23.8	20 17 9.67	− 2.96	−16 49 21.7	−18.0
50	B. D. −17°5975	9	21 9.70	− 0.03	− 2.86	56 29 57.65	48.178	+ 6.66	+1 26.6	20 21 6.81	− 2.98	−17 41 11.5	−18.0
51	ρ Capricorni	9	23 29.08	− 0.04	− **2.87**	56 57 58.52	43.932	+ 6.67	+1 28.0	20 23 26.18	.....	−18 7 36.8	....
52	B. D. −15°5696	9	25 47.47	− 0.01	− 2.86	54 11 57.20	46.345	+ 6.68	+1 19.5	20 25 44.60	− 2.96	−15 22 22.1	−18.8
53	B. D. −19°5852	9	29 2.45	− 0.05	− 2.86	58 31 57.80	48.115	+ 6.69	+1 33.7	20 28 59.54	− 3.02	−19 43 17.4	−17.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 0 52	29.85	64.5	62.5
1 54	29.84	63.5	62.0
2 28	......	....	62.0
3 14	29.84	63.3	62.0
12 11 22	29.91	81.0	82.5
12 36	29.88	83.0	86.0
15 11 33	30.00	64.5	63.2
16 43	30.02	65.5	64.0
19 10	30.05	61.0	59.5
19 34	......	....	59.2
19 57	30.065	59.2	58.1
20 23	......	....	58.2

Micrometer bisections are made at II, VI, except as noted below.

4, 21. Bisections at b_1, b_2, b_5, b_8, b_9.
8, 11, 23, 27. Bisections at VI, VII.
18. Bisections at III, IV, V.
22, 26. Bisections at I, II.
24, Bisections at I, II, VI, VII.
29. Bisections at I, II, III, IV, V.
36, 50, 52. Bisections at II, VII.

Notes.

7. Micrometer reading decreased 1 rev.
30–41. Conditions rather poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
22	+ 4.9	−15 54.5	...	−15 49.6
23	+ 5.0	+15 54.5	...	+15 59.5
24	+ 3.6	.. ....	0.0	+ 3.6
26	+ 5.1	−15 55.4	...	−15 50.3
27	+ 5.1	+15 55.5	...	+16 0.6
29	+47 36.1	−15 35.8	...	+32 0.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −15°5732	9	32 4.17	− 0.01	− 2.86	54 17 58.18	46.685	+ 6.71	+1 19.8	20 32 1.30	− 2.98	−15 28 31.2	−19.0
2	υ Capricorni	9	34 41.09	− 0.04	− 2.86	57 17 58.60	45.785	+ 6.72	+1 29.3	20 34 38.19	....	−18 28 20.6	....
3	B. D. −14°5839	9	39 18.97	0.00	− 2.86	53 21 57.12	44.548	+ 6.73	+1 17.1	20 39 16.11	− 2.99	−14 31 38.6	−19.4
4	ε Aquarii	9	42 34.70	+ 0.03	− **2.93**	48 39 58.10	47.385	+ 6.75	+1 5.3	20 42 31.87	....	− 9 50 32.7	....
5	C. P. D. −25°7197	9	44 56.87	− 0.11	− 2.86	64 9 58.92	43.512	+ 6.76	+1 58.2	20 44 53.90	− 3.13	−25 19 57.9	−17.0
6	B. D. −20°6055	9	46 52.77	− 0.05	− 2.86	58 49 57.45	44.552	+ 6.77	+1 34.8	20 46 49.86	− 3.07	−19 59 56.8	−18.4
7	19 Capricorni	9	49 28.49	− 0.04	− 2.86	57 5 58.48	47.400	+ 6.77	+1 28.7	20 49 25.59	− 3.06	−18 16 56.8	−18.9
8	B. D. −12°5876	9	52 52.91	+ 0.01	− 2.86	51 9 57.25	43.582	+ 6.79	+1 11.3	20 52 50.06	− 3.01	−12 19 11.0	−20.4
[illegible]	C. P. D. −23°7896	9	55 56.81	− 0.09	− 2.86	62 15 58.10	46.592	+ 6.80	+1 49.0	20 55 53.86	− 3.13	−23 26 58.3	−17.9
10	θ Capricorni	9	0 39.14	− 0.03	− **2.89**	56 25 57.15	46.575	+ 6.82	+1 26.5	21 0 36.25	....	−17 36 34.5	....
11	B. D. −13°5857	9	3 5.72	0.00	− 2.86	52 5 57.88	44.945	+ 6.83	+1 13.7	21 3 2.86	− 3.04	−13 15 45.2	−20.5
12	C. P. D. −23°7931	9	5 12.94	− 0.09	− 2.86	62 31 57.48	43.212	+ 6.84	+1 50.1	21 5 9.99	− 3.15	−23 41 41.6	−18.2
13	B. D. −13°5881	9	8 58.93	+ 0.01	− 2.86	51 41 57.70	44.188	+ 6.85	+1 12.6	21 8 56.08	− 3.05	−12 51 26.6	−20.7
14	B. D. − 9°5700	9	11 14.52	+ 0.03	− 2.86	48 25 58.75	47.440	+ 6.86	+1 4.8	21 11 11.69	− 3.04	− 9 36 34.2	−21.5
15	B. D. −14°5997	9	14 38.20	0.00	− 2.86	53 13 57.95	48.225	+ 6.88	+1 16.9	21 14 35.34	− 3.08	−14 25 3.4	−20.5
16	B. D. − 9°5728	9	17 53.39	+ 0.03	− 2.86	48 33 58.92	44.395	+ 6.89	+1 5.1	21 17 50.56	− 3.05	− 9 43 25.1	−21.6
17	B. D. −15°5983	9	21 15.84	− 0.02	− 2.86	54 29 58.08	43.530	+ 6.90	+1 20.4	21 21 12.96	− 3.10	−15 39 20.1	−20.4
18	B. D. −12°5998	9	22 32.36	+ 0.01	− 2.86	50 53 57.60	47.310	+ 6.91	+1 10.7	21 22 29.51	− 3.08	−12 4 36.0	−21.2
29	β Aquarii	9	26 36.25	+ 0.06	− **2.86**	44 49 58.60	44.410	+ 6.92	+ 57.1	21 26 33.45	....	− 5 59 17.2	....
20	ξ Aquarii	9	32 44.47	+ 0.04	− **2.86**	47 7 58.30	42.820	+ 6.95	+1 1.9	21 32 41.65	....	− 8 16 45.4	....
21	π Aquarii	9	20 28.39	+ 0.11	− **2.86**	37 55 57.88	47.482	+ 7.14	+ 44.9	22 20 25.63	....	+ 0 53 45.3	....
22	B. D. − 6°5996	9	22 56.91	+ 0.06	− 2.87	45 13 58.60	44.625	+ 7.14	+ 58.0	22 22 54.10	− 3.15	− 6 23 23.2	−22.7
23	B. D. − 8°5888 (*pr.*)	5	25 35.80	+ 0.04	− 2.87	47 25 58.30	45.915	+ 7.14	+1 2.6	22 25 32.97	− 3.15	− 8 35 57.3	−22.4
24	B. D. − 8°5888 (*fol.*)	5	25 36.02	+ 0.04	− 2.87	47 25 58.30	46.248	+ 7.14	+1 2.6	22 25 33.19	− 3.15	− 8 36 4.3	−22.4
25	η Aquarii	9	30 31.38	+ 0.10	− **2.87**	39 25 58.65	47.715	+ 7.14	+ 47.3	22 30 28.61	....	− 0 36 23.2	....
26	B. D. − 6°6034	9	32 23.83	+ 0.06	− 2.87	45 23 59.50	45.022	+ 7.14	+ 58.3	22 32 21.02	− 3.16	− 6 33 33.5	−22.6
27	B. D. − 4°5728	9	35 55.84	+ 0.07	− 2.87	42 53 57.88	43.565	+ 7.14	+ 53.4	22 35 53.04	− 3.17	− 4 2 53.7	−22.8
28	67 Aquarii	9	38 19.43	+ 0.05	− 2.87	46 17 59.62	45.032	+ 7.14	+1 0.1	22 38 16.61	− 3.16	− 7 27 35.9	−22.5
39	B. D. −15°6265	8	39 20.84	− 0.01	− 2.87	53 59 58.88	46.495	+ 7.14	+1 19.1	22 39 17.96	− 3.16	−15 10 27.0	−21.7
30	B. D. − 7°5858	9	42 27.87	+ 0.05	− 2.87	46 3 59.05	45.732	+ 7.14	+ 59.7	22 42 25.05	− 3.17	− 7 13 50.9	−22.5
31	B. D. − 5°5866	9	43 38.07	+ 0.07	− 2.87	43 53 58.10	47.928	+ 7.14	+ 55.3	22 43 35.27	− 3.17	− 5 4 35.5	−22.6
32	B. D. − 3°5521	9	47 48.88	+ 0.08	− 2.87	41 57 57.82	46.025	+ 7.14	+ 51.7	22 47 46.09	− 3.18	− 3 7 48.1	−22.7
33	94 H¹. Aquarii	9	50 18.31	+ 0.06	− 2.87	44 19 59.12	45.298	+ 7.14	+ 56.2	22 50 15.50	− 3.18	− 5 29 37.3	−22.6
34	B. D. − 6°6110	9	53 16.37	+ 0.06	− 2.87	45 1 58.50	45.260	+ 7.14	+ 57.5	22 53 13.56	− 3.18	− 6 11 37.1	−22.5
35	B. D. −10°6038	9	56 13.13	+ 0.03	− 2.87	48 53 58.38	45.095	+ 7.14	+1 5.8	22 56 10.29	− 3.17	−10 3 41.5	−22.2
36	B. D. − 1°4382	9	58 19.33	+ 0.10	− 2.87	39 45 58.78	47.102	+ 7.14	+ 47.9	22 58 16.56	− 3.20	− 0 56 9.9	−22.7
37	B. D. − 8°6021	9	0 58.83	+ 0.04	− 2.87	47 17 59.18	43.305	+ 7.14	+1 2.2	23 0 56.00	− 3.17	− 8 26 57.5	−22.2
38	B. D. − 6°6147	9	2 58.31	+ 0.06	− 2.87	45 1 58.82	48.045	+ 7.14	+ 57.6	23 2 55.50	− 3.18	− 6 12 41.2	−22.4
49	B. D. − 6°6157	9	5 47.29	+ 0.06	− 2.87	45 17 59.18	47.645	+ 7.14	+ 58.1	23 5 44.48	− 3.18	− 6 28 32.8	−22.3
40	φ Aquarii	9	9 27.03	+ 0.06	− **2.84**	45 23 59.62	45.300	+ 7.14	+ 58.3	23 9 24.22	....	− 6 33 40.2	....
41	ψ¹ Aquarii	9	10 57.81	+ 0.03	− 2.87	48 25 59.78	46.785	+ 7.14	+1 4.8	23 10 54.97	− 3.16	− 9 36 20.5	−22.1
42	B. D. − 2°5925	9	13 37.07	+ 0.08	− 2.87	41 15 57.05	43.760	+ 7.14	+ 50.4	23 13 34.28	− 3.20	− 2 24 54.3	−22.3
43	B. D. − 9°6173	9	16 18.98	+ 0.04	− 2.87	48 1 59.18	45.140	+ 7.14	+1 3.9	23 16 16.15	− 3.16	− 9 11 41.4	−22.0
44	B. D. −11°6064	8	18 8.58	+ 0.02	− 2.87	50 7 57.88	44.585	+ 7.14	+1 8.8	23 18 5.73	− 3.16	−11 17 32.3	−21.9
45	B. D. − 7°6012	9	21 42.49	+ 0.05	− 2.87	45 57 59.08	45.560	+ 7.14	+ 59.4	23 21 39.67	− 3.17	− 7 7 46.5	−22.0
46	B. D. −12°6496	9	23 11.48	+ 0.01	− 2.87	50 47 57.95	46.585	+ 7.14	+1 10.4	23 23 8.62	− 3.15	−11 58 19.7	−21.8
47	B. D. − 7°6036	9	26 10.10	+ 0.05	− 2.87	45 39 58.88	42.720	+ 7.14	+ 58.7	23 26 7.28	− 3.17	− 6 48 40.6	−21.9
48	B. D. − 3°5655	9	28 5.38	+ 0.08	− 2.87	42 21 56.70	47.750	+ 7.14	+ 52.4	23 28 2.59	− 3.19	− 3 32 27.1	−22.0
59	B. D.+ 0°5018	9	30 40.13	+ 0.11	− 2.87	38 3 57.40	43.410	+ 7.14	+ 45.0	23 30 37.37	− 3.22	+ 0 47 18.8	−21.9
50	B. D. − 9°6224	9	33 21.07	+ 0.04	− 2.87	47 59 59.42	43.892	+ 7.14	+1 3.8	23 33 18.24	− 3.16	− 9 9 13.1	−21.8
51	B. D.+ 2°4701	8	36 2.64	+ 0.12	− 2.87	35 43 57.40	46.915	+ 7.14	+ 41.4	23 35 59.89	− 3.24	+ 3 6 2.2	−21.7
52	B. D. − 7°6078	9	39 57.17	+ 0.05	− 2.87	46 17 59.52	45.650	+ 7.14	+1 0.1	23 39 54.35	− 3.16	− 7 27 49.6	−21.6
53	B. D. − 3°5707	9	43 6.40	+ 0.08	− 2.87	42 7 56.90	44.928	+ 7.14	+ 52.0	23 43 3.61	− 3.19	− 3 17 22.4	−21.6
54	B. D. − 3°5723	9	48 5.68	+ 0.08	− 2.87	42 31 57.75	43.840	+ 7.14	+ 52.7	23 48 2.89	− 3.18	− 3 40 59.1	−21.4
55	B. D. − 5°6081	9	50 18.33	+ 0.06	− 2.87	44 1 58.82	45.822	+ 7.14	+ 55.6	23 50 15.52	− 3.17	− 5 11 48.4	−21.4
56	B. D. − 2°6071	9	54 44.93	+ 0.09	− 2.87	41 13 57.20	43.440	+ 7.14	+ 50.4	23 54 42.15	− 3.19	− 2 22 47.1	−21.2
57	B. D. − 3°5749	9	57 0.23	+ 0.08	− 2.87	42 23 58.35	44.900	+ 7.14	+ 52.5	23 56 57.44	− 3.17	− 3 33 23.7	−21.1
58	B. D.+ 0°5084	9	59 57.31	+ 0.11	− 2.87	37 49 58.18	45.565	+ 7.14	+ 44.7	23 59 54.55	− 3.22	+ 1 0 29.0	−20.8
69	B. D.+ 6°5242	9	2 14.96	+ 0.15	− 2.87	32 29 57.60	45.048	+ 7.14	+ 36.7	0 2 12.24	− 3.28	+ 6 20 49.1	−20.4
60	5 Ceti	9	3 23.14	+ 0.08	− 2.87	41 47 58.02	48.105	+ 7.14	+ 51.5	0 3 20.35	− 3.17	− 2 58 35.7	−20.9
61	B. D. − 6°11	9	5 29.95	+ 0.06	− 2.87	44 35 58.38	47.913	+ 7.14	+ 56.8	0 5 27.14	− 3.15	− 5 46 36.8	−20.9
62	B. D.+ 0°22	9	9 47.26	+ 0.11	− 2.87	38 3 57.42	46.545	+ 7.14	+ 45.2	0 9 44.50	− 3.20	+ 0 46 6.9	−20.5
63	B. D.+ 8°24 (*fol.*)	9	12 33.81	+ 0.16	− 2.87	30 29 57.32	45.318	+ 7.14	+ 34.0	0 12 31.10	− 3.30	+ 8 20 46.2	−19.8
64	B. D.+ 3°34	9	15 31.81	+ 0.13	− 2.87	34 35 57.35	44.260	+ 7.14	+ 39.8	0 15 29.07	− 3.24	+ 4 15 4.6	−20.0
65	B. D. − 3°49	9	19 41.36	+ 0.08	− 2.87	41 33 57.52	48.350	+ 7.14	+ 51.3	0 19 38.57	− 3.16	− 2 44 40.6	−20.3

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
15 20 48 21 10 21 34 22 19 23 7 23 35 23 58	30.065 ...... 30.065 30.06 30.05 ...... 30.045	58.1 .... 57.4 56.9 57.0 .... 56.6	57.2 57.5 56.8 56.7 57.2 57.2 56.8	3, 34, 35, 39, 41, 49. Bisections at II, VII. 17, 23, 28, 30, 40, 59. Bisections at I, II. 24, 29, 37. Bisections at VI, VII. 44. Bisections at III, VI. 61. Bisections at II VI, VII. Notes. 25-33, 60, 61, 65. Images poor. 44. Revolutions of micrometer reading assumed.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. + 8°51	9	22 1.16	+ 0.16	− 2.87	30 3 57.20	43.310	+ 7.14	+ 33.5	0 21 58.45	− 3.30	+ 8 47 32.7	−19.2
2	12 Ceti	9	25 14.29	+ 0.07	− **2.84**	43 19 58.10	43.668	+ 7.14	+ 54.6	0 25 11.49	.....	− 4 28 57.4	....
3	B. D. − 3°67	9	29 27.31	+ 0.08	− 2.87	41 45 57.45	44.305	+ 7.14	+ 51.7	0 29 24.52	− 3.14	− 2 55 8.4	−19.9
4	B. D. + 4°80	9	32 5.97	+ 0.14	− 2.87	33 57 58.30	43.602	+ 7.14	+ 39.0	0 32 3.24	− 3.23	+ 4 53 19.4	−19.1
5	B. D. + 7°86	9	34 5.74	+ 0.15	− 2.87	31 27 57.12	43.190	+ 7.14	+ 35.4	0 34 3.02	− 3.27	+ 7 23 33.9	−18.7
6	B. D. + 7°100	9	38 11.64	+ 0.16	− 2.87	30 47 57.58	44.265	+ 7.14	+ 34.5	0 38 8.93	− 3.27	+ 8 3 9.6	−18.4
7	δ Piscium	9	43 48.06	+ 0.15	− **2.89**	31 45 57.65	47.145	+ 7.14	+ 35.9	0 43 45.34	.....	+ 7 4 2.2	....
8	20 Ceti	9	48 11.94	+ 0.09	− **2.84**	40 29 57.72	45.620	+ 7.14	+ 49.5	0 48 9.16	.....	− 1 39 36.6	....
	September 15, M.												
9	Jupiter I, C	5	50 7.59	+ 0.18	− 2.86	29 9 57.70	39.469	+ 7.56	+ 32.5	1 50 4.91	+ 1.58	+ 9 41 17.6	....
10	Jupiter II	5	50 10.75	+ 0.18	− 2.86	... .	......	....	. ....	1 50 8.07	− 1.58	.. ..	....
11	ξ² Ceti	9	23 8.92	+ 0.17	− **2.85**	30 47 59.12	47.335	+ 7.56	+ 34.7	2 23 6.23	.....	+ 8 1 57.2	....
12	128 H¹. Ceti	9	30 54.72	+ 0.16	− 2.86	32 23 59.30	47.342	+ 7.56	+ 37.0	2 30 52.02	.....	+ 6 25 54.6	....
13	μ Arietis	9	37 2.97	+ 0.25	− 2.86	19 13 58.92	47.180	+ 7.56	+ 20.4	2 37 0.36	− 3.22	+19 36 15.2	− 7.5
14	η Persei	9	43 48.40	+ 0.61	− 2.86	343 21 54.78	44.932	+ 7.56	− 17.3	2 43 46.15	− 4.87	+55 29 48.3	+ 3.0
15	β Ursæ Minoris s. p.	9	50 57.63	− 0.88	− 2.86	293 27 52.95	41.888	+ 7.56	−2 12.9	14 50 53.89	.....	+74 33 4.4	....
16	λ Ceti	9	54 39.72	+ 0.17	− 2.86	30 17 58.58	48.322	+ 7.56	+ 34.1	2 54 37.03	− 2.91	+ 8 31 35.8	− 9.2
17	ρ Persei	9	59 7.53	+ 0.40	− 2.86	0 21 57.68	48.548	+ 7.56	+ 0.5	2 59 5.07	.....	+38 28 5.0	....
18	57 B. Ursæ Minoris s. p.	9	7 29.00	− 6.89	− 2.86	306 29 52.50	42.973	+ 7.56	−1 18.3	15 7 19.25	.....	+87 36 22.8	....
19	ο Tauri	9	19 44.28	+ 0.17	− **2.88**	30 8 0.08	48.382	+ 7.56	+ 33.9	3 19 41.59	.....	+ 8 41 33.0	....
20	ε Eridani	9	28 29.68	+ 0.05	− **2.90**	48 36 1.70	47.948	+ 7.56	+1 6.1	3 28 26.87	.....	− 9 46 50.8	....
21	149 H¹. Cephei	9	35 40.39	+ 4.86	− 2.86	312 31 54.28	45.188	+ 7.56	−1 3.2	3 35 42.39	−27.47	+86 20 28.6	+15.4
22	η Tauri	9	41 52.18	+ 0.28	− **2.84**	15 1 59.20	46.745	+ 7.56	+ 15.7	3 41 49.60	.....	+23 48 29.6	....
23	ζ Ursæ Minoris s. p.	9	47 26.99	− 1.22	− 2.86	296 59 54.00	42.674	+ 7.56	−1 53.3	15 47 22.91	.....	+78 5 43.0	....
24	τ⁵ Eridani	9	55 54.89	− 0.08	− 2.86	63 5 58.90	46.650	+ 7.56	+1 54.5	3 55 51.95	− 2.05	−24 17 6.6	−13.7
25	151 H¹. Cephei	9	6 33.39	+ 3.81	− 2.86	313 33 54.52	46.875	+ 7.56	−1 0.9	4 6 34.34	.....	+85 17 47.6	....
26	212 G. Eridani	9	16 32.64	− 0.04	− 2.86	59 41 59.10	44.275	+ 7.56	+1 39.5	4 16 29.74	− 2.00	−20 51 57.6	−11.8
27	ε Tauri	9	23 5.84	+ 0.24	− **2.77**	19 51 58.52	47.750	+ 7.56	+ 21.1	4 23 3.22	.....	+18 58 1.9	....
	September 16, M.												
28	Sun I, N	8	34 39.33	+ 0.17	− 2.87	35 55 59.40	47.795	+ 7.41	+ 40.8	11 34 36.63	+63.99	+ 2 53 39.9	....
29	Sun II, S	9	36 47.32	+ 0.17	− 2.87	36 27 58.80	47.490	+ 7.41	+ 41.5	11 36 44.62	−64.00	+ 2 21 47.9	....
30	Venus I, C	9	47 44.34	+ 0.11	− 2.87	42 58 1.60	46.935	+ 7.06	+ 52.1	12 47 41.58	+ 0.34	− 4 8 13.0	....
31	Venus II	9	47 44.98	+ 0.11	− 2.87	... .	......	....	. ....	12 47 42.22	− 0.30	.. ..	....
32	Moon I, N	9	48 57.39	− 0.07	− 2.87	57 34 0.75	44.338	+ 5.55	+1 28.0	17 48 54.45	+67.18	−18 43 47.2	....
	September 16, Ei.-Y.												
33	δ Aquilæ	9	20 44.82	+ 0.10	− **2.88**	35 55 59.45	42.508	+ 5.76	+ 41.0	19 20 42.04	.....	+ 2 55 42.7	....
34	κ Aquilæ	9	31 49.16	+ 0.03	− **2.84**	46 3 59.75	46.720	+ 5.76	+ 58.7	19 31 46.31	.....	− 7 14 11.6	....
35	B. D. −17°5699 (*pr.*)	9	33 46.98	− 0.04	− 2.88	55 57 59.65	43.770	+ 5.76	+1 23.6	19 33 44.06	− 2.80	−17 7 28.9	−16.0
36	C. P. D. −26°6817	9	36 36.22	− 0.13	− 2.88	65 30 0.28	43.218	+ 5.76	+2 3.6	19 36 33.21	− 2.96	−26 39 56.9	−13.1
37	C. P. D. −27°6835	9	40 30.33	− 0.14	− 2.88	66 18 0.18	47.868	+ 5.76	+2 8.5	19 40 27.31	− 2.99	−27 29 47.9	−13.1
38	C. P. D. −29°6176	9	43 18.29	− 0.16	− 2.88	67 49 58.78	46.335	+ 5.76	+2 18.3	19 43 15.25	− 3.03	−29 1 21.3	−12.8
39	B. D. −19°5631	9	46 43.12	− 0.06	− 2.88	58 5 58.52	47.780	+ 5.76	+1 30.8	19 46 40.18	− 2.88	−19 17 6.6	−15.9
40	B. D. −21°5574	9	49 57.70	− 0.08	− 2.88	60 33 59.35	47.898	+ 5.76	+1 40.2	19 49 54.74	− 2.93	−21 45 19.5	−15.4
41	B. D. −22°5296	9	53 58.79	− 0.09	− 2.88	61 17 59.50	44.515	+ 5.76	+1 43.2	19 53 55.82	− 2.95	−22 28 5.4	−15.3
42	c Sagittarii	9	56 51.45	− 0.15	− 2.88	66 47 59.85	44.170	+ 5.76	+2 11.5	19 56 48.42	.....	−27 58 26.1	....
43	B. D. −13°5569	9	0 11.94	− 0.01	− 2.88	51 45 58.48	45.538	+ 5.76	+1 11.8	20 0 9.05	− 2.84	−12 55 56.3	−18.4
44	B. D. −21°5629	9	4 2.84	− 0.07	− 2.88	59 41 58.90	44.875	+ 5.76	+1 36.7	20 3 59.89	− 2.96	−20 52 6.5	−16.3
45	B. D. −13°5619	9	9 51.81	− 0.01	− 2.88	52 29 59.75	46.232	+ 5.76	+1 13.8	20 9 48.92	− 2.88	−13 40 15.4	−18.6
46	B. D. −18°5637	9	11 35.04	− 0.06	− 2.88	57 33 59.38	43.290	+ 5.76	+1 29.0	20 11 32.10	− 2.95	−18 43 23.1	−17.2
47	B. D. −17°5936	9	14 20.24	− 0.05	− 2.88	56 35 58.15	47.935	+ 5.76	+1 25.9	20 14 17.31	− 2.95	−17 47 4.9	−17.6
48	B. D. −22°5419	8	18 49.53	− 0.09	− 2.88	61 9 59.18	47.730	+ 5.76	+1 42.8	20 18 46.56	− 3.02	−22 21 18.1	−16.6
49	π Capricorni	9	21 55.56	− 0.05	− **2.88**	57 19 59.85	48.468	+ 5.76	+1 28.3	20 21 52.63	.....	−18 31 21.2	....
50	B. D. −17°5992	9	23 37.08	− 0.05	− 2.88	56 33 58.15	47.452	+ 5.76	+1 25.8	20 23 34.15	− 2.97	−17 44 53.7	−18.0
51	B. D. −17°6014	9	27 11.41	− 0.04	− 2.88	55 45 58.75	44.635	+ 5.76	+1 23.2	20 27 8.49	− 2.97	−16 55 47.4	−18.4
52	B. D. −17°6027	9	30 12.34	− 0.04	− 2.88	55 39 59.08	48.025	+ 5.76	+1 23.0	20 30 9.42	− 2.98	−16 51 5.0	−18.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 0 24	.....	....	[illegible]
0 49	30.04	54.0	52.8
1 52	30.03	53.7	51.0
2 27	.....	....	[illegible]
3 14	[illegible]	51.5	50.3
3 46	.....	....	50.5
4 29	30.04	51.3	50.0
16 11 37	30.02	67.5	68.0
12 48	[illegible]	69.0	69.2
17 49	[illegible]	67.7	66.7
19 23	29.91	64.1	62.7
19 42	.....	....	62.2
20 5	[illegible]	63.1	61.8
20 26	.....	....	61.2

Micrometer bisections are made at II, VI, except as noted below.

5, 29.	Bisections at VI, VII.
6, 33, 37, 40, 45.	Bisections at II, VII.
9.	Z. D. threads A used.
9, 30.	Bisections at I, II, VI, VII.
14.	Bisections at II, IV, VI.
15.	Bisections at III, IV, V.
18, 21, 23, 25.	Bisections at b_1, b_2, b_5, b_8, b_9.
28.	Bisections at I, II.
32.	Bisections at II, III, IV, V, VI.

Notes.

11–27.	Rather poor.
30.	Micrometer reading decreased 1 rev.
42.	Image poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+ 1.0	.. ....	...	+ 1.0
28	+ 5.1	−15 56 0	...	−15 50.9
29	+ 5.2	+15 55.9	...	+16 1.1
30	+ 3.7	.. ....	0.0	+ 3.7
32	+47 23.0	−15 21.8	...	+32 1.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−11°5379	9	32 46.83	0.00	− 2.88	50 11 58.65	45.178	+ 5.76	+1 8.0	20 32 43.95	− 2.93	−11 21 44.5	−20.0
2	B. D.−14°5815	9	35 59.61	− 0.02	− 2.88	52 39 59.18	46.045	+ 5.76	+1 14.3	20 35 56.71	− 2.97	−13 50 11.1	−19.5
3	B. D.−16°5690	9	39 57.44	− 0.03	− 2.88	54 57 59.85	46.610	+ 5.76	+1 20.8	20 39 54.53	− 3.00	−16 8 31.2	−19.1
4	B. D.−17°6089	9	42 55.21	− 0.04	− 2.88	55 41 57.88	45.512	+ 5.76	+1 23.0	20 42 52.29	− 3.02	−16 52 6.3	−19.0
5	B. D.−13°5773	9	45 30.22	− 0.01	− 2.88	51 43 58.80	45.035	+ 5.76	+1 11.9	20 45 27.33	− 2.98	−12 53 45.3	−20.1
6	B. D.−17°6112	9	47 37.74	− 0.04	− 2.88	56 11 58.00	44.458	+ 5.76	+1 24.6	20 47 34.82	− 3.03	−17 21 43.7	−19.0
7	B. D.−13°5791	9	50 28.77	− 0.01	− 2.88	52 3 58.90	44.955	+ 5.76	+1 12.7	20 50 25.88	− 3.00	−13 13 44.3	−20.1
8	B. D.−20°6090	9	54 0.52	− 0.07	− 2.88	59 37 59.52	46.465	+ 5.76	+1 36.6	20 53 57.57	− 3.08	−20 48 43.3	−18.4
9	B. D.−21°5901	9	56 42.67	− 0.08	− 2.88	60 31 58.92	45.128	+ 5.76	+1 40.2	20 56 39.71	− 3.10	−21 42 15.8	−18.3
10	B. D.−20°6127	9	1 19.72	− 0.07	− 2.88	59 23 58.85	43.570	+ 5.76	+1 35.7	21 1 16.77	− 3.10	−20 33 35.6	−18.7
11	B. D.−20°6140	9	3 53.44	− 0.07	− 2.88	59 23 58.88	46.318	+ 5.76	+1 35.8	21 3 50.49	− 3.10	−20 34 38.5	−18.8
12	B. D.−10°5619	9	5 39.08	+ 0.01	− 2.88	49 25 59.10	45.155	+ 5.76	+1 6.3	21 5 36.21	− 3.02	−10 35 42.7	−21.2
13	B. D.−17°6216	9	9 50.46	− 0.05	− 2.88	56 33 58.25	45.762	+ 5.76	+1 25.9	21 9 47.53	− 3.08	−17 44 15.3	−19.7
14	B. D.−19°6065	9	12 53.69	− 0.06	− 2.88	57 53 58.75	47.740	+ 5.76	+1 30.4	21 12 50.75	− 3.10	−19 5 5.4	−19.5
15	B. D.−20°6192	9	16 4.39	− 0.07	− 2.88	58 45 58.38	44.308	+ 5.76	+1 33.4	21 16 1.44	− 3.12	−19 55 49.7	−19.4
16	B. D.−13°5923	9	19 2.81	− 0.01	− 2.88	52 7 59.82	43.245	+ 5.76	+1 13.0	21 18 59.92	− 3.07	−13 17 6.5	−20.9
17	B. D.−11°5598	9	21 21.51	0.00	− 2.88	50 9 58.80	44.825	+ 5.76	+1 8.1	21 21 18.63	− 3.06	−11 19 36.7	−21.3
18	*b* Capricorni	9	23 21.22	− 0.09	− 2.88	61 2 0.12	47.552	+ 5.76	+1 42.4	21 23 18.25	− 3.15	−22 13 14.6	−19.1
19	B. D.−10°5696	9	26 32.25	+ 0.01	− 2.88	49 0 0.75	44.680	+ 5.76	+1 5.3	21 26 29.38	− 3.07	−10 9 32.5	−21.7
20	B. D.− 9°5770	9	29 41.42	+ 0.02	− 2.88	48 20 0.88	47.265	+ 5.76	+1 3.9	21 29 38.56	− 3.07	− 9 30 30.3	−21.8
21	ξ Aquarii	9	32 44.47	+ 0.03	− **2.86**	47 7 59.55	42.872	+ 5.76	+1 1.2	21 32 41.62	....	− 8 16 45.9	....
22	γ Capricorni	9	34 52.53	− 0.04	− **2.91**	55 55 59.28	43.730	+ 5.76	+1 23.9	21 34 49.61	....	−17 5 27.9	....
23	σ Aquarii	9	25 40.14	0.00	− **2.89**	49 59 59.88	45.362	+ 6.10	+1 7.8	22 25 37.25	....	−11 9 50.1	....
24	η Aquarii	9	30 31.47	+ 0.08	− **2.94**	39 25 58.88	47.818	+ 6.10	+ 46.8	22 30 28.66	....	− 0 36 24.2	....
25	B. D.− 8°5912	9	33 26.10	+ 0.02	− 2.89	47 13 59.02	44.675	+ 6.10	+1 1.5	22 33 23.23	− 3.16	− 8 23 27.2	−22.4
26	B. D.− 9°6037	9	38 3.63	+ 0.02	− 2.89	48 30 0.50	43.438	+ 6.10	+1 4.3	22 38 0.76	− 3.16	− 9 39 3.2	−22.3
27	B. D.−13°6262	8	40 27.88	− 0.01	− 2.89	52 19 59.78	46.420	+ 6.10	+1 13.7	22 40 24.98	− 3.16	−13 30 19.7	−21.9
28	B. D.− 4°5757 (*mean*)	9	42 59.12	+ 0.05	− 2.89	43 33 59.55	44.560	+ 6.10	+ 54.2	22 42 56.28	− 3.17	− 4 43 17.8	−22.7
29	B. D.− 1°4351	9	45 52.75	+ 0.07	− 2.89	39 55 59.28	43.670	+ 6.10	+ 47.7	22 45 49.93	− 3.19	− 1 4 50.7	−23.0
30	B. D.−12°6374	9	49 9.48	− 0.01	− 2.89	51 31 58.50	44.822	+ 6.10	+1 11.6	22 49 6.58	− 3.16	−12 41 40.1	−22.0
31	B. D.−11°5953	9	51 53.51	+ 0.01	− 2.89	49 36 0.00	46.338	+ 6.10	+1 6.9	22 51 50.63	− 3.16	−10 46 11.6	−22.2
32	B. D.+ 0°4950	9	54 38.33	+ 0.08	− 2.89	38 23 58.72	43.285	+ 6.10	+ 45.1	22 54 35.52	− 3.20	+ 0 27 21.2	−22.8
33	B. D.− 5°5910	9	56 39.67	+ 0.05	− 2.89	44 4 0.52	44.528	+ 6.10	+ 55.1	22 56 36.83	− 3.18	− 5 13 19.0	−22.5
34	B. D.−12°6413	9	59 34.12	− 0.01	− 2.89	51 31 58.85	44.210	+ 6.10	+1 11.7	22 59 31.22	− 3.16	−12 41 26.6	−22.0
35	B. D.− 8°6025	9	2 18.39	+ 0.03	− 2.89	47 1 59.12	47.175	+ 6.10	+1 1.2	23 2 15.53	− 3.17	− 8 12 24.1	−22.3
36	B. D.+ 1°4687	8	4 34.30	+ 0.09	− 2.89	37 13 59.38	42.268	+ 6.10	+ 43.3	23 4 31.50	− 3.22	+ 1 37 45.6	−22.6
37	B. D.−12°6444 (*mean*)	9	7 4.44	0.00	− 2.89	51 17 59.45	42.868	+ 6.10	+1 11.1	23 7 1.55	− 3.16	−12 26 56.0	−22.0
38	B. D.− 5°5957	8	10 28.97	+ 0.05	− 2.89	43 53 59.82	43.895	+ 6.10	+ 54.8	23 10 26.13	− 3.19	− 5 3 3.5	−22.3
39	γ Piscium	9	12 17.44	+ 0.10	− **2.93**	36 3 59.00	47.490	+ 6.10	+ 41.6	23 12 14.65	....	+ 2 45 48.3	....
40	B. D.− 5°5966	9	14 31.37	+ 0.04	− 2.89	44 28 1.02	47.890	+ 6.10	+ 56.0	23 14 28.52	− 3.18	− 5 38 37.2	−22.2
41	B. D.− 5°5973	9	16 30.67	+ 0.05	− 2.89	44 2 0.12	45.140	+ 6.10	+ 55.1	23 16 27.83	− 3.18	− 5 11 32.6	−22.2
42	B. D.− 0°4509	9	18 42.47	+ 0.08	− 2.89	39 4 0.35	46.248	+ 6.10	+ 46.3	23 18 39.66	− 3.22	− 0 13 49.3	−22.3
43	B. D.+ 1°4724	9	21 55.42	+ 0.09	− 2.89	36 53 59.30	43.442	+ 6.10	+ 42.8	23 21 52.62	− 3.23	+ 1 57 19.4	−22.2
44	B. D.− 2°5973	9	24 37.37	+ 0.07	− 2.89	41 9 58.40	43.592	+ 6.10	+ 49.8	23 24 34.55	− 3.20	− 2 18 50.2	−22.1
45	B. D.− 9°6206	9	26 54.58	+ 0.02	− 2.89	47 41 59.98	43.785	+ 6.10	+1 2.6	23 26 51.71	− 3.17	− 8 51 8.9	−21.9
46	B. D.− 3°5661	6	28 51.75	+ 0.06	− 2.89	41 37 57.88	41.675	+ 6.10	+ 50.7	23 28 48.92	− 3.20	− 2 46 6.7	−22.0
47	B. D.− 9°6220	9	31 9.03	+ 0.02	− 2.89	48 8 1.00	44.540	+ 6.10	+1 3.6	23 31 6.16	− 3.16	− 9 17 28.2	−21.8
48	ι Piscium	7	35 6.82	+ 0.12	− **2.91**	33 43 59.32	45.350	+ 6.10	+ 38.1	23 35 4.05	....	+ 5 6 40.4	....
49	λ Piscium	.	.. ..	....	....	37 33 59.32	48.385	+ 6.10	+ 43.9	23 37	....	+ 1 15 25.3	−21.8
50	B. D.− 1°4485	.	.. ..	....	....	40 1 58.88	44.802	+ 6.10	+ 47.9	23 39	....	− 1 11 16.4	−21.7
51	19 Piscium	.	.. ..	....	....	35 53 59.65	42.822	+ 6.10	+ 41.3	23 41	....	+ 2 57 34.7	−21.6
52	B. D.+ 0°5054	.	.. ..	....	....	38 17 59.35	44.420	+ 6.10	+ 45.0	23 44	....	+ 0 32 54.8	−21.5
53	B. D.− 7°6104	9	48 17.36	+ 0.03	− 2.89	45 59 59.95	48.020	+ 6.10	+ 59.1	23 48 14.50	− 3.16	− 7 10 42.3	−21.5
54	B. D.+ 4°5066	9	49 16.53	+ 0.11	− 2.89	34 29 59.95	45.538	+ 6.10	+ 39.2	23 49 13.75	− 3.26	+ 4 20 34.7	−21.2
55	B. D.+ 3°4909	9	51 58.28	+ 0.11	− 2.89	34 39 59.40	42.470	+ 6.10	+ 39.4	23 51 55.50	− 3.26	+ 4 11 44.9	−21.1
56	B. D.+ 5°5245	8	55 5.28	+ 0.12	− 2.89	33 25 59.08	42.705	+ 6.10	+ 37.6	23 55 2.51	− 3.27	+ 5 25 41.6	−21.0
57	B. D.− 3°5750	9	57 13.29	+ 0.06	− 2.89	42 7 59.32	45.775	+ 6.10	+ 51.6	23 57 10.46	− 3.18	− 3 17 42.8	−21.2
58	B. D.− 4°6019	9	0 36.57	+ 0.05	− 2.89	43 13 59.62	43.300	+ 6.10	+ 53.6	0 0 33.73	− 3.17	− 4 22 48.5	−21.1
59	B. D.+ 2°3	9	3 32.73	+ 0.10	− 2.89	35 55 58.45	45.062	+ 6.10	+ 41.3	0 3 29.94	− 3.24	+ 2 54 44.7	−20.7
60	B. D.+ 7°13	9	6 26.02	+ 0.13	− 2.89	31 25 58.70	44.228	+ 6.10	+ 34.9	0 6 23.26	− 3.30	+ 7 25 9.9	−20.3
61	B. D.+ 5°25	9	10 48.61	+ 0.12	− 2.89	33 31 58.62	44.758	+ 6.10	+ 37.8	0 10 45.84	− 3.27	+ 5 18 55.0	−20.2
62	B. D.− 2°34	9	13 29.61	+ 0.06	− 2.89	41 23 58.82	42.838	+ 6.10	+ 50.3	0 13 26.78	− 3.17	− 2 32 33.9	−20.6
63	B. D.+ 6°30	8	17 9.39	+ 0.12	− 2.89	32 21 58.45	44.448	+ 6.10	+ 36.2	0 17 6.62	− 3.28	+ 6 29 3.8	−19.8
64	B. D.+ 0°54	9	21 22.96	+ 0.08	− 2.89	38 11 58.02	46.135	+ 6.10	+ 44.9	0 21 20.15	− 3.20	+ 0 38 17.0	−20.1
65	B. D.+ 9°47	9	23 28.26	+ 0.14	− 2.89	29 9 59.35	47.068	+ 6.10	+ 31.9	0 23 25.51	− 3.32	+ 9 40 7.3	−19.2

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
16 20 52	29.905	62.1	61.0	6, 27, 54. Bisections at VI, VII.					
21 15	......	....	60.4	14. Bisections at II, VI, VII.					
21 36	29.905	61.4	60.1	46. Bisections at II, VII.					
22 23	29.90	60.7	59.3	50. Bisections at I, VI.					
22 45	......	....	58.8	53. Bisections at I, II, VI.					
23 8	29.89	59.8	58.3						
23 33	......	....	58.0	Note.					
23 58	29.88	59.1	58.0	5,7. Image poor.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 0°70	9	27 6.87	+ 0.09	− 2.89	37 51 59.25	43.938	+ 6.10	+ 44.4	0 27 4.07	− 3.20	+ 0 59 6.5	−19.8
2	13 Ceti	9	30 24.42	+ 0.05	− 2.89	42 58 0.25	43.740	+ 6.10	+ 53.1	0 30 21.58	.....	− 4 6 58.7	....
3	B. D.+ 2°80	9	32 39.89	+ 0.10	− 2.89	36 13 58.15	44.872	+ 6.10	+ 41.8	0 32 37.10	− 3.21	+ 2 36 48.8	−19.4
4	B. D.− 5°101	9	35 55.05	+ 0.05	− 2.89	43 43 59.18	42.268	+ 6.10	+ 54.6	0 35 52.21	− 3.12	− 4 52 25.5	−19.9
5	B. D.− 0°109	8	40 20.16	+ 0.08	− 2.89	39 8 0.08	41.352	+ 6.10	+ 46.4	0 40 17.35	− 3.16	− 0 15 57.3	−19.3
6	δ Piscium	9	43 48.05	+ 0.13	− 2.85	31 45 58.58	47.172	+ 6.10	+ 35.4	0 43 45.29	.....	+ 7 4 2.2	....
7	20 Ceti	9	48 12.02	+ 0.07	− 2.89	40 29 58.98	45.705	+ 6.10	+ 48.8	0 48 9.20	.....	− 1 39 38.0	....
	September 16, T.												
8	Jupiter I, C	5	49 48.26	+ 0.18	− 3.02	29 11 58.25	39.535	+ 6.36	+ 32.0	1 49 45.42	+ 1.54	+ 9 39 17.3	....
9	Jupiter II	5	49 51.34	+ 0.18	− 3.02	... .	......	....	. ....	1 49 48.50	− 1.54	.. ..	....
10	ρ Ceti	9	21 24.33	+ 0.03	− 3.02	51 34 0.72	43.385	+ 6.36	+1 12.0	2 21 21.34	− 2.71	−12 43 10.2	−16.2
11	σ Ceti	9	27 38.02	0.00	− 3.02	54 29 59.70	44.565	+ 6.36	+1 20.1	2 27 35.00	.....	−15 39 44.2	....
12	142 H¹. Cephei	9	34 8.98	+ 2.15	− 3.02	317 49 55.52	44.912	+ 6.36	− 51.6	2 34 8.11	−13.89	+81 2 22.7	+ 7.2
13	39 Arietis	9	42 17.52	+ 0.33	− 3.02	9 59 59.45	45.855	+ 6.36	+ 10.2	2 42 14.83	− 3.49	+28 50 56.3	− 4.6
14	σ Arietis	9	46 17.36	+ 0.22	− 3.04	24 9 59.38	44.258	+ 6.36	+ 25.7	2 46 14.56	.....	+14 41 17.4	....
15	η Eridani	9	51 49.83	+ 0.05	− 3.00	48 6 1.28	47.592	+ 6.36	+1 3.8	2 51 46.86	.....	− 9 16 38.7	....
16	ι Persei	9	2 14.93	+ 0.54	− 3.02	349 35 56.00	47.410	+ 6.36	− 10.4	3 2 12.45	− 4.33	+49 14 44.7	+ 3.1
17	94 Ceti	9	7 57.99	+ 0.11	− 3.02	40 23 59.38	44.430	+ 6.36	+ 48.8	3 7 55.08	− 2.69	− 1 33 9.5	−11.0
18	τ¹ Arietis	9	15 46.77	+ 0.26	− 2.92	18 1 59.98	47.675	+ 6.36	+ 18.7	3 15 44.01	.....	+20 48 5.7	....
19	ξ Tauri	9	22 3.62	+ 0.18	− 3.03	29 25 59.55	47.428	+ 6.36	+ 32.4	3 22 0.78	.....	+ 9 23 58.1	....
20	ε Eridani	9	28 29.85	+ 0.05	− 3.05	48 36 1.40	48.030	+ 6.36	+1 5.0	3 28 26.88	.....	− 9 46 50.0	....
21	θ Ursæ Minoris s. p.	9	34 13.93	− 1.28	− 3.02	296 33 53.45	44.718	+ 6.36	−1 53.7	15 34 9.63	+ 5.69	+77 40 27.0	−16.9
22	27 Tauri	9	43 32.87	+ 0.29	− 3.02	15 6 1.60	43.890	+ 6.36	+ 15.5	3 43 30.14	− 3.06	+23 45 34.0	− 0.8
23	9 H. Camelopardalis	9	49 4.01	+ 0.76	− 3.02	338 1 55.30	46.080	+ 6.36	− 23.0	3 49 1.75	.....	+60 49 28.5	....
24	λ Tauri	9	55 27.21	+ 0.20	− 3.02	26 38 1.10	44.415	+ 6.36	+ 28.8	3 55 24.39	.....	+12 13 9.0	....
25	μ Persei	9	7 57.06	+ 0.54	− 3.02	350 41 58.12	44.538	+ 6.36	− 9.3	4 7 54.58	− 3.81	+48 9 47.2	+ 9.2
26	54 Persei	9	14 16.35	+ 0.39	− 3.02	4 29 59.80	48.605	+ 6.36	+ 4.6	4 14 13.72	− 3.19	+34 19 58.7	+ 5.3
27	68 Tauri	9	20 1.53	+ 0.24	− 3.02	21 7 59.80	46.522	+ 6.36	+ 22.3	4 19 58.75	− 2.71	+17 42 28.7	+ 0.1
28	1 Camelopardalis	.	.. ..	....	....	345 9 59.02	44.428	+ 6.36	− 15.1	4 24	.....	+53 41 54.7	+12.3
	September 17, T.												
29	Sun I, S	8	38 14.80	+ 0.11	− 3.04	36 52 0.12	45.225	+ 6.65	+ 41.4	11 38 11.87	+63.99	+ 1 58 38.0	....
30	Sun II, N	9	40 22.78	+ 0.11	− 3.04	36 20 0.38	45.612	+ 6.65	+ 40.6	11 40 19.85	−63.99	+ 2 30 30.9	....
31	Venus I, C	9	52 15.31	+ 0.07	− 3.04	43 30 1.70	43.400	+ 6.31	+ 52.3	12 52 12.34	+ 0.41	− 4 38 51.8	....
32	Venus II	9	52 16.09	+ 0.07	− 3.04	... .	......	....	. ....	12 52 13.12	− 0.37	.. ..	....
33	3 H. Scuti	9	30 4.48	+ 0.01	− 3.12	47 7 59.15	47.510	+ 5.45	+ 59.9	18 30 1.43	.....	− 8 18 29.9	....
34	4 H. Scuti	9	37 6.51	0.00	− 2.97	47 58 3.70	47.252	+ 5.45	+1 1.7	18 37 3.45	.....	− 9 8 30.3	....
35	Moon I, S	9	43 47.89	− 0.08	− 3.06	57 59 58.25	44.324	+ 5.45	+1 28.9	18 43 44.75	+66.21	−19 9 45.2	....
36	θ Serpentis	9	51 32.20	+ 0.10	− 3.15	34 45 59.42	44.515	+ 5.45	+ 38.7	18 51 29.24	.....	+ 4 4 59.4	....
37	ε Aquilæ	9	55 21.04	+ 0.18	− 3.06	23 53 58.68	46.182	+ 5.45	+ 24.8	18 55 18.16	.....	+14 56 36.2	....
38	λ Aquilæ	9	1 14.83	+ 0.03	− 3.08	43 51 59.98	44.800	+ 5.45	+ 53.6	19 1 11.80	.....	− 5 1 22.5	....
39	d Sagittarii	9	12 6.98	− 0.08	− 3.04	57 57 59.88	42.968	+ 5.45	+1 29.0	19 12 3.84	.....	−19 7 15.9	....
40	δ Aquilæ	9	20 44.96	+ 0.09	− 3.03	35 55 58.55	42.620	+ 5.45	+ 40.5	19 20 41.99	.....	+ 2 55 41.8	....
	September 17, Sk.												
41	α² Capricorni	6	12 49.63	− 0.03	− 3.01	51 39 59.10	46.498	+ 5.45	+1 10.9	20 12	.....	−12 50 17.8	....
42	ρ Capricorni	9	23 29.18	− 0.07	− 3.01	56 57 58.10	44.121	+ 5.45	+1 26.2	20 23	.....	−18 7 37.6	....
43	B. D. −15°5731	9	31 57.97	− 0.04	− 3.03	53 53 57.70	45.155	+ 5.45	+1 16.9	20 31 54.90	− 2.96	−15 3 51.8	−19.0
44	19 Capricorni	9	49 28.52	− 0.07	− 2.99	57 5 58.40	47.582	+ 5.45	+1 26.7	20 49	.....	−18 16 57.5	....
45	ε Capricorni	9	31 48.64	− 0.09	− 3.05	58 43 58.00	43.462	+ 5.45	+1 32.4	21 31	.....	−19 53 28.7	....
46	B. D. −15°6042	9	37 26.71	− 0.04	− 3.03	54 1 57.65	46.865	+ 5.45	+1 17.5	21 37 23.64	− 3.11	−15 12 31.4	−20.9
47	Mayer 911	9	57 1.08	− 0.07	− 3.02	57 11 58.45	43.871	+ 5.45	+1 27.2	21 57	.....	−18 21 33.3	....
48	ι Aquarii	9	1 21.40	− 0.04	− 3.05	53 9 58.25	45.122	+ 5.45	+1 15.1	22 1	.....	−14 19 49.6	....
49	50 Aquarii	9	19 24.78	− 0.03	− 3.05	52 49 59.50	47.275	+ 5.45	+1 14.3	22 19	.....	−14 0 39.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 0 23	.....	....	57.5
0 49	29.86	58.5	57.2
1 53	29.86	57.0	56.5
2 17	.....	....	56.0
2 56	29.85	57.0	55.5
3 20	.....	....	55.0
4 0	29.86	55.5	54.5
4 34	29.87	55.5	53.8
17 11 40	29.94	73.9	75.0
12 52	30.02	76.5	77.0
18 27	29.96	72.0	71.0
18 58	.....	....	69.5
19 16	29.91	70.0	69.0
20 3	29.92	67.9	66.7
20 35	29.91	67.2	66.2
21 11	29.91	66.8	65.8
21 40	29.91	66.0	65.0
22 21	29.90	65.1	64.0

Micrometer bisections are made at II, VI, except as noted below.

8.	Z. D. threads A used.
8, 31, 42, 44, 45, 47–49.	Bisections at I, II, VI, VII.
22.	Bisections at VI.
23, 28, 30, 37.	Bisections at VI, VII.
29.	Bisections at I, II.
35.	Bisections at II, III, IV, V, VI.
41.	Bisections at I, II, VI.
43.	Bisection at II.
46.	Bisection at I.

Notes.

8. Micrometer reading decreased 3 rev.
12–28. Conditions poor.
35. Micrometer reading decreased 1 rev.
41–49. These observations were made and reduced like those published in Volume II and the results have been included with those of that volume in forming the Washington A. G. Catalogue. The adopted equator point is + 38° 55′ 16″.4.
42. Circle reading increased 8′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 1.0	.. ....	...	+ 1.0
29	+ 5.2	+15 56.4	...	+16 1.6
30	+ 5.2	−15 56.5	...	−15 51.3
31	+ 3.8	.. ....	0.0	+ 3.8
35	+46 59.4	+15 9.7	...	+62 9.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	September 19, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	45 25.32	+ 0.13	− 2.98	37 37 55.82	46.890	+ 6.05	+ 42.2	11 45 22.47	+63.98	+ 1 12 4.1	....
2	Sun II, N.	9	47 33.28	+ 0.13	− 2.98	37 5 58.70	47.120	+ 6.05	+ 41.4	11 47 30.43	−63.98	+ 1 43 58.0	....
3	Venus I, C.	9	1 18.14	0.00	− 2.98	44 29 59.02	45.920	+ 6.50	+ 53.6	13 1 15.16	+ 0.34	− 5 39 48.2	....
4	Venus II.	9	1 18.79	0.00	− 2.98	... .	......	....	. ....	13 1 15.81	− 0.31	.. ..	....
	September 21, M.												
5	Sun I, N.	9	52 35.89	+ 0.07	− 3.04	37 51 59.58	48.508	+ 5.38	+ 44.6	11 52 32.92	+64.05	+ 0 57 21.6	....
6	Sun II, S.	8	54 43.99	+ 0.07	− 3.04	38 23 58.15	48.370	+ 5.38	+ 45.4	11 54 41.02	−64.05	+ 0 25 26.6	....
7	Venus I, C.	9	10 22.49	+ 0.02	− 3.04	45 30 2.10	46.966	+ 5.45	+ 58.0	13 10 19.47	+ 0.35	− 6 40 18.5	....
8	Venus II.	9	10 23.16	+ 0.02	− 3.04	... .	......	....	. ....	13 10 20.14	− 0.32	.. ..	....
9	γ Aquilæ.	9	41 47.11	+ 0.15	− **3.02**	28 28 1.52	44.482	+ 5.14	+ 31.4	19 41 44.21	.....	+10 23 5.7	....
10	166 B. Camelopardalis S. P.	8	48 48.53	− 0.98	− 3.05	293 3 56.62	44.494	+ 5.18	−2 14.6	7 48 44.50	.....	+74 10 3.6	....
11	4 B. Ursæ Minoris S. P.	8	2 31.09	−16.88	− 3.05	307 47 55.55	44.032	+ 5.26	−1 14.3	8 2 11.16	.....	+88 54 51.6	....
12	α^2 Capricorni.	9	12 49.71	− 0.03	− **3.09**	51 40 0.55	46.350	+ 5.31	+1 13.3	20 12 46.63	.....	−12 50 17.7	....
13	γ Cygni.	9	18 52.27	+ 0.40	− 3.05	358 54 0.48	45.145	+ 5.34	− 1.0	20 18 49.62	.....	+39 57 23.8	....
14	ρ Capricorni.	9	23 29.21	− 0.08	− **3.04**	56 58 1.55	43.878	+ 5.36	+1 29.0	20 23 26.08	.....	−18 7 38.2	....
15	212 H^1. Draconis.	9	30 31.14	+ 1.16	− 3.05	326 39 56.48	43.030	+ 5.41	− 38.0	20 30 29.25	.....	+72 12 52.9	....
16	υ Capricorni.	9	34 41.29	− 0.08	− 3.05	57 18 2.25	45.730	+ 5.43	+1 30.2	20 34 38.16	.....	−18 28 22.5	....
17	ε Aquarii.	9	42 34.81	0.00	− **3.08**	48 40 2.78	47.230	+ 5.47	+1 5.9	20 42 31.76	.....	− 9 50 33.1	....
18	76 Draconis.	9	49 41.41	+ 2.51	− 3.05	316 41 56.02	43.321	+ 5.51	− 54.4	20 49 40.87	.....	+82 11 3.0	....
19	θ Capricorni.	9	0 39.28	− 0.07	− **3.06**	56 26 0.70	46.462	+ 5.57	+1 27.4	21 0 36.16	.....	−17 36 35.1	....
20	ν Aquarii.	9	4 28.09	− 0.02	− **3.15**	50 36 1.62	43.830	+ 5.59	+1 10.6	21 4 25.02	.....	−11 45 19.1	....
21	Saturn I, C.	5	11 10.03	− 0.07	− 3.05	56 20 1.10	47.852	+ 5.63	+1 27.0	21 11 6.91	+ 0.64	−17 29 31.6	....
22	Saturn II.	5	11 11.31	− 0.07	− 3.05	... .	......	....	. ....	21 11 8.19	− 0.64	.. ..	....
23	α Cephei.	9	16 23.39	+ 0.76	− 3.05	336 39 57.65	46.840	+ 5.65	− 24.9	21 16 21.10	.....	+62 11 11.4	....
24	1 H. Draconis S. P.	7	23 27.67	− 2.08	− 3.05	300 37 55.30	44.484	+ 5.69	−1 37.5	9 23 22.54	.....	+81 44 39.6	....
25	74 Cygni.	9	33 11.95	+ 0.40	− 3.05	358 51 59.32	45.240	+ 5.75	− 1.1	21 33 9.30	.....	+39 59 22.4	....
26	11 Cephei.	9	40 38.08	+ 1.08	− 3.05	327 59 58.32	43.578	+ 5.79	− 36.2	21 40 36.11	.....	+70 52 36.1	....
27	109 B. Ursæ Majoris S. P.	9	49 50.87	− 0.92	− 3.05	292 13 55.60	44.130	+ 5.84	−2 20.8	9 49 46.90	.....	+73 19 48.7	....
28	η Piscis Australis (*mean*).	9	55 25.90	− 0.19	− 3.05	67 44 1.18	44.115	+ 5.87	+2 21.4	21 55 22.66	− 3.21	−28 54 36.1	−18.2
29	α Aquarii.	9	0 57.29	+ 0.06	− **3.01**	39 38 2.05	43.510	+ 5.90	+ 48.2	22 0 54.30	.....	− 0 46 50.1	....
30	Moon I, S.	9	6 41.59	− 0.01	− 3.05	49 32 1.28	46.998	+ 5.93	+1 8.3	22 6 38.53	+61.86	−10 42 29.2	....
	September 21, T.												
31	57 B. Ursæ Minoris S. P.	7	7 27.94	− 8.49	− 3.20	306 29 55.32	42.993	+ 5.12	−1 20.2	15 7 16.25	.....	+87 36 22.3	....
32	ο Tauri.	9	19 44.74	+ 0.20	− **3.23**	30 7 58.60	48.518	+ 5.17	+ 34.7	3 19 41.74	.....	+ 8 41 33.1	....
33	ε Eridani.	9	28 30.10	+ 0.05	− **3.18**	48 36 1.72	47.960	+ 5.20	+1 7.8	3 28 26.95	.....	− 9 46 50.4	....
34	149 H^1. Cephei.	8	35 41.54	+ 5.96	− 3.20	312 31 53.40	45.378	+ 5.23	−1 4.8	3 35 44.30	− 2.96	+86 20 29.3	+14.0
35	ζ Ursæ Minoris S. P.	9	47 26.85	− 1.58	− 3.20	296 59 54.25	42.972	+ 5.28	−1 56.4	15 47 22.07	.....	+78 5 43.4	....
36	τ^9 Eridani.	8	55 55.40	− 0.08	− 3.20	63 5 59.75	46.545	+ 5.31	+1 57.6	3 55 52.12	− 2.21	−24 17 5.9	−13.6
37	151 H^1. Cephei.	9	6 35.11	+ 4.74	− 3.20	313 33 55.05	47.044	+ 5.36	−1 2.6	4 6 36.65	.....	+85 17 47.2	....
38	212 G. Eridani.	9	16 33.11	− 0.04	− 3.20	59 42	......	....	. ....	4 16 29.87	− 2.16	−20 51	....
39	ε Tauri.	9	23 6.40	+ 0.29	− **3.19**	19 51 58.22	47.788	+ 5.42	+ 21.7	4 23 3.49	.....	+18 58 2.8	....
40	ρ Tauri.	9	28 29.59	+ 0.25	− 3.20	24 11 58.68	46.155	+ 5.44	+ 27.0	4 28 26.64	− 2.74	+14 38 34.4	− 0.7
41	70 B. Ursæ Minoris S. P.	9	34 45.67	− 1.55	− 3.20	296 31 53.42	45.582	+ 5.47	−1 59.1	16 34 40.92	+ 4.67	+77 38 39.8	−22.1
42	μ Eridani.	9	40 47.53	+ 0.12	− **3.19**	42 15 59.52	45.745	+ 5.49	+ 54.6	4 40 44.45	.....	− 3 25 44.7	....
43	ε Ursæ Minoris S. P.	9	55 44.93	− 2.62	− 3.20	301 5 52.42	43.498	+ 5.55	−1 39.0	16 55 39.11	.....	+82 12 10.7	....
44	β Eridani.	9	3 13.08	+ 0.11	− **3.17**	44 2 5.10	47.520	+ 5.58	+ 58.1	5 3 9.99	.....	− 5 12 34.4	....
45	μ Leporis.	9	8 42.28	+ 0.02	− 3.20	55 8 2.02	47.635	+ 5.60	+1 26.2	5 8 39.10	− 1.97	−16 19 2.1	− 7.6
46	τ Orionis.	9	13 1.86	+ 0.10	− **3.13**	45 48 4.98	42.780	+ 5.62	+1 1.8	5 12 58.76	.....	− 6 56 49.7	....
	September 22, T.												
47	Sun I, N.	8	56 11.26	+ 0.26	− 3.18	38 16 5.35	46.408	+ 6.85	+ 46.4	11 56 8.34	+63.96	+ 0 34 0.6	....
48	Sun II, S.	9	58 19.17	+ 0.26	− 3.18	38 48 2.12	46.382	+ 6.85	+ 47.3	11 58 16.25	−63.95	+ 0 2 4.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 11 48	29.95	80.0	80.0
13 1	29.93	81.1	81.1
21 11 55	30.10	61.5	59.5
13 10	30.10	63.5	61.8
19 37	30.13	57.7	54.9
20 6	......	....	54.0
20 38	30.14	55.3	54.0
20 55	......	....	53.7
21 11	30.14	55.0	53.2
21 47	......	....	52.7
22 13	30.16	53.8	51.9
3 16	30.27	46.0	42.0
3 44	......	....	41.5
4 21	[illegible]	43.5	40.5
4 46	......	....	39.5
5 17	30.30	42.0	39.0
22 11 58	30.36	53.2	51.0

Micrometer bisections are made at II, VI, except as noted below.

1, 5, 47.	Bisections at I, II.
2, 6, 12, 35, 41, 43, 48.	Bisections at VI, VII.
3, 7, 14, 16, 21, 28.	Bisections at I, II, VI, VII.
10, 18, 24.	Bisections a b_1, b_2, b_5, b_8, b_9.
11.	Bisections at b_1, b_2, b_3, b_4, b_5.
13, 15, 23, 27.	Bisections at III, V.
21.	Z. D. threads C used.
30.	Bisections at II, III, IV, V, VI.
31.	Bisections at b_3, b_4, b_5, b_6, b_7.
34.	Bisections at b_2, b_4, b_5, b_6, b_8.
37.	Bisections at b_1, b_3, b_5, b_7, b_9.

Note.

15–17, 31–46. Conditions poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 5.3	+15 57.0	...	+16 2.3
2	+ 5.3	−15 56.9	...	−15 51.6
3	+ 3.9	.. ....	0.0	+ 3.9
5	+ 5.4	−15 57.5	...	−15 52.1
6	+ 5.4	+15 57.5	...	+16 2.9
7	+ 4.0	.. ....	0.0	+ 4.0
21	+ 0.8	.. ....	...	+ 0.8
30	+41 0.2	+14 45.1	...	+55 45.3
47	+ 5.4	−15 57.9	...	−15 52.5
48	+ 5.5	+15 57.9	...	+16 3.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, C	9	14 55.34	+ 0.22	− 3.18	46 0 3.52	46.973	+ 5.77	+1 0.6	13 14 52.38	+ 0.46	− 7 10 23.2	....
2	Venus II	8	14 56.21	+ 0.22	− 3.18	... .	......	....	. ....	13 14 53.25	− 0.41	.. ..	....
	September 22, Sk.												
3	α^2 Capricorni	9	12 49.54	+ 0.07	− **3.11**	51 39 57.35	46.391	+ 6.10	+1 14.8	20 12	.....	−12 50 18.0	....
4	ρ Capricorni	9	23 29.12	+ 0.03	− **3.12**	56 57 53.05	44.098	+ 6.10	+1 30.9	20 23	.....	−18 7 37.1	....
5	B. D. −15°5731	9	31 57.86	+ 0.06	− 3.08	53 54 1.95	44.785	+ 6.10	+1 21.1	20 31 54.84	− 2.89	−15 3 52.5	−18.8
6	19 Capricorni	9	49 28.42	+ 0.03	− **3.05**	57 6 1.95	47.192	+ 6.10	+1 31.5	20 49	.....	−18 16 57.6	....
7	ε Capricorni	9	31 48.49	+ 0.01	− **3.04**	58 44 2.90	43.022	+ 6.10	+1 37.5	21 31	.....	−19 53 29.3	....
8	B. D. −15°6042	9	37 26.68	+ 0.06	− 3.08	54 2 1.35	46.525	+ 6.10	+1 21.7	21 37 23.66	− 3.07	−15 12 32.3	−20.6
9	Mayer 911	9	57 1.00	+ 0.03	− **3.07**	57 12 2.40	43.459	+ 6.10	+1 32.0	21 57	.....	−18 21 33.3	....
10	ι Aquarii	9	1 21.34	+ 0.06	− **3.11**	53 10 1.75	44.748	+ 6.10	+1 19.2	22 1	.....	−14 19 49.3	....
11	50 Aquarii	9	19 24.69	+ 0.06	− **3.07**	52 50 1.55	46.998	+ 6.10	+1 18.4	22 19	.....	−14 0 39.7	....
	September 22, T.												
12	Moon I, S	9	53 58.32	+ 0.20	− 3.16	46 4 4.38	43.941	+ 6.10	+1 1.7	22 53 55.36	+61.24	− 7 13 16.0	....
13	β Pegasi	4	59 13.45	+ 0.49	− **3.23**	11 18 3.90	42.620	+ 6.10	+ 11.9	22 59 10.78	.....	+27 34 4.6	....
14	λ Andromedæ	9	32 58.56	+ 0.70	− 3.16	352 54 3.38	47.325	+ 6.10	− 7.3	23 32 56.10	.....	+45 56 36.5	....
15	3 Draconis s. P.	9	37 8.86	− 0.65	− 3.16	286 11 57.18	42.930	+ 6.10	−3 21.4	11 37 5.05	.....	+67 16 22.3	....
16	41 H. Cephei	9	43 27.36	+ 1.24	− 3.16	331 33 57.62	48.432	+ 6.10	− 32.1	23 43 25.44	.....	+67 16 41.5	....
17	ω Piscium	9	54 29.06	+ 0.31	− **3.15**	32 32 4.38	41.030	+ 6.10	+ 37.9	23 54 26.21	.....	+ 6 20 14.0	....
18	2 Ceti	9	58 55.56	+ 0.10	− **3.15**	56 42 4.00	44.430	+ 6.10	+1 30.4	23 58 52.50	.....	−17 51 55.5	....
19	β Cassiopeiæ	9	4 10.67	+ 0.94	− 3.16	340 13 59.58	45.808	+ 6.10	− 21.3	0 4 8.45	.....	+58 37 29.0	....
20	6 B. Ursæ Minoris s. P.	8	13 43.38	−12.40	− 3.16	307 7 56.62	41.188	+ 6.10	−1 18.3	12 13 27.82	.....	+88 13 44.9	....
21	12 Ceti	9	25 14.52	+ 0.22	− **3.16**	43 20 4.65	43.462	+ 6.10	+ 56.2	0 25 11.58	.....	− 4 28 59.8	....
22	δ Andromedæ	7	34 18.06	+ 0.51	− 3.16	8 30 1.98	47.288	+ 6.10	+ 9.0	0 34 15.41	.....	+30 20 22.5	....
23	ο Cassiopeiæ	9	39 29.30	+ 0.73	− 3.16	351 6 4.30	44.332	+ 6.10	− 9.3	0 39 26.87	.....	+47 45 45.9	....
24	20 Ceti	9	48 12.27	+ 0.24	− **3.24**	40 30 2.90	45.498	+ 6.10	+ 51.0	0 48 9.35	.....	− 1 39 39.4	....
25	43 H. Cephei	8	55 58.06	+ 5.59	− 3.16	313 7 56.08	44.756	+ 6.10	−1 3.4	0 56 0.49	.....	+85 44 38.5	....
26	ζ^1 Piscium	8	8 48.99	+ 0.31	− **3.06**	31 46 2.42	46.145	+ 6.10	+ 37.0	1 8 46.14	.....	+ 7 4 20.0	....
27	υ Piscium	9	14 17.76	+ 0.48	− **3.24**	12 6 2.88	43.420	+ 6.10	+ 12.8	1 14 15.08	.....	+26 45 46.2	....
28	Jupiter I, C	5	47 38.47	+ 0.33	− 3.16	29 24 1.60	42.048	+ 6.10	+ 33.7	1 47 35.64	+ 1.61	+ 9 26 15.1	....
29	Jupiter II	5	47 41.69	+ 0.33	− 3.16	... .	......	....	. ....	1 47 38.86	− 1.61	.. ..	....
	September 22, M.												
30	ρ Ceti	9	21 24.43	+ 0.16	− 3.03	51 34 3.60	43.110	+ 6.82	+1 15.3	2 21 21.56	− 2.82	−12 43 10.5	−16.1
31	σ Ceti	9	27 37.91	+ 0.14	− 3.03	54 30 4.65	44.158	+ 6.82	+1 23.8	2 27 35.02	.....	−15 39 44.0	....
32	142 H^1. Cephei	9	34 9.42	+ 2.56	− 3.03	317 50 1.10	44.712	+ 6.82	− 54.0	2 34 8.95	−14.52	+81 2 24.4	+ 5.4
33	35 Arietis	9	37 55.13	+ 0.47	− 3.03	11 32 8.72	47.848	+ 6.82	+ 12.3	2 37 52.57	− 3.59	+27 17 59.0	− 6.4
34	39 Arietis	9	42 17.56	+ 0.48	− 3.03	9 59 57.12	45.875	+ 6.82	+ 10.6	2 42 15.01	− 3.63	+28 50 57.6	− 5.6
35	σ Arietis	9	46 17.33	+ 0.36	− **3.01**	24 9 59.80	44.100	+ 6.82	+ 26.9	2 46 14.66	.....	+14 41 19.0	....
36	η Eridani	9	51 49.85	+ 0.19	− **3.02**	48 6 2.12	47.385	+ 6.82	+1 6.8	2 51 47.01	.....	− 9 16 38.3	....
37	2 H. Ursæ Minoris s. P.	9	56 4.28	− 0.51	− 3.03	285 13 52.45	45.567	+ 6.82	−3 35.5	14 56 0.74	+ 2.55	+66 19 4.7	−11.8
38	ι Persei	9	2 14.98	+ 0.72	− 3.03	349 35 59.15	47.290	+ 6.82	− 10.9	3 2 12.67	− 4.52	+49 14 44.4	+ 1.8
39	94 Ceti	9	7 58.05	+ 0.25	− 3.03	40 23 59.10	44.288	+ 6.82	+ 51.0	3 7 55.27	− 2.82	− 1 33 8.7	−11.2
40	ζ Eridani	9	11 15.73	+ 0.19	− 3.03	48 0 0.55	46.885	+ 6.82	+1 6.5	3 11 12.89	− 2.68	− 9 10 25.0	−12.8
41	τ^1 Arietis	9	15 46.87	+ 0.41	− **3.02**	18 1 57.70	47.665	+ 6.82	+ 19.6	3 15 44.25	.....	+20 48 6.9	....
42	ε Eridani	9	28 29.86	+ 0.18	− **3.05**	48 36 0.88	47.900	+ 6.82	+1 8.0	3 28 27.01	.....	− 9 46 50.0	....
43	θ Ursæ Minoris s. P.	9	34 13.08	− 1.32	− 3.03	296 33 52.38	44.820	+ 6.82	−1 59.0	15 34 8.73	+ 6.22	+77 40 24.0	−15.6
44	ο Persei	9	38 23.77	+ 0.51	− 3.03	6 51 56.95	45.875	+ 6.82	+ 7.3	3 38 21.25	− 3.50	+31 59 0.8	+ 0.6
45	27 Tauri	9	43 32.90	+ 0.44	− 3.03	15 5 58.40	43.932	+ 6.82	+ 16.2	3 43 30.31	− 3.22	+23 45 35.1	− 1.5
46	9 H. Camelopardalis	9	49 4.04	+ 0.94	− 3.03	338 1 54.85	46.038	+ 6.82	− 24.1	3 49 1.95	.....	+60 49 30.4	....
47	λ Tauri	9	55 27.20	+ 0.35	− **3.01**	26 37 59.42	44.335	+ 6.82	+ 30.2	3 55 24.52	.....	+12 13 10.7	....
48	ψ Tauri	9	1 10.05	+ 0.48	− 3.03	10 5 55.75	47.220	+ 6.82	+ 10.8	4 1 7.50	− 3.27	+28 44 27.7	+ 1.6
49	μ Persei	9	7 57.12	+ 0.70	− 3.03	350 41 58.00	44.595	+ 6.82	− 9.8	4 7 54.79	− 4.03	+48 9 46.0	+ 8.3
50	54 Persei	9	14 16.38	+ 0.54	− 3.03	4 29 56.60	48.680	+ 6.82	+ 4.8	4 14 13.89	− 3.38	+34 19 59.5	+ 4.5
51	68 Tauri	9	20 1.58	+ 0.39	− 3.03	21 8 0.00	46.430	+ 6.82	+ 23.3	4 19 58.94	− 2.88	+17 42 29.1	− 0.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 13 15	30.34	55.5	52.5
20 5	30.33	48.4	47.1
20 40	30.33	48.1	46.6
21 28	30.33	47.5	46.0
22 15	30.33	46.6	45.2
22 50	30.34	46.5	45.0
23 24	.....	....	43.5
23 50	30.33	45.5	45.0
0 23	.....	....	44.0
1 5	30.33	44.5	43.0
1 48	30.32	43.5	42.2
2 19	30.32	43.5	41.7
2 52	.....	....	41.4
3 20	30.32	42.3	41.0
4 3	.....	....	39.6

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at I, II, VI.
3, 6, 7, 9–11, 28. Bisections at I, II, VI, VII.
4, 13, 19, 34, 45. Bisections at VI, VII.
5, 8. Bisection at I.
12. Bisections at II, III, IV, V, VI.
17. Bisections at I, II.
20. Bisections at b_1, b_3, b_5, b_7.
25. Bisections at b_1, b_3, b_5, b_7, b_9.
26. Bisection at II.
28. Z. D. threads A used.
32, 37, 43. Bisections at III, IV, V.

Notes.

3–11. These observations were made and reduced like those published in Volume II and the results have been included with those of that volume in forming the Washington A. G. Catalogue. The adopted equator point is +38° 55′ 16″. 2.

25. Right ascension observed chronographically.

27. Circle reading decreased 10′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 4.0	.. ....	0.0	+ 4.0
12	+38 44.9	+14 44.2	...	+53 29.1
28	+ 1.1	.. ....	...	+ 1.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	1 Camelopardalis	9	24 31.86	+ 0.79	− 3.03	345 9 56.20	44.530	+ 6.82	− 15.8	4 24 29.62	− 4.25	+53 41 55.3	+11.5
2	υ⁷ Eridani	9	31 54.12	− 0.02	− 3.03	69 33 58.10	45.355	+ 6.82	+2 40.2	4 31 51.07	− 1.94	−30 45 20.9	−13.0
3	258 G. Eridani	9	36 12.20	+ 0.05	− 3.03	63 29 58.70	43.660	+ 6.82	+2 0.0	4 36 9.22	− 2.02	−24 40 2.9	−11.5
4	μ Eridani	9	40 47.24	+ 0.23	− **2.98**	42 15 59.48	45.748	+ 6.82	+ 54.6	4 40 44.44	.....	− 3 25 46.0	....
	September 23, M.												
5	Sun I, S	9	59 46.58	+ 0.24	− 3.07	39 11 58.15	44.820	+ 6.90	+ 47.1	11 59 43.75	+64.09	− 0 21 16.7	....
6	Sun II, N	9	1 54.77	+ 0.24	− 3.07	38 39 57.88	45.118	+ 6.90	+ 46.2	12 1 51.94	−64.10	+ 0 10 38.9	....
7	Venus I, C	9	19 28.97	+ 0.18	− 3.07	46 30 1.05	46.724	+ 6.78	+1 0.7	13 19 26.08	+ 0.37	− 7 40 15.9	....
8	Saturn I, C	5	10 49.96	+ 0.02	− 3.11	56 21 55.90	46.558	+ 6.26	+1 27.5	21 10 46.87	+ 0.61	−17 30 58.0	....
9	Saturn II	5	10 51.17	+ 0.02	− 3.11	... .	......	....	. ....	21 10 48.08	− 0.60	.. ..	....
10	α Cephei	9	16 23.26	+ 0.97	− 3.11	336 39 53.92	46.922	+ 6.26	− 25.0	21 16 21.12	.....	+62 11 12.5	....
11	1 H. Draconis s. P.	9	23 28.42	− 2.56	− 3.11	300 37 51.12	44.618	+ 6.26	−1 37.7	9 23 22.75	.....	+81 44 38.8	....
12	74 Cygni	9	33 11.82	+ 0.53	− 3.11	358 51 55.08	45.380	+ 6.26	− 1.1	21 33 9.24	.....	+39 59 22.9	....
13	11 Cephei	9	40 37.89	+ 1.35	− 3.11	327 59 53.32	43.752	+ 6.26	− 36.3	21 40 36.13	.....	+70 52 37.1	....
14	109 B. Ursæ Majoris s. P.	9	49 51.38	− 1.10	− 3.11	292 13 51.08	44.287	+ 6.26	−2 21.1	9 49 47.17	.....	+73 19 47.9	....
15	η Piscis Australis (*mean*)	9	55 25.77	− 0.10	− 3.11	67 43 58.50	44.241	+ 6.26	+2 21.6	21 55 22.56	− 3.20	−28 54 36.9	−17.9
16	α Aquarii	9	0 57.25	+ 0.16	− **3.08**	39 37 58.62	43.640	+ 6.26	+ 48.3	22 0 54.30	.....	− 0 46 50.2	....
17	π Pegasi	9	5 49.38	+ 0.45	− 3.11	6 7 56.72	46.425	+ 6.26	+ 6.3	22 5 46.72	.....	+32 42 50.0	....
18	32 Ursæ Majoris s. P.	9	11 7.04	− 0.65	− 3.11	284 29 51.82	45.427	+ 6.26	−3 40.4	10 11 3.28	.....	+65 34 55.4	....
19	γ Aquarii	9	16 47.98	+ 0.15	− **3.08**	40 41 58.30	46.385	+ 6.26	+ 50.2	22 16 45.02	.....	− 1 51 54.7	....
20	π Aquarii	9	20 28.52	+ 0.17	− **3.08**	37 55 58.65	47.480	+ 6.26	+ 45.5	22 20 25.58	.....	+ 0 53 44.9	....
21	9 H. Draconis s. P.	8	26 58.01	− 1.36	− 3.11	295 5 52.22	44.282	+ 6,26	−2 3.4	10 26 53.54	.....	+76 12 6.6	....
22	226 B. Cephei	9	30 44.22	+ 1.72	− 3.11	323 7 53.92	44.942	+ 6.26	− 43.5	22 30 42.83	.....	+75 44 16.4	....
23	ε Piscis Australis	9	35 27.23	− 0.08	− 3.11	66 21 57.65	44.058	+ 6.26	+2 12.6	22 35 24.04	.....	−27 32 22.9	....
24	λ Pegasi	9	42 0.47	+ 0.35	− **3.06**	15 47 57.72	42.900	+ 6.26	+ 16.5	22 41 57.71	.....	+23 3 59.4	....
25	λ Aquarii	9	47 42.59	+ 0.10	− **3.10**	46 55 57.48	43.785	+ 6.26	+1 2.3	22 47 39.57	.....	− 8 5 6.3	....
26	6 H¹. Draconis s. P.	8	52 16.70	− 1.62	− 3.12	297 9 51.55	45.550	+ 6.26	−1 52.7	10 52 11.96	.....	+78 16 45.6	....
27	β Pegasi	9	59 13.39	+ 0.39	− **3.07**	11 17 58.30	42.868	+ 6.26	+ 11.7	22 59 10.66	.....	+27 34 4.3	....
28	π Cephei	9	5 0.01	+ 1.60	− 3.12	323 59 53.48	44.450	+ 6.26	− 42.2	23 4 58.49	.....	+74 52 26.8	....
29	5 H¹. Cassiopeiæ	9	8 46.63	+ 0.78	− 3.12	342 11 54.72	48.060	+ 6.26	− 18.6	23 8 44.29	.....	+56 38 39.4	....
30	γ Sculptoris	9	13 44.99	− 0.14	− 3.12	71 51 59.35	43.760	+ 6.26	+2 56.6	23 13 41.73	.....	−33 3 1.8	....
31	υ Pegasi	9	20 41.48	+ 0.34	− **3.09**	15 57 58.08	45.832	+ 6.26	+ 16.7	23 20 38.70	.....	+22 52 51.8	....
32	39 H. Cephei	9	28 15.83	+ 6.80	− 3.12	312 5 53.35	44.053	+ 6.26	−1 4.3	23 28 19.51	.....	+86 46 57.8	....
33	Moon I, N	9	40 37.16	+ 0.14	− 3.12	41 47 57.35	47.135	+ 6.26	+ 52.2	23 40 34.18	+60.96	− 2 58 10.2	....
34	Moon S	.	.. ..	....	....	42 17 58.50	46.228	+ 6.26	+ 53.1	.. ..	.....	− 3 27 55.8	....
	September 23, T.												
35	ε Eridani	9	28 30.18	+ 0.16	− **3.32**	48 35 58.28	48.160	+ 6.43	+1 6.2	3 28 27.08	.....	− 9 46 51.1	....
36	θ Ursæ Minoris s. P.	9	34 13.60	− 1.72	− 3.26	296 33 53.12	44.742	+ 6.43	−1 55.7	15 34 8.62	+ 6.30	+77 40 25.9	−15.4
37	27 Tauri	9	43 33.27	+ 0.45	− 3.26	15 5 57.28	44.022	+ 6.43	+ 15.8	3 43 30.46	− 3.24	+23 45 34.7	− 1.6
38	9 H. Camelopardalis	9	49 4.31	+ 1.04	− 3.26	338 2	......	....	. ....	3 49 2.09	.....	+60 49	....
39	λ Tauri	9	55 27.49	+ 0.34	− **3.26**	26 37 59.42	44.430	+ 6.43	+ 29.3	3 55 24.57	.....	+12 13 9.8	....
40	ψ Tauri	9	1 10.33	+ 0.50	− 3.26	10 5 58.25	47.162	+ 6.43	+ 10.5	4 1 7.57	− 3.30	+28 44 27.3	+ 1.5
41	μ Persei	9	7 57.30	+ 0.76	− 3.26	350 42	......	....	. ....	4 7 54.80	− 4.07	+48 10	....
42	54 Persei	9	14 16.67	+ 0.56	− 3.26	4 29 57.40	48.675	+ 6.43	+ 4.7	4 14 13.97	− 3.40	+34 19 59.3	+ 4.4
43	68 Tauri	9	20 1.91	+ 0.39	− 3.26	21 7 58.00	46.600	+ 6.43	+ 22.6	4 19 59.04	− 2.90	+17 42 28.3	− 0.5
44	1 Camelopardalis	9	24 31.94	+ 0.86	− 3.26	345 9 56.50	44.488	+ 6.43	− 15.4	4 24 29.54	− 4.28	+53 41 56.1	+11.4
45	υ⁷ Eridani	9	31 54.43	− 0.06	− 3.26	69 33 57.52	45.630	+ 6.43	+2 35.7	4 31 51.11	− 1.96	−30 45 22.0	−12.9
46	μ Eridani	9	40 47.64	+ 0.22	− **3.34**	42 15 59.32	45.885	+ 6.43	+ 53.1	4 40 44.60	.....	− 3 25 47.1	....
47	π⁴ Orionis	8	46 11.08	+ 0.29	− 3.26	33 24	......	....	. ....	4 46 8.11	− 2.52	+ 5 26	....
48	k Tauri	9	52 22.59	+ 0.46	− 3.26	13 55 56.78	48.175	+ 6.43	+ 14.6	4 52 19.79	− 2.89	+24 54 1.5	+ 4.4
49	157 H¹. Cephei	7	57 58.69	+ 6.20	− 3.26	313 1 53.42	47.179	+ 6.43	−1 2.2	4 58 1.63	−20.46	+85 49 44.3	+22.0
50	β Orionis	9	10 0.73	+ 0.18	− **3.28**	47 9 59.08	42.652	+ 6.43	+1 2.9	5 9 57.65	.....	− 8 18 42.8	....
51	β Tauri	9	20 18.98	+ 0.50	− **3.30**	10 19 58.05	44.655	+ 6.43	+ 10.7	5 20 16.22	.....	+28 31 24.6	....
52	δ Orionis	9	27 11.39	+ 0.24	− **3.30**	39 13 59.45	42.005	+ 6.43	+ 47.7	5 27 8.37	.....	− 0 22 13.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 4 41	30.31	41.8	40.0
23 12 2	30.33	59.5	59.5
13 19	30.30	60.6	59.9
21 6	30.20	55.0	52.0
21 29	......	....	52.5
22 1	30.19	53.7	52.3
22 39	......	....	52.0
23 18	......	....	51.5
23 45	30.16	52.7	51.5
3 21	30.10	52.0	50.5
3 52	......	....	50.0
4 13	30.09	51.0	50.0
4 34	......	....	50.0
5 4	......	....	50.0
5 24	30.08	50.5	49.5

Micrometer bisections are made at II, VI, except as noted below.

2, 6, 44.	Bisections at VI, VII.
5, 19.	Bisections at I, II.
7, 8, 15, 23, 30.	Bisections at I, II, VI, VII.
8.	Z. D. threads O used.
11, 32.	Bisections at b_1, b_2, b_5, b_8, b_9.
13, 22, 28.	Bisections at III, V.
14, 18, 21, 26, 36.	Bisections at III, IV, V.
33.	Bisections at I, II, III.
34.	Bisections at V, VI.
49.	Bisections at b_3, b_5, b_7, b_9.

Notes.

15. Poor; assumed that mean was observed.
18. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 5.5	+15 57.8	...	+16 3.3
6	+ 5.5	−15 57.8	...	−15 52.3
7	+ 4.1	.. ....	0.0	+ 4.1
8	+ 0.8	.. ....	...	+ 0.8
33	+35 53.3	−14 42.9	+ 1.2	+21 11.6
34	+36 14.3	+14 42.9	...	+50 57.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	September 24, T.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	3 22.66	+ 0.27	− 3.25	39 35 56.65	43.328	+ 6.67	+ 46.5	12 3 19.68	+64.01	− 0 44 40.3	....
2	Sun II, N.	9	5 30.68	+ 0.27	− 3.25	39 3 56.00	43.705	+ 6.67	+ 45.6	12 5 27.70	−64.01	− 0 12 46.1	....
	September 25, M.												
3	γ Sculptoris	9	13 45.17	− 0.25	− 3.14	71 51 57.10	44.259	+ 6.70	+2 48.0	23 13 41.78	.....	−33 3 2.8	....
4	υ Pegasi	9	20 41.66	+ 0.19	− **3.12**	15 57 57.75	45.840	+ 6.70	+ 16.0	23 20 38.71	.....	+22 52 52.2	....
5	39 H. Cephei	8	28 17.46	+ 5.18	− 3.14	312 6	......	....	. ....	23 28 19.50	.....	+86 46	....
6	3 Draconis s. P.	9	37 9.03	− 0.55	− 3.14	286 11 49.38	42.630	+ 6.70	−3 8.5	11 37 5.34	.....	+67 16 21.4	....
7	41 H. Cephei	9	43 27.79	+ 0.79	− 3.14	331 33 53.50	48.435	+ 6.70	− 30.1	23 43 25.44	.....	+67 16 43.3	....
8	Groombridge 4163	9	50 19.54	+ 1.10	− 3.14	324 59 54.02	43.230	+ 6.70	− 38.9	23 50 17.50	.....	+73 52 50.4	....
9	ω Piscium	9	54 29.30	+ 0.08	− **3.15**	32 31 57.12	41.465	+ 6.70	+ 35.6	23 54 26.24	.....	+ 6 20 13.3	....
10	2 Ceti	9	58 55.76	− 0.10	− **3.14**	56 41 56.82	44.968	+ 6.70	+1 24.9	23 58 52.52	.....	−17 51 55.4	....
11	β Cassiopeiæ	9	4 10.92	+ 0.57	− 3.14	340 13 54.75	45.928	+ 6.70	− 20.0	0 4 8.35	.....	+58 37 29.0	....
12	6 B. Ursæ Minoris s. P.	9	13 40.22	− 9.01	− 3.14	307 7 51.88	41.097	+ 6.70	−1 13.5	12 13 28.07	.....	+88 13 43.1	....
13	12 Ceti	9	25 14.73	0.00	− **3.13**	43 19 58.52	43.780	+ 6.70	+ 52.7	0 25 11.59	.....	− 4 28 58.1	....
14	κ Draconis s. P.	9	29 23.62	− 0.66	− 3.14	289 13 52.45	42.640	+ 6.70	−2 38.1	12 29 19.82	.....	+70 18 55.1	....
15	δ Andromedæ	9	34 18.27	+ 0.25	− 3.14	8 29 58.38	47.428	+ 6.70	+ 8.4	0 34 15.38	.....	+30 20 22.9	....
16	ο Cassiopeiæ	9	39 29.62	+ 0.42	− 3.14	351 5 57.68	44.580	+ 6.70	− 8.7	0 39 26.90	.....	+47 45 45.7	....
17	147 B. Piscium	9	43 27.29	+ 0.07	− 3.14	34 3 59.45	43.215	+ 6.70	+ 37.8	0 43 24.22	.....	+ 4 47 28.8	....
18	20 Ceti	9	48 12.47	+ 0.02	− **3.20**	40 29 59.00	45.745	+ 6.70	+ 47.8	0 48 9.35	.....	− 1 39 38.6	....
19	43 H. Cephei	9	55 58.83	+ 3.94	− 3.14	313 7 54.05	44.612	+ 6.70	− 59.4	0 55 59.63	.....	+85 44 39.1	....
20	ζ^1 Piscium	9	8 49.27	+ 0.08	− **3.10**	31 45 56.98	46.485	+ 6.70	+ 34.7	1 8 46.21	.....	+ 7 4 19.3	....
21	Moon II, N.	9	16 8.89	+ 0.07	− 3.14	34 3 59.18	46.516	+ 6.70	+ 37.8	1 16 5.82	−61.56	+ 4 46 13.6	....
22	Jupiter I, C.	5	46 26.54	+ 0.10	− 3.14	29 29 58.12	45.320	+ 6.70	+ 31.7	1 46 23.50	+ 1.62	+ 9 19 5.2	....
23	Jupiter II	5	46 29.78	+ 0.10	− 3.14	... .	......	....	. ....	1 46 26.74	− 1.62	.. ..	....
	September 26, M.												
24	Sun I, N.	9	10 34.34	+ 0.04	− 3.18	39 50 0.22	45.440	+ 7.08	+ 45.9	12 10 31.20	+64.10	− 0 59 31.9	....
25	Sun II, S.	9	12 42.53	+ 0.04	− 3.18	40 21 59.88	45.272	+ 7.08	+ 46.7	12 12 39.39	−64.09	− 1 31 27.3	....
26	Venus I, C.	9	33 13.34	− 0.02	− 3.18	48 0 2.91	43.352	+ 6.68	+1 0.5	13 33 10.14	+ 0.37	− 9 9 0.4	....
27	ρ Capricorni	9	23 29.30	− 0.13	− **3.15**	56 57 59.30	44.150	+ 6.12	+1 24.7	20 23 25.95	.....	−18 7 38.7	....
28	212 H¹. Draconis	9	30 31.03	+ 0.93	− 3.22	326 39 54.42	42.947	+ 6.12	− 36.2	20 30 28.74	.....	+72 12 54.4	....
29	υ Capricorni	9	34 41.38	− 0.13	− 3.22	57 17 58.42	46.040	+ 6.12	+1 25.9	20 34 38.03	.....	−18 28 21.9	....
30	θ Capricorni	9	0 39.45	− 0.12	− **3.24**	56 25 56.78	46.855	+ 6.12	+1 23.3	21 0 36.11	.....	−17 36 36.6	....
31	ν Aquarii	9	4 28.19	− 0.08	− **3.24**	50 35 58.25	44.135	+ 6.12	+1 7.3	21 4 24.89	.....	−11 45 19.9	....
32	Saturn I, C.	5	10 22.80	− 0.12	− 3.22	56 23 58.25	46.585	+ 6.12	+1 23.1	21 10 19.46	+ 0.60	−17 32 56.4	....
33	Saturn II.	5	10 24.00	− 0.12	− 3.22	... .	......	....	. ....	21 10 20.66	− 0.60	.. ..	....
34	α Cephei	8	16 23.59	+ 0.59	− 3.22	336 39 54.58	46.818	+ 6.12	− 23.7	21 16 20.96	.....	+62 11 13.1	....
35	1 H. Draconis s. P.	9	23 28.13	− 1.76	− 3.22	300 37 52.10	44.300	+ 6.12	−1 32.8	9 23 23.15	.....	+81 44 37.3	....
36	11 Cephei	9	40 38.23	+ 0.86	− 3.22	327 59 54.92	43.555	+ 6.12	− 34.5	21 40 35.87	.....	+70 52 38.3	....
37	109 B. Ursæ Majoris s. P.	8	49 51.14	− 0.79	− 3.22	292 13 52.95	43.743	+ 6.12	−2 13.9	9 49 47.13	.....	+73 19 44.4	....
38	η Piscis Australis (*mean*)	9	55 25.97	− 0.24	− 3.22	67 44 0.28	44.518	+ 6.12	+2 14.5	21 55 22.51	− 3.17	−28 54 37.8	−17.5
39	α Aquarii	9	0 57.48	0.00	− **3.17**	39 38 1.25	43.652	+ 6.12	+ 45.9	22 0 54.26	.....	− 0 46 50.5	....
40	π Pegasi	9	5 49.66	+ 0.23	− 3.22	6 7 58.22	46.375	+ 6.12	+ 6.0	22 5 46.67	.....	+32 42 50.1	....
41	32 Ursæ Majoris s. P.	9	11 7.04	− 0.49	− 3.22	284 29 52.82	44.820	+ 6.12	−3 29.3	10 11 3.33	.....	+65 34 53.5	....
42	γ Aquarii	9	16 48.26	− 0.01	− **3.22**	40 41 58.85	46.498	+ 6.12	+ 47.7	22 16 45.03	.....	− 1 51 55.0	....
43	π Aquarii	9	20 28.77	+ 0.01	− **3.19**	37 55 59.25	47.565	+ 6.12	+ 43.2	22 20 25.56	.....	+ 0 53 44.8	....
	September 26, T.												
44	Jupiter I, C.	5	46 1.61	+ 0.12	− 3.35	29 33 57.72	41.309	+ 6.31	+ 31.7	1 45 58.38	+ 1.63	+ 9 16 37.6	....
45	Jupiter II	5	46 4.87	+ 0.12	− 3.35	... .	......	....	. ....	1 46 1.64	− 1.63	.. ..	....
46	Moon II	9	4 5.60	+ 0.11	− 3.35	30 40	......	....	. ....	2 4 2.36	−62.43	.. ..	....
47	35 Arietis	9	37 55.77	+ 0.25	− 3.36	11 31 59.72	48.318	+ 6.31	+ 11.5	2 37 52.66	− 3.68	+27 17 58.5	− 6.9
48	39 Arietis	8	42 18.32	+ 0.26	− 3.36	9 59 59.80	45.775	+ 6.31	+ 9.9	2 42 15.22	− 3.71	+28 50 58.1	− 6.1
49	σ Arietis	9	46 17.97	+ 0.15	− **3.36**	24 9 59.68	44.225	+ 6.31	+ 25.1	2 46 14.76	.....	+14 41 18.8	....
50	η Eridani	9	51 50.52	− 0.01	− **3.41**	48 6 2.48	47.655	+ 6.31	+1 2.3	2 51 47.15	.....	− 9 16 39.8	....
51	2 H. Ursæ Minoris s. P.	9	56 4.57	− 0.52	− 3.36	285 13 54.62	44.856	+ 6.31	−3 21.0	14 56 0.69	+ 2.68	+66 19 4.6	−10.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 12 6	30.02	65.9	67.2
25 23 14	29.77	68.8	69.5
23 40	.....	....	66.8
0 14	29.77	65.9	66.0
1 18	29.76	65.4	65.7
1 51	29.76	65.7	66.2
26 12 13	29.73	72.5	74.0
13 33	29.69	75.9	77.1
20 23	29.70	72.5	71.2
20 53	.....	....	70.2
21 14	29.70	71.0	...
21 55	.....	....	69.6
22 23	29.69	69.9	69.2
1 50	29.68	66.5	66.0
2 32	29.68	65.5	65.5

Micrometer bisections are made at II, VI, except as noted below.

1, 20, 24.	Bisections at I, II.
2, 10, 25, 29.	Bisections at VI, VII.
3, 22, 26, 32, 44.	Bisections at I, II, VI, VII.
6, 14, 28, 37, 41.	Bisections at III, IV, V.
7, 8, 36.	Bisections at III, V.
12, 19, 35.	Bisections at b_1, b_2, b_5, b_8, b_9.
21.	Bisections at II, III, IV, V, VI.
22, 44.	Z. D. threads A used.
32.	Z. D. threads C used.
49.	Bisection at VI.
51.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

3-20, 34.	Unsteady.
26.	Microscopes read before and after observation.
30.	Clouds.
34, 35, 41.	Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 5.6	+15 57.1	...	+16 2.7
2	+ 5.5	−15 57.0	...	−15 51.5
21	+30 19.8	−14 50.5	...	+15 29.3
22	+ 1.1	.. ....	...	+ 1.1
24	+ 5.6	−15 57.7	...	−15 52.1
25	+ 5.7	+15 57.6	...	+16 3.3
26	+ 4.2	.. ....	0.0	+ 4.2
32	+ 0.8	.. ....	...	+ 0.8
44	+ 1.1	.. ....	...	+ 1.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ι Persei	9	2 15.61	+ 0.46	− 3.36	349 35 58.18	47.235	+ 6.31	− 10.2	3 2 12.71	− 4.64	+49 14 46.4	+ 1.0
2	94 Ceti	9	7 58.72	+ 0.04	− 3.36	40 24 0.95	44.422	+ 6.31	+ 47.6	3 7 55.40	− 2.91	− 1 33 9.7	−11.2
3	τ¹ Arietis	9	15 47.55	+ 0.20	− **3.40**	18 2 0.90	47.612	+ 6.31	+ 18.3	3 15 44.39	.....	+20 48 6.7	....
4	ξ Tauri	9	22 4.27	+ 0.12	− **3.39**	29 25 59.72	47.432	+ 6.31	+ 31.6	3 22 1.03	.....	+ 9 23 58.7	....
5	ο Persei	9	38 24.52	+ 0.29	− 3.36	6 51 58.92	45.752	+ 6.31	+ 6.8	3 38 21.45	− 3.60	+31 59 2.6	+ 0.1
6	27 Tauri	9	43 33.61	+ 0.22	− 3.36	15 6 1.28	43.850	+ 6.31	+ 15.2	3 43 30.47	− 3.32	+23 45 35.4	− 1.8
7	9 H. Camelopardalis	9	49 4.91	+ 0.67	− 3.36	338 1 57.58	45.850	+ 6.31	− 22.5	3 49 2.22	.....	+60 49 30.9	....
8	λ Tauri	9	55 27.86	+ 0.14	− **3.35**	26 38 1.50	44.388	+ 6.31	+ 28.1	3 55 24.64	.....	+12 13 10.0	....
9	ψ Tauri	9	1 10.77	+ 0.27	− 3.36	10 6 1.30	47.095	+ 6.31	+ 10.1	4 1 7.68	− 3.38	+28 44 26.3	+ 1.3
10	μ Persei	8	7 57.78	+ 0.46	− 3.36	350 42 0.40	44.425	+ 6.31	− 9.1	4 7 54.88	− 4.17	+48 9 47.3	+ 7.8
11	54 Persei	9	14 17.08	+ 0.32	− 3.36	4 30 0.20	48.578	+ 6.31	+ 4.5	4 14 14.04	− 3.49	+34 19 59.1	+ 4.2
12	68 Tauri	9	20 2.24	+ 0.18	− 3.36	21 8 0.90	46.490	+ 6.31	+ 21.7	4 19 59.06	− 2.99	+17 42 28.9	− 0.6
13	1 Camelopardalis	9	24 32.49	+ 0.55	− 3.36	345 10 0.22	44.292	+ 6.31	− 14.8	4 24 29.68	− 4.41	+53 41 56.2	+11.0
14	υ⁷ Eridani	9	31 54.69	− 0.23	− 3.37	69 34 1.62	45.705	+ 6.31	+2 29.5	4 31 51.09	− 2.05	−30 45 21.5	−12.6
15	μ Eridani	9	40 47.94	+ 0.03	− **3.37**	42 16 1.08	45.898	+ 6.31	+ 50.9	4 40 44.60	.....	− 3 25 46.9	....
16	π⁴ Orionis	9	46 11.38	+ 0.10	− 3.37	33 24 1.28	45.878	+ 6.31	+ 37.0	4 46 8.11	− 2.60	+ 5 26 27.3	− 2.5
	September 27, T.												
17	Sun N	.	.. ..	.....	....	40 13 58.88	43.845	+ 6.64	+ 46.8	12 15	.....	− 1 22 54.6	....
18	Sun S	.	.. ..	.....	....	40 45 57.15	43.730	+ 6.64	+ 47.7	.. ..	.....	− 1 54 49.9	....
	September 28, M.												
19	Sun I, S	9	17 46.79	+ 0.08	− 3.27	41 7 58.42	47.257	+ 7.40	+ 48.6	12 17 43.60	+64.17	− 2 18 14.5	....
20	Sun II, N	9	19 55.13	+ 0.08	− 3.27	40 35 58.35	47.345	+ 7.40	+ 47.7	12 19 51.94	−64.17	− 1 46 14.6	....
21	Venus I, C	9	42 26.36	− 0.03	− 3.27	48 58 2.18	43.651	+ 6.94	+1 4.0	13 42 23.06	+ 0.37	−10 7 10.3	....
22	ε Aquilæ	9	55 21.11	+ 0.11	− **3.27**	23 53 59.10	46.045	+ 6.64	+ 25.0	18 55 17.95	.....	+14 56 37.3	....
23	ι Lyræ	9	3 57.30	+ 0.27	− 3.27	2 53 58.90	44.962	+ 6.64	+ 2.9	19 3 54.30	.....	+35 57 24.3	....
24	ψ Sagittarii	9	9 45.34	− 0.19	− 3.27	64 14 1.55	46.708	+ 6.64	+1 56.3	19 9 41.88	.....	−25 25 11.5	....
25	κ Cygni	9	14 57.44	+ 0.46	− 3.28	345 39 58.52	44.215	+ 6.64	− 14.3	19 14 54.62	.....	+53 11 58.8	....
26	δ Aquilæ	9	20 45.06	+ 0.04	− **3.27**	35 56 0.10	42.465	+ 6.64	+ 40.8	19 20 41.82	.....	+ 2 55 42.3	....
27	β Cygni	9	26 56.13	+ 0.21	− **3.24**	11 6 0.45	43.278	+ 6.64	+ 11.1	19 26 53.06	.....	+27 45 53.0	....
28	h Sagittarii	9	30 58.12	− 0.18	− 3.28	63 53 59.70	47.860	+ 6.64	+1 54.8	19 30 54.66	.....	−25 5 34.5	....
29	54 Sagittarii	9	35 19.47	− 0.10	− 3.28	55 20 1.70	46.675	+ 6.64	+1 21.5	19 35 16.09	.....	−16 30 36.1	....
30	γ Aquilæ	9	41 47.33	+ 0.09	− **3.31**	28 28 1.72	44.432	+ 6.64	+ 30.6	19 41 44.14	.....	+10 23 5.9	....
31	166 B. Camelopardalis s. P.	9	48 49.36	− 0.89	− 3.28	293 3 57.02	44.155	+ 6.64	−2 11.1	7 48 45.19	.....	+74 10 1.2	....
32	4 B. Ursæ Minoris s. P.	8	2 39.21	−14.86	− 3.28	307 47 55.58	43.797	+ 6.64	−1 12.4	8 2 21.07	.....	+88 54 49.0	....
33	α² Capricorni	9	12 49.81	− 0.06	− **3.26**	51 40 2.12	46.308	+ 6.64	+1 11.4	20 12 46.47	.....	−12 50 18.1	....
34	γ Cygni	9	18 52.40	+ 0.33	− 3.28	358 53 59.20	45.088	+ 6.64	− 1.0	20 18 49.45	.....	+39 57 25.0	....
35	ρ Capricorni	9	23 29.42	− 0.10	− **3.33**	56 58 1.58	43.902	+ 6.64	+1 26.8	20 23 26.04	.....	−18 7 37.9	....
36	212 H¹. Draconis	9	30 31.12	+ 1.00	− 3.28	326 39 56.02	42.890	+ 6.64	− 37.0	20 30 28.84	.....	+72 12 54.0	....
37	υ Capricorni	9	34 41.42	− 0.10	− 3.28	57 18 1.75	45.812	+ 6.64	+1 27.9	20 34 38.04	.....	−18 28 22.8	....
38	ε Aquarii	9	42 34.92	− 0.03	− **3.25**	48 40 1.65	47.315	+ 6.64	+1 4.3	20 42 31.61	.....	− 9 50 33.5	....
39	76 Draconis	9	49 40.78	+ 2.20	− 3.28	316 41 55.70	43.148	+ 6.64	− 53.1	20 49 39.70	.....	+82 11 4.8	....
	September 29, Ei.-Y.												
40	κ Aquilæ	8	31 49.45	− 0.02	− **3.30**	46 4 0.05	46.765	+ 6.70	+ 57.2	19 31 46.10	.....	− 7 14 12.3	....
41	B. D. −17°5699 (*fol.*)	9	33 47.82	− 0.09	− 3.33	55 57 58.78	43.678	+ 6.70	+1 21.4	19 33 44.40	− 2.58	−17 7 24.6	−15.5
42	γ Aquilæ	9	41 47.31	+ 0.09	− **3.30**	28 27 59.40	44.572	+ 6.70	+ 29.9	19 41 44.07	.....	+10 23 5.7	....
43	C. P. D. −27°6855	9	45 21.57	− 0.19	− 3.33	66 31 58.92	45.228	+ 6.70	+2 6.3	19 45 18.05	− 2.78	−27 42 45.0	−12.4
44	B. D. −18°5520	9	47 57.69	− 0.10	− 3.33	56 59 58.78	42.975	+ 6.70	+1 24.6	19 47 54.26	− 2.65	−18 9 11.8	−15.8
45	β Aquilæ	9	50 41.58	+ 0.07	− **3.34**	32 41 58.32	41.110	+ 6.70	+ 35.4	19 50 38.32	.....	+ 6 10 20.4	....
46	g Sagittarii	9	52 36.47	− 0.08	− 3.33	54 33 59.95	46.842	+ 6.70	+1 17.4	19 52 33.06	− 2.64	−15 44 34.2	−16.8
47	C. P. D. −23°7632	9	55 47.88	− 0.14	− 3.33	61 49 59.65	43.965	+ 6.70	+1 42.5	19 55 44.41	− 2.74	−22 59 53.2	−14.5
48	B. D. −15°5541	9	58 13.38	− 0.08	− 3.33	54 29 59.20	47.245	+ 6.70	+1 17.2	19 58 9.97	− 2.66	−15 40 42.4	−17.0
49	B. D. −19°5721	9	2 46.41	− 0.11	− 3.33	57 53 58.95	46.768	+ 6.70	+1 27.7	20 2 42.97	− 2.72	−19 4 41.7	−16.1
50	B. D. −22°5354	9	5 51.72	− 0.14	− 3.33	61 3 59.70	44.230	+ 6.70	+1 39.3	20 5 48.25	− 2.77	−22 13 56.1	−15.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 3 6	......	....	64.0
3 32	29.67	64.5	63.5
3 53	......	....	63.0
4 13	29.68	64.0	63.0
4 36	......	....	63.5
4 50	29.68	64.5	63.5
27 12 16	29.75	71.3	71.0
28 12 20	29.98	73.0	72.0
13 42	29.98	72.9	71.2
18 52	30.00	68.2	66.7
19 23	......	....	65.7
20 1	30.01	66.0	65.1
20 33	......	....	64.3
20 53	30.02	65.2	64.2
29 19 29	29.73	73.1	72.7
19 57	......	....	72.7

Micrometer bisections are made at II, VI, except as noted below.

17. Bisections at I, II.
18. Bisections at VI, VII.
19. Bisections at I, II, III.
20. Bisections at V, VI, VII.
21. Bisections at I, II, VI, VII.
31. Bisections at III, V.
32. Bisections at b_1, b_2, b_5, b_8, b_9.
39. Bisections at III, IV, V.
41, 43. Bisections at II, VII.

Notes.

14, 43. Unsteady.
31, 38, 39. Clouds; faint.
32, 44. Very faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
17	+ 5.6	−15 57.6	...	−15 52.0
18	+ 5.7	+15 57.6	...	+16 3.3
19	+ 5.8	+15 59.9	...	+16 5.7
20	+ 5.7	−15 59.9	...	−15 54.2
21	+ 4.3	.. ....	0.0	+ 4.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −19°5753	9	9 16.09	− 0.11	− 3.33	58 19 58.82	44.045	+ 6.70	+1 29.1	20 9 12.65	− 2.75	−19 29 40.8	−16.2
2	B. D. −12°5680	9	11 10.00	− 0.06	− 3.33	51 27 59.52	44.738	+ 6.70	+1 9.1	20 11 6.61	− 2.68	−12 37 37.3	−18.5
3	B. D. −21°5684	9	13 55.97	− 0.13	− 3.33	60 4 0.12	46.802	+ 6.70	+1 35.4	20 13 52.51	− 2.79	−21 14 51.4	−15.8
4	C. P. D. −23°7723	9	15 54.98	− 0.15	− 3.33	62 35 59.15	45.807	+ 6.70	+1 45.9	20 15 51.50	− 2.83	−23 46 38.0	−15.1
5	C. P. D. −25°7071	9	20 37.60	− 0.17	− 3.33	64 3 59.65	47.445	+ 6.70	+1 52.8	20 20 34.10	− 2.86	−25 15 23.0	−14.8
6	B. D. −16°5609	9	23 25.20	− 0.08	− 3.33	54 54 0.62	43.530	+ 6.70	+1 18.2	20 23 21.79	− 2.76	−16 3 19.9	−17.9
7	B. D. −19°5831	9	24 29.97	− 0.11	− 3.33	57 43 58.90	44.562	+ 6.70	+1 27.0	20 24 26.53	− 2.80	−18 53 50.6	−17.0
8	B. D. −14°5781	9	28 57.23	− 0.07	− 3.33	52 51 59.10	47.730	+ 6.70	+1 12.7	20 28 53.83	− 2.77	−14 2 48.9	−18.7
9	B. D. −22°5484	9	32 13.08	− 0.14	− 3.33	61 35 59.42	45.465	+ 6.70	+1 41.6	20 32 9.61	− 2.87	−22 46 26.5	−16.1
10	B. D. −19°5905	9	38 31.81	− 0.11	− 3.33	58 29 58.55	47.718	+ 6.70	+1 29.7	20 38 28.37	− 2.86	−19 41 5.0	−17.3
11	B. D. −17°6081	9	41 15.59	− 0.10	− 3.33	56 19 58.58	46.408	+ 6.70	+1 22.5	20 41 12.16	− 2.84	−17 30 28.0	−18.0
12	B. D. −11°5434	9	44 16.41	− 0.05	− 3.33	50 37 58.05	46.788	+ 6.70	+1 7.1	20 44 13.03	− 2.80	−11 48 20.7	−19.8
13	B. D. −21°5852	9	46 55.76	− 0.13	− 3.33	60 25 59.20	42.602	+ 6.70	+1 36.7	20 46 52.30	− 2.90	−21 35 16.0	−17.0
14	B. D. −19°5950	9	48 10.32	− 0.11	− 3.33	58 17 58.82	45.785	+ 6.70	+1 29.0	20 48 6.88	− 2.89	−19 28 20.4	−17.7
15	7 Aquarii	8	51 48.93	− 0.04	− 3.33	48 53 59.85	45.120	+ 6.70	+1 3.1	20 51 45.56	− 2.82	−10 3 40.4	−20.6
16	B. D. −13°5813	9	54 44.56	− 0.06	− 3.33	52 15 57.40	43.705	+ 6.70	+1 11.1	20 54 41.17	− 2.85	−13 25 13.6	−19.7
17	B. D. −10°5578	9	57 30.11	− 0.04	− 3.33	49 12 0.05	46.338	+ 6.70	+1 3.8	20 57 26.74	− 2.84	−10 22 9.1	−20.6
18	θ Capricorni	9	0 39.47	− 0.10	− 3.32	56 25 57.52	46.840	+ 6.70	+1 22.9	21 0 36.04	.....	−17 36 37.2	....
19	B. D. −22°5612	8	2 30.44	− 0.14	− 3.33	61 31 59.50	47.002	+ 6.70	+1 41.4	21 2 26.97	− 2.96	−22 43 1.3	−17.2
20	B. D. −22°5630	9	8 37.36	− 0.14	− 3.33	61 25 58.42	45.035	+ 6.70	+1 40.9	21 8 33.89	− 2.98	−22 36 14.8	−17.4
21	B. D. −13°5891	9	10 50.44	− 0.07	− 3.33	52 25 58.35	45.030	+ 6.70	+1 11.6	21 10 47.04	− 2.91	−13 35 45.3	−20.0
22	B. D. −16°5840	9	14 1.43	− 0.09	− 3.33	55 23 58.90	47.175	+ 6.70	+1 19.8	21 13 58.01	− 2.94	−16 34 43.1	−19.3
23	ι Capricorni	9	17 0.57	− 0.09	− **3.34**	56 3 58.42	46.120	+ 6.70	+1 21.8	21 16 57.15	.....	−17 14 20.5	....
24	B. D. −18°5935	9	21 1.06	− 0.10	− 3.33	57 23 58.32	43.962	+ 6.70	+1 26.0	21 20 57.63	− 2.97	−18 33 35.0	−18.9
25	B. D. − 7°5565	9	22 24.24	− 0.02	− 3.33	46 15 59.72	44.915	+ 6.70	+ 57.6	21 22 20.89	− 2.91	− 7 25 30.1	−21.9
26	B. D. − 9°5758	9	24 57.06	− 0.03	− 3.33	47 51 59.65	43.515	+ 6.70	+1 0.9	21 24 53.70	− 2.93	− 9 1 1.3	−21.5
27	B. D. −12°6044	8	32 15.62	− 0.05	− 3.33	50 43 57.68	43.680	+ 6.70	+1 7.4	21 32 12.24	− 2.96	−11 53 9.9	−20.9
28	B. D. − 9°5809	9	35 56.53	− 0.04	− 3.33	48 25 59.68	41.750	+ 6.70	+1 2.1	21 35 53.16	− 2.96	− 9 34 22.2	−21.5
29	B. D. −18°5998	8	38 20.51	− 0.10	− 3.33	56 39 57.82	43.278	+ 6.70	+1 23.7	21 38 17.08	− 3.01	−17 49 16.9	−19.5
30	B. D. − 9°5833	9	41 15.34	− 0.04	− 3.33	48 34 0.05	42.955	+ 6.70	+1 2.4	21 41 11.97	− 2.98	− 9 42 50.4	−21.6
31	B. D. −15°6075	9	44 4.62	− 0.08	− 3.33	54 23 58.75	44.760	+ 6.70	+1 16.9	21 44 1.21	− 3.01	−15 33 44.9	−20.2
32	μ Capricorni	9	48 10.24	− 0.07	− **3.34**	52 49 59.05	45.468	+ 6.70	+1 12.7	21 48 6.84	.....	−13 59 57.2	....
33	ι Aquarii	9	1 21.72	− 0.07	− **3.38**	53 9 58.00	45.200	+ 6.70	+1 13.6	22 1 18.32	.....	−14 19 50.9	....
	September 29, M.												
34	Mercury C, C.	9	22 12.12	+ 0.01	− 3.35	33 35 55.58	47.538	+ 6.89	+ 36.1	11 22 8.78	− 0.10	+ 5 13 55.4	....
	September 30, M.												
35	Venus I, C	9	51 42.35	− 0.08	− 3.35	49 53 57.28	47.168	+ 7.43	+1 4.0	13 51 38.92	+ 0.37	−11 4 26.2	....
	September 30, T.												
36	Moon II, N	9	34 4.81	+ 0.23	− 3.52	20 52 0.88	46.398	+ 7.58	+ 21.6	5 34 1.52	−67.89	+17 58 29.9	....
37	α Orionis	9	50 4.28	+ 0.15	− **3.52**	31 28 1.78	43.755	+ 7.58	+ 34.6	5 50 0.91	.....	+ 7 23 16.4	....
38	1 Geminorum	8	58 23.00	+ 0.27	− **3.53**	15 36 0.82	42.805	+ 7.58	+ 15.8	5 58 19.75	.....	+23 15 57.9	....
39	ν Orionis	9	2 11.26	+ 0.20	− **3.52**	24 4 5.88	45.500	+ 7.58	+ 25.3	6 2 7.94	.....	+14 46 41.7	....
40	η Geminorum	9	9 10.83	+ 0.26	− **3.51**	16 20 1.85	42.922	+ 7.58	+ 16.6	6 9 7.57	.....	+22 31 53.3	....
41	Mercury C, C.	9	25 51.83	+ 0.10	− 3.51	33 48 3.28	45.594	+ 7.38	+ 37.2	11 25 48.42	− 0.09	+ 5 2 30.5	....
	October 1, T.												
42	Sun I, S.	9	28 37.66	+ 0.04	− 3.51	42 18 2.38	47.130	+ 7.38	+ 50.3	12 28 34.19	+64.27	− 3 28 17.4	....
43	Sun II, N	9	30 46.21	+ 0.04	− 3.51	41 46 2.05	47.188	+ 7.38	+ 49.4	12 30 42.74	−64.28	− 2 56 16.2	....
44	Venus I, C	9	56 21.75	− 0.03	− 3.51	50 22 2.15	47.616	+ 6.89	+1 6.2	13 56 18.21	+ 0.37	−11 32 43.0	....
	October 1, Ei.-Y.												
45	γ Aquilæ	9	41 47.33	+ 0.10	− **3.37**	28 27 58.10	44.582	+ 6.56	+ 30.2	19 41 44.06	.....	+10 23 6.7	....
46	α Aquilæ	9	46 11.67	+ 0.08	− **3.37**	30 13 58.18	44.128	+ 6.56	+ 32.4	19 46 8.38	.....	+ 8 37 14.7	....
47	B. D. −14°5578	9	47 47.47	− 0.09	− 3.37	53 39 58.42	47.410	+ 6.56	+1 15.5	19 47 44.01	− 2.58	−14 50 43.6	−16.9
48	C. P. D. −27°6892	9	51 9.76	− 0.22	− 3.37	66 13 58.05	46.725	+ 6.56	+2 5.7	19 51 6.17	− 2.76	−27 25 17.7	−12.8
49	C. P. D. −24°6879	8	55 9.75	− 0.18	− 3.37	63 15 57.30	45.930	+ 6.56	+1 50.0	19 55 6.20	− 2.73	−24 26 43.1	−14.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 20 17	29.72	73.1	72.9
20 46	......	....	72.8
21 12	29.715	72.6	72.2
21 40	......	....	71.8
22 3	29.71	71.9	71.4
11 22	29.63	78.0	79.0
30 13 52	29.56	81.3	81.2
5 34	29.57	57.0	57.5
6 16	29.57	58.0	57.0
11 26	29.54	66.5	65.0
1 12 31	29.50	65.2	67.4
13 56	29.49	70.5	71.0
19 42	29.47	65.0	64.0

Micrometer bisections are made at II, VI, except as noted below.

4. Bisections at II, VI, VII.
9, 27. Bisection at II.
13, 42. Bisections at I, II.
14, 45. Bisections at II, VII.
24, 43. Bisections at VI, VII.
34, 35, 41, 44. Bisections at I, II, VI, VII.
36. Bisections at II, III, IV, V, VI.
39. Bisections at I, VII.

Notes.

1-9. Images nebulous and somewhat unsteady.
8, 9, 18, 33, 36, 39, 40. Clouds.
19. Very faint.
24, 45-49. Conditions poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
34	+ 5.2	.. ....	+ 0.7	+ 5.9
35	+ 4.4	.. ....	0.0	+ 4.4
36	+20 7.8	−15 31.5	...	+ 4 36.3
41	+ 5.1	.. ....	+ 0.7	+ 5.8
42	+ 5.9	+16 0.5	...	+16 6.4
43	+ 5.8	−16 0.6	...	−15 54.8
44	+ 4.4	.. ....	− 0.1	+ 4.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	269 G. Sagittarii..........	8	58 9.25	− 0.16	− 3.37	61 41 58.85	43.488	+ 6.56	+1 42.9	19 58 5.72	− 2.72	−22 51 41.7	−14.6
2	C. P. D. −24°6906......	9	2 2.61	− 0.18	− 3.37	62 57 58.62	47.508	+ 6.56	+1 48.7	20 1 59.06	− 2.75	−24 9 19.1	−14.3
3	C. P. D. −24°6922......	9	5 50.57	− 0.18	− 3.37	63 19 59.10	45.085	+ 6.56	+1 50.4	20 5 47.02	− 2.77	−24 30 25.7	−14.4
4	B. D. −18°5626........	9	9 3.44	− 0.12	− 3.37	57 11 58.10	47.305	+ 6.56	+1 26.2	20 8 59.95	− 2.70	−18 22 51.5	−16.6
5	B. D. −20°5870........	9	10 47.37	− 0.13	− 3.37	59 7 58.50	46.685	+ 6.56	+1 32.9	20 10 43.87	− 2.73	−20 18 44.5	−16.0
6	α² Capricorni............	9	12 49.88	− 0.07	**− 3.37**	51 39 58.47	46.445	+ 6.56	+1 10.4	20 12 46.44	....	−12 50 16.5	....
7	β Capricorni............	9	15 43.29	− 0.09	**− 3.33**	53 53 57.82	47.658	+ 6.56	+1 16.3	20 15 39.83	....	−15 4 49.4	....
8	B. D. −19°5809........	9	19 38.26	− 0.13	− 3.37	58 33 58.80	45.990	+ 6.56	+1 31.0	20 19 34.76	− 2.76	−19 44 27.0	−16.5
9	C. P. D. −24°6997......	9	23 9.22	− 0.17	− 3.37	63 7 59.05	43.378	+ 6.56	+1 49.6	20 23 5.68	− 2.83	−24 17 46.4	−15.2
10	B. D. −13°5680........	9	24 17.87	− 0.07	− 3.37	51 43 58.07	46.650	+ 6.56	+1 10.7	20 24 14.43	− 2.71	−12 54 21.0	−18.9
11	C. P. D. −23°7796......	9	28 34.93	− 0.16	− 3.37	62 23 58.30	45.233	+ 6.56	+1 46.4	20 28 31.40	− 2.84	−23 34 24.6	−15.6
12	C. P. D. −25°7135......	9	32 15.78	− 0.18	− 3.37	64 15 59.10	44.738	+ 6.56	+1 55.4	20 32 12.23	− 2.87	−25 26 23.1	−15.2
13	B. D. −20°5995........	9	34 8.51	− 0.13	− 3.37	58 49 58.02	45.560	+ 6.56	+1 32.1	20 34 5.01	− 2.82	−20 0 17.5	−17.0
14	B. D. −12°5808........	9	38 25.40	− 0.06	− 3.37	50 47 57.87	48.140	+ 6.56	+1 8.5	20 38 21.97	− 2.76	−11 58 52.6	−19.6
15	C. P. D. −24°7074......	9	40 45.01	− 0.17	− 3.37	62 53 58.22	44.490	+ 6.56	+1 48.9	20 40 41.47	− 2.88	−24 4 10.0	−15.9
16	B. D. −18°5783........	9	44 0.19	− 0.11	− 3.37	57 13 58.40	42.808	+ 6.56	+1 26.7	20 43 56.71	− 2.83	−18 23 9.6	−17.8
17	B. D. −10°5526........	9	46 40.79	− 0.04	− 3.37	49 29 58.95	46.715	+ 6.56	+1 5.5	20 46 37.38	− 2.78	−10 40 18.2	−20.2
18	C. P. D. −24°7109......	9	48 29.46	− 0.17	− 3.37	63 27 58.80	44.855	+ 6.56	+1 51.7	20 48 25.92	− 2.91	−24 38 21.7	−16.0
19	B. D. −22°5572........	8	51 26.11	− 0.15	− 3.37	61 11 58.80	44.810	+ 6.56	+1 41.5	20 51 22.59	− 2.90	−22 22 10.5	−16.8
20	B. D. −11°5484........	9	54 7.62	− 0.04	− 3.37	49 55 58.50	42.793	+ 6.56	+1 6.5	20 54 4.21	− 2.81	−11 4 49.4	−20.3
21	B. D. −18°5831........	9	55 33.96	− 0.10	− 3.37	56 43 57.50	45.235	+ 6.56	+1 25.2	20 55 30.49	− 2.87	−17 54 2.6	−18.3
22	η Capricorni............	9	59 3.00	− 0.12	− 3.37	59 3 58.35	44.285	+ 6.56	+1 33.3	20 58 59.51	− 2.90	−20 13 49.9	−17.7
23	B. D. −19°6024........	9	2 9.94	− 0.12	− 3.37	58 17 58.10	45.095	+ 6.56	+1 30.5	21 2 6.45	− 2.90	−19 28 5.3	−18.1
24	B. D. −16°5810........	9	4 54.64	− 0.08	− 3.37	54 53 57.75	48.495	+ 6.56	+1 19.6	21 4 51.19	− 2.88	−16 5 11.8	−19.1
25	B. D. −20°6159........	9	8 36.89	− 0.12	− 3.37	59 17 59.00	46.753	+ 6.56	+1 34.1	21 8 33.40	− 2.93	−20 28 47.7	−18.0
26	B. D. −15°5935........	9	10 32.54	− 0.08	− 3.37	54 23 58.92	45.238	+ 6.56	+1 18.1	21 10 29.09	− 2.90	−15 33 57.0	−19.4
27	B. D. −13°5901........	9	13 25.40	− 0.06	− 3.37	51 49 58.37	44.695	+ 6.56	+1 11.2	21 13 21.97	− 2.89	−12 59 37.2	−20.2
28	B. D. − 9°5724........	9	16 55.91	− 0.03	− 3.37	48 34 0.25	45.470	+ 6.56	+1 3.4	21 16 52.51	− 2.88	− 9 43 49.0	−21.2
29	B. D. −14°6020........	9	20 15.16	− 0.07	− 3.37	53 31 58.20	43.303	+ 6.56	+1 15.6	21 20 11.72	− 2.92	−14 41 9.6	−19.9
30	B. D. −20°6211........	9	22 10.84	− 0.12	− 3.37	59 27 59.12	42.965	+ 6.56	+1 34.6	21 22 7.35	− 2.97	−20 37 21.7	−18.3
31	B. D. −19°6107........	9	24 42.81	− 0.11	− 3.37	58 23 58.50	44.173	+ 6.56	+1 30.7	21 24 39.33	− 2.97	−19 33 44.9	−18.7
32	B. D. −16°5885........	9	28 28.54	− 0.08	− 3.37	55 27 58.72	42.925	+ 6.56	+1 21.2	21 28 25.09	− 2.96	−16 37 7.3	−19.6
33	B. D. −20°6237........	9	29 34.17	− 0.12	− 3.37	59 19 58.70	45.938	+ 6.56	+1 34.2	21 29 30.68	− 2.99	−20 30 28.9	−18.0
34	B. D. −10°5714........	8	31 52.18	− 0.03	− 3.37	49 25 59.27	45.793	+ 6.56	+1 5.3	21 31 48.78	− 2.94	−10 35 57.3	−21.2
35	γ Capricorni............	9	34 52.88	− 0.09	**− 3.36**	55 55 58.52	43.830	+ 6.56	+1 22.6	21 34 49.42	....	−17 5 28.9	....
36	B. D. −20°6270........	9	37 57.96	− 0.11	− 3.37	58 53 57.62	42.895	+ 6.56	+1 32.5	21 37 54.48	− 3.00	−20 3 16.6	−18.8
37	B. D. − 9°5829........	9	39 59.59	− 0.02	− 3.37	48 21 59.30	43.620	+ 6.56	+1 2.9	21 39 56.20	− 2.96	− 9 31 5.2	−21.6
38	B. D. −14°6128........	9	43 26.27	− 0.06	− 3.37	53 25 58.47	46.413	+ 6.56	+1 15.4	21 43 22.84	− 2.99	−14 36 20.7	−20.4
39	B. D. − 8°5753........	9	46 4.24	− 0.01	− 3.37	47 11 58.35	43.725	+ 6.56	+1 0.4	21 46 0.86	− 2.97	− 8 21 4.2	−22.0
40	B. D. −10°5785........	9	48 34.54	− 0.03	− 3.37	49 35 59.32	44.580	+ 6.56	+1 5.7	21 48 31.14	− 2.99	−10 45 30.0	−21.4
41	B. D. −19°6190........	9	51 52.52	− 0.10	− 3.37	58 27 58.10	46.135	+ 6.56	+1 31.1	21 51 49.05	− 3.03	−19 38 29.7	−19.2
42	B. D. −12°6150........	9	56 10.07	− 0.04	− 3.37	50 37 58.17	45.660	+ 6.56	+1 8.2	21 56 6.66	− 3.01	−11 47 56.0	−21.2
43	B. D. − 8°5789........	9	58 34.93	0.00	− 3.37	46 45 58.70	43.735	+ 6.56	+ 59.5	21 58 31.56	− 3.01	− 7 55 3.9	−22.2
44	ι Aquarii................	9	1 21.76	− 0.06	**− 3.44**	53 9 57.62	45.108	+ 6.56	+1 14.6	22 1 18.33	....	−14 19 49.3	....
45	θ Aquarii................	9	11 52.61	0.00	**− 3.43**	47 5 58.80	44.460	+ 6.56	+1 0.1	22 11 49.24	....	− 8 15 21.2	....
46	B. D. − 2°5876........	5	59 28.42	+ 0.05	− 3.38	41 15 58.25	43.273	+ 6.96	+ 49.3	22 59 25.09	− 3.17	− 2 24 42.8	−22.8
47	B. D. −13°6344........	9	2 3.39	− 0.04	− 3.38	52 3 58.67	46.873	+ 6.96	+1 12.1	23 1 59.97	− 3.14	−13 14 28.5	−21.1
48	B. D. − 3°5576........	9	4 14.05	+ 0.04	− 3.38	41 47 58.25	46.635	+ 6.96	+ 50.3	23 4 10.71	− 3.18	− 2 58 0.9	−22.6
49	B. D. − 1°4401........	9	6 52.25	+ 0.05	− 3.38	40 29 59.10	44.038	+ 6.96	+ 48.0	23 6 48.92	− 3.19	− 1 39 0.1	−22.8
50	φ Aquarii................	9	9 27.62	+ 0.02	**− 3.40**	45 23 59.77	45.365	+ 6.96	+ 57.1	23 9 24.26	....	− 6 33 40.2	....
51	γ Piscium................	9	12 17.96	+ 0.09	**− 3.45**	36 3 58.37	47.453	+ 6.96	+ 41.0	23 12 14.67	....	+ 2 45 49.5	....
52	B. D. − 6°6191........	9	15 50.54	+ 0.02	− 3.38	45 15 59.67	45.180	+ 6.96	+ 56.8	23 15 47.18	− 3.18	− 6 25 35.8	−22.0
53	B. D. −13°6391........	9	16 57.93	− 0.04	− 3.38	51 47 59.82	46.110	+ 6.96	+1 11.5	23 16 54.51	− 3.16	−12 58 11.6	−21.1
54	B. D. − 8°6103........	9	19 14.02	+ 0.01	− 3.38	46 53 59.12	46.995	+ 6.96	+1 0.2	23 19 10.65	− 3.18	− 8 4 19.9	−21.7
55	B. D. − 3°5639........	9	22 24.24	+ 0.04	− 3.38	41 59 59.07	45.045	+ 6.96	+ 50.7	23 22 20.90	− 3.21	− 3 9 25.8	−22.2
56	B. D. − 1°4443........	9	24 41.52	+ 0.06	− 3.38	40 23 58.50	45.333	+ 6.96	+ 47.9	23 24 38.20	− 3.22	− 1 33 29.0	−22.3
57	B. D. −12°6510........	9	27 20.67	− 0.03	− 3.38	50 53 58.32	46.065	+ 6.96	+1 9.3	23 27 17.26	− 3.17	−12 4 6.9	−21.1
58	B. D. + 4°5029........	9	29 37.39	+ 0.10	− 3.38	33 53 58.85	45.145	+ 6.96	+ 37.9	23 29 34.11	− 3.28	+ 4 56 44.9	−22.8
59	B. D. + 1°4744........	9	31 35.94	+ 0.08	− 3.38	37 15 58.92	45.545	+ 6.96	+ 42.9	23 31 32.64	− 3.26	+ 1 34 30.7	−22.5
60	B. D. − 0°4547........	9	35 52.33	+ 0.06	− 3.38	38 57 58.77	43.113	+ 6.96	+ 45.5	23 35 49.01	− 3.25	− 0 6 36.2	−22.2
61	B. D. − 3°5697........	9	39 43.43	+ 0.04	− 3.38	42 31 58.82	46.840	+ 6.96	+ 51.7	23 39 40.09	− 3.22	− 3 42 7.6	−21.7
62	19 Piscium................	9	41 35.72	+ 0.09	− 3.38	35 53 58.82	42.783	+ 6.96	+ 40.8	23 41 32.43	− 3.28	+ 2 57 35.7	−22.2
63	B. D. − 5°6048........	9	42 49.78	+ 0.03	− 3.38	43 49 59.10	44.815	+ 6.96	+ 54.1	23 42 46.43	− 3.22	− 4 59 24.0	−21.6
64	B. D. − 6°6303........	9	46 56.17	+ 0.02	− 3.38	45 1 59.02	47.533	+ 6.96	+ 56.4	23 46 52.81	− 3.21	− 6 12 28.3	−21.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 20 4	......	....	63.8
20 30	29.48	63.2	62.0
20 58	......	....	60.0
21 26	29.48	61.4	60.7
21 50	......	....	60.7
22 13	29.485	60.8	61.3
22 59	29.485	59.8	58.4
23 21	......	....	57.7
23 44	29.48	58.6	57.3

Micrometer bisections are made at II, VI, except as noted below.

2, 14, 26. Bisections at II, VII.
3, 46. Bisections at VI, VII.
9, 20, 32, 52, 62. Bisections at I, II.

Note.

1–28. Conditions poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 2°6059	9	49 50.12	+ 0.05	− 3.38	41 17 58.60	47.828	+ 6.96	+ 49.5	23 49 46.79	− 3.24	− 2 28 28.0	−21.5
2	B. D.+ 7°5101	9	50 49.74	+ 0.12	− 3.38	31 9 58.25	42.850	+ 6.96	+ 34.1	23 50 46.48	− 3.35	+ 7 41 41.8	−22.1
3	27 Piscium	9	53 52.12	+ 0.04	− 3.38	42 55 59.02	43.818	+ 6.96	+ 52.4	23 53 48.78	.....	− 4 4 59.4	....
4	B. D.− 0°4603	8	55 50.33	+ 0.06	− 3.38	39 7 59.12	47.710	+ 6.96	+ 45.9	23 55 47.01	− 3.27	− 0 18 22.0	−21.5
5	B. D.+ 1°4820	9	57 58.33	+ 0.08	− 3.38	37 13 59.22	46.340	+ 6.96	+ 42.9	23 57 55.03	− 3.29	+ 1 36 12.2	−21.5
6	B. D.− 2°6099	9	1 30.43	+ 0.05	− 3.38	40 35 58.45	46.568	+ 6.96	+ 48.3	0 1 27.10	− 3.26	− 1 45 57.6	−21.2
7	B. D.− 0°6	9	4 3.69	+ 0.07	− 3.38	38 39 59.27	47.268	+ 6.96	+ 45.1	0 4 0.38	− 3.28	+ 0 9 48.8	−21.2
8	B. D.+ 5°18 (*mean*)	9	8 51.20	+ 0.11	− 3.38	32 47 58.85	44.213	+ 6.96	+ 36.3	0 8 47.93	− 3.36	+ 6 3 7.8	−21.2
9	B. D.+ 7°27	9	11 44.68	+ 0.12	− 3.38	31 7 58.52	45.322	+ 6.96	+ 34.1	0 11 41.42	− 3.38	+ 7 42 45.1	−21.1
10	B. D.+ 4°32	9	14 39.92	+ 0.11	− 3.38	33 35 58.70	47.158	+ 6.96	+ 37.5	0 14 36.65	− 3.35	+ 5 13 59.5	−20.9
11	B. D.+ 1°52	9	18 49.46	+ 0.08	− 3.38	36 37 58.82	44.385	+ 6.96	+ 41.9	0 18 46.16	− 3.32	+ 2 12 58.3	−20.6
12	B. D.+ 5°52	9	21 28.79	+ 0.11	− 3.38	33 15 58.80	46.880	+ 6.96	+ 37.0	0 21 25.52	− 3.36	+ 5 34 6.0	−20.6
13	B. D.− 1°51	9	25 2.47	+ 0.06	− 3.38	39 41 59.57	43.558	+ 6.96	+ 46.8	0 24 59.15	− 3.28	− 0 50 48.4	−20.3
14	B. D.+ 2°67	9	29 4.93	+ 0.09	− 3.38	36 3 58.35	42.378	+ 6.96	+ 41.1	0 29 1.64	− 3.33	+ 2 47 45.4	−20.2
15	B. D.− 1°68	8	30 43.69	+ 0.06	− 3.38	39 52 0.05	45.765	+ 6.96	+ 47.1	0 30 40.37	− 3.28	− 1 1 39.6	−20.1
16	B. D.− 1°75	9	33 16.65	+ 0.06	− 3.38	39 52 0.22	45.515	+ 6.96	+ 47.2	0 33 13.33	− 3.28	− 1 1 34.2	−19.9
17	B. D.+ 3°93	9	37 33.11	+ 0.10	− 3.38	35 11 59.40	44.980	+ 6.96	+ 39.8	0 37 29.83	− 3.34	+ 3 38 46.3	−19.7
18	B. D.+11°96	9	42 7.61	+ 0.15	− 3.38	27 23 59.10	44.043	+ 6.96	+ 29.3	0 42 4.38	− 3.47	+11 27 18.4	−19.3
19	147 B. Piscium	9	43 27.52	+ 0.10	− 3.38	34 1 59.50	48.368	+ 6.96	+ 38.2	0 43 24.24	.....	+ 4 47 30.3	....
20	B. D.+ 1°151	8	46 38.85	+ 0.08	− 3.38	36 57 59.47	45.570	+ 6.96	+ 42.5	0 46 35.55	− 3.32	+ 1 52 30.0	−19.3
21	20 Ceti	9	48 12.67	+ 0.05	**− 3.38**	40 29 59.50	45.665	+ 6.96	+ 48.3	0 48 9.34	.....	− 1 39 38.0	....
22	B. D.+ 9°110	9	51 52.71	+ 0.14	− 3.38	29 19 59.80	47.140	+ 6.96	+ 31.8	0 51 49.47	− 3.44	+ 9 30 4.5	−18.8
23	B. D.+ 6°135	9	53 27.25	+ 0.11	− 3.38	32 29 59.10	47.608	+ 6.96	+ 36.1	0 53 23.98	− 3.38	+ 6 19 50.2	−18.8
24	B. D.+ 4°157	9	56 40.77	+ 0.10	− 3.38	34 13 59.07	43.473	+ 6.96	+ 38.5	0 56 37.49	− 3.36	+ 4 37 22.3	−18.7
25	B. D.+13°155	9	58 54.57	+ 0.16	− 3.38	25 25 58.17	43.445	+ 6.96	+ 26.9	0 58 51.35	− 3.51	+13 25 35.4	−18.1
26	B. D.+14°169	9	0 58.55	+ 0.17	− 3.38	23 57 58.25	46.358	+ 6.96	+ 25.2	1 0 55.34	− 3.54	+14 52 30.2	−17.9
27	B. D.+10°128	9	2 8.03	+ 0.15	− 3.38	27 48 0.20	45.850	+ 6.96	+ 29.9	1 2 4.80	− 3.46	+11 2 35.5	−18.0
28	B. D.+ 1°221	9	5 43.67	+ 0.08	− 3.38	36 53 59.25	45.920	+ 6.96	+ 42.5	1 5 40.37	− 3.31	+ 1 56 22.2	−18.3
29	ζ¹ Piscium	9	8 49.48	+ 0.12	**− 3.29**	31 45 58.22	46.363	+ 6.96	+ 35.1	1 8 46.22	.....	+ 7 4 20.5	....
30	η Piscium	9	26 27.38	+ 0.17	**− 3.32**	23 59 58.02	44.255	+ 6.96	+ 25.2	1 26 24.17	.....	+14 51 18.8	....
31	Jupiter I, C	5	43 49.84	+ 0.13	− 3.38	29 45 59.57	43.611	+ 6.96	+ 32.4	1 43 46.59	+ 1.65	+ 9 3 41.8	....
32	Jupiter II	5	43 53.14	+ 0.13	− 3.38	... .	......	....	. ....	1 43 49.89	− 1.65	.. ..	....
	October I, M.												
33	ε Tauri	9	23 6.89	+ 0.25	**− 3.39**	19 51 59.15	47.717	+ 7.32	+ 20.4	4 23 3.76	.....	+18 58 3.0	....
34	μ Eridani	9	40 47.98	+ 0.08	**− 3.33**	42 16 0.92	45.813	+ 7.32	+ 51.3	4 40 44.68	.....	− 3 25 46.2	....
35	π³ Orionis	9	44 43.69	+ 0.16	**− 3.37**	32 4 0.05	42.838	+ 7.32	+ 35.3	4 44 40.47	.....	+ 6 47 38.6	....
36	ε Ursæ Minoris s. P.	9	55 43.12	− 2.28	− 3.38	301 5 55.35	42.795	+ 7.32	−1 32.9	16 55 37.46	.....	+82 12 7.2	....
37	β Eridani	9	3 13.59	+ 0.06	**− 3.36**	44 4 1.70	42.563	+ 7.32	+ 54.5	5 3 10.27	.....	− 5 12 35.9	....
38	β Orionis	8	10 1.23	+ 0.04	**− 3.43**	47 10 1.45	42.578	+ 7.32	+1 0.7	5 9 57.89	.....	− 8 18 42.2	....
39	δ Ursæ Minoris s. P.	9	3 7.50	− 5.52	− 3.38	305 29 56.26	45.191	+ 7.32	−1 18.5	18 2 58.60	.....	+86 37 17.0	....
40	Moon II, S	9	31 46.05	+ 0.25	− 3.38	21 10 0.47	47.759	+ 7.32	+ 21.9	6 31 42.92	−69.00	+17 39 59.2	....
	October 2, M.												
41	Moon II, S	9	30 56.39	+ 0.21	− 3.44	22 5 59.77	45.145	+ 6.54	+ 23.4	7 30 53.16	−69.71	+16 44 58.9	....
	October 3, M.												
42	Sun I, N	9	35 52.84	+ 0.07	− 3.45	42 34 0.25	43.328	+ 5.97	+ 51.9	12 35 49.46	+64.36	− 3 42 48.6	....
43	Sun II, S	9	38 1.56	+ 0.07	− 3.45	43 6 1.45	43.235	+ 5.97	+ 52.8	12 37 58.18	−64.36	− 4 14 47.3	....
44	Venus I, C	9	5 43.01	0.00	− 3.45	51 18 2.87	46.811	+ 5.92	+1 10.3	14 5 39.56	+ 0.38	−12 28 28.5	....
45	ι Lyræ	9	3 57.33	+ 0.40	− 3.47	2 54 0.17	44.938	+ 5.66	+ 3.0	19 3 54.26	.....	+35 57 24.4	....
46	ψ Sagittarii	9	9 45.42	− 0.13	− 3.47	64 14 1.92	46.645	+ 5.69	+1 58.3	19 9 41.82	.....	−25 25 11.5	....
47	κ Cygni	9	14 57.37	+ 0.64	− 3.47	345 39 57.87	44.270	+ 5.71	− 14.6	19 14 54.54	.....	+53 11 59.5	....
48	δ Aquilæ	9	20 45.09	+ 0.13	**− 3.48**	35 55 58.95	42.495	+ 5.74	+ 41.5	19 20 41.75	.....	+ 2 55 43.0	....
49	β Cygni	8	26 56.13	+ 0.33	**− 3.47**	11 6 0.35	43.300	+ 5.76	+ 11.3	19 26 52.99	.....	+27 45 53.3	....
50	h Sagittarii	9	30 58.17	− 0.12	− 3.47	63 53 59.95	47.810	+ 5.78	+1 56.6	19 30 54.58	.....	−25 5 34.5	....
51	54 Sagittarii	9	35 19.47	− 0.03	− 3.47	55 19 59.85	46.710	+ 5.80	+1 22.8	19 35 15.97	.....	−16 30 35.5	....
52	γ Aquilæ	9	41 47.27	+ 0.19	**− 3.44**	28 27 59.92	44.513	+ 5.84	+ 31.1	19 41 43.99	.....	+10 23 6.2	....
53	166 B. Camelopardalis s. P.	9	48 50.05	− 1.04	− 3.47	293 3 53.07	44.442	+ 5.86	−2 13.3	7 48 45.54	.....	+74 10 0.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 0 14	......	....	57.0
0 39	29.48	57.7	56.2
1 5	......	....	55.1
1 29	......	....	55.7
1 46	29.465	[illegible]	55.2
4 23	29.45	56.7	56.0
5 14	29.45	56.9	57.0
5 57	29.45	57.4	57.1
6 26	29.45	56.9	56.3
2 7 31	29.69	52.6	49.6
3 12 38	29.77	61.8	60.8
14 6	29.77	[illegible]	62.1
19 4	29.85	57.5	55.2
19 30	......	....	55.5

Micrometer bisections are made at II, VI, except as noted below.

1, 26, 42.	Bisections at I, II.
9, 33.	Bisections at II, VI, VII.
12.	Bisection at II.
25, 27.	Bisections at II, VII.
31.	Z. D. threads A used.
31, 34, 35, 37, 44.	Bisections at I, II, VI, VII.
36, 39.	Bisections at b_1, b_2, b_5, b_8, b_9.
38.	Bisections at I, II, VI.
40, 41.	Bisections at II, III, IV, V, VI.
43.	Bisections at VI, VII.
53.	Bisections at III, IV, V.

Notes.

31, 32.	Circle reading decreased 2′.
33–40.	Conditions very poor.
39.	Microscopes read at beginning and end of observation.
46.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
31	+ 1.1	.. ....	...	+ 1.1
40	+20 41.9	+15 44.4	...	+36 26.3
41	+21 52.2	+15 58.2	...	+37 50.4
42	+ 5.9	−15 59.3	...	−15 53.4
43	+ 6.0	+15 59.3	...	+16 5.3
44	+ 4.4	.. ....	0.0	+ 4.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	4 B. Ursæ Minoris s. p. ..	9	2 49.17	−18.05	− 3.47	307 47 56.35	43.810	+ 5.92	−1 13.6	8 2 27.65	.....	+88 54 48.1	....
2	α² Capricorni	9	12 49.86	+ 0.02	**− 3.47**	51 40 1.00	46.335	+ 5.97	+1 12.6	20 12 46.41	.....	−12 50 18.1	....
3	γ Cygni	9	18 52.37	+ 0.46	− 3.47	358 53 58.52	45.123	+ 5.99	− 1.0	20 18 49.36	.....	+39 57 25.5	....
4	ρ Capricorni	8	23 29.42	− 0.02	**− 3.50**	56 58 0.15	43.930	+ 6.01	+1 28.3	20 23 25.93	.....	−18 7 38.0	....
5	212 H¹. Draconis	9	30 30.71	+ 1.26	− 3.47	326 39 54.87	42.935	+ 6.05	− 37.7	20 30 28.50	.....	+72 12 55.8	....
6	υ Capricorni	9	34 41.43	− 0.02	− 3.47	57 18 0.55	45.750	+ 6.06	+1 29.5	20 34 37.94	.....	−18 28 21.3	....
7	ε Aquarii	9	42 34.98	+ 0.06	**− 3.47**	48 40 0.75	47.350	+ 6.10	+1 5.4	20 42 31.57	.....	− 9 50 34.0	....
8	76 Draconis	9	49 39.82	+ 2.66	− 3.47	316 41 55.05	43.159	+ 6.13	− 54.0	20 49 39.01	.....	+82 11 6.7	....
9	θ Capricorni	9	0 39.51	0.00	**− 3.52**	56 25 58.05	46.660	+ 6.18	+1 26.7	21 0 36.04	.....	−17 36 36.9	....
10	ν Aquarii	9	4 28.26	+ 0.05	**− 3.53**	50 35 58.00	44.018	+ 6.20	+1 10.0	21 4 24.84	.....	−11 45 19.8	....
11	τ Cygni	9	11 3.42	+ 0.45	− 3.47	1 11 56.87	47.185	+ 6.22	+ 1.3	21 11 0.40	.....	+37 38 37.5	....
12	α Cephei	9	16 23.37	+ 0.84	− 3.47	336 39 55.87	46.753	+ 6.25	− 24.7	21 16 20.74	.....	+62 11 14.2	....
	October 3, Br.												
13	υ⁷ Eridani	9	31 55.07	− 0.10	− 3.59	69 33 59.52	45.496	+ 6.22	+2 36.2	4 31 51.38	− 2.24	−30 45 21.2	−12.0
14	258 G. Eridani	9	36 13.22	− 0.03	− 3.59	63 30 0.75	43.718	+ 6.22	+1 57.0	4 36 9.60	− 2.32	−24 40 2.3	−10.7
15	μ Eridani	8	40 48.17	+ 0.17	**− 3.56**	42 16 0.92	45.745	+ 6.22	+ 53.2	4 40 44.75	.....	− 3 25 45.1	....
16	π⁴ Orionis	9	46 11.71	+ 0.24	− 3.59	33 24 1.00	45.733	+ 6.22	+ 38.6	4 46 8.36	− 2.78	+ 5 26 29.3	− 2.5
17	k Tauri	4	52 23.23	+ 0.40	− 3.59	13 56 0.55	47.968	+ 6.22	+ 14.6	4 52 20.04	− 3.19	+24 54 2.9	+ 4.0
18	157 H¹. Cephei	9	58 3.17	+ 5.49	− 3.59	313 1 56.22	46.998	+ 6.22	−1 2.4	4 58 5.07	−23.84	+85 49 46.2	+20.8
19	β Orionis	9	10 1.39	+ 0.13	**− 3.62**	47 10 1.75	42.468	+ 6.22	+1 3.2	5 9 57.93	.....	− 8 18 41.3	....
20	β Tauri	9	20 19.68	+ 0.44	**− 3.63**	10 20 1.55	44.440	+ 6.22	+ 10.7	5 20 16.53	.....	+28 31 26.2	....
21	δ Orionis	9	27 11.99	+ 0.20	**− 3.58**	39 12 0.80	47.125	+ 6.22	+ 47.9	5 27 8.60	.....	− 0 22 11.5	....
22	σ Orionis	9	34 1.39	+ 0.18	− 3.59	41 30 0.65	44.628	+ 6.22	+ 52.0	5 33 57.98	− 2.40	− 2 39 18.4	− 1.8
23	κ Orionis	9	43 17.95	+ 0.12	**− 3.60**	48 32 2.30	46.273	+ 6.22	+1 6.5	5 43 14.48	.....	− 9 42 12.1	....
24	δ Leporis	9	47 17.29	+ 0.01	− 3.59	59 41 59.60	47.420	+ 6.22	+1 40.4	5 47 13.71	− 2.04	−20 53 9.5	− 6.2
25	139 Tauri	9	52 8.25	+ 0.41	− 3.60	12 54 0.60	47.218	+ 6.22	+ 13.5	5 52 5.06	− 2.82	+25 56 20.9	+ 8.9
26	1 Geminorum	9	58 22.99	+ 0.39	**− 3.55**	15 34 0.55	48.140	+ 6.22	+ 16.5	5 58 19.78	.....	+23 15 56.8	....
27	36 Camelopardalis	7	3 18.80	+ 1.10	− 3.60	333 7 56.95	45.215	+ 6.22	− 29.7	6 3 16.30	− 4.59	+65 43 53.3	+22.3
28	η Geminorum	9	9 10.81	+ 0.38	**− 3.52**	16 18 2.10	48.143	+ 6.22	+ 17.3	6 9 7.59	.....	+22 31 54.4	....
29	Moon II, S.	9	30 58.40	+ 0.35	− 3.57	24 10 0.07	47.265	+ 6.91	+ 26.3	8 30 55.18	−70.00	+14 40 6.9	....
30	Mercury II, C.	9	39 11.07	+ 0.27	− 3.58	34 46 2.32	46.666	+ 6.37	+ 39.9	11 39 7.76	− 0.22	+ 4 4 5.3	....
	October 4, Br.												
31	Sun I, N.	9	39 30.94	+ 0.18	− 3.58	42 56 2.97	46.175	+ 6.37	+ 53.3	12 39 27.54	+64.56	− 4 5 58.1	....
32	Sun II, S.	8	41 40.05	+ 0.18	− 3.58	43 28 3.40	46.408	+ 6.37	+ 54.3	12 41 36.65	−64.55	− 4 38 3.7	....
33	Venus I, C.	9	10 25.18	+ 0.08	− 3.58	51 46 1.30	45.316	+ 6.28	+1 12.2	14 10 21.68	+ 0.38	−12 55 55.0	....
34	Venus II.	9	10 25.89	+ 0.08	− 3.58	... .	......	....	. ....	14 10 22.39	− 0.33	.. ..	....
	October 4, M.												
35	70 B. Ursæ Minoris s. p. ..	9	34 44.77	− 1.50	− 3.48	296 31 56.77	45.048	+ 6.55	−1 55.4	16 34 39.79	+ 5.99	+77 38 36.9	−20.0
36	μ Eridani	9	40 48.13	+ 0.14	**− 3.47**	42 16 3.62	45.695	+ 6.55	+ 52.8	4 40 44.79	.....	− 3 25 46.9	....
37	o¹ Orionis	9	47 12.31	+ 0.27	− 3.48	24 45 57.35	43.948	+ 6.55	+ 26.8	4 47 9.10	− 2.98	+14 5 25.3	+ 0.1
38	ε Ursæ Minoris s. p.	8	55 43.27	− 2.53	− 3.48	301 5 56.52	42.927	+ 6.55	−1 35.8	16 55 37.26	.....	+82 12 7.7	....
39	β Eridani	9	3 13.71	+ 0.12	**− 3.47**	44 2 0.92	47.785	+ 6.55	+ 56.3	5 3 10.35	.....	− 5 12 35.4	....
40	μ Leporis	9	8 42.98	+ 0.02	− 3.48	55 8 0.10	47.888	+ 6.55	+1 23.4	5 8 39.52	− 2.33	−16 19 4.1	− 7.1
41	τ Orionis	9	13 2.58	+ 0.11	**− 3.51**	45 48 0.57	43.088	+ 6.55	+ 59.8	5 12 59.21	.....	− 6 56 51.3	....
42	η Orionis (*brighter*)	9	19 44.78	+ 0.14	− 3.48	41 19 58.25	44.230	+ 6.55	+ 51.2	5 19 41.44	− 2.50	− 2 29 6.4	− 2.7
43	ι Orionis	9	30 49.97	+ 0.11	**− 3.45**	44 48 0.90	47.113	+ 6.55	+ 57.8	5 30 46.60	.....	− 5 58 21.5	....
44	23 Camelopardalis	9	35 26.02	+ 0.91	− 3.48	337 25 55.82	46.220	+ 6.55	− 24.1	5 35 23.45	− 4.66	+61 25 25.5	+18.9
45	κ Orionis	9	43 17.92	+ 0.08	**− 3.50**	48 31 59.60	46.410	+ 6.55	+1 5.9	5 43 14.52	.....	− 9 42 12.3	....
46	99 B. Camelopardalis	9	52 28.19	+ 1.10	− 3.48	331 57 54.97	47.035	+ 6.55	− 30.9	5 52 25.81	− 5.01	+66 53 14.7	+21.8
47	δ Ursæ Minoris s. p.	9	3 6.39	− 6.14	− 3.48	305 29 54.65	45.437	+ 6.55	−1 21.1	18 2 56.77	.....	+86 37 17.7	....
48	k Orionis	9	11 8.91	+ 0.26	− 3.48	26 31 58.35	48.018	+ 6.55	+ 29.1	6 11 5.69	− 2.47	+12 17 49.0	+ 5.3
49	μ Geminorum	9	17 14.96	+ 0.34	**− 3.47**	16 17 58.22	43.905	+ 6.55	+ 17.1	6 17 11.82	.....	+22 33 35.0	....
50	φ Draconis s. p.	9	22 11.47	− 0.88	− 3.48	290 11 54.40	44.525	+ 6.55	−2 36.2	18 22 7.11	+ 0.92	+71 17 41.8	−30.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 19 53	29.87	56.2	54.8
20 22	......	....	53.7
20 55	......	....	53.7
21 14	29.90	54.8	53.0
4 28	29.985	48.9	47.0
4 46	......	....	46.8
5 13	29.99	48.2	46.2
5 27	......	....	45.7
5 58	......	....	45.1
6 14	30.01	47.1	44.8
8 32	30.05	50.2	47.5
11 39	30.08	58.0	57.5
4 12 42	30.07	60.5	59.0
14 10	30.05	63.0	61.7
4 32	29.99	51.8	50.7
5 1	......	....	50.0
5 27	29.99	51.0	50.0
5 55	......	....	49.5

Micrometer bisections are made at II, VI, except as noted below.

1, 38, 47.	Bisections at b_1, b_2, b_5, b_8, b_9.
5, 35, 46, 50.	Bisections at III, V.
8.	Bisections at b_1, b_2, b_5, b_8.
13, 30, 33.	Bisections at I, II, VI, VII.
14, 15, 17, 27, 32.	Bisections at VI, VII.
18.	Bisections at b_4, b_5, b_6.
29.	Bisections at II, III, IV, V, VI.
31.	Bisections at I, II.
43.	Bisections at II, VI, VII.

Notes.

1. Microscopes read in middle and at end of observation.
27. Micrometer reading increased 1 rev.
50. Circle reading increased 2′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
29	+24 10.0	+16 12.0	...	+40 22.0
30	+ 4.8	.. ....	+ 0.5	+ 5.3
31	+ 6.0	−16 2.8	...	−15 56.8
32	+ 6.0	+16 2.8	...	+16 8.8
33	+ 4.5	.. ....	0.0	+ 4.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon II	9	31 16.29	+ 0.28	− 3.50	27 4	......	. ....	. ....	9 31 13.07	−69.96	.. ..	....
2	Mercury C, C	9	44 15.00	+ 0.18	− 3.50	35 11 58.35	48.255	+ 6.48	+ 39.8	11 44 11.68	− 0.05	+ 3 37 32.9	....
	October 5, M.												
3	Sun I, N	9	43 9.29	+ 0.10	− 3.50	43 19 54.35	44.385	+ 6.48	+ 52.8	12 43 5.89	+64.51	− 4 29 8.2	....
4	Sun II, S	9	45 18.31	+ 0.10	− 3.50	43 51 54.85	44.428	+ 6.48	+ 53.8	12 45 14.91	−64.51	− 5 1 9.5	....
5	Venus I, C	9	15 8.10	+ 0.02	− 3.51	52 13 57.27	43.325	+ 5.83	+1 11.7	14 15 4.61	+ 0.38	−13 23 4.5	....
	October 5, Ei.-Y.												
6	β Aquilæ	9	50 41.60	+ 0.13	− 3.52	32 39 54.57	46.525	+ 5.64	+ 36.1	19 50 38.19	.....	+ 6 10 20.8	....
7	τ Aquilæ	9	59 32.79	+ 0.14	− 3.52	31 49 54.47	45.455	+ 5.64	+ 34.9	19 59 29.39	.....	+ 7 0 46.5	....
8	B. D. −17°5860	9	1 40.39	− 0.06	− 3.54	56 17 54.17	45.378	+ 5.64	+1 24.2	20 1 36.79	− 2.60	−17 28 0.7	−16.4
9	B. D. −19°5731	9	4 57.99	− 0.08	− 3.54	58 29 55.02	43.825	+ 5.64	+1 31.5	20 4 54.37	− 2.64	−19 39 33.3	−15.7
10	B. D. −13°5608	8	7 11.13	− 0.02	− 3.54	51 43 54.67	45.028	+ 5.64	+1 11.2	20 7 7.57	− 2.57	−12 53 40.2	−18.1
11	B. D. −22°5372	9	8 45.66	− 0.11	− 3.54	61 9 54.17	43.305	+ 5.64	+1 41.8	20 8 42.01	− 2.68	−22 19 30.9	−15.0
12	C. P. D. −23°7684	9	10 35.93	− 0.12	− 3.54	62 37 54.22	44.335	+ 5.64	+1 48.3	20 10 32.27	− 2.71	−23 48 0.6	−14.6
13	4 Capricorni	9	12 29.46	− 0.11	− 3.54	60 55 54.75	45.090	+ 5.64	+1 40.9	20 12 25.81	− 2.70	−22 6 11.3	−15.2
14	B. D. −15°5626	9	15 29.18	− 0.04	− 3.54	53 53 53.92	48.320	+ 5.64	+1 17.0	20 15 25.60	− 2.63	−15 5 0.4	−17.7
15	C. P. D. −26°6996	9	18 57.29	− 0.15	− 3.54	64 57 54.60	44.795	+ 5.64	+2 0.0	20 18 53.60	− 2.77	−26 8 23.4	−14.1
16	B. D. −14°5753	9	22 48.11	− 0.03	− 3.54	53 7 54.35	47.260	+ 5.64	+1 15.0	20 22 44.54	− 2.65	−14 18 34.9	−18.2
17	B. D. −22°5442	9	23 59.83	− 0.11	− 3.54	61 31 54.40	45.483	+ 5.64	+1 43.5	20 23 56.18	− 2.75	−22 42 22.6	−15.4
18	B. D. −21°5752	9	27 58.22	− 0.10	− 3.54	60 1 54.45	47.885	+ 5.64	+1 37.4	20 27 54.58	− 2.74	−21 13 11.3	−16.1
19	B. D. −12°5778	9	31 5.07	− 0.02	− 3.54	51 31 53.75	47.360	+ 5.64	+1 10.8	20 31 1.51	− 2.67	−12 42 32.1	−19.0
20	B. D. −15°5743	9	34 0.66	− 0.04	− 3.54	54 7 54.60	43.603	+ 5.64	+1 17.7	20 33 57.08	− 2.71	−15 17 14.3	−18.2
21	α Delphini	9	35 16.64	+ 0.20	− 3.52	23 15 53.30	45.840	+ 5.64	+ 24.2	20 35 13.30	.....	+15 34 49.6	....
22	B. D. −13°5736	9	37 26.27	− 0.02	− 3.54	52 15 54.05	45.270	+ 5.64	+1 12.7	20 37 22.71	− 2.70	−13 25 46.6	−18.9
23	B. D. −22°5523	9	40 42.54	− 0.10	− 3.54	60 41 54.95	43.450	+ 5.64	+1 40.0	20 40 38.90	− 2.80	−21 51 33.2	−16.3
24	B. D. −21°5840	9	43 48.65	− 0.10	− 3.54	59 47 54.42	46.420	+ 5.64	+1 36.5	20 43 45.01	− 2.80	−20 58 37.0	−16.7
25	B. D. −13°5779	8	47 19.58	− 0.02	− 3.54	52 23 53.87	44.693	+ 5.64	+1 13.0	20 47 16.02	− 2.74	−13 33 33.5	−19.2
26	B. D. −19°5960	9	49 25.48	− 0.08	− 3.54	57 57 55.32	48.263	+ 5.64	+1 29.9	20 49 21.86	− 2.80	−19 9 13.4	−17.5
27	B. D. −19°5982	9	54 15.36	− 0.08	− 3.54	58 13 53.42	45.618	+ 5.64	+1 30.8	20 54 11.74	− 2.82	−19 24 12.0	−17.6
28	B. D. −16°5769	9	57 20.31	− 0.05	− 3.54	54 41 54.92	42.208	+ 5.64	+1 19.4	20 57 16.72	− 2.80	−15 50 44.2	−18.8
29	B. D. −14°5936 (*pr.*)	9	1 56.84	− 0.03	− 3.54	53 7 54.62	46.120	+ 5.64	+1 15.1	21 1 53.27	− 2.80	−14 18 9.0	−19.4
30	ν Aquarii	9	4 28.29	− 0.01	− 3.53	50 35 53.77	44.278	+ 5.64	+1 8.5	21 4 24.74	.....	−11 45 19.4	....
31	B. D. −15°5908	9	6 29.58	− 0.04	− 3.54	53 41 53.70	44.655	+ 5.64	+1 16.6	21 6 26.00	− 2.82	−14 51 36.1	−19.3
32	B. D. −16°5827	9	10 21.41	− 0.05	− 3.54	55 17 54.90	48.338	+ 5.64	+1 21.3	21 10 17.82	− 2.85	−16 29 6.1	−18.9
33	B. D. −20°6178	9	13 6.12	− 0.09	− 3.54	59 33 54.32	44.893	+ 5.64	+1 35.7	21 13 2.49	− 2.89	−20 44 1.2	−17.7
34	B. D. − 8°5634	9	16 56.06	+ 0.02	− 3.54	46 45 54.02	44.893	+ 5.64	+ 59.9	21 16 52.54	− 2.82	− 7 55 25.1	−21.6
35	B. D. −10°5668	9	20 10.02	0.00	− 3.54	48 59 55.85	43.893	+ 5.64	+1 4.7	21 20 6.48	− 2.84	−10 9 8.8	−21.0
36	B. D. −21°6020	8	21 54.92	− 0.10	− 3.54	60 25 54.62	45.848	+ 5.64	+1 39.1	21 21 51.28	− 2.92	−21 36 26.4	−17.7
37	B. D. −14°6039	9	24 31.33	− 0.03	− 3.54	53 15 53.82	46.835	+ 5.64	+1 15.4	21 24 27.76	− 2.88	−14 26 24.5	−19.8
38	B. D. −15°6005	8	27 31.29	− 0.04	− 3.54	53 43 53.85	43.615	+ 5.64	+1 16.6	21 27 27.71	− 2.90	−14 53 12.5	−19.8
39	B. D. −20°6251	9	31 49.01	− 0.08	− 3.54	58 48 53.40	43.758	+ 5.64	+1 32.5	21 31 45.39	− 2.94	−19 53 31.1	−18.4
40	B. D. −13°5985	9	34 32.74	− 0.02	− 3.54	51 53 55.05	43.553	+ 5.64	+1 11.8	21 34 29.18	− 2.91	−13 3 7.4	−20.4
41	B. D. −15°6046	9	37 56.75	− 0.04	− 3.54	53 39 54.32	45.770	+ 5.64	+1 13.5	21 37 53.17	− 2.93	−14 50 2.1	−20.0
42	B. D. − 9°5827	9	39 54.59	+ 0.01	− 3.54	48 17 56.55	47.130	+ 5.64	+1 3.2	21 39 51.06	− 2.91	− 9 28 22.1	−21.5
43	B. D. − 6°5827	9	42 41.51	+ 0.03	− 3.54	45 11 54.40	44.910	+ 5.64	+ 56.7	21 42 38.00	− 2.91	− 6 21 22.7	−22.3
44	B. D. − 9°5854	8	45 35.17	+ 0.01	− 3.54	48 15 56.12	44.828	+ 5.64	+1 3.1	21 45 31.64	− 2.93	− 9 25 29.0	−21.5
45	B. D. −14°6150	9	48 15.52	− 0.04	− 3.54	53 27 54.62	46.200	+ 5.64	+1 15.9	21 48 11.94	− 2.96	−14 38 11.6	−20.2
46	B. D. −18°6037	9	51 35.52	− 0.07	− 3.54	57 11 53.95	42.325	+ 5.64	+1 27.2	21 51 31.91	− 2.98	−18 20 53.7	−19.3
47	B. D. −13°6074	9	56 1.31	− 0.02	− 3.54	52 17 55.55	47.985	+ 5.64	+1 12.8	21 55 57.75	− 2.98	−13 28 50.2	−20.6
48	B. D. − 7°5688	7	58 20.09	+ 0.03	− 3.54	45 49 54.40	43.483	+ 5.64	+ 57.9	21 58 16.58	− 2.97	− 6 58 51.3	−22.2
49	θ Aquarii	9	11 52.71	+ 0.02	− 3.55	47 5 54.92	44.650	+ 5.64	+1 0.5	22 11 49.19	.....	− 8 15 21.0	....
50	γ Aquarii	9	16 48.46	+ 0.07	− 3.57	40 41 53.17	46.705	+ 5.64	+ 48.4	22 16 44.99	.....	− 1 51 54.2	....
	October 6, Br.												
51	Mercury II, C	9	55 5.63	+ 0.31	− 3.74	36 13 58.72	47.036	+ 6.85	+ 43.3	11 55 2.20	− 0.20	+ 2 35 56.5	....
	October 7, Br.												
52	Sun I, S	9	50 27.64	+ 0.23	− 3.75	44 37 57.68	44.338	+ 6.85	+ 58.1	12 50 24.12	+64.62	− 5 47 16.1	....
53	Sun II, N	9	52 36.89	+ 0.23	− 3.75	44 5 57.10	44.285	+ 6.85	+ 57.0	12 52 33.37	−64.63	− 5 15 12.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 6 25	29.98	50.8	49.6
11 44	29.95	54.0	55.5
5 12 45	29.93	67.1	68.1
14 15	29.88	69.3	70.5
19 52	29.84	65.5	64.3
20 14	......	....	64.1
20 38	29.82	64.5	63.6
21 3	......	....	62.9
21 29	29.806	63.5	62.8
21 53	......	....	63.0
22 18	29.806	63.6	63.1
6 11 55	30.12	50.5	48.0
7 12 53	30.11	51.9	49.3

Micrometer bisections are made at II, VI, except as noted below.

2, 5, 51. Bisections at I, II, VI, VII.
3, 16, 20, 52. Bisections at I, II.
4, 12, 36, 37, 53. Bisections at VI, VII.
15, 18, 35, 39, 49. Bisections at II, VII.

Notes.
36, 48–50. Clouds.
38, 45. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
2	+ 4.8	.. ....	+0.4	+ 5.2
3	+ 6.0	−16 0.6	...	−15 54.6
4	+ 6.1	+16 0.6	...	+16 6.7
5	+ 4.6	.. ....	0.0	+ 4.6
51	+ 4.7	.. ....	+0.4	+ 5.1
52	+ 6.2	+16 2.0	...	+16 8.2
53	+ 6.1	−16 2.0	...	−15 55.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, C	4	24 37.41	+ 0.13	− 3.75	53 6 3.42	46.284	+ 6.44	+1 18.0	14 24 33.79	+ 0.41	−14 16 25.2	....
2	Venus II	5	24 38.16	+ 0.13	− 3.75	... .	......	....	....	14 24 34.54	− 0.34	.. ..	....
3	β Cygni	9	26 56.18	+ 0.47	− **3.74**	11 6 5.05	43.058	+ 6.46	+ 11.6	19 26 52.86	.....	+27 45 53.1	....
4	54 Sagittarii	9	35 19.64	+ 0.10	− 3.79	55 20 5.18	46.360	+ 6.46	+1 25.5	19 35 15.95	.....	−16 30 36.2	....
5	γ Aquilæ	9	41 47.43	+ 0.32	− **3.80**	28 28 4.55	44.218	+ 6.46	+ 32.1	19 41 43.96	.....	+10 23 6.7	....
6	166 B. Camelopardalis S. P.	8	48 51.07	− 1.08	− 3.79	293 3 58.60	44.410	+ 6.46	−2 17.8	7 48 46.20	.....	+74 10 1.7	....
7	4 B. Ursæ Minoris S. P.	9	2 56.83	−20.21	− 3.79	307 47 59.45	43.802	+ 6.46	−1 16.1	8 2 32.83	.....	+88 54 48.9	....
8	γ Cygni	9	18 52.38	+ 0.61	− 3.79	358 54 3.35	44.845	+ 6.46	− 1.1	20 18 49.20	.....	+39 57 26.6	....
9	ρ Capricorni	9	23 29.52	+ 0.09	− **3.77**	56 58 4.58	43.623	+ 6.46	+1 31.2	20 23 25.82	.....	−18 7 38.8	....
10	212 H^1. Draconis	9	30 30.47	+ 1.53	− 3.79	326 40 0.08	42.740	+ 6.46	− 38.9	20 30 28.21	.....	+72 12 55.9	....
11	υ Capricorni	9	34 41.57	+ 0.09	− 3.79	57 18 4.25	45.540	+ 6.46	+1 32.4	20 34 37.87	.....	−18 28 23.5	....
12	ε Aquarii	9	42 35.17	+ 0.17	− **3.83**	48 40 4.68	47.030	+ 6.46	+1 7.5	20 42 31.55	.....	− 9 50 33.3	....
13	76 Draconis	9	49 39.06	+ 3.19	− 3.79	316 41 59.82	42.997	+ 6.46	− 55.7	20 49 38.46	.....	+82 11 6.9	....
14	θ Capricorni	9	0 39.64	+ 0.10	− **3.81**	56 26 3.92	46.270	+ 6.46	+1 29.4	21 0 35.95	.....	−17 36 36.8	....
15	ν Aquarii	9	4 28.36	+ 0.16	− **3.80**	50 36 4.22	43.630	+ 6.46	+1 12.2	21 4 24.73	.....	−11 45 19.6	....
16	τ Cygni	9	11 3.48	+ 0.60	− 3.79	1 12 2.20	46.915	+ 6.46	+ 1.3	21 11 0.29	.....	+37 38 37.8	....
17	α Cephei	9	16 23.34	+ 1.06	− 3.79	336 40 0.78	46.538	+ 6.46	− 25.5	21 16 20.61	.....	+62 11 15.0	....
18	1 H. Draconis S. P.	9	23 31.24	− 2.47	− 3.79	300 37 58.55	44.213	+ 6.46	−1 39.6	9 23 24.98	.....	+81 44 35.3	....
19	11 Cephei	9	40 37.84	+ 1.48	− 3.79	327 59 59.92	43.335	+ 6.46	− 37.0	21 40 35.53	.....	+70 52 40.5	....
20	109 B. Ursæ Majoris S. P.	9	49 53.01	− 1.04	− 3.79	292 13 58.32	43.872	+ 6.46	−2 24.2	9 49 48.18	.....	+73 19 42.8	....
21	η Piscis Australis (*mean*)	9	55 26.33	− 0.02	− 3.79	67 44 2.95	43.990	+ 6.46	+2 24.8	21 55 22.52	− 3.04	−28 54 39.1	−16.2
22	α Aquarii	9	0 57.72	+ 0.26	− **3.77**	39 38 4.52	43.305	+ 6.46	+ 49.4	22 0 54.19	.....	− 0 46 49.7	....
23	π Pegasi	9	5 49.86	+ 0.56	− 3.79	6 8 3.52	46.028	+ 6.46	+ 6.5	22 5 46.63	.....	+32 42 52.1	....
24	32 Ursæ Majoris S. P.	9	11 8.27	− 0.60	− 3.79	284 29 58.88	45.165	+ 6.46	−3 45.5	10 11 3.88	.....	+65 34 51.6	....
25	γ Aquarii	9	16 48.48	+ 0.25	− **3.79**	40 42 3.50	46.085	+ 6.46	+ 51.3	22 16 44.94	.....	− 1 51 54.4	....
26	π Aquarii	9	20 29.03	+ 0.28	− **3.80**	37 56 3.52	47.165	+ 6.46	+ 46.5	22 20 25.52	.....	+ 0 53 46.0	....
	October 8, M.												
27	Sun I, S	9	54 7.18	+ 0.21	− 3.68	45 0 4.45	46.613	+ 7.53	+ 57.5	12 54 3.71	+64.67	− 6 10 15.0	....
28	Sun II, N	9	56 16.53	+ 0.21	− 3.68	44 28 5.30	46.500	+ 7.53	+ 56.4	12 56 13.06	−64.68	− 5 38 10.9	....
29	Venus I, C	9	29 23.54	+ 0.14	− 3.69	53 32 **6.38**	46.628	+ 7.42	+1 17.1	14 29 19.99	+ 0.28	−14 42 36.1	....
	October 9, M.												
30	β Eridani	9	3 14.13	+ 0.06	− **3.70**	44 2 0.52	47.875	+ 5.74	+ 54.9	5 3 10.46	.....	− 5 12 35.1	....
31	μ Leporis	8	8 43.40	− 0.03	− 3.73	55 8 0.25	48.015	+ 5.74	+1 21.4	5 8 39.64	− 2.46	−16 19 4.3	− 6.7
32	τ Orionis	9	13 3.01	+ 0.05	− **3.75**	45 48 0.80	43.175	+ 5.74	+ 58.3	5 12 59.33	.....	− 6 56 51.2	....
33	η Orionis (*brighter*)	9	19 45.31	+ 0.08	− 3.73	41 19 58.52	44.305	+ 5.74	+ 49.9	5 19 41.66	− 2.63	− 2 29 6.3	− 2.5
34	18 Camelopardalis	9	24 28.03	+ 0.66	− 3.73	341 41 55.68	47.325	+ 5.74	− 18.7	5 24 24.96	− 4.65	+57 8 55.9	+16.3
35	ι Orionis	9	30 50.44	+ 0.05	− **3.73**	44 48 0.62	47.253	+ 5.74	+ 56.4	5 30 46.76	.....	− 5 58 22.3	....
36	23 Camelopardalis	9	35 26.52	+ 0.75	− 3.73	337 25 55.20	46.235	+ 5.74	− 23.5	5 35 23.54	− 4.92	+61 25 26.2	+18.5
37	κ Orionis	9	43 18.38	+ 0.03	− **3.77**	48 32 0.12	46.518	+ 5.74	+1 4.2	5 43 14.68	.....	− 9 42 12.8	....
38	99 B. Camelopardalis	9	52 28.81	+ 0.91	− 3.73	331 57 54.78	47.028	+ 5.74	− 30.1	5 52 25.99	− 5.34	+66 53 14.8	+21.4
39	δ Ursæ Minoris S. P.	7	3 4.49	− 5.32	− 3.73	305 29 54.60	45.358	+ 5.74	−1 19.1	18 2 55.44	.....	+86 37 17.0	....
40	k Orionis	9	11 9.33	+ 0.18	− 3.73	26 31 59.92	48.020	+ 5.74	+ 28.4	6 11 5.78	− 2.61	+12 17 48.9	+ 5.5
41	μ Geminorum	8	17 15.46	+ 0.26	− **3.74**	16 18 0.32	43.880	+ 5.74	+ 16.6	6 17 11.99	.....	+22 33 34.8	....
42	φ Draconis S. P.	9	22 11.21	− 0.78	− 3.73	290 11 52.40	44.453	+ 5.74	−2 32.3	18 22 6.70	+ 1.26	+71 17 41.3	−29.8
43	8 Lyncis	8	29 2.19	+ 0.75	− 3.73	337 17 57.10	45.858	+ 5.74	− 23.6	6 28 59.21	.....	+61 33 32.8	....
44	156 H^1. Draconis S. P.	9	34 25.72	− 1.30	− 3.73	296 21 53.88	45.763	+ 5.74	−1 53.5	18 34 20.69	+ 2.52	+77 28 51.5	−30.4
45	ξ Geminorum	9	40 0.09	+ 0.19	− **3.70**	25 49 59.70	48.140	+ 5.74	+ 27.6	6 39 56.55	.....	+12 59 47.1	....
46	κ Canis Majoris	9	46 21.00	− 0.19	− 3.73	71 12 0.95	46.210	+ 5.74	+2 45.6	6 46 17.08	− 1.76	−32 23 47.9	− 5.6
47	51 H. Cephei	9	55 58.22	+ 6.82	− 3.73	311 39 54.78	47.750	+ 5.74	−1 3.5	6 56 1.31	.....	+87 11 31.5	....
48	Mercury II, C	9	12 34.62	+ 0.10	− 3.76	38 3 58.38	44.446	+ 5.37	+ 43.0	12 12 30.96	− 0.18	+ 0 46 57.9	....
	October 10, M.												
49	Sun I, N	9	1 28.08	+ 0.05	− 3.76	45 13 55.18	46.155	+ 5.37	+ 55.1	13 1 24.37	+64.84	− 6 23 50.7	....
50	Sun II, S	9	3 37.76	+ 0.05	− 3.76	45 46 0.12	46.132	+ 5.37	+ 56.2	13 3 34.05	−64.84	− 6 55 55.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 14 25	30.28	53.1	51.2
19 27	30.24	47.1	45.9
20 13	30.24	45.8	44.1
20 47	......	....	44.1
21 25	30.24	44.8	43.8
22 1	......	....	42.1
22 20	30.24	43.0	42.1
8 12 56	30.17	57.8	59.0
14 29	30.13	60.9	62.0
9 5 3	29.86	61.2	60.2
5 28	......	....	60.0
5 52	29.85	60.7	59.6
6 16	......	....	59.7
6 52	29.86	60.6	59.7
12 13	29.85	74.6	76.0
10 13 4	29.83	76.0	78.1

Micrometer bisections are made at II, VI, except as noted below.

1, 29, 48.	Bisections at I, II, VI, VII.
6, 7, 10, 13, 17–20, 24, 42, 44.	Bisections at III, IV, V.
12, 16, 25, 27, 49.	Bisections at I, II.
23, 28, 50.	Bisections at VI, VII.
30.	Bisection at II.
36.	Bisections at III, V.
39.	Bisections at b_2, b_5, b_8, b_9.
47.	Bisections at b_1, b_2, b_5, b_8, b_9.

Notes.

24. Unsteady.
39. Haze.
40. Poor.
46. Clouds; poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	° ′ ″
1	+ 4.6	.. ....	− 0.1	+ 4.5
27	+ 6.2	+16 2.0	...	+16 8.2
28	+ 6.2	−16 2.1	...	−15 55.9
29	+ 4.6	.. ....	− 0.1	+ 4.5
48	+ 4.5	.. ....	+ 0.2	+ 4.7
49	+ 6.2	−16 2.1	...	−15 55.9
50	+ 6.3	+16 2.1	...	+16 8.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, C	9	38 59.57	− 0.01	− 3.76	54 24 1.40	45.136	+ 5.69	+1 15.6	14 38 55.80	+ 0.39	−15 33 53.8	....
	October 10, Ei.-Y.												
2	C. P. D. −24°7050	9	34 35.79	− 0.19	− 3.80	62 55 58.75	47.525	+ 5.03	+1 47.4	20 34 31.80	− 2.71	−24 7 17.1	−15.0
3	ε Aquarii	9	42 35.40	− 0.07	− 3.87	48 39 59.60	47.580	+ 5.03	+1 2.5	20 42 31.53	....	− 9 50 34.3	....
4	θ Capricorni	9	0 39.82	− 0.13	− 3.81	56 25 57.58	46.905	+ 5.03	+1 22.8	21 0 35.89	....	−17 36 37.2	....
5	B. D. −21°5933	9	3 10.53	− 0.16	− 3.80	60 23 58.38	46.065	+ 5.03	+1 36.7	21 3 6.57	− 2.79	−21 34 32.7	−16.7
6	B. D. −18°5875	9	5 14.73	− 0.14	− 3.80	57 31 57.32	47.800	+ 5.03	+1 26.4	21 5 10.79	− 2.77	−18 43 1.0	−17.7
7	B. D. −11°5553	9	9 11.81	− 0.08	− 3.80	49 49 59.18	45.550	+ 5.03	+1 5.2	21 9 7.93	− 2.74	−10 59 50.2	−20.2
8	B. D. −18°5903	9	12 41.08	− 0.13	− 3.80	57 13 57.85	42.490	+ 5.03	+1 25.4	21 12 37.15	− 2.80	−18 22 59.1	−18.0
9	B. D. −11°5578	9	15 43.52	− 0.08	− 3.80	50 35 57.30	43.560	+ 5.03	+1 7.0	21 15 39.64	− 2.77	−11 45 4.7	−20.2
10	B. D. −21°6007	9	18 49.87	− 0.16	− 3.80	60 5 58.95	43.010	+ 5.03	+1 35.6	21 18 45.91	− 2.84	−21 15 22.3	−17.2
11	ζ Capricorni	9	21 18.11	− 0.17	− 3.80	61 37 58.48	48.080	+ 5.03	+1 41.9	21 21 14.14	....	−22 49 24.0	....
12	B. D. −12°6005	9	23 8.79	− 0.08	− 3.80	50 47 57.55	48.033	+ 5.03	+1 7.6	21 23 4.91	− 2.80	−11 58 47.5	−20.2
13	B. D. −17°6302	9	26 1.87	− 0.12	− 3.80	56 29 57.48	46.885	+ 5.03	+1 23.3	21 25 57.95	− 2.84	−17 40 37.1	−18.5
14	B. D. −20°6238	9	29 37.92	− 0.15	− 3.80	59 29 58.75	45.950	+ 5.03	+1 33.5	21 29 33.97	− 2.87	−20 40 27.2	−17.7
15	ξ Aquarii	9	32 45.20	− 0.06	− 3.75	47 7 59.20	43.040	+ 5.03	+ 59.4	21 32 41.34	....	− 8 16 47.1	....
16	B. D. −14°6102	9	36 26.57	− 0.10	− 3.80	53 17 59.40	46.300	+ 5.03	+1 14.0	21 36 22.67	− 2.86	−14 28 16.4	−19.7
17	B. D. − 8°5719	9	38 26.70	− 0.05	− 3.80	46 41 58.45	42.390	+ 5.03	+ 58.5	21 38 22.85	− 2.84	− 7 50 30.6	−21.6
18	λ Capricorni	9	41 28.91	− 0.08	− 3.80	50 37 57.18	46.560	+ 5.03	+1 7.3	21 41 25.03	− 2.86	−11 48 13.4	−20.5
19	B. D. −13°6027	9	44 36.62	− 0.09	− 3.80	51 59 58.25	45.640	+ 5.03	+1 10.6	21 44 32.73	− 2.88	−13 9 56.7	−20.2
20	B. D. −16°5961	9	47 25.49	− 0.12	− 3.80	55 31 58.45	46.070	+ 5.03	+1 20.4	21 47 21.57	− 2.90	−16 42 16.5	−19.2
21	B. D. −15°6092	8	49 53.35	− 0.11	− 3.80	54 31 58.02	46.490	+ 5.03	+1 17.4	21 49 49.44	− 2.90	−15 42 22.7	−19.5
22	B. D. − 9°5876	9	52 40.68	− 0.06	− 3.81	47 51 58.52	43.530	+ 5.03	+1 1.0	21 52 36.81	− 2.89	− 9 0 59.2	−21.4
23	B. D. −16°5998	9	56 26.01	− 0.11	− 3.81	54 53 59.15	45.775	+ 5.03	+1 18.5	21 56 22.09	− 2.93	−16 4 8.6	−19.5
24	B. D. −16°6012	9	59 5.35	− 0.12	− 3.81	55 27 58.80	43.680	+ 5.03	+1 20.2	21 59 1.42	− 2.94	−16 37 21.8	−19.4
25	B. D. −11°5756	9	2 18.11	− 0.07	− 3.81	49 43 58.40	47.615	+ 5.03	+1 5.2	22 2 14.23	− 2.93	−10 54 36.6	−21.0
26	B. D. − 9°5927	9	4 32.55	− 0.06	− 3.81	48 6 0.45	46.030	+ 5.03	+1 1.6	22 4 28.68	− 2.94	− 9 15 58.9	−21.4
27	B. D. −11°5777	9	7 16.79	− 0.08	− 3.81	50 21 57.60	46.080	+ 5.03	+1 6.7	22 7 12.90	− 2.95	−11 32 2.3	−20.8
28	B. D. −12°6209	9	8 25.36	− 0.08	− 3.81	51 13 58.40	45.185	+ 5.03	+1 8.8	22 8 21.47	− 2.95	−12 23 44.5	−20.6
29	B. D. −15°6180	9	11 52.89	− 0.10	− 3.81	53 57 58.15	45.100	+ 5.03	+1 16.0	22 11 48.98	− 2.97	−15 7 49.7	−19.9
30	B. D. −17°6491	9	14 28.98	− 0.12	− 3.81	55 59 57.92	47.255	+ 5.03	+1 21.9	22 14 25.05	− 2.98	−17 10 44.6	−19.4
31	B. D. − 4°5663	9	17 45.56	− 0.03	− 3.81	43 3 59.28	43.780	+ 5.03	+ 51.7	22 17 41.72	− 2.98	− 4 12 56.4	−22.7
32	B. D. − 5°5790	9	21 13.42	− 0.04	− 3.81	44 29 59.75	45.430	+ 5.03	+ 54.4	22 21 9.57	− 2.99	− 5 39 37.3	−22.4
33	B. D. −16°6092	9	23 50.25	− 0.11	− 3.81	55 27 59.05	46.000	+ 5.03	+1 20.4	22 23 46.33	− 3.00	−16 38 15.6	−19.6
34	σ Aquarii	9	25 40.98	− 0.07	− 3.81	49 59 58.60	45.575	+ 5.03	+1 5.9	22 25 37.10	....	−11 9 50.7	....
35	B. D. −15°6243	8	29 25.48	− 0.10	− 3.81	54 25 58.45	46.890	+ 5.03	+1 17.4	22 29 21.57	− 3.02	−15 36 32.3	−19.8
36	B. D. − 3°5472	9	30 30.01	− 0.02	− 3.81	41 33 58.20	48.940	+ 5.03	+ 49.1	22 30 26.18	− 3.03	− 2 44 50.4	−23.0
37	B. D. −14°6320	9	33 34.41	− 0.10	− 3.81	53 23 58.12	44.785	+ 5.03	+1 14.5	22 33 30.50	− 3.02	−14 33 41.0	−20.2
38	B. D. −10°5975	9	38 5.16	− 0.07	− 3.81	49 25 58.30	46.110	+ 5.03	+1 4.7	22 38 1.28	− 3.04	−10 36 1.6	−21.1
39	B. D. −12°6342	9	41 10.36	− 0.08	− 3.81	50 51 57.42	46.720	+ 5.03	+1 8.1	22 41 6.47	− 3.04	−12 2 18.1	−20.8
40	B. D. − 6°6074	9	43 25.33	− 0.04	− 3.81	45 5 59.92	46.723	+ 5.03	+ 55.6	22 43 21.48	− 3.06	− 6 16 7.9	−22.1
41	B. D. −10°6002	9	46 17.54	− 0.06	− 3.81	48 39 59.68	45.318	+ 5.03	+1 3.0	22 46 13.67	− 3.06	− 9 49 43.0	−21.3
42	B. D. − 1°4355	9	49 28.97	− 0.01	− 3.81	40 23 57.68	44.735	+ 5.03	+ 47.2	22 49 25.15	− 3.09	− 1 33 11.9	−23.0
43	B. D. − 4°5793	9	52 16.33	− 0.03	− 3.81	42 35 58.25	44.485	+ 5.03	+ 51.0	22 52 12.49	− 3.09	− 3 45 10.6	−22.5
44	B. D. −13°6318	9	54 39.43	− 0.09	− 3.81	52 23 58.58	47.900	+ 5.03	+1 12.0	22 54 35.53	− 3.08	−13 34 49.9	−20.4
45	B. D. − 3°5553	9	57 5.52	− 0.02	− 3.81	42 1 57.85	46.080	+ 5.03	+ 50.0	22 57 1.69	− 3.11	− 3 11 45.6	−22.5
46	B. D. − 8°6018	9	0 16.46	− 0.05	− 3.81	47 1 59.02	47.268	+ 5.03	+ 59.5	23 0 12.60	− 3.10	− 8 12 23.6	−21.5
47	B. D. − 9°6123	9	2 24.03	− 0.06	− 3.81	48 9 59.72	45.315	+ 5.03	+1 1.9	23 2 20.16	− 3.10	− 9 19 41.9	−21.2
48	B. D. − 4°5833	9	4 46.57	− 0.03	− 3.81	43 17 58.75	48.230	+ 5.03	+ 52.3	23 4 42.73	− 3.12	− 4 28 37.9	−22.2
49	φ Aquarii	9	9 28.09	− 0.04	− 3.85	45 23 59.18	45.543	+ 5.03	+ 56.2	23 9 24.24	....	− 6 33 40.9	....
50	γ Piscium	9	12 18.37	+ 0.02	− 3.83	36 3 57.20	47.645	+ 5.03	+ 40.4	23 12 14.58	....	+ 2 45 48.9	....
51	33 Piscium	9	0 32.40	− 0.03	− 3.80	45 3 59.80	47.355	+ 5.03	+ 55.6	0 0 28.56	....	− 6 14 22.3	....
52	B. D. − 4°7	9	6 21.78	− 0.01	− 3.81	42 41 59.42	43.995	+ 5.03	+ 51.1	0 6 17.96	− 3.25	− 3 51 0.6	−20.7
53	γ Pegasi	9	8 24.68	+ 0.09	− 3.78	24 11 57.88	44.295	+ 5.03	+ 24.9	0 8 20.96	....	+14 39 20.2	....
54	35 Piscium	9	10 9.22	+ 0.06	− 3.81	30 33 59.18	43.215	+ 5.03	+ 32.7	0 10 5.47	− 3.40	+ 8 17 35.8	−21.6
55	B. D. − 0°42	9	14 28.63	+ 0.01	− 3.81	38 49 58.72	48.053	+ 5.03	+ 44.6	0 14 24.83	− 3.30	− 0 0 26.2	−20.8
56	B. D. − 4°31	9	16 25.61	− 0.01	− 3.81	42 41 59.10	42.613	+ 5.03	+ 51.1	0 16 21.79	− 3.27	− 3 50 29.0	−20.3
57	B. D. − 5°49	9	17 27.41	− 0.02	− 3.81	44 34 0.32	44.190	+ 5.03	+ 54.6	0 17 23.58	− 3.25	− 5 43 9.5	−20.1
58	B. D. + 3°46	9	21 27.61	+ 0.03	− 3.81	35 31 59.02	47.238	+ 5.03	+ 39.6	0 21 23.83	− 3.35	+ 3 17 57.1	−20.7
59	B. D. − 3°57	9	24 51.31	− 0.01	− 3.81	42 11 58.58	46.445	+ 5.03	+ ·50.3	0 24 47.49	− 3.28	− 3 21 55.0	−20.1

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
10 14 39	29.79	79.0	81.2	1.	Bisections at I, II, VI, VII.	1	+ 4.8	.. ....	− 0.1	+ 4.7
20 12	....	....	73.2	2–11, 13–23, 25, 26, 29–33, 37–39.	Bisection at II.					
20 36	29.71	74.0	....	24.	Bisections at II, VII.					
21 0	....	....	72.8	27, 35.	Bisection at I.					
21 27	29.71	72.4	71.5	56.	Bisections at I, II.					
21 55	....	....	70.9							
22 19	29.690	70.9	69.7							
22 48	....	....	68.9							
23 13	29.68	69.6	68.8							
23 58	29.67	69.5	68.9	Note.						
0 23	....	....	68.5	2–35. Images generally poor.						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 6°64	9	27 33.71	+ 0.05	− 3.81	32 23 58.25	47.803	+ 5.03	+ 35.2	0 27 29.95	− 3.40	+ 6 25 49.4	−20.6
2	B. D.+ 3°70	9	30 39.43	+ 0.03	− 3.81	35 3 59.52	46.505	+ 5.03	+ 38.9	0 30 35.65	− 3.37	+ 3 46 14.1	−20.3
3	B. D.+ 1°105	9	33 1.99	+ 0.02	− 3.81	36 57 58.72	46.363	+ 5.03	+ 41.7	0 32 58.20	− 3.35	+ 1 52 15.4	−20.1
4	B. D.+ 8°94	9	36 21.33	+ 0.06	− 3.81	29 59 58.65	47.090	+ 5.03	+ 32.0	0 36 17.58	− 3.45	+ 8 50 8.5	−20.2
5	B. D.− 1°94	9	40 57.16	0.00	− 3.81	40 31 57.28	47.665	+ 5.03	+ 47.4	0 40 53.35	− 3.31	− 1 42 18.7	−18.7
6	B. D.+ 6°105	9	43 25.71	+ 0.05	− 3.81	32 3 57.55	45.170	+ 5.03	+ 34.8	0 43 21.95	− 3.43	+ 6 46 50.7	−19.7
7	B. D.+ 0°130	9	46 37.53	+ 0.01	− 3.81	38 27 59.60	42.693	+ 5.03	+ 44.0	0 46 33.73	− 3.34	+ 0 23 35.8	−19.3
8	B. D.+ 9°101	9	47 54.62	+ 0.06	− 3.81	29 33 58.62	44.175	+ 5.03	+ 31.5	0 47 50.87	− 3.48	+ 9 17 15.6	−19.5
9	B. D.+ 8°130	9	51 40.35	+ 0.06	− 3.81	30 7 58.20	45.175	+ 5.03	+ 32.2	0 51 36.60	− 3.47	+ 8 42 52.5	−19.3
10	B. D.+ 3°131	9	53 28.62	+ 0.03	− 3.81	35 3 59.58	44.605	+ 5.03	+ 38.9	0 53 24.84	− 3.40	+ 3 46 57.5	−19.1
11	B. D.+10°115	9	56 19.78	+ 0.07	− 3.81	28 9 59.05	47.185	+ 5.03	+ 29.7	0 56 16.04	− 3.51	+10 40 8.2	−19.0
12	B. D.+12°126	9	58 10.79	+ 0.08	− 3.81	26 17 59.38	46.863	+ 5.03	+ 27.4	0 58 7.06	− 3.55	+12 32 17.5	−18.9
13	B. D.+ 4°175	9	0 58.32	+ 0.04	− 3.81	34 25 58.25	46.928	+ 5.03	+ 38.0	1 0 54.55	− 3.41	+ 4 24 6.3	−18.7
14	B. D.+ 7°167	9	1 45.05	+ 0.06	− 3.81	30 59 57.65	44.505	+ 5.03	+ 33.3	1 1 41.30	− 3.47	+ 7 51 7.3	−18.6
15	B. D.+ 5°150	9	5 42.30	+ 0.05	− 3.81	32 35 57.98	45.573	+ 5.03	+ 35.5	1 5 38.54	− 3.44	+ 6 14 40.0	−18.4
16	B. D.+ 7°181	9	6 49.46	+ 0.06	− 3.81	30 45 59.18	46.320	+ 5.03	+ 33.1	1 6 45.71	− 3.47	+ 8 4 24.4	−18.3
17	B. D.+ 6°181	9	9 49.87	+ 0.05	− 3.81	32 21 58.18	43.353	+ 5.03	+ 35.2	1 9 46.11	− 3.45	+ 6 29 31.2	−18.1
18	B. D.+15°185	9	12 29.52	+ 0.10	− 3.81	22 59 58.65	44.778	+ 5.03	+ 23.6	1 12 25.81	− 3.63	+15 51 9.7	−17.8
19	B. D.+ 2°196	9	17 28.06	+ 0.03	− 3.81	35 49 58.60	44.098	+ 5.03	+ 40.0	1 17 24.28	− 3.39	+ 3 1 8.9	−17.7
20	B. D.+14°213	9	19 1.23	+ 0.09	− 3.81	24 1 57.82	46.400	+ 5.03	+ 24.8	1 18 57.51	− 3.61	+14 48 32.3	−17.3
21	B. D.+ 4°251	9	22 47.87	+ 0.04	− 3.81	33 57 58.80	47.930	+ 5.03	+ 37.4	1 22 44.10	− 3.42	+ 4 51 43.7	−17.3
22	μ Piscium	9	25 16.47	+ 0.04	− 3.81	33 11 57.48	44.173	+ 5.03	+ 36.3	1 25 12.70	− 3.44	+ 5 39 12.0	−17.2
23	B. D.+ 7°229	9	28 23.40	+ 0.06	− 3.81	31 7 57.78	44.200	+ 5.03	+ 33.5	1 28 19.65	− 3.48	+ 7 43 13.9	−16.9
24	B. D.+13°240	9	30 45.61	+ 0.09	− 3.81	24 39 58.45	46.470	+ 5.03	+ 25.5	1 30 41.89	− 3.60	+14 10 29.0	−16.4
25	B. D.+ 4°282	9	32 8.67	+ 0.04	− 3.81	33 41 57.75	45.085	+ 5.03	+ 37.0	1 32 4.90	− 3.43	+ 5 8 50.2	−16.7
26	B. D.+ 8°258	9	35 38.66	+ 0.06	− 3.81	30 33 57.90	45.665	+ 5.03	+ 32.8	1 35 34.91	− 3.49	+ 8 16 41.0	−16.4
27	B. D.+11°221	9	38 2.79	+ 0.08	− 3.81	26 45 57.88	44.385	+ 5 03	+ 28.0	1 37 59.06	− 3.56	+12 5 15.1	−16.0
28	B. D.+10°241	9	42 10.64	+ 0.07	− 3.81	28 27 58.75	47.275	+ 5.03	+ 30.2	1 42 6.90	− 3.53	+10 22 5.9	−15.8
29	B. D.+13°286	9	45 3.10	+ 0.09	− 3.81	24 57 58.12	46.225	+ 5.03	+ 25.9	1 44 59.38	− 3.60	+13 52 34.9	−15.3
30	B. D.+11°248	9	48 29.10	+ 0.08	− 3.81	26 37 59.12	45.463	+ 5.03	+ 27.9	1 48 25.37	− 3.56	+12 12 49.3	−15.2
31	B. D.+16°217	9	50 25.00	+ 0.10	− 3.81	22 7 58.35	44.390	+ 5.03	+ 22.6	1 50 21.29	− 3.67	+16 43 20.1	−14.6
32	B. D.+ 9°253	9	55 23.29	+ 0.07	− 3.81	28 39 59.02	47.293	+ 5.03	+ 30.4	1 55 19.55	− 3.52	+10 10 5.1	−14.8
33	B. D.+ 8°316	9	57 37.67	+ 0.06	− 3.81	30 13 58.10	43.925	+ 5.03	+ 32.4	1 57 33.92	− 3.48	+ 8 37 21.0	−14.8
34	B. D.+ 7°324	9	1 15.22	+ 0.06	− 3.81	31 3 58.25	43.220	+ 5.03	+ 33.5	2 1 11.47	− 3.46	+ 7 47 35.8	−14.6
35	B. D.+ 8°330	8	3 21.31	+ 0.06	− 3.81	30 27 58.78	42.508	+ 5.03	+ 32.7	2 3 17.56	− 3.48	+ 8 23 52.4	−14.4
36	B. D.+ 7°347	9	6 24.15	+ 0.06	− 3.81	30 43 58.35	43.668	+ 5.03	+ 33.1	2 6 20.40	− 3.47	+ 8 7 25.9	−14.2
37	B. D.+11°300	9	9 10.03	+ 0.08	− 3.81	26 59 59.18	46.795	+ 5.03	+ 28.4	2 9 6.30	− 3.54	+11 50 18.3	−13.6
38	θ Arietis	9	12 54.39	+ 0.12	− 3.81	19 23 58.02	43.795	+ 5.03	+ 19.6	2 12 50.70	− 3.73	+19 27 36.8	−12.4
39	B. D.+ 8°364	9	16 23.17	+ 0.06	− 3.81	30 23 57.80	45.810	+ 5.03	+ 32.7	2 16 19.42	− 3.46	+ 8 26 37.9	−13.4
40	B. D.+ 9°313	9	19 9.08	+ 0.07	− 3.81	28 59 59.30	46.395	+ 5.03	+ 30.9	2 19 5.34	− 3.49	+ 9 50 24.8	−13.0
41	B. D.+22°347	8	21 39.56	+ 0.14	− 3.81	16 23 58.50	45.588	+ 5.03	+ 16.4	2 21 35.89	− 3.80	+22 26 58.2	−11.2
42	ξ^2 Ceti	8	23 10.40	+ 0.06	− **3.79**	30 47 58.75	47.435	+ 5.03	+ 33.2	2 23 6.65	....	+ 8 1 59.3	....
43	ν Ceti	8	30 57.23	+ 0.04	− **3.79**	33 39 58.95	45.548	+ 5.03	+ 37.1	2 30 53.46	....	+ 5 10 38.3	....
	October 13, Ei.-Y.												
44	θ Capricorni	9	0 35.57	+ 0.03	+ **0.23**	56 26 0.12	46.535	+ 4.99	+1 28.7	21 0 35.85	....	−17 36 36.8	....
45	B. D.−17°6196	9	5 2.82	+ 0.04	+ 0.25	56 9 59.50	46.608	+ 5.00	+1 27.8	21 5 3.11	− 2.71	−17 20 37.0	−18.1
46	α Equulei	9	11 3.71	+ 0.23	+ **0.24**	34 0 0.40	43.325	+ 5.02	+ 39.8	21 11 4.19	....	+ 4 51 25.0	....
47	B. D.−15°5958	9	16 14.22	+ 0.06	+ 0.25	54 23 59.98	43.900	+ 5.03	+1 22.2	21 16 14.53	− 2.74	−15 33 30.1	−18.9
48	B. D.−17°6262	9	19 53.74	+ 0.04	+ 0.25	55 38 0.52	46.700	+ 5.05	+1 26.2	21 19 54.03	− 2.77	−16 48 38.6	−18.6
49	B. D.−19°6098	9	21 42.24	+ 0.02	+ 0.25	58 17 59.90	44.945	+ 5.06	+1 35.3	21 21 42.51	− 2.79	−19 28 7.0	−17.8
50	B. D.−13°5941	9	24 12.24	+ 0.08	+ 0.25	52 2 0.00	43.268	+ 5.06	+1 15.5	21 24 12.57	− 2.76	−13 11 9.0	−19.8
51	B. D.−12°6026	9	27 11.94	+ 0.08	+ 0.25	51 31 59.55	43.328	+ 5.07	+1 14.1	21 27 12.27	− 2.77	−12 41 8.5	−20.0
52	B. D.−14°6080	9	31 32.37	+ 0.07	+ 0.25	52 44 0.30	42.800	+ 5.09	+1 17.4	21 31 32.69	− 2.79	−13 53 0.5	−19.7
53	B. D.−11°5640	9	34 21.08	+ 0.10	+ 0.25	49 50 0.85	46.348	+ 5.10	+1 9.9	21 34 21.43	− 2.79	−11 0 14.7	−20.6
54	B. D.−21°6076 (*pr.*)	9	37 39.26	0.00	+ 0.25	59 39 56.52	46.475	+ 5.11	+1 40.6	21 37 39.51	− 2.85	−20 50 43.9	−17.7
55	B. D.−10°5755	9	39 46.43	+ 0.10	+ 0.25	49 29 57.62	43.075	+ 5.12	+1 9.0	21 39 46.78	− 2.81	−10 38 55.8	−20.8
56	B. D.−18°6013	9	42 28.35	+ 0.03	+ 0.25	57 29 58.02	42.710	+ 5.13	+1 32.4	21 42 28.63	− 2.85	−18 39 11.2	−18.4
57	B. D.−21°6102	9	45 31.78	0.00	+ 0.25	59 49 57.32	42.100	+ 5.14	+1 41.2	21 45 32.03	− 2.88	−20 59 5.4	−17.8
58	μ Capricorni	9	48 6.37	+ 0.07	+ **0.23**	52 49 57.07	45.345	+ 5.15	+1 17.8	21 48 6.69	....	−13 59 55.9	....
59	B. D.−10°5795	9	51 20.59	+ 0.11	+ 0.25	48 51 58.90	46.345	+ 5.16	+1 7.6	21 51 20.95	− 2.85	−10 2 10.4	−21.1
60	B. D.−11°5726	8	54 40.49	+ 0.10	+ 0.25	49 35 58.60	45.705	+ 5.17	+1 9.3	21 54 40.84	− 2.87	−10 45 57.2	−20.9
61	B. D.−17°6422 (*pr.*)	4	57 13.76	+ 0.04	+ 0.25	56 15 57.40	43.383	+ 5.18	+1 28.2	21 57 14.05	− 2.90	−17 25 21.8	−19.0
62	B. D.−17°6422 (*fol.*)	5	57 14.15	+ 0.04	+ 0.25	56 15 57.40	43.333	+ 5.18	+1 28.2	21 57 14.44	− 2.90	−17 25 20.7	−19.0

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
10 0 50	29.65	69.0	68.2	7, 13, 15, 24, 41. Bisections at I, II.					
1 15	......	....	67.8	20, 40, 44, 51. Bisections at II, VII.					
1 39	29.645	68.3	67.3	31. Bisections at VI, VII.					
2 8	......	....	66.6	Notes.					
2 32	29.63	67.0	66.1	43. Clouds.					
13 21 3	30.07	47.0	44.9	57. Image rather poor.					
21 24	......	....	44.8	59. Unsteady.					
21 44	30.075	46.4	44.8						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 9°5908	9	59 28.94	+ 0.12	+ 0.25	48 1 58.47	42.150	+ 5.19	+1 5.6	21 59 29.31	− 2.88	− 9 10 32.1	−21.4
2	B. D.−15°6139	9	1 2.38	+ 0.06	+ 0.25	54 11 57.90	43.975	+ 5.20	+1 21.7	22 1 2.69	− 2.90	−15 21 29.4	−19.6
3	B. D.−17°6451	9	3 14.99	+ 0.04	+ 0.25	55 49 58.07	46.325	+ 5.20	+1 26.9	22 3 15.28	− 2.91	−17 0 28.4	−19.2
4	B. D.− 4°5623	9	5 24.12	+ 0.15	+ 0.25	43 11 56.90	45.285	+ 5.21	+ 55.5	22 5 24.52	− 2.90	− 4 21 32.2	−22.7
5	B. D.−11°5778	9	7 34.73	+ 0.10	+ 0.25	49 43 57.50	45.060	+ 5.22	+1 9.7	22 7 35.08	− 2.91	−10 53 41.5	−21.0
6	B. D.−16°6046	9	9 29.02	+ 0.05	+ 0.25	55 5 57.52	47.400	+ 5.23	+1 24.6	22 9 29.32	− 2.93	−16 16 50.2	−19.5
7	B. D.− 6°5960	9	12 8.39	+ 0.14	+ 0.25	44 41 58.42	45.415	+ 5.24	+ 58.5	22 12 8.78	− 2.93	− 5 51 39.7	−22.3
8	ρ Aquarii	9	15 11.48	+ 0.12	+ 0.25	47 7 58.37	45.725	+ 5.25	+1 3.6	22 15 11.85	− 2.94	− 8 17 51.8	−21.7
9	B. D.−10°5904	9	19 5.57	+ 0.10	+ 0.25	49 29 58.25	47.590	+ 5.27	+1 9.2	22 19 5.92	− 2.95	−10 40 39.9	−21.0
10	B. D.−12°6271	9	21 45.83	+ 0.09	+ 0.25	50 39 58.27	45.623	+ 5.27	+1 12.1	22 21 46.17	− 2.96	−11 49 57.9	−20.8
11	B. D.−15°6231	9	25 11.37	+ 0.06	+ 0.25	53 53 56.82	46.180	+ 5.29	+1 20.9	22 25 11.68	− 2.97	−15 4 18.0	−19.9
12	B. D.−10°5947	9	29 5.91	+ 0.11	+ 0.25	48 55 59.52	45.608	+ 5.30	+1 7.8	22 29 6.27	− 2.98	−10 5 54.5	−21.2
13	B. D.−12°6315	9	32 3.38	+ 0.09	+ 0.25	51 3 57.60	44.065	+ 5.31	+1 13.1	22 32 3.72	− 2.99	−12 13 22.6	−20.6
14	ζ Pegasi	9	36 43.03	+ 0.27	+ **0.26**	28 31 57.07	41.710	+ 5.33	+ 32.1	22 36 43.55	.....	+10 20 12.9	....
15	κ Piscium	7	22 3.45	+ 0.20	+ **0.24**	38 5 57.28	46.515	+ 5.49	+ 46.3	23 22 3.89	.....	+ 0 44 9.3	....
16	θ Piscium	8	23 8.63	+ 0.24	+ **0.25**	32 59 56.72	43.443	+ 5.50	+ 38.3	23 23 9.11	.....	+ 5 51 27.0	....
17	ι Ceti	7	14 35.09	+ 0.12	+ **0.24**	48 12 1.62	43.400	+ 5.61	+1 6.0	0 14 35.45	.....	− 9 21 4.7	....
18	B. D.− 4°31	8	16 21.42	+ 0.16	+ 0.24	42 41 57.82	42.475	+ 5.61	+ 54.5	0 16 21.82	− 3.26	− 3 50 28.3	−20.3
19	44 Piscium	8	20 31.79	+ 0.20	+ **0.22**	37 25 56.55	44.843	+ 5.61	+ 45.2	0 20 32.23	.....	+ 1 24 48.2	....
20	B. D.− 5°64	8	22 14.42	+ 0.15	+ 0.24	44 21 58.37	45.740	+ 5.61	+ 57.8	0 22 14.81	− 3.26	− 5 31 46.7	−19.9
21	B. D.+ 4°63	8	25 15.40	+ 0.22	+ 0.24	34 29 58.32	46.948	+ 5.61	+ 40.7	0 25 15.86	− 3.37	+ 4 20 2.8	−20.7
22	B. D.+ 0°77	8	29 31.54	+ 0.19	+ 0.24	38 21 56.45	45.018	+ 5.61	+ 46.8	0 29 31.97	− 3.33	+ 0 28 42.7	−20.2
	October 13, Br.												
23	η Orionis (*brighter*)	8	19 41.40	+ 0.23	+ 0.13	41 19 59.95	44.188	+ 5.64	+ 51.9	5 19 41.76	− 2.74	− 2 29 7.0	− 2.2
24	ι Orionis	8	30 46.57	+ 0.20	+ **0.10**	44 48 2.40	47.088	+ 5.64	+ 58.6	5 30 46.90	.....	− 5 58 22.4	....
25	23 Camelopardalis	7	35 22.73	+ 0.98	+ 0.13	337 25 56.62	46.218	+ 5.64	− 24.4	5 35 23.84	− 5.15	+61 25 26.3	+18.2
26	κ Orionis	7	43 14.43	+ 0.17	+ **0.15**	48 32 2.57	46.353	+ 5.64	+1 6.7	5 43 14.72	.....	− 9 42 13.6	....
27	99 B. Camelopardalis	7	52 25.11	+ 1.16	+ 0.12	331 57 56.27	47.025	+ 5.64	− 31.2	5 52 26.39	− 5.62	+66 53 14.9	+21.2
28	δ Ursæ Minoris s. P.	8	2 59.25	− 5.89	+ 0.12	305 29 55.77	45.443	+ 5.64	−1 22.2	18 2 53.48	.....	+86 37 16.9	....
29	μ Geminorum	8	17 11.53	+ 0.43	+ **0.15**	16 18 1.25	43.783	+ 5.64	+ 17.3	6 17 12.08	.....	+22 33 35.5	....
30	8 Lyncis	8	28 58.46	+ 0.98	+ 0.12	337 17 57.80	45.860	+ 5.64	− 24.5	6 28 59.56	.....	+61 33 33.3	....
31	ξ Geminorum	8	39 56.19	+ 0.35	+ **0.16**	25 49 59.52	48.065	+ 5.64	+ 28.5	6 39 56.68	.....	+12 59 47.9	....
32	Mercury C, C	8	37 1.10	+ 0.23	+ 0.12	40 48 0.27	45.048	+ 5.84	+ 49.8	12 37 1.45	− 0.01	− 1 57 25.1	....
	October 14, Br.												
33	Sun I, N	8	16 11.05	+ 0.19	+ 0.12	46 43 56.05	46.333	+ 5.84	+1 1.1	13 16 11.36	+65.15	− 7 54 2.1	....
34	Sun II, S	8	18 21.35	+ 0.19	+ 0.12	47 15 54.10	46.763	+ 5.84	+1 2.3	13 18 21.66	−65.15	− 8 26 9.9	....
35	Venus I, C	8	58 20.67	+ 0.12	+ 0.11	56 2 4.00	44.361	+ 5.50	+1 24.6	14 58 20.90	+ 0.41	−17 11 47.5	....
36	Venus II	8	58 21.42	+ 0.12	+ 0.11	... .	......	....	. ....	14 58 21.65	− 0.34	.. ..	....
37	Moon I, S	8	22 39.97	+ 0.01	+ 0.10	58 14 7.22	46.316	+ 4.66	+1 32.3	18 22 40.08	+67.48	−19 24 42.3	....
	October 14, Ei.-M.												
38	α Equulei	9	11 3.73	+ 0.22	+ **0.21**	34 0 1.15	43.330	+ 4.88	+ 39.1	21 11 4.15	.....	+ 4 51 25.0	....
39	ι Capricorni	9	16 56.66	+ 0.03	+ **0.24**	56 3 58.47	46.005	+ 4.88	+1 26.2	21 16 56.89	.....	−17 14 20.2	....
40	B. D.−14°6047	9	25 27.46	+ 0.06	+ 0.20	53 32 0.67	46.448	+ 4.88	+1 18.5	21 25 27.72	− 2.76	−14 42 25.1	−19.3
41	B. D.−19°6131	9	31 4.08	+ 0.02	+ 0.20	57 37 59.10	47.515	+ 4.88	+1 31.6	21 31 4.30	− 2.80	−18 49 1.0	−18.1
42	B. D.−15°6027	9	33 0.82	+ 0.05	+ 0.20	54 10 0.12	46.010	+ 4.88	+1 20.4	21 33 1.07	− 2.79	−15 20 16.5	−19.2
43	B. D.−12°6065	9	36 51.52	+ 0.07	+ 0.20	51 31 58.65	42.813	+ 4.88	+1 13.1	21 36 51.79	− 2.79	−12 40 54.9	−20.1
44	B. D.−15°6052	9	38 49.11	+ 0.05	+ 0.20	54 1 59.60	42.880	+ 4.88	+1 20.0	21 38 49.36	− 2.81	−15 11 4.0	−19.4
45	B. D.−12°6088	9	41 34.22	+ 0.08	+ 0.20	50 57 59.37	45.555	+ 4.88	+1 11.7	21 41 34.50	− 2.81	−12 7 56.7	−20.3
46	B. D.−17°6389	9	44 58.88	+ 0.03	+ 0.20	56 7 58.82	43.183	+ 4.88	+1 26.5	21 44 59.11	− 2.84	−17 17 16.7	−18.8
47	B. D.−17°6397	9	47 27.61	+ 0.03	+ 0.20	56 19 59.05	47.015	+ 4.88	+1 27.2	21 47 27.84	− 2.85	−17 30 45.2	−18.8
48	B. D.−12°6126	9	49 54.49	+ 0.08	+ 0.20	51 15 58.97	43.410	+ 4.88	+1 12.4	21 49 54.77	− 2.84	−12 25 7.9	−20.3
49	B. D.−12°6134	9	53 10.57	+ 0.08	+ 0.20	51 23 57.87	43.805	+ 4.88	+1 12.8	21 53 10.85	− 2.85	−12 33 16.3	−20.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 22 11	....	....	44.0
22 43	....	....	44.0
22 51	30.08	45.8	....
23 25	30.065	45.9	44.1
0 18	30.055	45.2	43.7
0 36	....	....	43.3
0 42	30.06	45.1	....
5 20	30.06	44.9	44.0
5 48	....	....	44.1
6 9	30.03	45.3	44.2
6 40	30.03	46.0	45.6
12 37	30.06	54.8	54.9
14 13 18	30.04	56.1	56.4
14 58	30.015	59.0	60.0
18 23	30.00	58.9	58.1
21 11	30.015	52.7	51.7
21 35	....	....	51.0

Micrometer bisections are made at II, VI, except as noted below.

5, 14, 26, 34, 39, 43.	Bisections at VI, VII.
22, 40.	Bisections at II, VII.
25.	Bisections at b_4, b_6.
27.	Bisections at b_2, b_6.
28.	Bisections at III, IV, V.
30.	Bisections at III, V.
31, 33.	Bisections at I, II.
32, 35.	Bisections at I, II, VI, VII.
37.	Bisections at II, III, IV, V, VI.

Notes.

17, 18, 26–31.	Clouds.
23.	Assumed that brighter was observed.
24, 27.	Faint; poor.
28.	Very unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
32	+ 4.6	.. ....	+ 0.1	+ 4.7
33	+ 6.4	−16 3.9	...	−15 57.5
34	+ 6.5	+16 3.8	...	+16 10.3
35	+ 5.0	.. ....	0.0	+ 5.0
37	+47 53.7	+15 24.7	...	+63 18.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−10°5812........	9	56 46.37	+ 0.10	+ 0.20	49 9 59.00	45.690	+ 4.88	+1 7.3	21 56 46.67	− 2.86	−10 19 55.0	−21.0
2	B. D.− 6°5908........	9	1 5.71	+ 0.14	+ 0.20	44 38 0.65	49.105	+ 4.88	+ 57.5	22 1 6.05	− 2.87	− 5 49 4.9	−22.3
3	B. D.− 6°5912........	9	2 42.40	+ 0.13	+ 0.20	45 7 59.82	45.045	+ 4.88	+ 58.5	22 2 42.73	− 2.88	− 6 17 32.3	−22.2
4	B. D.− 8°5818........	9	4 28.51	+ 0.12	+ 0.20	46 49 58.95	46.468	+ 4.88	+1 2.1	22 4 28.83	− 2.89	− 8 0 7.5	−21.7
5	B. D.−14°6229........	9	7 17.86	+ 0.06	+ 0.20	53 29 59.52	44.648	+ 4.88	+1 18.6	22 7 18.12	− 2.91	−14 39 43.0	−19.8
6	B. D.− 5°5738........	9	8 54.17	+ 0.15	+ 0.20	43 45 59.37	44.465	+ 4.88	+ 55.8	22 8 54.52	− 2.90	− 4 55 15.9	−22.6
7	θ Aquarii..............	9	11 48.77	+ 0.12	+ **0.16**	47 5 59.45	44.400	+ 4.88	+1 2.6	22 11 49.09	....	− 8 15 21.2	....
8	B. D.− 4°5655........	9	14 52.56	+ 0.15	+ 0.20	43 21 59.47	47.770	+ 4.88	+ 55.0	22 14 52.91	− 2.92	− 4 32 30.7	−22.6
9	B. D.−15°6208........	9	18 13.73	+ 0.06	+ 0.20	54 16 0.15	44.245	+ 4.88	+1 20.8	22 18 13.99	− 2.94	−15 25 36.6	−19.7
10	B. D.− 3°5443........	9	21 19.37	+ 0.16	+ 0.20	42 5 59.12	46.923	+ 4.88	+ 52.6	22 21 19.73	− 2.95	− 3 16 8.6	−22.9
11	B. D.−10°5929........	9	24 17.16	+ 0.11	+ 0.20	49 0 0.35	43.005	+ 4.88	+1 6.9	22 24 17.47	− 2.96	−10 8 54.6	−21.2
12	B. D.− 7°5797........	9	26 18.91	+ 0.13	+ 0.20	45 52 0.02	47.163	+ 4.88	+1 0.0	22 26 19.24	− 2.96	− 7 2 22.3	−22.0
13	B. D.−18°6154........	9	30 41.47	+ 0.04	+ 0.20	56 45 58.27	47.833	+ 4.88	+1 28.8	22 30 41.71	− 2.98	−17 57 4.7	−19.1
14	B. D.−10°5963........	9	34 15.69	+ 0.10	+ 0.20	49 21 59.25	44.105	+ 4.88	+1 7.9	22 34 15.99	− 2.99	−10 31 19.6	−21.0
15	B. D.− 3°5491........	9	38 2.87	+ 0.17	+ 0.20	41 59 59.55	48.565	+ 4.88	+ 52.5	22 38 3.24	− 3.01	− 3 10 46.4	−22.8
16	B. D.−11°5912........	9	41 13.48	+ 0.10	+ 0.20	50 29 58.97	45.555	+ 4.88	+1 10.7	22 41 13.78	− 3.01	−11 39 55.3	−20.7
17	B. D.− 8°5952........	9	43 24.15	+ 0.12	+ 0.20	47 25 58.60	48.285	+ 4.88	+1 3.5	22 43 24.47	− 3.02	− 8 36 50.1	−21.5
18	λ Aquarii..............	8	47 39.10	+ 0.13	+ **0.24**	46 55 59.90	43.728	+ 4.88	+1 2.3	22 47 39.43	....	− 8 5 6.0	....
19	B. D.− 7°5886........	9	49 36.98	+ 0.13	+ 0.20	46 31 59.70	47.628	+ 4.88	+1 1.5	22 49 37.31	− 3.04	− 7 42 34.2	−21.6
20	B. D.− 5°5894........	9	52 21.79	+ 0.15	+ 0.20	44 10 0.02	43.875	+ 4.88	+ 56.6	22 52 22.14	− 3.05	− 5 19 3.8	−22.1
21	B. D.− 9°6100........	9	55 21.88	+ 0.12	+ 0.20	48 14 1.15	44.295	+ 4.88	+1 5.3	22 55 22.20	− 3.05	− 9 23 23.2	−21.2
22	B. D.−12°6404........	9	57 33.27	+ 0.10	+ 0.20	50 35 58.50	47.298	+ 4.88	+1 11.0	22 57 33.57	− 3.05	−11 46 34.9	−20.6
23	B. D.− 8°6019........	9	0 21.67	+ 0.13	+ 0.20	47 5 58.65	46.208	+ 4.88	+1 2.7	23 0 22.00	− 3.07	− 8 16 1.9	−21.4
24	B. D.−12°6426........	8	2 25.63	+ 0.09	+ 0.20	51 9 58.50	43.700	+ 4.88	+1 12.4	23 2 25.92	− 3.06	−12 19 13.8	−20.5
25	B. D.−14°6413........	9	5 21.00	+ 0.08	+ 0.20	52 59 58.67	44.630	+ 4.88	+1 17.3	23 5 21.28	− 3.07	−14 9 40.4	−20.0
26	B. D.− 0°4483........	9	8 7.87	+ 0.19	+ 0.20	39 19 59.67	44.435	+ 4.88	+ 47.8	23 8 8.26	− 3.13	− 0 29 7.8	−22.9
27	φ Aquarii..............	9	9 23.86	+ 0.14	+ **0.17**	45 23 59.62	45.388	+ 4.88	+ 59.1	23 9 24.20	....	− 6 33 40.5	....
28	γ Piscium..............	9	12 14.16	+ 0.22	+ **0.16**	36 3 58.70	47.480	+ 4.88	+ 42.5	23 12 14.58	....	+ 2 45 49.2	....
29	33 Piscium..............	9	0 28.22	+ 0.16	+ **0.18**	45 4 0.95	47.170	+ 5.19	+ 58.6	0 0 28.57	....	− 6 14 22.3	....
30	γ Pegasi................	9	8 20.48	+ 0.32	+ **0.19**	24 11 59.80	44.158	+ 5.19	+ 26.3	0 8 20.99	....	+14 39 19.9	....
31	B. D.+ 3°26..........	9	11 4.53	+ 0.24	+ 0.19	35 8 0.30	43.353	+ 5.19	+ 41.1	0 11 4.96	− 3.34	+ 3 43 23.1	−21.4
32	B. D.− 2°31..........	9	12 56.53	+ 0.19	+ 0.19	41 13 57.97	45.250	+ 5.19	+ 51.2	0 12 56.91	− 3.27	− 2 23 28.1	−20.6
33	B. D.+ 2°37..........	8	15 16.86	+ 0.23	+ 0.19	36 19 59.22	45.993	+ 5.19	+ 43.0	0 15 17.28	− 3.33	+ 2 30 21.8	−21.0
34	B. D.− 1°41..........	9	18 48.41	+ 0.20	+ 0.19	39 53 59.90	46.910	+ 5.19	+ 48.9	0 18 48.80	− 3.30	− 1 4 5.7	−20.5
35	B. D.+ 6°43..........	9	20 47.88	+ 0.27	+ 0.19	31 39 59.35	47.390	+ 5.19	+ 36.1	0 20 48.34	− 3.40	+ 7 9 56.4	−21.2
36	10 Ceti..................	9	21 44.90	+ 0.21	+ 0.19	39 23 59.05	48.230	+ 5.19	+ 48.1	0 21 45.30	− 3.31	− 0 34 34.2	−20.4
37	B. D.− 1°52..........	9	25 2.64	+ 0.20	+ 0.19	40 29 59.05	42.655	+ 5.19	+ 49.9	0 25 3.03	− 3.30	− 1 38 28.6	−20.2
38	B. D.+ 9°62..........	9	29 15.22	+ 0.28	+ 0.19	29 3 58.77	45.485	+ 5.19	+ 32.5	0 29 15.69	− 3.46	+ 9 46 44.4	−20.9
39	B. D.+ 8°80..........	9	31 29.45	+ 0.27	+ 0.19	30 29 58.10	44.552	+ 5.19	+ 34.5	0 31 29.91	− 3.44	+ 8 21 4.4	−20.7
40	B. D.+ 0°96..........	9	33 55.89	+ 0.21	+ 0.19	38 23 59.65	48.070	+ 5.19	+ 46.4	0 33 56.29	− 3.34	+ 0 25 30.6	−20.0
41	B. D.− 1°87..........	9	37 45.08	+ 0.20	+ 0.19	39 42 0.25	46.613	+ 5.19	+ 48.6	0 37 45.47	− 3.33	− 0 51 58.9	−19.7
42	B. D.+ 5°104..........	9	42 28.61	+ 0.26	+ 0.19	32 37 59.00	43.740	+ 5.19	+ 37.5	0 42 29.06	− 3.43	+ 6 13 18.7	−19.9
43	δ Piscium..............	9	43 45.04	+ 0.26	+ **0.22**	31 45 58.50	47.125	+ 5.19	+ 36.3	0 43 45.49	....	+ 7 4 3.4	....
44	B. D.+ 9°97..........	9	45 36.54	+ 0.28	+ 0.19	28 57 59.30	43.158	+ 5.19	+ 32.4	0 45 37.01	− 3.50	+ 9 53 37.1	−19.9
45	B. D.+12°104..........	9	47 30.18	+ 0.31	+ 0.19	25 41 58.20	47.790	+ 5.19	+ 28.2	0 47 30.68	− 3.56	+13 7 56.6	−19.9
46	B. D.+13°127..........	9	51 9.93	+ 0.31	+ 0.19	25 23 57.20	47.105	+ 5.19	+ 27.8	0 51 10.43	− 3.57	+13 26 13.6	−19.7
47	B. D.+ 1°185..........	.	.. ..	....	....	36 43 59.22	43.740	+ 5.19	+ 43.7	0 55	....	+ 2 7 12.6	−19.0
48	B. D.+ 8°159..........	.	.. ..	....	....	30 13 58.80	43.880	+ 5.19	+ 34.1	0 57	....	+ 8 37 19.4	−19.1
49	B. D.+ 4°172..........	9	59 57.10	+ 0.25	+ 0.19	33 41 58.22	45.125	+ 5.19	+ 39.1	0 59 57.54	− 3.44	+ 5 8 46.8	−18.9
50	B. D.− 1°144..........	9	1 33.82	+ 0.20	+ 0.19	40 5 59.70	45.250	+ 5.19	+ 49.3	1 1 34.21	− 3.34	− 1 15 28.0	−18.5
51	e Piscium..............	.	.. ..	....	....	33 41 58.87	45.060	+ 5.19	+ 39.1	1 3	....	+ 5 8 47.4	−18.7
52	B. D.+ 3°166..........	.	.. ..	....	....	34 55 58.67	43.390	+ 5.19	+ 40.9	1 6	....	+ 3 55 24.0	−18.4
53	ζ¹ Piscium..............	.	.. ..	....	....	31 45 58.12	46.395	+ 5.19	+ 36.3	1 8	....	+ 7 4 20.4	....
54	B. D.+ 1°238..........	.	.. ..	....	....	36 35 58.32	46.983	+ 5.19	+ 43.5	1 11	....	+ 2 13 59.6	−18.1
55	B. D.+14°204..........	9	15 37.05	+ 0.32	+ 0.19	23 39 57.62	43.005	+ 5.19	+ 25.7	1 15 37.56	− 3.65	+15 11 49.2	−17.9
56	B. D.+ 3°190..........	9	17 48.14	+ 0.24	+ 0.19	34 35 58.77	45.890	+ 5.19	+ 40.4	1 17 48.57	− 3.44	+ 4 14 27.2	−17.8
57	B. D.+ 9°167..........	9	20 57.82	+ 0.28	+ 0.19	28 55 58.15	45.628	+ 5.19	+ 32.4	1 20 58.29	− 3.54	+ 9 54 41.8	−17.6
58	B. D.+ 8°238..........	9	24 11.39	+ 0.28	+ 0.19	29 39 58.62	44.425	+ 5.19	+ 33.4	1 24 11.86	− 3.53	+ 9 11 7.9	−17.4
59	B. D.+15°227..........	9	26 49.10	+ 0.32	+ 0.19	23 17 58.10	43.448	+ 5.19	+ 25.3	1 26 49.61	− 3.67	+15 33 38.8	−17.0
60	B. D.+11°201..........	9	29 48.59	+ 0.30	+ 0.19	26 45 57.87	46.865	+ 5.19	+ 29.6	1 29 49.08	− 3.59	+12 4 16.6	−16.9
61	B. D.+ 5°218..........	8	31 43.48	+ 0.26	+ 0.19	32 35 58.77	47.285	+ 5.19	+ 37.5	1 31 43.93	− 3.48	+ 6 13 58.2	−16.9
62	B. D.+13°255..........	9	34 9.81	+ 0.31	+ 0.19	25 1 56.80	47.303	+ 5.19	+ 27.4	1 34 10.31	− 3.63	+13 48 9.9	−16.5
63	B. D.+15°251..........	9	37 19.78	+ 0.32	+ 0.19	23 31 56.60	48.090	+ 5.19	+ 25.6	1 37 20.29	− 3.67	+15 17 53.9	−16.2
64	B. D.+14°270..........	8	40 45.68	+ 0.32	+ 0.19	24 19 57.95	43.505	+ 5.19	+ 26.5	1 40 46.19	− 3.65	+14 31 36.7	−16.0

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
14 21 58	30.02	51.5	50.4	24, 49, 55, 64. Bisections at VI, VII.					
[illegible]	......	....	50.0	26, 35, 42. Bisections at I, II.					
22 50	30.025	50.5	49.5	31. Bisections at II, VI, VII.					
23 13	[illegible]	50.3	49.6	63. Bisections at II, VII.					
0 1	30.02	49.4	48.7						
0 26	30.02	49.0	48.2						
0 49	......	....	48.0	Notes.					
1 12	30.02	48.1	47.1	21. Unsteady.					
				49. Circle reading increased 2′.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 2°270	9	43 30.52	+ 0.23	+ 0.19	35 37 58.50	45.385	+ 5.19	+ 42.1	1 43 30.94	− 3.43	+ 3 12 37.4	−16.1
2	B. D.+ 3°257	9	47 50.97	+ 0.24	+ 0.19	34 37 59.40	48.148	+ 5.19	+ 40.6	1 47 51.40	− 3.44	+ 4 11 34.8	−15.8
3	B. D.+10°257	9	49 20.62	+ 0.29	+ 0.19	27 53 58.30	47.438	+ 5.19	+ 31.1	1 49 21.10	− 3.58	+10 56 1.6	−15.4
4	B. D.+11°261	9	54 20.53	+ 0.29	+ 0.19	26 59 59.07	47.610	+ 5.19	+ 30.0	1 54 21.01	− 3.59	+11 49 58.0	−15.0
5	B. D.+14°326	9	56 41.58	+ 0.32	+ 0.19	24 13 57.92	46.675	+ 5.19	+ 26.5	1 56 42.09	− 3.66	+14 36 24.0	−14.6
6	B. D.+16°237	9	0 31.22	+ 0.33	+ 0.19	21 39 57.82	43.420	+ 5.19	+ 23.4	2 0 31.74	− 3.72	+17 11 41.6	−14.1
7	α Arietis	9	1 48.89	+ 0.38	**+ 0.20**	15 49 57.92	46.313	+ 5.19	+ 16.7	2 1 49.46	.....	+23 0 42.1	....
8	ξ¹ Ceti	9	7 57.70	+ 0.27	**+ 0.18**	30 25 58.20	47.370	+ 5.19	+ 34.6	2 7 58.16	.....	+ 8 23 59.8	....
	October 14, Y.												
9	μ Leporis	8	8 39.43	+ 0.11	+ 0.19	55 8 0.45	47.868	+ 5.38	+1 24.7	5 8 39.73	− 2.59	−16 19 4.1	− 6.2
10	τ Orionis	6	12 59.04	+ 0.19	**+ 0.21**	45 48 0.75	43.088	+ 5.39	+1 0.7	5 12 59.42	.....	− 6 56 50.9	....
11	η Orionis (*brighter*)	4	19 41.31	+ 0.23	+ 0.19	41 19 58.87	44.195	+ 5.41	+ 52.0	5 19 41.73	− 2.76	− 2 29 5.9	− 2.1
12	18 Camelopardalis	.	.. ..	....	....	341 41 57.15	47.338	+ 5.42	− 19.4	5 24	.....	+57 8 55.3	+15.9
13	23 Camelopardalis	8	35 22.73	+ 1.04	+ 0.19	337 25 26.80	47.568	+ 5.45	− 24.4	5 35 23.96	− 5.20	+61 25 25.1	+18.1
14	κ Orionis	9	43 14.44	+ 0.17	**+ 0.16**	48 32 1.40	46.333	+ 5.48	+1 6.9	5 43 14.80	.....	− 9 42 12.2	....
15	99 B. Camelopardalis	9	52 24.99	+ 1.24	+ 0.19	331 57 56.22	47.015	+ 5.50	− 31.3	5 52 26.42	− 5.69	+66 53 15.1	+21.1
16	δ Ursæ Minoris s. p.	9	2 59.11	− 6.55	+ 0.19	305 29 54.10	45.563	+ 5.53	−1 22.4	18 2 52.75	.....	+86 37 18.0	....
17	k Orionis	9	11 5.43	+ 0.35	+ 0.19	26 32 1.97	47.888	+ 5.56	+ 29.6	6 11 5.97	− 2.76	+12 17 49.1	+ 5.8
18	μ Geminorum	9	17 11.50	+ 0.44	**+ 0.20**	16 18 0.02	43.893	+ 5.57	+ 17.3	6 17 12.13	.....	+22 33 34.3	....
19	φ Draconis s. p.	9	22 7.28	− 0.89	+ 0.19	290 11 54.17	44.688	+ 5.59	−2 38.7	18 22 6.58	+ 1.64	+71 17 41.5	−29.6
20	8 Lyncis	9	28 58.26	+ 1.04	+ 0.19	337 17 57.70	45.885	+ 5.61	− 24.6	6 28 59.49	.....	+61 33 32.7	....
21	156 H¹. Draconis s. p.	9	34 21.67	− 1.52	+ 0.19	296 21 53.92	46.048	+ 5.62	−1 58.4	18 34 20.34	+ 3.10	+77 28 52.3	−30.3
22	κ Canis Majoris	9	46 17.17	− 0.08	+ 0.19	71 12 1.42	45.815	+ 5.66	+2 52.7	6 46 17.28	− 1.92	−32 23 46.4	− 5.1
23	51 H. Cephei	9	55 54.89	+ 8.61	+ 0.19	311 39 54.40	47.933	+ 5.69	−1 6.2	6 56 3.69	.....	+87 11 30.9	....
24	18 Lyncis	9	7 34.56	+ 0.99	+ 0.19	339 3 56.90	44.380	+ 5.72	− 22.6	7 7 35.74	− 3.62	+59 48 5.8	+24.9
25	λ Geminorum	9	12 36.47	+ 0.40	**+ 0.21**	22 8 0.32	46.078	+ 5.73	+ 24.2	7 12 37.06	.....	+16 42 37.0	....
26	Mercury II, C	9	43 14.96	+ 0.22	+ 0.17	41 30 0.70	47.514	+ 4.61	+ 51.2	12 43 15.35	− 0.17	− 2 40 22.0	....
	October 15, Y.												
27	Sun I, N	9	19 54.06	+ 0.18	+ 0.16	47 6 0.97	46.825	+ 4.61	+1 2.0	13 19 54.40	+65.18	− 8 16 17.9	....
28	Sun II, S	9	22 4.41	+ 0.18	+ 0.16	47 38 0.00	47.385	+ 4.61	+1 3.2	13 22 4.75	−65.17	− 8 48 29.7	....
29	Venus I	9	3 14.99	+ 0.09	+ 0.16	56 24	......	....	. ....	15 3 15.24	+ 0.40	.. ..	....
30	Moon I, S	9	17 40.18	+ 0.01	+ 0.14	57 32 3.75	47.687	+ 4.57	+1 30.4	19 17 40.33	+66.18	−18 43 8.1	....
	October 15, Ei.-M.												
31	β Aquarii	9	26 32.91	+ 0.12	**+ 0.07**	44 49 55.02	44.660	+ 4.90	+ 57.7	21 26 33.15	.....	− 5 59 17.9	....
32	κ Capricorni	9	37 20.68	0.00	+ 0.12	58 7 54.47	44.885	+ 4.90	+1 33.4	21 37 20.80	− 2.81	−19 17 58.1	−18.0
33	δ Capricorni	9	41 47.34	+ 0.03	**+ 0.10**	55 23 54.12	44.083	+ 4.90	+1 24.1	21 41 47.48	.....	−16 33 30.2	....
34	B. D.−12°6104	9	45 4.73	+ 0.07	+ 0.11	50 37 53.35	43.705	+ 4.90	+1 10.8	21 45 4.91	− 2.81	−11 47 7.5	−20.4
35	B. D.−11°5690	8	47 55.19	+ 0.08	+ 0.11	49 49 54.15	47.260	+ 4.90	+1 8.9	21 47 55.38	− 2.82	−11 0 27.6	−20.7
36	B. D.− 7°5669	9	51 12.75	+ 0.11	+ 0.11	46 15 54.70	45.860	+ 4.90	+1 0.8	21 51 12.97	− 2.82	− 7 25 48.1	−21.8
37	B. D.− 6°5878	9	53 14.02	+ 0.12	+ 0.11	44 41 55.27	47.708	+ 4.90	+ 57.6	21 53 14.25	− 2.83	− 5 52 27.7	−22.2
38	B. D.−18°6056	9	56 57.64	+ 0.01	+ 0.11	57 11 53.82	44.028	+ 4.90	+1 30.1	21 56 57.76	− 2.87	−18 21 34.6	−18.6
39	B. D.− 5°5697	9	59 36.89	+ 0.13	+ 0.11	44 7 55.62	46.490	+ 4.90	+ 56.5	21 59 37.13	− 2.85	− 5 17 59.1	−22.4
40	B. D.−18°6075	9	3 1.86	+ 0.01	+ 0.11	57 7 54.32	44.807	+ 4.90	+1 30.0	22 3 1.98	− 2.89	−18 17 52.7	−18.7
41	B. D.−15°6152	9	4 39.78	+ 0.04	+ 0.11	54 25 53.37	43.715	+ 4.90	+1 21.3	22 4 39.93	− 2.89	−15 35 18.2	−19.5
42	B. D.−18°6084	9	7 21.46	+ 0.01	+ 0.11	57 19 54.35	44.580	+ 4.90	+1 30.7	22 7 21.58	− 2.91	−18 29 48.3	−18.7
43	B. D.−19°6249	9	9 7.39	0.00	+ 0.11	58 31 54.20	47.890	+ 4.90	+1 35.1	22 9 7.50	− 2.92	−19 43 8.2	−18.4
44	B. D.− 9°5948	9	11 51.20	+ 0.09	+ 0.11	48 19 55.65	48.263	+ 4.90	+1 5.5	22 11 51.40	− 2.90	− 9 30 48.6	−21.3
45	B. D.−12°6243	9	15 11.42	+ 0.06	+ 0.11	51 31 54.05	45.595	+ 4.90	+1 13.3	22 15 11.59	− 2.92	−12 41 53.9	−20.4
46	B. D.− 7°5765	9	18 32.77	+ 0.11	+ 0.11	46 29 54.92	47.618	+ 4.90	+1 1.4	22 18 32.99	− 2.93	− 7 40 29.1	−21.8
47	B. D.−17°6520	5	21 24.28	+ 0.03	+ 0.11	56 3 52.60	43.965	+ 4.90	+1 26.5	22 21 24.42	− 2.94	−17 13 28.6	−19.2
48	B. D.−17°6521	5	21 24.66	+ 0.03	+ 0.11	56 3 52.60	44.193	+ 4.90	+1 26.5	22 21 24.80	− 2.94	−17 13 33.2	−19.2
49	κ Aquarii	9	32 49.84	+ 0.13	+ 0.11	43 33 55.77	44.130	+ 4.90	+ 55.5	22 32 50.08	− 2.98	− 4 43 4.3	−22.5
50	B. D.−10°5966	9	35 6.88	+ 0.09	+ 0.11	48 41 55.27	44.373	+ 4.90	+1 6.4	22 35 7.08	− 2.98	− 9 51 20.3	−21.2
51	B. D.− 9°6038 (*fol.*)	9	38 4.46	+ 0.10	+ 0.11	47 37 55.35	47.623	+ 4.90	+1 4.0	22 38 4.67	− 2.99	− 8 48 32.2	−21.4
52	B. D.−14°6346	9	42 39.84	+ 0.05	+ 0.11	53 23 54.45	44.195	+ 4.90	+1 18.5	22 42 40.00	− 3.00	−14 33 27.5	−20.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 1 44	......	....	46.6
2 9	30.01	47.0	45.5
5 40	......	....	42.7
5 48	30.00	44.2	....
6 15	......	....	42.7
6 27	30.005	44.0	42.1
6 43	......	....	42.0
7 16	30.01	43.5	41.6
12 43	30.07	54.5	54.4
15 13 22	30.06	56.1	56.0
19 18	30.025	56.4	55.9
21 25	30.03	52.6	51.3
21 45	......	....	50.7
22 23	30.03	50.5	49.8

Micrometer bisections are made at II, VI, except as noted below.

10, 12, 17, 28, 48. Bisections at VI, VII.
14. Bisections at II, VII.
16, 23. Bisections at b_3, b_4, b_5, b_6, b_7.
21, 27, 47. Bisections at I, II.
26. Bisections at I, II, VI, VII.
30. Bisections at II, III, IV, V, VI.
40. Bisections at II, VI, VII.

Notes.

11. Assumed that brighter was observed.
17, 20. Micrometer reading decreased 1 rev.
31–52. Images frequently poor; unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
26	+ 4.6	.. ....	+0.1	+ 4.7
27	+ 6.4	−16 5.9	...	−15 59.5
28	+ 6.5	+16 5.8	...	+16 12.3
30	+46 51.4	+15 11.6	...	+62 3.0

No.	Date Observer and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −13°6283	9	45 32.51	+ 0.06	+ 0.11	52 1 54.32	44.820	+ 4.90	+1 14.8	22 45 32.68	− 3.01	−13 11 37.9	−20.3
2	B. D. − 6°6087	9	48 31.53	+ 0.12	+ 0.11	45 19 55.35	45.143	+ 4.90	+ 59.1	22 48 31.76	− 3.03	− 6 29 30.6	−21.9
3	B. D. −15°6305	9	51 28.16	+ 0.04	+ 0.11	54 19 54.00	45.055	+ 4.90	+1 21.3	22 51 28.21	− 3.02	−15 29 49.5	−19.7
4	B. D. − 8°5991	9	54 2.13	+ 0.10	+ 0.11	47 33 55.80	44.450	+ 4.90	+1 3.9	22 54 2.34	− 3.04	− 8 43 20.1	−21.3
5	B. D. − 7°5910	9	56 27.15	+ 0.11	+ 0.11	46 23 55.57	47.055	+ 4.90	+1 1.4	22 56 27.37	− 3.05	− 7 34 16.9	−21.6
6	B. D. + 0°4963	9	0 25.74	+ 0.23	+ 0.11	38 1 54.32	47.735	+ 4.90	+ 45.8	23 0 26.08	− 3.10	+ 0 47 44.4	−23.3
7	B. D. − 1°4393	9	2 53.21	+ 0.11	+ 0.11	39 37 55.07	48.405	+ 4.90	+ 48.5	23 2 53.43	− 3.10	− 0 48 34.3	−22.9
8	B. D. − 8°6040	9	5 27.53	+ 0.10	+ 0.11	47 9 54.32	44.802	+ 4.90	+1 3.1	23 5 27.74	− 3.07	− 8 19 25.7	−21.3
9	B. D. −12°6453	9	10 23.38	+ 0.07	+ 0.11	50 55 54.22	43.230	+ 4.90	+1 12.1	23 10 23.56	− 3.08	−12 4 58.8	−20.4
10	B. D. − 8°6076	9	11 55.34	+ 0.11	+ 0.11	47 3 54.97	48.065	+ 4.90	+1 3.0	23 11 55.56	− 3.09	− 8 14 40.9	−21.2
11	B. D. −12°6468	9	14 4.57	+ 0.07	+ 0.11	51 31 54.32	44.295	+ 4.90	+1 13.6	23 14 4.75	− 3.08	−12 41 24.7	−20.2
12	B. D. − 4°5879	9	18 29.52	+ 0.14	+ 0.11	42 33 54.47	47.158	+ 4.90	+ 53.8	23 18 29.77	− 3.13	− 3 44 10.5	−22.0
13	κ Piscium	9	22 3.60	+ 0.17	+ 0.11	38 5 54.40	46.638	+ 4.90	+ 45.9	23 22 3.88	.....	+ 0 44 9.0	....
14	θ Piscium	9	23 8.77	+ 0.22	+ 0.12	32 59 54.10	43.590	+ 4.90	+ 38.0	23 23 9.10	.....	+ 5 51 27.1	....
15	33 Piscium	9	0 28.31	+ 0.12	+ 0.13	45 3 55.32	47.403	+ 4.90	+ 58.6	0 0 28.54	.....	− 6 14 21.8	....
16	ι Ceti	9	14 35.27	+ 0.10	+ 0.08	48 11 55.45	43.758	+ 4.90	+1 5.3	0 14 35.48	.....	− 9 21 5.0	....
17	44 Piscium	9	20 31.91	+ 0.18	+ 0.12	37 25 54.82	44.983	+ 4.90	+ 44.7	0 20 32.20	.....	+ 1 24 47.9	....
18	12 Ceti	9	25 11.38	+ 0.14	+ 0.14	43 19 55.47	43.893	+ 4.90	+ 55.0	0 25 11.63	.....	− 4 28 58.1	....
	October 16, Br.												
19	4 B. Ursæ Minoris s. p.	5	3 2.80	−19.77	− 0.08	307 47 46.27	44.270	+ 4.16	−1 14.0	8 2 42.95	.....	+88 54 47.1	....
20	Moon I, S.	9	10 31.02	+ 0.02	− 0.08	55 57 52.42	46.228	+ 4.16	+1 25.3	20 10 30.96	+64.77	−17 8 18.0	....
21	ρ Capricorni	9	23 25.73	+ 0.01	− 0.06	56 57 51.82	44.363	+ 4.16	+1 28.7	20 23 25.66	.....	−18 7 38.4	....
22	181 B. Camelopardalis s. p.	9	29 6.72	− 1.10	− 0.08	292 51 45.22	43.410	+ 4.16	−2 15.7	8 29 5.54	− 2.49	+73 57 25.2	+31.2
23	β Delphini	9	33 5.02	+ 0.27	− 0.08	24 33 52.90	47.785	+ 4.16	+ 26.5	20 33 5.21	.....	+14 16 4.7	....
24	α Cygni	9	38 11.33	+ 0.58	− 0.08	353 53 50.17	47.553	+ 4.16	− 6.1	20 38 11.83	.....	+44 56 45.4	....
25	ε Aquarii	9	42 31.42	+ 0.09	− 0.15	48 39 52.97	47.720	+ 4.16	+1 6.0	20 42 31.42	.....	− 9 50 33.6	....
26	76 Draconis	8	49 34.02	+ 2.99	− 0.09	316 41 46.60	43.552	+ 4.16	− 54.5	20 49 36.92	.....	+82 11 8.6	....
27	θ Capricorni	9	0 35.89	+ 0.02	− 0.13	56 25 53.47	46.925	+ 4.16	+1 27.5	21 0 35.82	.....	−17 36 37.4	....
28	ν Aquarii	9	4 24.64	+ 0.08	− 0.13	50 35 53.15	44.285	+ 4.16	+1 10.7	21 4 24.63	.....	−11 45 19.7	....
29	τ Cygni	9	10 59.76	+ 0.50	− 0.09	1 11 50.62	47.460	+ 4.16	+ 1.3	21 11 0.17	.....	+37 38 39.2	....
30	ι Capricorni	9	16 56.99	+ 0.03	− 0.12	56 3 51.75	46.318	+ 4.16	+1 26.4	21 16 56.93	.....	−17 14 20.4	....
31	1 H. Draconis s. p.	9	23 28.53	− 2.40	− 0.09	300 37 46.40	44.680	+ 4.16	−1 37.6	9 23 26.04	.....	+81 44 33.5	....
32	74 Cygni	9	33 8.46	+ 0.54	− 0.09	358 51 50.25	45.518	+ 4.16	− 1.1	21 33 8.91	.....	+39 59 26.8	....
33	11 Cephei	9	40 33.87	+ 1.32	− 0.09	327 59 48.90	43.790	+ 4.16	− 36.3	21 40 35.10	.....	+70 52 42.8	....
34	109 B. Ursæ Majoris s. p.	9	49 49.84	− 1.03	− 0.09	292 13 45.92	44.308	+ 4.16	−2 21.0	9 49 48.72	.....	+73 19 41.2	....
35	η Piscis Australis (*brighter*)	9	55 22.56	− 0.09	− 0.09	67 43 52.02	44.725	+ 4.16	+2 21.6	21 55 22.38	− 2.83	−28 54 39.5	−15.3
36	α Aquarii	9	0 54.01	+ 0.18	− 0.09	39 37 53.22	43.915	+ 4.16	+ 48.3	22 0 54.10	.....	− 0 46 48.9	....
37	π Pegasi	9	5 46.09	+ 0.46	− 0.09	6 7 51.67	46.548	+ 4.16	+ 6.3	22 5 46.46	.....	+32 42 54.4	....
38	γ Aquarii	9	16 44.81	+ 0.17	− 0.14	40 41 52.10	46.703	+ 4.16	+ 50.2	22 16 44.89	.....	− 1 51 53.1	....
39	π Aquarii	9	20 25.39	+ 0.19	− 0.17	37 55 52.25	47.765	+ 4.16	+ 45.5	22 20 25.49	.....	+ 0 53 46.8	....
40	9 H. Draconis s. p.	9	26 56.47	− 1.31	− 0.09	295 5 46.32	44.337	+ 4.16	−2 3.5	10 26 55.07	.....	+76 11 59.8	....
41	226 B. Cephei	5	30 40.07	+ 1.74	− 0.09	323 7 49.32	44.928	+ 4.16	− 43.6	22 30 41.72	.....	+75 44 23.7	....
42	λ Pegasi	9	41 57.32	+ 0.38	− 0.12	15 47 52.57	43.028	+ 4.16	+ 16.6	22 41 57.61	.....	+23 4 3.6	....
	October 16, M.												
43	δ Orionis	9	27 8.71	+ 0.23	+ 0.01	39 11 54.60	47.508	+ 4.76	+ 48.1	5 27 8.93	.....	− 0 22 12.8	....
44	σ Orionis	9	33 58.11	+ 0.21	− 0.01	41 29 54.15	45.028	+ 4.76	+ 52.2	5 33 58.31	− 2.74	− 2 39 19.8	− 1.2
45	κ Orionis	9	43 14.66	+ 0.16	+ 0.01	48 31 55.75	46.648	+ 4.76	+1 6.8	5 43 14.81	.....	− 9 42 13.0	....
46	δ Leporis	9	47 13.93	+ 0.07	− 0.01	59 41 55.35	47.718	+ 4.76	+1 40.8	5 47 13.99	− 2.40	−20 53 11.0	− 5.0
47	139 Tauri	9	52 5.04	+ 0.43	− 0.01	12 53 54.20	47.555	+ 4.76	+ 13.6	5 52 5.46	− 3.23	+25 56 20.9	+ 8.9
48	1 Geminorum	9	58 19.81	+ 0.41	+ 0.01	15 33 53.97	48.493	+ 4.76	+ 16.5	5 58 20.21	.....	+23 15 56.8	....
49	36 Camelopardalis	9	3 16.06	+ 1.06	− 0.01	333 7 50.77	45.500	+ 4.76	− 29.8	6 3 17.11	− 5.45	+65 43 54.5	+21.6
50	η Geminorum	9	9 7.59	+ 0.40	+ 0.07	16 17 54.32	48.575	+ 4.76	+ 17.3	6 9 7.98	.....	+22 31 53.8	....
51	μ Geminorum	9	17 11.77	+ 0.40	+ 0.03	16 17 54.70	44.153	+ 4.96	+ 17.3	6 17 12.16	.....	+22 33 34.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 22 44	30.03	49.8	49.0
23 7	......	....	47.3
23 24	30.02	48.7	48.0
0 2	30.02	48.0	48.0
0 27	30.01	48.9	49.0
16 19 53	30.02	56.0	55.0
20 23	......	....	54.2
20 43	......	....	51.7
20 53	30.02	52.4	51.1
21 27	......	....	50.1
21 37	30.025	51.0	....
22 1	......	....	49.8
22 20	......	....	49.1
22 42	30.02	49.5	48.8
5 27	29.98	44.5	43.3
5 56	......	....	43.0
6 13	29.975	43.8	42.3

Micrometer bisections are made at II, VI, except as noted below.

8.	Bisections at II, VI, VII.
13, 21, 25, 27, 29.	Bisections at I, II.
16, 38.	Bisections at VI, VII.
19.	Bisections at b$_4$, b$_5$, b$_6$, b$_9$.
20.	Bisections at II, III, IV, V, VI.
22, 24, 32.	Bisections at III, V.
26, 31, 34, 40.	Bisections at III, IV, V.
33.	Bisection at V.
41.	Bisections at IV, V.
43.	Bisections at II, VII.

Notes.

22, 46. Very poor.
34. Faint.
51. Two microscopes used.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
20	+45 28.7	+15 0.9	...	+60 29.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	6 Lyncis	9	22 30.41	+ 0.85	− 0.01	340 37 51.95	45.778	+ 4.76	− 20.7	6 22 31.25	− 4.34	+58 13 37.9	+21.3
2	ξ² Canis Majoris	9	31 4.12	+ 0.05	− 0.02	61 41 55.10	47.600	+ 4.76	+1 49.7	6 31 4.15	.....	−22 53 17.0	....
3	153 H¹. Draconis s. p.	9	35 55.09	− 0.52	− 0.02	284 19 50.20	45.167	+ 4.76	−3 46.6	18 35 54.55	+ 0.56	+65 24 40.1	−30.5
4	ξ Geminorum	9	39 56.46	+ 0.33	0.00	25 49 54.90	48.335	+ 4.76	+ 28.7	6 39 56.77	.....	+12 59 47.3	....
5	ψ⁷ Aurigæ	9	44 1.38	+ 0.59	− 0.02	356 57 54.57	45.685	+ 4.76	− 3.1	6 44 1.95	− 3.26	+41 53 19.9	+17.9
6	e Geminorum	9	49 16.01	+ 0.33	− 0.02	25 31 53.82	48.270	+ 4.76	+ 28.4	6 49 16.32	− 2.60	+13 17 50.2	+ 8.5
7	105 G. Canis Majoris	9	54 41.86	+ 0.02	− 0.02	64 5 54.90	46.360	+ 4.76	+2 1.7	6 54 41.86	− 2.04	−25 17 0.4	− 3.0
8	σ² Canis Majoris	9	59 2.97	+ 0.04	− 0.02	62 29 55.30	48.150	+ 4.76	+1 53.6	6 59 2.99	− 2.05	−23 41 33.6	− 2.4
9	45 Geminorum	9	2 53.96	+ 0.35	− 0.02	22 45 54.30	45.718	+ 4.76	+ 24.9	7 2 54.29	− 2.55	+16 4 51.5	+10.2
10	55 Draconis s. p.	9	9 24.97	− 0.53	− 0.02	284 43 49.42	47.437	+ 4.76	−3 40.6	19 9 24.42	− 0.09	+65 49 37.3	−32.7
11	δ Geminorum	9	14 25.59	+ 0.40	+ 0.06	16 41 55.22	44.813	+ 4.76	+ 17.8	7 14 25.97	.....	+22 9 18.2	....
12	ι Geminorum	9	19 48.11	+ 0.45	+ 0.01	10 51 54.47	45.793	+ 4.76	+ 11.4	7 19 48.54	.....	+27 59 3.1	....
13	6 Canis Minoris	9	24 29.23	+ 0.32	− 0.02	26 37 55.55	47.418	+ 4.76	+ 29.8	7 24 29.53	− 2.36	+12 12 6.5	+ 9.8
14	Mercury C, C	9	55 45.01	+ 0.15	− 0.04	42 57 56.12	45.125	+ 4.38	+ 53.0	12 55 45.12	− 0.01	− 4 7 24.4	....
	October 17, M.												
15	Sun I, N	9	27 21.89	+ 0.11	− 0.05	47 49 55.50	47.683	+ 4.38	+1 2.7	13 27 21.95	+65.32	− 9 0 32.5	....
16	Sun II, S	9	29 32.53	+ 0.11	− 0.05	48 21 56.87	47.948	+ 4.38	+1 3.9	13 29 32.59	−65.32	− 9 32 39.9	....
17	Venus I, C	9	13 7.06	+ 0.04	− 0.05	57 9 58.15	46.979	+ 4.35	+1 27.0	15 13 7.05	+ 0.41	−18 20 42.7	....
	October 17, Ei.-Y.												
18	Moon I, S	9	1 15.63	+ 0.01	− 0.09	53 37 54.42	47.950	+ 3.42	+1 17.2	21 1 15.55	+63.43	−14 48 50.5	....
19	B. D. −22°5735	9	33 46.08	− 0.06	− 0.09	60 57 55.55	46.078	+ 3.42	+1 42.6	21 33 45.93	− 2.79	−22 8 34.1	−16.8
20	B. D. −16°5933	9	39 5.34	− 0.01	− 0.09	55 13 55.12	46.460	+ 3.42	+1 22.2	21 39 5.24	− 2.78	−16 24 22.1	−18.8
21	δ Capricorni	9	41 47.53	− 0.01	− 0.08	55 23 54.62	44.223	+ 3.42	+1 22.7	21 41 47.43	.....	−16 33 30.9	....
22	μ Capricorni	9	48 6.74	+ 0.01	− 0.13	52 49 54.27	45.685	+ 3.42	+1 15.4	21 48 6.66	.....	−13 59 57.0	....
23	B. D. − 4°5568	9	49 12.39	+ 0.08	− 0.09	43 33 55.20	44.775	+ 3.42	+ 54.4	21 49 12.38	− 2.78	− 4 43 15.5	−22.5
24	B. D. −15°6103	9	52 36.99	0.00	− 0.09	54 23 54.65	46.960	+ 3.42	+1 19.8	21 52 36.90	− 2.82	−15 34 30.7	−19.2
25	B. D. −15°6119	9	56 18.04	0.00	− 0.09	53 37 53.92	42.985	+ 3.42	+1 17.6	21 56 17.95	− 2.83	−14 46 56.9	−19.5
26	B. D. −13°6095	9	58 58.90	+ 0.02	− 0.09	52 19 55.02	42.593	+ 3.42	+1 14.0	21 58 58.83	− 2.84	−13 28 45.4	−19.9
27	B. D. −20°6362	9	2 11.07	− 0.04	− 0.09	58 51 53.82	44.985	+ 3.42	+1 34.6	22 2 10.94	− 2.87	−20 1 59.5	−18.0
28	B. D. − 8°5817	9	4 25.28	+ 0.05	− 0.09	47 29 55.80	44.103	+ 3.42	+1 2.4	22 4 25.24	− 2.85	− 8 39 9.4	−21.4
29	B. D. − 4°5625	9	5 36.32	+ 0.08	− 0.09	43 33 55.40	46.705	+ 3.42	+ 54.5	22 5 36.31	− 2.85	− 4 44 0.6	−22.5
30	B. D. −12°6227	9	11 40.93	+ 0.02	− 0.09	50 57 54.02	44.185	+ 3.42	+1 10.6	22 11 40.86	− 2.88	−12 7 17.7	−20.4
31	B. D. −10°5879	9	12 47.55	+ 0.04	− 0.09	49 3 56.32	43.390	+ 3.42	+1 6.0	22 12 47.50	− 2.88	−10 12 57.0	−21.0
32	B. D. − 9°5963	9	15 50.42	+ 0.05	− 0.09	48 3 56.05	47.715	+ 3.42	+1 3.8	22 15 50.38	− 2.89	− 9 14 33.3	−21.2
33	B. D. − 5°5780	9	19 9.81	+ 0.08	− 0.09	44 9 54.77	44.158	+ 3.42	+ 55.7	22 19 9.80	− 2.91	− 5 19 2.6	−22.3
34	B. D. −11°5833	9	21 38.77	+ 0.03	− 0.09	50 31 53.87	47.843	+ 3.42	+1 9.6	22 21 38.71	− 2.91	−11 42 39.9	−20.6
35	B. D. −13°6204	9	24 56.59	+ 0.01	− 0.09	52 13 53.60	46.213	+ 3.42	+1 14.0	22 24 56.51	− 2.93	−13 24 6.7	−20.1
36	B. D. −11°5855	9	26 38.99	+ 0.03	− 0.09	50 13 53.22	44.950	+ 3.42	+1 8.9	22 26 38.93	− 2.93	−11 23 32.4	−20.6
37	B. D. −17°6554	9	31 0.26	− 0.02	− 0.09	55 41 53.55	47.525	+ 3.42	+1 24.0	22 31 0.15	− 2.95	−16 52 46.7	−19.2
38	B. D. −14°6317	9	32 50.18	+ 0.01	− 0.09	52 41 53.50	45.455	+ 3.42	+1 15.3	22 32 50.10	− 2.95	−13 51 50.6	−20.0
39	B. D. − 5°5843	9	37 9.38	+ 0.08	− 0.09	44 25 54.62	46.203	+ 3.42	+ 56.2	22 37 9.37	− 2.97	− 5 35 49.7	−22.1
40	B. D. − 3°5505	9	42 17.85	+ 0.09	− 0.09	42 1 53.80	48.243	+ 3.42	+ 51.8	22 42 17.85	− 3.00	− 3 12 31.4	−22.7
41	B. D. −11°5923	9	43 30.17	+ 0.03	− 0.09	49 53 54.70	44.660	+ 3.42	+1 8.1	22 43 30.11	− 2.99	−11 3 26.5	−20.7
42	B. D. −10°6008	9	47 45.87	+ 0.04	− 0.09	49 23 54.17	45.748	+ 3.42	+1 6.9	22 47 45.82	− 3.00	−10 33 49.6	−20.8
43	B. D. + 0°4939	9	50 7.88	+ 0.12	− 0.09	38 15 54.67	48.293	+ 3.42	+ 45.3	22 50 7.91	− 3.04	+ 0 33 33.3	−23.4
44	B. D. −11°5961	9	53 7.82	+ 0.03	− 0.09	50 27 53.57	47.190	+ 3.42	+1 9.6	22 53 7.76	− 3.01	−11 38 24.6	−20.5
45	B. D. − 0°4443	9	55 45.57	+ 0.12	− 0.09	39 9 54.02	45.580	+ 3.42	+ 46.8	22 55 45.60	− 3.06	− 0 19 25.5	−23.1
46	B. D. − 7°5913	8	57 36.59	+ 0.07	− 0.09	45 55 54.82	43.995	+ 3.42	+ 59.3	22 57 36.57	− 3.04	− 7 5 2.6	−21.6
47	B. D. − 3°5592	9	9 13.19	+ 0.10	− 0.10	41 59 54.15	44.480	+ 3.42	+ 51.7	23 9 13.19	− 3.09	− 3 9 5.4	−22.2
48	B. D. −13°6372	8	10 54.01	+ 0.01	− 0.10	52 31 54.50	46.205	+ 3.42	+1 14.9	23 10 53.92	− 3.06	−13 42 8.4	−19.9
49	B. D. − 0°4498	9	13 28.42	+ 0.12	− 0.10	38 49 53.95	46.165	+ 3.42	+ 46.3	23 13 28.44	− 3.13	+ 0 0 21.7	−22.8
50	B. D. − 7°5993	9	16 19.88	+ 0.06	− 0.10	46 21 54.17	48.095	+ 3.42	+1 0.3	23 16 19.84	− 3.09	− 7 32 36.7	−21.2
51	B. D. − 6°6213	9	21 45.02	+ 0.07	− 0.10	44 35 55.97	44.778	+ 3.42	+ 56.7	23 21 44.99	− 3.12	− 5 45 19.0	−21.4
52	B. D. −10°6120	9	24 5.84	+ 0.04	− 0.10	48 37 55.45	44.578	+ 3.42	+1 5.3	23 24 5.78	− 3.10	− 9 47 22.5	−20.6
53	B. D. − 4°5896	9	26 37.11	+ 0.08	− 0.10	43 25 55.42	47.740	+ 3.42	+ 54.5	23 26 37.09	− 3.14	− 4 36 24.0	−21.6
54	B. D. − 5°6011	9	28 35.11	+ 0.08	− 0.10	43 45 54.92	45.510	+ 3.42	+ 55.1	23 28 35.09	− 3.14	− 4 55 33.1	−21.5
55	B. D. − 6°6239	9	30 53.44	+ 0.07	− 0.10	45 5 55.12	47.775	+ 3.42	+ 57.8	23 30 53.41	− 3.14	− 6 16 27.8	−21.2
56	B. D. − 6°6256	9	34 57.53	+ 0.07	− 0.10	44 53 55.25	47.563	+ 3.42	+ 57.4	23 34 57.50	− 3.15	− 6 4 23.0	−21.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 6 26	......	....	41.9
6 37	......	....	41.3
7 27	29.98	41.5	40.4
12 56	30.02	60.7	61.0
17 13 30	30.015	61.9	62.3
15 13	29.98	66.9	67.0
21 4	29.95	60.0	60.0
21 31	29.95	59.3	58.8
21 54	......	....	57.7
22 23	29.95	57.0	56.5
22 49	......	....	55.9
23 15	29.94	55.6	55.1

Micrometer bisections are made at II, VI, except as noted below.

3, 10.	Bisections at III, IV, V.
11.	Bisections at I, II, VI.
14, 17.	Bisections at I, II, VI, VII.
15, 22, 28–30, 40, 56.	Bisections at I, II.
16.	Bisections at VI, VII.
18.	Bisections at II, III, IV, V, VI.
19, 21, 33.	Bisections at II, VII.
23.	Bisections at VII, VIII.

Notes.

10. Very poor.
23. Image poor.
24–38. Unsteady at times.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+ 4.5	.. ....	+ 0.1	+ 4.6
15	+ 6.5	−16 3.6	...	−15 57.1
16	+ 6.6	+16 3.7	...	+16 10.3
17	+ 5.0	.. ....	0.0	+ 5.0
18	+43 48.4	+14 53.1	...	+58 41.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 3°5688	9	36 21.03	+ 0.09	− 0.10	42 13 54.97	44.523	+ 3.42	+ 52.3	23 36 21.02	− 3.17	− 3 23 7.6	−21.6
2	B. D.− 1°4485	9	40 8.01	+ 0.11	− 0.10	40 1 54.92	45.043	+ 3.42	+ 48.4	23 40 8.02	− 3.20	− 1 11 15.7	−21.9
3	B. D.+ 1°4773	9	43 57.63	+ 0.13	− 0.10	37 9 58.30	43.778	+ 3.42	+ 43.7	23 43 57.66	− 3.24	+ 1 41 14.4	−22.2
4	φ Pegasi	9	47 39.41	+ 0.25	− **0.01**	20 15 53.95	43.950	+ 3.42	+ 21.8	23 47 39.56	.....	+18 35 36.7	....
5	B. D.− 6°6335	9	54 48.40	+ 0.07	− 0.10	45 15 55.17	44.600	+ 3.42	+ 58.1	23 54 48.37	− 3.20	− 6 25 15.6	−20.5
6	B. D.+ 8°5164	9	57 32.36	+ 0.18	− 0.10	30 23 54.07	48.483	+ 3.42	+ 33.9	23 57 32.44	− 3.35	+ 8 25 40.6	−22.6
7	2 Ceti	9	58 52.62	− 0.02	− **0.09**	56 41 53.25	45.198	+ 3.42	+1 27.6	23 58 52.50	.....	−17 51 56.7	....
8	δ Piscium	9	43 45.42	+ 0.17	− **0.07**	31 47 54.97	42.105	+ 3.42	+ 35.8	0 43 45.49	.....	+ 7 4 3.9	....
9	20 Ceti	9	48 9.35	+ 0.11	− **0.06**	40 29 54.40	46.018	+ 3.42	+ 49.3	0 48 9.36	.....	− 1 39 38.4	....
10	ε Piscium	9	58 1.01	+ 0.17	− **0.09**	31 27 54.32	45.725	+ 3.42	+ 35.4	0 58 1.08	.....	+ 7 22 42.2	....
	October 17, Br.												
11	η Orionis (*brighter*)	8	19 41.93	+ 0.16	− 0.21	41 19 55.30	44.480	+ 4.38	+ 51.1	5 19 41.88	− 2.84	− 2 29 7.2	− 2.0
12	18 Camelopardalis	8	24 24.95	+ 0.83	− 0.21	341 41 52.10	47.548	+ 4.38	− 19.1	5 24 25.57	− 5.04	+57 8 56.3	+15.5
13	ι Orionis	9	30 47.10	+ 0.13	− **0.25**	44 47 56.75	47.418	+ 4.38	+ 57.8	5 30 47.01	.....	− 5 58 22.2	....
14	23 Camelopardalis	9	35 23.43	+ 0.94	− 0.22	337 25 51.62	46.488	+ 4.38	− 24.0	5 35 24.15	− 5.37	+61 25 25.9	+17.7
15	κ Orionis	9	43 15.03	+ 0.10	− **0.28**	48 31 56.47	46.673	+ 4.38	+1 5.9	5 43 14.91	.....	− 9 42 13.0	....
16	99 B. Camelopardalis	9	52 25.80	+ 1.14	− 0.22	331 57 51.50	47.250	+ 4.38	− 30.8	5 52 26.72	− 5.89	+66 53 15.3	+20.7
17	k Orionis	9	11 5.99	+ 0.28	− 0.22	26 31 55.32	48.225	+ 4.38	+ 29.2	6 11 6.05	− 2.84	+12 17 49.3	+ 5.8
18	μ Geminorum	9	17 12.10	+ 0.37	− **0.24**	16 17 55.62	44.113	+ 4.38	+ 17.1	6 17 12.25	.....	+22 33 35.0	....
19	8 Lyncis	9	28 59.12	+ 0.95	− 0.22	337 17 52.05	46.153	+ 4.38	− 24.2	6 28 59.85	.....	+61 33 33.3	....
20	ξ Geminorum	9	39 56.83	+ 0.28	− **0.29**	25 49 55.07	48.400	+ 4.38	+ 28.2	6 39 56.89	.....	+12 59 46.3	....
21	18 Lyncis	9	7 35.31	+ 0.90	− 0.22	339 3 52.30	44.618	+ 4.38	− 22.1	7 7 35.99	− 3.79	+59 48 6.0	+24.9
22	λ Geminorum	9	12 37.04	+ 0.31	− **0.18**	22 7 55.07	46.420	+ 4.38	+ 23.7	7 12 37.13	.....	+16 42 36.3	....
23	υ Geminorum	9	30 2.91	+ 0.41	− 0.22	11 43 55.02	47.813	+ 4.38	+ 12.1	7 30 3.10	− 2.55	+27 6 16.1	+15.4
24	Mercury C, C	9	2 0.82	+ 0.04	− 0.25	43 41 53.42	44.588	+ 4.09	+ 53.0	13 2 0.61	− 0.01	− 4 51 9.1	....
	October 18, Br.												
25	Sun I, S	9	31 6.98	+ 0.01	− 0.25	48 43 55.47	47.798	+ 4.09	+1 3.0	13 31 6.74	+65.48	− 9 54 35.1	....
26	Sun II, N	9	33 17.94	+ 0.01	− 0.25	48 11 57.90	47.265	+ 4.09	+1 1.8	13 33 17.70	−65.48	− 9 22 23.0	....
27	Venus I, C	9	18 5.18	− 0.07	− 0.26	57 31 53.37	47.298	+ 3.94	+1 26.1	15 18 4.85	+ 0.41	−18 42 43.9	....
28	Venus II	9	18 5.92	− 0.07	− 0.26	... .	......	....	. ....	15 18 5.59	− 0.33	.. ..	....
	October 18, Ei.-Y.												
29	γ Capricorni	9	34 49.54	− 0.08	− **0.26**	55 55 53.62	44.200	+ 4.80	+1 22.6	21 34 49.27	.....	−17 5 30.7	....
30	δ Capricorni	9	41 47.73	− 0.07	− **0.24**	55 23 53.55	44.300	+ 4.80	+1 21.0	21 41 47.47	.....	−16 33 31.4	....
31	B. D.−19°6176	9	46 25.13	− 0.10	− 0.19	57 53 51.77	45.230	+ 4.80	+1 29.0	21 46 24.84	− 2.80	−19 3 58.8	−18.0
32	Moon I, S	9	50 11.66	− 0.04	− 0.19	50 43 52.32	45.292	+ 4.80	+1 8.4	21 50 11.43	+62.32	−11 53 40.2	....
33	ι Aquarii	9	1 18.39	− 0.06	− **0.27**	53 9 51.00	45.560	+ 4.80	+1 14.6	22 1 18.14	.....	−14 19 51.2	....
34	B. D.−19°6227	9	3 46.37	− 0.10	− 0.19	57 47 53.20	48.175	+ 4.80	+1 28.7	22 3 46.08	− 2.86	−18 59 7.2	−18.2
35	B. D.−12°6196	8	5 32.77	− 0.04	− 0.19	50 51 52.27	45.943	+ 4.80	+1 8.7	22 5 32.54	− 2.85	−12 1 55.3	−20.3
36	B. D.− 5°5732	9	7 46.94	+ 0.01	− 0.19	44 1 54.70	44.893	+ 4.80	+ 54.0	22 7 46.76	− 2.85	− 5 11 19.1	−22.3
37	B. D.−17°6478	9	11 6.54	− 0.08	− 0.19	56 29 51.60	47.413	+ 4.80	+1 24.4	22 11 6.27	− 2.88	−17 40 44.2	−18.7
38	B. D.−18°6096	9	12 21.85	− 0.09	− 0.19	57 27 55.05	45.825	+ 4.80	+1 27.5	22 12 21.57	− 2.88	−18 38 14.2	−18.4
39	B. D.− 6°5972	9	16 25.53	0.00	− 0.19	45 33 53.30	44.658	+ 4.80	+ 57.0	22 16 25.34	− 2.88	− 6 43 15.3	−21.9
40	B. D.−14°6276	9	19 21.84	− 0.05	− 0.19	52 49 53.67	47.658	+ 4.80	+1 13.7	22 19 21.60	− 2.90	−14 0 40.9	−19.8
41	B. D.− 4°5683	8	24 27.84	+ 0.01	− 0.19	43 29 52.22	47.943	+ 4.80	+ 53.0	22 24 27.66	− 2.92	− 4 40 25.3	−22.4
42	B. D.− 3°5460	9	26 23.78	+ 0.02	− 0.19	42 13 52.42	46.540	+ 4.80	+ 50.7	22 26 23.61	− 2.93	− 3 23 51.2	−22.7
43	η Aquarii	9	30 28.54	+ 0.04	− **0.18**	39 25 52.72	48.130	+ 4.80	+ 46.0	22 30 28.38	.....	− 0 36 23.1	....
44	B. D.−10°6082	9	8 1.78	− 0.02	− 0.20	48 55 54.07	44.300	+ 4.80	+1 4.0	23 8 1.56	− 3.05	−10 5 14.9	−20.6
45	B. D.− 4°5852	9	10 40.83	+ 0.02	− 0.20	42 51 54.07	43.815	+ 4.80	+ 51.8	23 10 40.65	− 3.09	− 4 0 51.6	−22.0
46	B. D.−12°6461	9	12 42.71	− 0.04	− 0.20	51 3 52.80	45.965	+ 4.80	+1 9.1	23 12 42.47	− 3.06	−12 13 56.7	−20.1
47	B. D.− 4°5868	9	15 20.52	+ 0.01	− 0.20	43 15 52.75	47.305	+ 4.80	+ 52.6	23 15 20.33	− 3.10	− 4 26 11.1	−21.8
48	B. D.−10°6098	9	16 55.12	− 0.03	− 0.20	49 5 54.95	48.743	+ 4.80	+1 4.4	23 16 54.89	− 3.08	−10 16 57.7	−20.5
49	B. D.− 1°4427	9	18 51.67	+ 0.04	− 0.20	40 13 51.32	47.695	+ 4.80	+ 47.2	23 18 51.51	− 3.13	− 1 24 12.9	−22.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 23 38	....	....	54.0
0 0	29.935	54.4	53.8
0 42	....	....	52.8
0 56	29.925	53.5	52.7
5 15	29.88	49.3	48.9
5 38	....	....	48.3
6 6	29.87	48.3	....
6 11	....	....	47.0
6 40	29.87	48.8	48.0
7 13	29.87	49.0	48.7
7 30	29.875	50.1	52.0
13 2	29.90	69.1	72.1
18 13 33	29.89	70.2	73.9
15 18	29.86	74.8	77.3
21 36	29.815	65.7	66.2
22 3	....	....	66.8
22 32	29.82	65.4	67.3
23 7	....	....	67.7

Micrometer bisections are made at II, VI, except as noted below.

1, 26.	Bisections at VI, VII.
2, 7, 41, 46.	Bisections at II, VII.
6, 25, 37, 47.	Bisections at I, II.
11, 20.	Bisection at II.
12, 14, 16, 19, 21.	Bisections at III, V.
24, 27.	Bisections at I, II, VI, VII.
32.	Bisections at II, III, IV, V, VI.

Notes.

11.	Assumed that brighter was observed.
11–23.	Conditions poor.
15, 22, 23.	Diffuse and very unsteady.
31–47.	Images poor; unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
24	+ 4.5	.. ....	+0.1	+ 4.6
25	+ 6.6	+16 6.1	...	+16 12.7
26	+ 6.6	−16 6.0	...	−15 59.4
27	+ 5.0	.. ....	0.0	+ 5.0
32	+41 51.8	+14 48.1	...	+56 39.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	κ Piscium	9	22 4.00	+ 0.05	− **0.19**	38 5 54.02	46.785	+ 4.80	+ 43.8	23 22 3.85	....	+ 0 44 8.5	....
2	B. D.− 5°5999	9	24 37.64	+ 0.01	− 0.20	43 53 52.67	44.233	+ 4.80	+ 53.7	23 24 37.45	− 3.12	− 5 3 1.7	−21.5
3	B. D.− 1°4450	9	27 5.38	+ 0.03	− 0.20	40 27 54.07	43.385	+ 4.80	+ 47.6	23 27 5.21	− 3.15	− 1 36 37.6	−22.1
4	14 Piscium	9	29 16.19	+ 0.03	− 0.20	40 35 52.45	47.895	+ 4.80	+ 47.9	23 29 16.02	− 3.16	− 1 46 19.3	−22.0
5	B. D.+ 2°4686	9	31 14.77	+ 0.06	− 0.20	36 13 52.70	43.023	+ 4.80	+ 40.9	23 31 14.63	− 3.20	+ 2 37 38.7	−22.8
6	B. D.+ 4°5036	9	35 27.31	+ 0.08	− 0.20	34 33 54.12	45.345	+ 4.80	+ 38.5	23 35 27.19	− 3.23	+ 4 16 46.6	−22.9
7	B. D.− 2°6021	9	37 29.46	+ 0.03	− 0.20	40 51 51.97	46.100	+ 4.80	+ 48.3	23 37 29.29	− 3.18	− 2 1 38.2	−21.7
8	B. D.− 0°4566	9	41 43.13	+ 0.04	− 0.20	38 49 53.02	46.673	+ 4.80	+ 45.0	23 41 42.97	− 3.21	+ 0 0 10.9	−22.0
9	B. D.+ 5°5224	9	45 23.28	+ 0.09	− 0.20	32 49 52.72	45.550	+ 4.80	+ 36.1	23 45 23.17	− 3.28	+ 6 0 45.7	−22.8
10	B. D.+ 2°4728	9	49 27.77	+ 0.07	− 0.20	35 41 51.95	44.675	+ 4.80	+ 40.2	23 49 27.64	− 3.26	+ 3 9 2.4	−22.2
11	B. D.+ 2°4736	9	52 14.53	+ 0.06	− 0.20	36 17 52.45	45.860	+ 4.80	+ 41.1	23 52 14.39	− 3.26	+ 2 32 34.0	−22.0
12	B. D.+ 0°5080	9	55 42.77	+ 0.05	− 0.20	38 17 52.82	46.628	+ 4.80	+ 44.2	23 55 42.62	− 3.26	+ 0 32 12.9	−21.6
13	B. D.+ 7°5121	9	57 38.70	+ 0.10	− 0.20	30 53 52.25	43.815	+ 4.80	+ 33.5	23 57 38.60	− 3.34	+ 7 57 28.5	−22.6
14	B. D.− 0°4619	9	1 16.34	+ 0.04	− 0.20	39 13 53.80	48.260	+ 4.80	+ 45.8	0 1 16.18	− 3.26	− 0 24 26.9	−21.2
15	B. D.− 3°5	9	3 51.38	+ 0.03	− 0.20	41 35 52.35	44.568	+ 4.80	+ 49.8	0 3 51.21	− 3.24	− 2 45 5.1	−20.8
16	B. D.− 2°19	.	.. ..	+ 0.03	− 0.20	40 35 52.12	45.320	+ 4.80	+ 48.1	0 7	− 3.26	− 1 45 20.4	−20.8
17	ι Ceti	9	14 35.74	− 0.02	− **0.27**	48 11 52.30	43.968	+ 4.80	+1 2.9	0 14 35.52	....	− 9 21 4.4	....
18	44 Piscium	9	20 32.41	+ 0.05	− **0.25**	37 25 53.40	45.118	+ 4.80	+ 43.1	0 20 32.26	....	+ 1 24 48.0	....
19	B. D.+11°158	9	7 20.14	+ 0.15	− 0.20	27 3 54.67	46.013	+ 4.97	+ 29.0	1 7 20.09	− 3.58	+11 46 39.8	−18.8
20	ζ¹ Piscium	9	8 46.52	+ 0.12	− **0.23**	31 45 52.97	46.665	+ 4.98	+ 35.1	1 8 46.44	....	+ 7 4 20.8	....
21	B. D.+ 0°210	9	10 43.43	+ 0.08	− 0.21	38 25 54.57	45.623	+ 4.99	+ 45.0	1 10 43.30	− 3.39	+ 0 24 33.1	−18.1
22	f Piscium	9	12 54.37	+ 0.10	− 0.21	35 43 54.45	45.145	+ 4.99	+ 40.8	1 12 54.26	....	+ 3 6 48.1	....
23	υ Piscium	9	14 15.18	+ 0.26	− **0.21**	12 5 54.92	43.663	+ 5.00	+ 12.2	1 14 15.23	....	+26 45 50.3	....
24	B. D.+ 4°232	9	17 30.86	+ 0.11	− 0.21	33 35 50.32	46.690	+ 5.01	+ 37.7	1 17 30.76	− 3.47	+ 5 14 20.3	−17.9
25	B. D.+13°207	9	19 17.58	+ 0.16	− 0.21	25 25 52.10	47.095	+ 5.02	+ 27.0	1 19 17.53	− 3.63	+13 24 19.9	−17.9
26	B. D.+16°154	9	23 18.07	+ 0.18	− 0.21	22 15 52.95	44.878	+ 5.03	+ 23.2	1 23 18.04	− 3.71	+16 35 13.5	−17.6
27	B. D.+ 1°269	9	26 1.23	+ 0.08	− 0.21	37 5 53.70	47.673	+ 5.04	+ 42.9	1 26 1.10	− 3.42	+ 1 43 49.2	−17.2
28	B. D.+ 3°215	9	28 50.63	+ 0.10	− 0.21	35 33 54.02	44.620	+ 5.05	+ 40.5	1 28 50.52	− 3.45	+ 3 17 1.1	−17.1
29	B. D.+16°176	9	30 46.77	+ 0.18	− 0.21	21 53 53.00	45.985	+ 5.06	+ 22.8	1 30 46.74	− 3.73	+16 56 48.5	−17.0
30	B. D.+11°207	9	32 37.87	+ 0.15	− 0.21	27 15 53.22	43.633	+ 5.07	+ 29.2	1 32 37.81	− 3.61	+11 35 35.7	−16.9
31	Jupiter I, C	5	35 24.75	+ 0.13	− 0.21	30 33 53.97	44.490	+ 5.08	+ 33.5	1 35 24.67	+ 1.64	+ 8 15 27.7	....
32	Jupiter II	5	35 28.03	+ 0.13	− 0.21	... .	......	....	....	1 35 27.95	− 1.64	.. ..	....
33	ν Piscium	9	36 29.65	+ 0.11	− **0.19**	33 49 53.60	46.483	+ 5.08	+ 38.0	1 36 29.55	....	+ 5 0 21.4	....
34	B. D.+13°270	9	39 20.39	+ 0.16	− 0.21	25 15 52.35	45.990	+ 5.09	+ 26.7	1 39 20.34	− 3.66	+13 34 45.2	−16.4
35	B. D.+16°204	9	43 12.41	+ 0.18	− 0.21	22 17 53.70	45.930	+ 5.11	+ 23.2	1 43 12.38	− 3.73	+16 32 48.6	−16.0
36	B. D.+ 3°249	9	46 5.03	+ 0.10	− 0.21	35 5 56.45	44.583	+ 5.12	+ 39.7	1 46 4.92	− 3.47	+ 3 45 0.2	−16.0
37	ξ Piscium	9	48 38.60	+ 0.09	− **0.15**	36 7 52.35	44.543	+ 5.13	+ 41.3	1 48 38.48	....	+ 2 43 3.6	....
38	B. D.+17°289	9	52 9.92	+ 0.19	− 0.21	21 29 53.00	45.050	+ 5.14	+ 22.3	1 52 9.90	− 3.76	+17 21 10.3	−15.2
39	B. D.+ 8°308	9	55 43.74	+ 0.13	− 0.21	30 5 53.67	44.895	+ 5.15	+ 32.8	1 55 43.66	− 3.56	+ 8 45 2.7	−15.2
40	B. D.+17°307	9	58 30.26	+ 0.19	− 0.21	21 3 51.85	43.625	+ 5.16	+ 21.8	1 58 30.24	− 3.78	+17 47 44.5	−14.6
41	B. D.+ 9°271	9	1 36.60	+ 0.14	− 0.21	28 49 52.65	44.100	+ 5.18	+ 31.1	2 1 36.53	− 3.59	+10 1 23.6	−14.7
42	B. D.+16°247	9	4 10.29	+ 0.18	− 0.21	22 3 52.70	46.395	+ 5.19	+ 22.9	2 4 10.26	− 3.75	+16 46 39.2	−14.2
43	B. D.+20°348	9	7 29.29	+ 0.21	− 0.21	18 5 54.47	43.495	+ 5.20	+ 18.5	2 7 29.29	− 3.86	+20 45 48.1	−13.6
44	B. D.+10°306	9	10 47.59	+ 0.14	− 0.21	27 55 53.05	45.145	+ 5.21	+ 29.9	2 10 47.52	− 3.61	+10 55 0.4	−14.0
45	B. D.+12°317	9	13 43.21	+ 0.16	− 0.21	26 17 54.42	44.960	+ 5.22	+ 27.9	2 13 43.16	− 3.65	+12 33 5.3	−13.6
46	B. D.+15°329	9	16 37.84	+ 0.18	− 0.21	23 7 53.77	43.765	+ 5.23	+ 24.1	2 16 37.81	− 3.72	+15 43 37.0	−13.2
47	ξ Arietis	9	19 43.84	+ 0.14	− 0.21	28 39 53.35	45.770	+ 5.24	+ 30.8	2 19 43.77	− 3.59	+10 10 44.9	−13.3
48	B. D.+16°293	9	22 18.31	+ 0.18	− 0.21	22 37 53.70	45.450	+ 5.25	+ 23.5	2 22 18.28	− 3.74	+16 12 59.2	−12.6
49	B. D.+19°365	9	25 19.14	+ 0.20	− 0.21	19 25 53.97	43.120	+ 5.26	+ 19.9	2 25 19.13	− 3.82	+19 25 55.7	−12.1
50	B. D.+22°368	9	29 15.07	+ 0.22	− 0.21	16 17 54.60	45.738	+ 5.28	+ 16.5	2 29 15.08	− 3.91	+22 32 58.6	−11.4
51	B. D.+20°433	9	31 22.31	+ 0.21	− 0.21	18 33 53.42	45.248	+ 5.29	+ 19.0	2 31 22.31	− 3.84	+20 17 8.5	−11.4
52	B. D.+ 8°407	9	33 55.63	+ 0.13	− 0.21	30 19 53.12	46.335	+ 5.30	+ 33.0	2 33 55.55	− 3.55	+ 8 30 30.0	−12.3
53	B. D.+16°330	9	37 4.28	+ 0.18	− 0.21	22 17 53.95	45.103	+ 5.31	+ 23.1	2 37 4.25	− 3.74	+16 33 7.2	−11.3
54	B. D.+13°442	9	39 50.31	+ 0.16	− 0.21	24 59 53.75	47.625	+ 5.32	+ 26.3	2 39 50.26	− 3.66	+13 50 6.6	−11.3
55	B. D.+17°442	9	43 12.71	+ 0.19	− 0.21	20 57 54.22	44.960	+ 5.33	+ 21.6	2 43 12.69	− 3.77	+17 53 11.7	−10.6
56	σ Arietis	9	46 15.18	+ 0.17	− **0.22**	24 9 52.80	44.428	+ 5.34	+ 25.3	2 46 15.14	....	+14 41 21.6	....
57	B. D.+17°454	9	49 36.03	+ 0.19	− 0.21	21 29 53.75	45.935	+ 5.36	+ 22.2	2 49 36.01	− 3.75	+17 20 49.2	−10.0
58	B. D.+23°392	9	53 5.24	+ 0.24	− 0.21	15 5 54.20	45.573	+ 5.37	+ 15.2	2 53 5.27	− 3.93	+23 45 4.0	− 8.9
59	B. D.+17°471	9	55 11.33	+ 0.19	− 0.21	21 13 53.55	43.955	+ 5.38	+ 21.9	2 55 11.31	− 3.75	+17 37 35.0	− 9.5
60	B. D.+15°430	9	59 23.74	+ 0.17	− 0.21	23 21 52.62	44.975	+ 5.39	+ 24.4	2 59 23.70	− 3.68	+15 29 10.1	− 9.4
61	B. D.+18°414	9	2 58.25	+ 0.19	− 0.21	20 25 53.72	43.595	+ 5.41	+ 21.0	3 2 58.23	− 3.76	+18 25 43.9	− 8.6
62	δ Arietis	9	6 12.09	+ 0.20	− **0.22**	19 27 53.05	48.383	+ 5.42	+ 20.0	3 6 12.08	....	+19 21 56.1	...
63	ζ Arietis	9	9 26.67	+ 0.21	− **0.18**	18 9 53.40	44.508	+ 5.43	+ 18.6	3 9 26.67	....	+20 41 25.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 23 25	29.82	65.4	67.8
23 54	......	....	66.7
0 22	29.81	62.8	62.5
1 5	29.80	61.5	60.1
1 28	......	....	60.0
1 50	29.80	60.9	61.2
2 5	......	....	62.2
2 26	29.795	61.5	62.9
2 48	......	....	63.6
3 11	29.81	61.9	62.1

Micrometer bisections are made at II, VI, except as noted below.

3, 18, 23, 25, 58.	Bisections at II, VII.
19, 22, 31.	Bisections at I, II.
31.	Z. D. threads A used.

Notes.

6–13.	Somewhat unsteady.
14, 33–62.	Images rather poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
31	+ 1.1	.. ....	...	+ 1.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	October 18, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Eridani	9	40 45.24	+ 0.06	− **0.16**	42 15 54.22	46.200	+ 5.79	+ 51.4	4 40 45.09	.....	− 3 25 46.9	....
2	π^4 Orionis	9	46 8.75	+ 0.12	− 0.21	33 23 54.27	46.168	+ 5.79	+ 37.3	4 46 8.66	− 3.15	+ 5 26 28.2	− 2.3
3	k Tauri	9	52 20.41	+ 0.25	− 0.21	13 55 53.67	48.290	+ 5.79	+ 14.1	4 52 20.45	− 3.60	+24 54 3.2	+ 3.3
4	157 H^1. Cephei	7	58 5.36	+ 4.13	− 0.21	313 1 47.05	47.175	+ 5.79	−1 0.3	4 58 9.28	−28.48	+85 49 49.3	+18.0
5	λ Eridani	9	4 36.14	+ 0.02	− 0.21	47 42	......	....	. ....	5 4 35.95	− 2.82	− 8 52	....
6	β Orionis	9	9 58.50	+ 0.03	− **0.25**	47 9 54.17	42.995	+ 5.79	+1 1.0	5 9 58.32	.....	− 8 18 42.9	....
7	λ Leporis	9	15 12.09	− 0.01	− 0.21	52 5 53.80	47.215	+ 5.79	+1 12.6	5 15 11.87	− 2.71	−13 16 30.7	− 4.8
8	β Tauri	9	20 16.85	+ 0.29	− **0.19**	10 19 53.95	44.800	+ 5.79	+ 10.4	5 20 16.93	.....	+28 31 26.3	....
9	δ Orionis	9	27 9.16	+ 0.08	− **0.24**	39 11 54.35	47.550	+ 5.79	+ 46.1	5 27 9.03	.....	− 0 22 12.6	....
10	σ Orionis	9	33 58.57	+ 0.07	− 0.21	41 29 54.67	45.060	+ 5.79	+ 50.0	5 33 58.43	− 2.80	− 2 39 19.9	− 1.0
11	o Aurigæ	9	38 31.82	+ 0.51	− 0.21	349 3 53.60	47.383	+ 5.79	− 10.8	5 38 32.12	.....	+49 46 48.7	....
12	κ Orionis	9	43 15.07	+ 0.02	− **0.21**	48 31 56.25	46.735	+ 5.79	+1 4.0	5 43 14.88	.....	− 9 42 13.6	....
13	δ Leporis	9	47 14.34	− 0.07	− 0.21	59 41 54.37	47.918	+ 5.79	+1 36.6	5 47 14.06	− 2.46	−20 53 11.4	− 4.8
14	139 Tauri	9	52 5.48	+ 0.28	− 0.21	12 53 55.17	47.495	+ 5.79	+ 13.0	5 52 5.55	− 3.29	+25 56 20.9	+ 8.8
15	1 Geminorum	9	58 20.21	+ 0.26	− **0.18**	15 33 54.17	48.497	+ 5.79	+ 15.8	5 58 20.26	.....	+23 15 56.3	....
16	36 Camelopardalis	9	3 16.56	+ 0.83	− 0.22	333 7 49.72	45.438	+ 5.79	− 28.5	6 3 17.17	− 5.57	+65 43 54.8	+21.4
17	η Geminorum	9	9 7.99	+ 0.25	− **0.12**	16 17 55.12	48.520	+ 5.79	+ 16.6	6 9 8.02	.....	+22 31 53.9	....
18	μ Geminorum	9	17 12.15	+ 0.26	− **0.15**	16 17 55.12	44.088	+ 5.79	+ 16.6	6 17 12.19	.....	+22 33 35.2	....
19	6 Lyncis	9	22 30.90	+ 0.66	− 0.22	340 37 59.90	45.363	+ 5.79	− 19.8	6 22 31.34	− 4.44	+58 13 37.5	+21.2
20	ξ^2 Canis Majoris	9	31 4.54	− 0.09	− 0.22	61 41 54.65	47.780	+ 5.79	+1 45.0	6 31 4.23	.....	−22 53 16.9	....
21	153 H^1. Draconis s. P.	8	35 55.28	− 0.49	− 0.22	284 19 47.70	44.814	+ 5.79	−3 36.8	18 35 54.57	+ 0.66	+65 24 40.4	−30.3
22	ξ Geminorum	9	39 56.84	+ 0.19	− **0.18**	25 49 54.32	48.365	+ 5.79	+ 27.5	6 39 56.81	.....	+12 59 47.4	....
23	ψ^7 Aurigæ	9	44 1.89	+ 0.44	− 0.22	356 57 54.02	45.665	+ 5.79	− 2.9	6 44 2.11	− 3.34	+41 53 19.7	+17.9
24	105 G. Canis Majoris	9	54 42.27	− 0.11	− 0.22	64 5 54.22	46.583	+ 5.79	+1 56.4	6 54 41.94	− 2.10	−25 17 0.6	− 2.8
25	o^2 Canis Majoris	9	59 3.34	− 0.09	− 0.22	62 29 54.22	48.390	+ 5.79	+1 48.7	6 59 3.03	− 2.11	−23 41 34.2	− 2.3
26	45 Geminorum	9	2 54.34	+ 0.22	− 0.22	22 45 54.25	45.728	+ 5.79	+ 23.8	7 2 54.34	− 2.62	+16 4 51.4	+10.2
27	Mercury C, C.	9	8 16.52	+ 0.07	− 0.26	44 25 56.65	43.669	+ 5.85	+ 54.7	13 8 16.33	0.00	− 5 34 54.8	....
	October 19, M.												
28	Sun I, S.	9	34 52.14	+ 0.03	− 0.26	49 5 53.30	47.128	+ 5.85	+1 4.4	13 34 51.91	+65.57	−10 16 20.7	....
29	Sun II, N.	9	37 3.28	+ 0.03	− 0.26	48 33 54.85	46.653	+ 5.85	+1 3.2	13 37 3.05	−65.57	− 9 44 9.1	....
30	Venus I, C.	9	23 4.27	− 0.08	− 0.26	57 53 53.57	46.004	+ 5.72	+1 28.1	15 23 3.93	+ 0.41	−19 4 18.3	....
31	4 B. Ursæ Minoris s. P.	7	3 5.77	−16.04	− 0.30	307 47 47.70	44.057	+ 5.14	−1 12.1	8 2 49.43	.....	+88 54 46.5	....
32	α^2 Capricorni	9	12 46.44	− 0.03	− **0.28**	51 39 52.27	46.813	+ 5.14	+1 11.1	20 12 46.11	.....	−12 50 18.0	....
33	γ Cygni	7	18 48.83	+ 0.38	− 0.30	358 54 8.87	44.590	+ 5.14	− 1.0	20 18 48.91	.....	+39 57 28.4	....
34	ρ Capricorni	9	23 26.01	− 0.08	− **0.30**	56 57 52.25	44.407	+ 5.14	+1 26.4	20 23 25.63	.....	−18 7 38.1	....
35	181 B. Camelopardalis s. P.	9	29 6.88	− 0.91	− 0.30	292 51 47.85	43.048	+ 5.14	−2 12.1	8 29 5.67	− 2.77	+73 57 24.2	+31.5
36	β Delphini	9	33 5.31	+ 0.17	− 0.30	24 33 52.57	47.793	+ 5.14	+ 25.8	20 33 5.18	.....	+14 16 4.6	....
37	α Cygni	9	38 11.54	+ 0.44	− 0.30	353 53 51.97	47.428	+ 5.14	− 5.9	20 38 11.68	.....	+44 56 45.1	....
38	ε Aquarii	9	42 31.62	0.00	− **0.31**	48 39 54.32	47.725	+ 5.14	+1 4.1	20 42 31.32	.....	− 9 50 33.8	....
39	76 Draconis	9	49 34.20	+ 2.39	− 0.30	316 41 47.72	43.339	+ 5.14	− 52.9	20 49 36.29	.....	+82 11 9.8	....
40	θ Capricorni	9	0 36.11	− 0.06	− **0.32**	56 25 52.50	47.025	+ 5.14	+1 24.9	21 0 35.75	.....	−17 36 36.8	....
41	ν Aquarii	9	4 24.85	− 0.01	− **0.30**	50 35 52.42	44.370	+ 5.14	+1 8.6	21 4 24.54	.....	−11 45 20.8	....
42	τ Cygni	9	10 59.98	+ 0.37	− 0.30	1 11 49.65	47.498	+ 5.14	+ 1.3	21 11 0.05	.....	+37 38 38.7	....
43	ι Capricorni	9	16 57.21	− 0.06	− **0.29**	56 3 51.97	46.398	+ 5.14	+1 23.9	21 16 56.85	.....	−17 14 21.0	....
44	1 H. Draconis s. P.	9	23 28.87	− 1.97	− 0.30	300 37 45.97	44.455	+ 5.14	−1 34.8	9 23 26.60	.....	+81 44 31.7	....
45	74 Cygni	9	33 8.68	+ 0.39	− 0.30	358 51 49.90	45.497	+ 5.14	− 1.1	21 33 8.77	.....	+39 59 26.4	....
46	41 Capricorni	9	36 36.11	− 0.12	− 0.30	62 31 52.37	43.318	+ 5.14	+1 48.4	21 36 35.69	− 2.78	−23 41 35.4	−16.2
47	κ Pegasi	9	40 20.60	+ 0.26	− 0.30	13 37 53.10	46.700	+ 5.14	+ 13.8	21 40 20.56	− 2.74	+25 12 41.0	−30.3
48	14 Pegasi	9	45 38.66	+ 0.30	− 0.30	9 7 53.17	43.190	+ 5.14	+ 9.1	21 45 38.66	− 2.81	+29 44 5.8	−31.1
49	Bradley 2868	9	49 55.76	+ 0.60	− 0.30	343 5 49.95	44.350	+ 5.14	− 17.1	21 49 56.06	− 3.22	+55 46 8.6	−34.3
50	28 Aquarii	9	56 13.33	+ 0.08	− 0.30	38 41 53.27	44.473	+ 5.14	+ 45.4	21 56 13.11	− 2.79	+ 0 9 0.2	−23.8
	October 19, Ei.-M.												
51	α Aquarii	9	0 54.29	+ 0.08	− **0.31**	39 37 55.80	43.833	+ 5.14	+ 46.9	22 0 54.06	.....	− 0 46 49.2	....
52	B. D. −12°6195	9	3 29.18	0.00	− 0.31	50 53 54.37	47.703	+ 5.14	+1 9.7	22 3 28.87	− 2.82	−12 4 39.0	−20.2
53	B. D. −11°5770	9	5 27.74	0.00	− 0.31	50 7 55.12	44.110	+ 5.14	+1 7.8	22 5 27.43	− 2.83	−11 17 15.7	−20.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 4 39	[illegible]	61.0	61.3
5 7	......	....	61.2
5 31	[illegible]	60.8	61.3
5 57	......	....	61.1
6 27	29.82	60.6	60.3
6 48	......	....	59.9
7 4	29.82	59.9	59.8
13 8	29.89	68.8	68.5
19 13 37	[illegible]	69.3	69.2
15 23	29.85	71.8	72.5
20 1	[illegible]	65.4	64 5
20 41	......	....	63.1
20 57	29.83	63.5	62.5
21 21	......	....	61.6
21 54	29.83	61.7	60.4

Micrometer bisections are made at II, VI, except as noted below.

2, 6, 29, 33.	Bisections at VI, VII.
4, 21, 35, 39, 44.	Bisections at b_1, b_2, b_5, b_8, b_9.
7, 12, 15, 34.	Bisections at II, VI, VII.
16.	Bisections at III, V.
27, 30.	Bisections at I, II, VI, VII.
28.	Bisections at I, II.
31.	Bisections at b_2, b_3, b_5, b_7, b_8.
45.	Bisections at I, II, VI.
51.	Bisections at II, VII.

Note.

2, 11, 21, 25. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
27	+ 4.5	.. ....	+0.1	+ 4.6
28	+ 6.7	+16 5.8	...	+16 12.5
29	+ 6.6	−16 5.7	...	−15 59.1
30	+ 5.1	.. ....	0.0	+ 5.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. − 7°5727	9	7 43.18	+ 0.04	− 0.31	45 45 54.40	47.250	+ 5.14	+ 58.3	22 7 42.91	− 2.84	− 6 56 17.3	−21.7
2	B. D. −13°6148	9	11 42.91	− 0.01	− 0.31	52 7 55.17	46.648	+ 5.14	+1 12.9	22 11 42.59	− 2.86	−13 18 18.9	−19.9
3	γ Aquarii	9	16 45.03	+ 0.07	**− 0.29**	40 41 53.10	46.673	+ 5.14	+ 48.8	22 16 44.79	.....	− 1 51 53.3	....
4	π Aquarii	9	20 25.61	+ 0.09	**− 0.32**	37 55 53.72	47.713	+ 5.14	+ 44.3	22 20 25.39	.....	+ 0 53 46.8	....
5	σ Aquarii	9	25 37.33	+ 0.01	**− 0.33**	49 59 54.17	45.673	+ 5.14	+1 7.6	22 25 37.03	.....	−11 9 50.3	....
6	η Aquarii	9	30 28.61	+ 0.09	**− 0.31**	39 27 55.32	42.690	+ 5.14	+ 46.7	22 30 28.39	.....	− 0 36 22.4	....
7	Moon I, S.	9	37 45.75	+ 0.03	− 0.31	47 21 53.90	44.300	+ 5.14	+1 1.7	22 37 45.47	+61.53	− 8 31 12.8	....
	October 21, Br.												
8	Sun I, N.	9	42 24.96	+ 0.03	− 0.56	49 17 58.97	43.855	+ 6.46	+1 5.0	13 42 24.43	+65.76	−10 27 12.9	....
9	Sun II, S.	9	44 36.48	+ 0.03	− 0.56	49 49 55.87	44.495	+ 6.46	+1 6.2	13 44 35.95	−65.76	−10 59 24.4	....
10	Venus I, C.	9	33 6.24	− 0.06	− 0.56	58 35 55.15	44.794	+ 6.17	+1 31.1	15 33 5.62	+ 0.39	−19 45 55.7	....
11	Venus II.	9	33 6.93	− 0.06	− 0.56	... .	......	....	. ....	15 33 6.31	− 0.30	.. ..	....
12	π Cephei	9	4 56.48	+ 1.62	− 0.59	323 59 53.85	44.022	+ 6.00	− 41.3	23 4 57.51	.....	+74 52 35.6	....
13	γ Sculptoris	9	13 42.38	− 0.20	− 0.59	71 51 57.65	44.243	+ 6.00	+2 52.8	23 13 41.59	.....	−33 3 7.1	....
14	υ Pegasi	9	20 38.87	+ 0.32	**− 0.58**	15 57 57.75	45.673	+ 6.00	+ 16.4	23 20 38.60	.....	+22 52 56.4	....
15	39 H. Cephei	8	28 9.72	+ 7.04	− 0.59	312 5 52.87	43.648	+ 6.00	−1 3.0	23 28 16.17	.....	+86 47 6.4	....
16	3 Draconis s. p.	8	37 7.00	− 0.71	− 0.59	286 11 51.65	42.362	+ 6.00	−3 13.6	11 37 5.70	.....	+67 16 11.7	....
17	Groombridge 4163	8	50 16.23	+ 1.54	− 0.59	324 59 53.65	42.953	+ 6.00	− 39.9	23 50 17.18	.....	+73 52 59.0	....
18	ω Piscium	9	54 26.60	+ 0.20	**− 0.59**	32 31 56.75	41.395	+ 6.00	+ 36.5	23 54 26.21	.....	+ 6 20 15.1	....
19	2 Ceti	9	58 53.11	− 0.01	**− 0.61**	56 41 56.42	44.995	+ 6.00	+1 27.0	23 58 52.51	.....	−17 51 57.3	....
20	Moon I, S.	9	11 1.89	+ 0.14	− 0.59	39 47 58.35	44.095	+ 6.00	+ 47.6	0 11 1.44	+61.10	− 0 56 59.3	....
21	12 Ceti	9	25 12.14	+ 0.11	**− 0.60**	43 19 58.57	43.795	+ 6.00	+ 53.9	0 25 11.66	.....	− 4 28 59.2	....
22	κ Draconis s. p.	9	29 21.74	− 0.85	− 0.59	289 13 51.80	42.385	+ 6.00	−2 41.8	12 29 20.30	.....	+70 18 44.2	....
23	ο Cassiopeiæ	9	39 27.08	+ 0.63	− 0.59	351 5 56.70	44.358	+ 6.00	− 8.9	0 39 27.12	.....	+47 45 52.8	....
24	147 B. Piscium	5	43 24.70	+ 0.19	− 0.59	34 3 58.35	43.235	+ 6.00	+ 38.7	0 43 24.30	.....	+ 4 47 29.5	....
25	20 Ceti	9	48 9.89	+ 0.14	**− 0.63**	40 29 57.57	45.800	+ 6.00	+ 48.9	0 48 9.44	.....	− 1 39 38.8	....
26	43 H. Cephei	8	55 55.95	+ 5.38	− 0.59	313 7 53.22	44.307	+ 6.00	−1 0.8	0 56 0.74	.....	+85 44 49.0	....
27	ζ¹ Piscium	9	8 46.78	+ 0.21	**− 0.57**	31 45 57.97	46.408	+ 6.00	+ 35.4	1 8 46.40	.....	+ 7 4 20.4	....
28	υ Piscium	9	14 15.49	+ 0.38	**− 0.63**	12 5 58.17	43.453	+ 6.00	+ 12.3	1 14 15.27	.....	+26 45 50.8	....
29	ψ Cassiopeiæ	9	19 15.68	+ 1.15	− 0.60	331 13 53.00	45.148	+ 6.00	− 31.2	1 19 16.23	− 7.54	+67 38 0.7	−16.2
30	48 Ceti	9	25 3.73	− 0.04	− 0.60	60 55 58.20	47.890	+ 6.00	+1 42.6	1 25 3.09	− 3.15	−22 7 20.8	−15.4
31	Jupiter I, C.	5	33 53.52	+ 0.22	− 0.60	30 43 57.60	40.821	+ 6.00	+ 34.0	1 33 53.14	+ 1.70	+ 8 6 46.9	....
32	Jupiter II.	5	33 56.92	+ 0.22	− 0.60	... .	......	....	. ....	1 33 56.54	− 1.70	.. ..	....
33	ο Piscium	9	40 23.37	+ 0.23	**− 0.62**	30 9 58.42	45.500	+ 6.00	+ 33.2	1 40 23.00	.....	+ 8 40 42.9	....
	October 21, Y.												
34	σ Orionis	9	33 58.87	+ 0.18	− 0.50	41 29 58.32	44.810	+ 6.34	+ 50.8	5 33 58.55	− 2.87	− 2 39 19.2	− 0.8
35	κ Orionis	9	43 15.27	+ 0.12	**− 0.43**	48 32 0.17	46.498	+ 6.34	+1 5.1	5 43 14.89	.....	− 9 42 13.9	....
36	δ Leporis	8	47 14.69	+ 0.02	− 0.50	59 41 58.82	47.623	+ 6.34	+1 38.4	5 47 14.21	− 2.54	−20 53 11.5	− 4.5
37	139 Tauri	9	52 5.71	+ 0.42	− 0.50	12 53 57.10	47.338	+ 6.34	+ 13.3	5 52 5.63	− 3.38	+25 56 21.7	+ 8.8
38	1 Geminorum	9	58 20.47	+ 0.40	**− 0.49**	15 33 58.27	48.213	+ 6.34	+ 16.1	5 58 20.37	.....	+23 15 57.8	....
39	36 Camelopardalis	9	3 16.81	+ 1.13	− 0.50	333 7 53.77	45.268	+ 6.34	− 29.1	6 3 17.44	− 5.75	+65 43 54.7	+21.1
40	η Geminorum	9	9 8.33	+ 0.39	**− 0.51**	16 17 59.12	48.278	+ 6.34	+ 16.9	6 9 8.22	.....	+22 31 54.6	....
41	μ Geminorum	9	17 12.46	+ 0.39	**− 0.50**	16 17 59.00	43.885	+ 6.34	+ 16.9	6 17 12.35	.....	+22 33 35.1	....
42	6 Lyncis	9	22 31.24	+ 0.89	− 0.50	340 37 56.12	45.500	+ 6.34	− 20.2	6 22 31.63	− 4.58	+58 13 38.2	+21.0
43	ξ² Canis Majoris	9	31 4.82	− 0.01	− 0.50	61 41 58.87	47.515	+ 6.34	+1 46.8	6 31 4.31	.....	−22 53 17.5	....
44	ξ Geminorum	9	39 57.11	+ 0.30	**− 0.48**	25 49 58.67	48.103	+ 6.34	+ 28.0	6 39 56.91	.....	+12 59 48.0	....
45	ψ⁷ Aurigæ	9	44 2.14	+ 0.60	− 0.50	356 57 58.40	45.438	+ 6.34	− 3.0	6 44 2.24	− 3.45	+41 53 20.1	+17.9
46	ε Geminorum	9	49 16.71	+ 0.30	− 0.50	25 31 57.57	48.105	+ 6.34	+ 27.6	6 49 16.51	− 2.75	+13 17 49.4	+ 8.7
47	105 G. Canis Majoris	.	.. ..	....	....	64 5 59.55	46.240	+ 6.34	+1 58.2	6 55	.....	−25 17 0.6	− 2.6
	October 22, Ei.-M.												
48	θ Pegasi	9	5 24.66	+ 0.24	**− 0.60**	33 5 54.55	47.465	+ 8.43	+ 37.8	22 5 24.37	.....	+ 5 43 54.8	....
49	B. D. −13°6130	9	7 55.19	+ 0.08	− 0.53	52 19 54.97	44.725	+ 8.43	+1 15.0	22 7 54.74	− 2.80	−13 29 40.1	−19.5
50	θ Aquarii	9	11 49.45	+ 0.12	**− 0.62**	47 5 54.40	44.505	+ 8.43	+1 2.3	22 11 49.04	.....	− 8 15 21.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 22 14	....	....	59.7
22 41	29.83	60.0	58.9
21 13 45	29.40	59.8	59.7
15 33	29.43	62.1	62.0
23 5	29.52	53.5	52.0
23 38	....	....	50.1
0 13	29.50	52.0	50.3
1 0	....	....	50.3
1 40	29.49	52.2	51.0
5 30	29.525	49.8	48.5
5 50	....	....	47.5
6 13	29.52	48.6	47.0
6 26	....	....	46.8
6 48	....	....	46.5
6 54	29 495	48.0	46.9
22 22 4	29.68	49.0	47.2
22 15	....	....	47.0

Micrometer bisections are made at II, VI, except as noted below.

7, 20. Bisections at II, III, IV, V, VI.
8, 21. Bisections at I, II.
9, 24. Bisections at VI, VII.
10, 31. Bisections at I, II, VI, VII.
12, 15, 16, 26. Bisections at III, IV, V.
17. Bisections at b_4, b_6.
22, 23, 29, 39, 42. Bisections at III, V.
31. Z. D. threads A used.
47. Bisection at II.

Notes.

1–6. Somewhat unsteady.
12–33. Diffuse and unsteady at times.
47. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
7	+39 39.8	+14 45.8	...	+54 25.6
8	+ 6.7	−16 5.8	...	−15 59.1
9	+ 6.7	+16 5.7	...	+16 12.4
10	+ 5.2	.. ....	0.0	+ 5.2
20	+34 34.0	+14 47.8	...	+49 21.8
31	+ 1.1	.. ....	...	+ 1.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Pegasi	9	0 2.08	+ 0.31	− **0.53**	24 9 54.90	43.188	+ 8.47	+ 26.1	23 0 1.85	.....	+14 41 43.9	....
2	φ Aquarii	9	9 24.54	+ 0.14	− **0.57**	45 23 55.32	45.423	+ 8.51	+ 58.9	23 9 24.14	.....	− 6 33 40.4	....
3	B. D.+ 0°4982	9	10 47.89	+ 0.20	− 0.54	38 3 54.95	42.915	+ 8.51	+ 45.5	23 10 47.55	− 3.08	+ 0 47 30.7	−22.8
4	B. D.− 9°6160	9	12 58.38	+ 0.11	− 0.54	48 31 56.25	46.190	+ 8.52	+1 5.7	23 12 57.95	− 3.03	− 9 42 5.7	−20.3
5	B. D.−11°6053	9	15 56.56	+ 0.10	− 0.54	49 53 55.32	43.668	+ 8.53	+1 9.0	23 15 56.12	− 3.04	−11 3 10.4	−19.9
6	B. D.+ 2°4660	9	18 2.50	+ 0.21	− 0.54	36 31 53.90	47.343	+ 8.54	+ 43.1	23 18 2.17	− 3.12	+ 2 17 52.9	−23.0
7	B. D.+ 2°4663 (*fol.*)	9	19 26.21	+ 0.22	− 0.54	35 37 54.60	47.855	+ 8.54	+ 41.7	23 19 25.89	− 3.13	+ 3 11 41.9	−23.1
8	B. D.+ 0°4999	9	22 23.18	+ 0.20	− 0.54	38 13 54.55	46.720	+ 8.55	+ 45.8	23 22 22.84	− 3.12	+ 0 36 3.7	−22.5
9	B. D.+ 0°5009	9	25 49.18	+ 0.19	− 0.54	38 29 54.67	43.590	+ 8.56	+ 46.2	23 25 48.83	− 3.14	+ 0 21 14.7	−22.3
10	B. D.−11°6098	9	27 30.96	+ 0.10	− 0.54	50 21 53.70	44.310	+ 8.57	+1 10.1	23 27 30.52	− 3.07	−11 31 24.6	−19.6
11	B. D.−11°6110	9	30 33.16	+ 0.10	− 0.54	49 53 54.97	48.050	+ 8.58	+1 9.0	23 30 32.72	− 3.08	−11 4 50.3	−19.7
12	B. D.− 4°5917	9	33 18.08	+ 0.16	− 0.54	43 7 55.15	44.170	+ 8.59	+ 54.4	23 33 17.70	− 3.13	− 4 17 7.2	−21.1
13	B. D.− 8°6166	9	35 54.99	+ 0.12	− 0.54	47 15 55.05	47.175	+ 8.60	+1 2.9	23 35 54.57	− 3.11	− 8 26 24.4	−20.2
14	λ Piscium	9	37 12.45	+ 0.20	− 0.54	37 33 55.12	48.383	+ 8.61	+ 44.7	23 37 12.11	− 3.18	+ 1 15 26.2	−22.2
15	B. D.− 5°6041	9	39 42.38	+ 0.15	− 0.54	44 21 54.80	46.628	+ 8.62	+ 56.8	23 39 41.99	− 3.14	− 5 32 5.5	−20.7
16	B. D.+ 3°4895	9	42 53.97	+ 0.22	− 0.54	35 7 55.47	46.668	+ 8.63	+ 40.9	23 42 53.65	− 3.22	+ 3 42 8.8	−22.4
17	B. D.+ 0°5054	9	44 36.08	+ 0.20	− 0.54	38 17 54.72	44.433	+ 8.63	+ 45.9	23 44 35.74	− 3.20	+ 0 32 55.7	−21.8
18	B. D.+ 2°4725	9	47 6.52	+ 0.21	− 0.54	36 25 53.65	46.650	+ 8.64	+ 42.9	23 47 6.19	− 3.23	+ 2 24 9.0	−22.0
19	B. D.− 0°4585	9	49 55.42	+ 0.19	− 0.54	39 15 55.47	44.503	+ 8.65	+ 47.5	23 49 55.07	− 3.21	− 0 25 8.3	−21.4
20	ω Piscium	9	54 26.52	+ 0.24	− **0.56**	32 29 54.77	46.583	+ 8.67	+ 37.0	23 54 26.22	.....	+ 6 20 15.3	....
21	B. D.− 5°6097	9	56 8.10	+ 0.15	− 0.54	44 17 56.57	44.868	+ 8.67	+ 56.7	23 56 7.71	− 3.18	− 5 27 27.0	−20.2
22	B. D.+ 3°4926	9	58 48.76	+ 0.22	− 0.54	35 27 54.95	45.190	+ 8.68	+ 41.4	23 58 48.44	− 3.28	+ 3 22 42.3	−21.7
23	33 Piscium	9	0 28.92	+ 0.14	− **0.53**	45 3 55.82	47.240	+ 8.69	+ 58.3	0 0 28.52	.....	− 6 14 22.0	....
24	B. D.+ 4°5089	9	2 10.82	+ 0.23	− 0.54	34 5 55.45	43.000	+ 8.70	+ 39.3	0 2 10.51	− 3.30	+ 4 45 34.2	−21.8
25	B. D.+ 4°8	9	5 3.18	+ 0.23	− 0.54	34 31 55.25	46.548	+ 8.71	+ 40.0	0 5 2.87	− 3.31	+ 4 18 12.6	−21.6
26	B. D.− 4°12	9	9 9.96	+ 0.16	− 0.54	43 15 55.37	47.055	+ 8.72	+ 54.7	0 9 9.58	− 3.22	− 4 26 13.8	−20.0
27	B. D.+ 1°28	9	11 47.78	+ 0.20	− 0.54	37 31 54.30	43.430	+ 8.73	+ 44.6	0 11 47.44	− 3.29	+ 1 19 20.2	−20.9
28	B. D.− 4°64	9	32 6.63	+ 0.16	− 0.54	42 45 55.07	45.003	+ 8.80	+ 53.8	0 32 6.25	− 3.28	− 3 55 25.8	−19.2
29	B. D.+10°70	9	34 44.30	+ 0.28	− 0.54	27 49 54.72	45.885	+ 8.81	+ 30.8	0 34 44.04	− 3.49	+11 0 37.4	−20.9
30	B. D.+ 1°124	9	38 25.29	+ 0.20	− 0.54	37 17 54.22	47.063	+ 8.83	+ 44.4	0 38 24.95	− 3.36	+ 1 31 57.3	−19.7
31	B. D.+ 8°110	9	43 15.64	+ 0.26	− 0.54	30 7 54.72	46.920	+ 8.84	+ 33.8	0 43 15.36	− 3.48	+ 8 42 10.7	−20.2
32	B. D.+11°102	9	45 15.07	+ 0.28	− 0.54	27 31 54.05	45.435	+ 8.85	+ 30.4	0 45 14.81	− 3.53	+11 18 48.7	−20.3
33	B. D.+ 9°99 (*mean*)	9	47 10.99	+ 0.27	− 0.54	28 45 54.42	44.632	+ 8.86	+ 32.0	0 47 10.72	− 3.51	+10 5 5.1	−20.1
34	B. D.+12°108	9	50 2.88	+ 0.29	− 0.54	26 29 55.27	47.743	+ 8.87	+ 29.1	0 50 2.63	− 3.56	+12 19 56.0	−20.1
35	B. D.+ 0°149	9	52 47.46	+ 0.20	− 0.54	37 33 55.42	46.203	+ 8.88	+ 44.8	0 52 47.12	− 3.38	+ 1 16 15.4	−18.9
36	B. D.+ 5°131	9	54 54.82	+ 0.24	− 0.54	32 51 54.42	46.620	+ 8.89	+ 37.7	0 54 54.52	− 3.46	+ 5 58 13.9	−19.2
37	Moon I, S	9	57 55.10	+ 0.22	− 0.54	35 51 54.67	46.528	+ 8.90	+ 42.2	0 57 54.78	+61.52	+ 2 58 11.3	....
38	ζ¹ Piscium	9	8 46.73	+ 0.25	− **0.56**	31 45 54.62	46.370	+ 8.94	+ 36.2	1 8 46.44	.....	+ 7 4 20.9	....
39	Jupiter I, C	5	33 23.14	+ 0.26	− 0.55	30 45 54.27	43.083	+ 9.11	+ 34.8	1 33 22.85	+ 1.63	+ 8 3 54.6	....
40	Jupiter II	5	33 26.39	+ 0.26	− 0.55	.. ..	......	....	. ....	1 33 26.10	− 1.62	.. ..	....
41	α Arietis	9	1 49.70	+ 0.38	− **0.53**	15 49 56.32	46.193	+ 9.11	+ 16.6	2 1 49.53	.....	+23 0 42.6	....
42	ξ¹ Ceti	9	7 58.49	+ 0.26	− **0.52**	30 25 54.95	47.328	+ 9.11	+ 34.4	2 7 58.20	.....	+ 8 24 0.3	....
43	B. D.+15°322	9	10 45.26	+ 0.31	− 0.55	23 27 53.65	46.078	+ 9.11	+ 25.4	2 10 45.02	− 3.75	+15 22 39.1	−13.8
44	B. D.+17°339	9	12 30.68	+ 0.33	− 0.55	20 49 54.45	45.775	+ 9.11	+ 22.3	2 12 30.46	− 3.82	+18 0 48.3	−13.6
45	B. D.+ 9°306	9	15 49.03	+ 0.27	− 0.55	29 15 55.22	46.883	+ 9.11	+ 32.8	2 15 48.75	− 3.62	+ 9 34 11.8	−13.6
46	B. D.+20°388	9	18 27.90	+ 0.36	− 0.55	17 51 54.00	45.798	+ 9.11	+ 18.9	2 18 27.71	− 3.91	+20 58 51.6	−12.9
47	B. D.+12°332	9	21 18.86	+ 0.29	− 0.55	26 21 54.57	47.135	+ 9.11	+ 29.0	2 21 18.60	− 3.68	+12 28 10.5	−13.1
48	B. D.+14°408	9	23 43.04	+ 0.31	− 0.55	23 39 54.12	46.478	+ 9.11	+ 25.7	2 23 42.80	− 3.75	+15 10 29.2	−12.7
49	B. D.+12°346	9	27 3.11	+ 0.29	− 0.55	26 35 55.17	42.533	+ 9.11	+ 29.3	2 27 2.85	− 3.68	+12 15 54.7	−12.6
50	B. D.+13°411	9	30 50.91	+ 0.30	− 0.55	25 29 53.80	46.780	+ 9.11	+ 27.9	2 30 50.66	− 3.70	+13 20 20.4	−12.2
51	B. D.+22°375	9	32 24.21	+ 0.37	− 0.55	16 7 56.20	45.645	+ 9.11	+ 17.0	2 32 24.03	− 3.96	+22 42 54.8	−11.4
52	B. D.+15°367	9	35 26.37	+ 0.31	− 0.55	23 33 54.10	46.085	+ 9.11	+ 25.5	2 35 26.13	− 3.75	+15 16 38.4	−11.7
53	B. D.+11°377	9	39 47.57	+ 0.28	− 0.55	26 47 55.25	45.743	+ 9.11	+ 29.6	2 39 47.30	− 3.67	+12 2 41.0	−11.5
54	B. D.+18°347 (*fol.*)	9	42 6.29	+ 0.34	− 0.55	19 51 54.35	46.400	+ 9.11	+ 21.2	2 42 6.08	− 3.85	+18 58 35.3	−10.8
55	B. D.+21°380	9	45 8.46	+ 0.36	− 0.55	17 7 55.90	44.980	+ 9.11	+ 18.1	2 45 8.27	− 3.93	+21 43 9.2	−10.2
56	B. D.+10°388	9	49 12.49	+ 0.28	− 0.55	27 55 55.07	44.180	+ 9.11	+ 31.0	2 49 12.22	− 3.64	+10 55 15.5	−10.8
57	B. D.+17°458	9	51 4.90	+ 0.33	− 0.55	21 11 53.47	46.373	+ 9.11	+ 22.7	2 51 4.68	− 3.81	+17 38 35.2	−10.0
58	ε Arietis (*mean*)	9	53 47.27	+ 0.36	− **0.49**	17 53 54.42	44.048	+ 9.11	+ 18.9	2 53 47.08	.....	+20 57 31.2	....
59	B. D.+16°380	6	57 34.12	+ 0.32	− 0.55	21 39 55.07	44.070	+ 9.11	+ 23.2	2 57 33.89	− 3.79	+17 11 25.8	− 9.5
60	B. D.+12°436	8	1 11.35	+ 0.29	− 0.55	26 1 54.70	44.550	+ 9.11	+ 28.6	3 1 11.09	− 3.67	+12 49 9.8	− 9.6
61	B. D.+13°519	9	5 31.30	+ 0.30	− 0.55	24 51 54.27	45.290	+ 9.11	+ 27.1	3 5 31.05	− 3.70	+13 58 54.8	− 9.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 22 58	29.68	47.3	46.3
23 22	......	....	45.3
23 40	29.685	46.5	45.8
0 4	......	....	45.8
0 27	29.685	46.0	45.3
1 10	29.69	44.8	43.9
1 32	......	....	43.9
1 59	29.695	44.0	43.2
2 18	......	....	43.3
2 36	29.695	43.4	43.0
2 59	......	....	43.4

Micrometer bisections are made at II, VI, except as noted below.

1, 3, 27, 42, 50. Bisections at II, VII.
13. Bisections at I, II, VI.
22. Bisections at I, II.
33. Bisections at II, VI, VII.
37. Bisections at II, III, IV, V, VI.
39. Z. D. threads A used.
39. Bisections at I, II, VI, VII.

Notes.

1–61. Images at times poor.
33. Ill-defined nebulosity.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
37	+31 46.1	+14 51.5	...	+46 37.6
39	+ 1.1	.. ....	...	+ 1.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+15°450	9	8 50.94	+ 0.31	− 0.55	23 37 54.05	42.383	+ 9.11	+ 25.6	3 8 50.70	− 3.72	+15 14 3.0	− 8.6
2	B. D.+14°550	9	13 10.04	+ 0.31	− 0.55	23 59 54.65	47.340	+ 9.11	+ 26.0	3 13 9.80	− 3.71	+14 50 8.7	− 8.3
3	τ¹ Arietis	9	15 45.07	+ 0.36	− **0.56**	18 1 53.65	47.613	+ 9.11	+ 19.1	3 15 44.88	.....	+20 48 10.3	....
4	B. D.+21°447	9	19 3.67	+ 0.36	− 0.55	17 9 54.85	42.545	+ 9.11	+ 18.1	3 19 3.48	− 3.89	+21 42 5.9	− 6.8
5	B. D.+20°573	9	23 19.72	+ 0.35	− 0.55	18 33 55.27	43.820	+ 9.11	+ 19.6	3 23 19.52	− 3.84	+20 17 34.9	− 6.6
6	B. D.+21°474	9	25 57.01	+ 0.36	− 0.55	17 21 55.15	43.325	+ 9.11	+ 18.3	3 25 56.82	− 3.88	+21 29 47.6	− 6.2
7	B. D.+18°507	9	29 52.48	+ 0.35	− 0.55	20 15 54.45	45.068	+ 9.11	+ 21.6	3 29 52.28	− 3.78	+18 35 5.2	− 6.2
8	B. D.+13°579	8	34 0.42	+ 0.30	− 0.55	25 15 55.12	45.128	+ 9.11	+ 27.6	3 34 0.17	− 3.64	+13 34 57.2	− 6.6
9	B. D.+19°582	9	38 17.99	+ 0.34	− 0.55	19 29 54.22	43.328	+ 9.11	+ 20.7	3 38 17.78	− 3.79	+19 21 46.1	− 5.3
10	B. D.+23°516	9	40 10.86	+ 0.39	− 0.55	14 47 55.07	42.583	+ 9.11	+ 15.5	3 40 10.70	− 3.93	+24 4 7.4	− 4.3
11	η Tauri	9	41 50.62	+ 0.38	− **0.50**	15 1 55.37	46.660	+ 9.11	+ 15.7	3 41 50.45	.....	+23 48 33.8	....
12	B. D.+23°558	9	43 32.48	+ 0.38	− 0.55	14 59 55.12	46.490	+ 9.11	+ 15.7	3 43 32.31	− 3.91	+23 50 37.9	− 4.0
13	B. D.+18°550	9	46 56.12	+ 0.33	− 0.55	20 31 54.17	46.098	+ 9.11	+ 21.9	3 46 55.90	− 3.74	+18 18 41.6	− 4.6
14	B. D.+22°605	9	51 15.68	+ 0.37	− 0.55	16 39 55.37	42.508	+ 9.11	+ 17.5	3 51 15.50	− 3.84	+22 12 6.8	− 3.5
15	λ Tauri	9	55 25.44	+ 0.29	− **0.52**	26 37 55.77	44.383	+ 9.11	+ 29.3	3 55 25.18	.....	+12 13 11.8	....
16	ν Tauri	9	58 6.64	+ 0.24	− **0.53**	33 5 55.15	48.578	+ 9.11	+ 38.1	3 58 6.33	.....	+ 5 43 27.8	....
	October 23, Br.												
17	υ Pegasi	9	20 38.92	+ 0.41	− **0.74**	15 57 57.02	45.570	+ 9.15	+ 16.9	23 20 38.60	.....	+22 52 55.8	....
18	39 H. Cephei	9	28 9.94	+ 6.50	− 0.73	312 5 50.85	43.648	+ 9.15	−1 5.0	23 28 15.71	.....	+86 47 7.3	....
19	3 Draconis s. P.	9	37 7.40	− 0.53	− 0.73	286 11 49.90	42.598	+ 9.15	−3 19.7	11 37 6.14	.....	+67 16 12.4	....
20	41 H. Cephei	9	43 24.60	+ 1.12	− 0.73	331 33 51.35	48.163	+ 9.15	− 31.8	23 43 24.99	.....	+67 16 50.9	....
21	Groombridge 4163	9	50 16.04	+ 1.50	− 0.73	324 59 51.50	42.950	+ 9.15	− 41.2	23 50 16.81	.....	+73 52 59.3	....
22	ω Piscium	9	54 26.66	+ 0.28	− **0.74**	32 31 54.72	41.293	+ 9.15	+ 37.7	23 54 26.21	.....	+ 6 20 14.8	....
23	2 Ceti	9	58 53.17	+ 0.09	− **0.78**	56 41 54.95	44.823	+ 9.15	+1 29.9	23 58 52.53	.....	−17 51 58.0	....
24	6 B. Ursæ Minoris s. P.	9	13 43.11	−10.89	− 0.73	307 7 49.90	40.855	+ 9.15	−1 17.8	12 13 31.49	.....	+88 13 33.9	....
25	12 Ceti	9	25 12.20	+ 0.19	− **0.74**	43 19 56.40	43.705	+ 9.15	+ 55.8	0 25 11.66	.....	− 4 28 59.8	....
26	δ Andromedæ	9	34 15.70	+ 0.47	− 0.73	8 29 54.95	47.233	+ 9.15	+ 8.9	0 34 15.44	.....	+30 20 27.8	....
27	ο Cassiopeiæ	9	39 27.10	+ 0.67	− 0.73	351 5 54.65	44.318	+ 9.15	− 9.2	0 39 27.04	.....	+47 45 52.9	....
28	20 Ceti	9	48 9.96	+ 0.22	− **0.78**	40 29 55.22	45.685	+ 9.15	+ 50.6	0 48 9.44	.....	− 1 39 38.7	....
29	ζ¹ Piscium	9	8 46.87	+ 0.29	− **0.74**	31 45 55.02	46.323	+ 9.15	+ 36.8	1 8 46.42	.....	+ 7 4 20.7	....
30	Jupiter I, C.	5	32 52.92	+ 0.29	− 0.74	30 49 55.45	39.959	+ 9.55	+ 35.5	1 32 52.47	+ 1.69	+ 8 1 3.7	....
31	Jupiter II	5	32 56,29	+ 0.29	− 0.74	... .	......	....	. ....	1 32 55.84	− 1.68	.. ..	....
32	Moon I, S.	9	45 45.40	+ 0.30	− 0.74	32 3 56.80	45.660	+ 9.55	+ 37.3	1 45 44.96	+62.29	+ 6 46 33.2	....
33	Moon II	9	47 49.95	+ 0.30	− 0.74	... .	......	....	. ....	1 47 49.51	−62.26	.. ..	....
	October 23, M.												
34	6 Persei	9	7 18.24	+ 0.72	− 0.64	348 13 53.70	45.858	+ 9.55	− 12.3	2 7 18.32	− 5.38	+50 37 21.2	−12.0
35	67 Ceti	8	12 15.44	+ 0.19	− **0.62**	45 41 56.85	45.213	+ 9.55	+1 0.9	2 12 14.99	.....	− 6 51 40.2	....
36	ρ Ceti	9	21 22.51	+ 0.14	− 0.64	51 33 57.07	43.378	+ 9.55	+1 14.8	2 21 22.01	− 3.24	−12 43 12.4	−13.5
37	σ Ceti	9	27 35.96	+ 0.11	− 0.64	54 29 56.97	44.535	+ 9.55	+1 23.2	2 27 35.43	.....	−15 39 47.1	....
38	142 H¹. Cephei	9	34 9.16	+ 2.51	− 0.64	317 49 52.57	44.508	+ 9.55	− 53.6	2 34 11.03	−16.93	+81 2 34.5	− 4.7
39	35 Arietis	8	37 53.27	+ 0.45	− 0.64	11 31 55.80	48.098	+ 9.55	+ 12.2	2 37 53.08	− 4.13	+27 18 3.5	−10.5
40	η Persei	9	43 47.01	+ 0.80	− 0.64	343 21 52.55	44.635	+ 9.55	− 17.7	2 43 47.17	− 5.93	+55 29 55.6	− 6.6
41	σ Arietis	9	46 15.50	+ 0.35	− **0.65**	24 9 55.20	44.118	+ 9.55	+ 26.7	2 46 15.21	.....	+14 41 20.6	....
42	η Eridani	9	51 47.94	+ 0.17	− **0.59**	48 5 57.95	47.550	+ 9.55	+1 6.3	2 51 47.47	.....	− 9 16 40.1	....
43	ι Persei	9	2 13.32	+ 0.70	− 0.64	349 35 53.70	47.055	+ 9.55	− 10.8	3 2 13.38	− 5.32	+49 14 52.4	− 4.9
44	94 Ceti	9	7 56.23	+ 0.23	− 0.64	40 24	......	....	. ....	3 7 55.82	− 3.37	− 1 33	....
45	ζ Eridani	9	11 13.92	+ 0.17	− 0.64	48 0	......	....	. ....	3 11 13.45	− 3.24	− 9 10	....
46	τ¹ Arietis	9	15 45.11	+ 0.39	− **0.62**	18 2	......	....	. ....	3 15 44.86	.....	+20 48	....
47	ξ Tauri	9	22 1.81	+ 0.31	− **0.60**	29 26	......	....	. ....	3 22 1.48	.....	+ 9 24	....
	October 24, M.												
48	Sun I, N.	9	53 48.33	+ 0.22	− 0.69	50 19 57.17	47.200	+ 7.96	+1 10.4	13 53 47.86	+66.12	−11 30 34.4	....
49	Sun II, S.	9	56 0.56	+ 0.22	− 0.69	50 51 56.20	47.840	+ 7.96	+1 11.8	13 56 0.09	−66.11	−12 2 48.3	....
	October 24, Ei.-Y.												
50	B. D.− 2°19	9	7 48.67	+ 0.26	− 0.74	40 35 58.27	44.875	+ 7.82	+ 50.7	0 7 48.19	− 3.24	− 1 45 22.0	−20.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 3 20	29.70	43.6	44.0
3 34	....	....	44.0
4 0	29.70	44.1	43.5
23 23 16	29.93	43.9	42.5
23 40	....	....	41.9
0 1	29.93	42.3	41.1
0 51	29.94	41.7	40.0
1 9	....	....	39.5
1 47	29.945	40.3	39.0
2 20	....	....	39.1
2 55	....	....	38.9
3 5	29.96	40.0	38.7
3 18	....	....	38.4
24 13 56	30.10	50.2	49.7
0 5	30.10	45.4	44.0

Micrometer bisections are made at II, VI, except as noted below.

16. Bisections at II, VII.
18, 38. Bisections at III, IV, V.
19, 20. Bisections at III, V.
21. Bisections at b_2, b_8.
22, 48. Bisections at I, II.
24. Bisections at b_1, b_3, b_5, b_7, b_9.
27, 49. Bisections at VI, VII.
30. Z. D. threads A used.
30. Bisections at I, II, VI, VII.
32. Bisections at II, III, IV, V, VI.

Notes.

19. Faint.
34–47. Conditions poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
30	+ 1.1	.. ....	...	+ 1.1
32	+28 55.9	+14 56.5	...	+43 52.4
48	+ 6.8	−16 7.0	...	−16 0.2
49	+ 6.8	+16 6.9	...	+16 13.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 8°24 (*pr.*)	9	12 31.34	+ 0.33	− 0.74	30 29 56.80	45.350	+ 7.82	+ 34.9	0 12 30.93	− 3.38	+ 8 20 44.4	−21.8
2	ι Ceti	9	14 35.99	+ 0.20	− **0.76**	48 11 58.85	43.443	+ 7.82	+1 6.1	0 14 35.45	.....	− 9 21 5.2	....
3	44 Piscium	9	20 32.70	+ 0.28	− **0.78**	37 25 57.57	44.725	+ 7.82	+ 45.3	0 20 32.24	.....	+ 1 24 47.6	....
4	B. D.+ 2°54	9	22 28.47	+ 0.29	− 0.74	36 33 57.15	43.510	+ 7.82	+ 43.9	0 22 28.02	− 3.33	+ 2 17 17.1	−20.4
5	B. D.+ 8°64	9	26 43.69	+ 0.33	− 0.74	30 11 57.40	46.775	+ 7.82	+ 34.5	0 26 43.28	− 3.43	+ 8 38 11.7	−21.1
6	B. D.− 5°83 (*mean*)	9	29 39.48	+ 0.23	− 0.74	43 53 57.55	47.025	+ 7.82	+ 57.0	0 29 38.97	− 3.26	− 5 4 16.7	−19.0
7	B. D.+10°65	9	32 22.59	+ 0.35	− 0.74	27 55 57.00	45.293	+ 7.82	+ 31.4	0 32 22.20	− 3.48	+10 54 49.0	−21.1
8	B. D.− 2°87	9	35 42.17	+ 0.25	− 0.74	41 7 56.37	45.245	+ 7.82	+ 51.7	0 35 41.68	− 3.30	− 2 17 29.5	−19.2
9	B. D.+ 5°96	9	38 37.64	+ 0.31	− 0.74	33 11 56.65	47.040	+ 7.82	+ 38.8	0 38 37.21	− 3.42	+ 5 38 2.0	−20.1
10	B. D.+ 1°142	9	43 21.19	+ 0.29	− 0.74	36 37 57.42	45.185	+ 7.82	+ 44.1	0 43 20.74	− 3.38	+ 2 12 38.4	−19.4
11	B. D.+ 2°118	9	46 25.53	+ 0.29	− 0.74	35 57 57.75	46.475	+ 7.82	+ 43.0	0 46 25.08	− 3.40	+ 2 52 9.7	−19.3
12	B. D.+ 7°124	9	47 37.12	+ 0.33	− 0.74	30 41 56.92	44.788	+ 7.82	+ 35.2	0 47 36.71	− 3.48	+ 8 8 56.8	−19.8
13	B. D.+11°118	9	51 31.42	+ 0.36	− 0.74	26 37 57.95	47.683	+ 7.82	+ 29.8	0 51 31.04	− 3.56	+12 11 55.0	−20.0
14	B. D.+ 6°131	9	53 2.97	+ 0.32	− 0.74	31 43 56.62	47.638	+ 7.82	+ 36.7	0 53 2.55	− 3.48	+ 7 5 50.5	−19.4
15	B. D.− 2°140	9	55 50.25	+ 0.25	− 0.74	40 59 56.42	47.228	+ 7.82	+ 51.5	0 55 49.76	− 3.34	− 2 10 14.7	−18.2
16	ε Piscium	9	58 1.51	+ 0.32	− **0.73**	31 27 56.72	45.425	+ 7.82	+ 36.3	0 58 1.09	.....	+ 7 22 41.4	....
17	72 Piscium	9	0 5.25	+ 0.37	− 0.74	24 23 56.52	47.400	+ 7.82	+ 26.9	1 0 4.88	− 3.63	+14 26 5.8	−19.6
18	B. D.+13°165	9	1 36.59	+ 0.36	− 0.74	25 27 55.67	46.050	+ 7.82	+ 28.2	1 1 36.21	− 3.61	+13 22 36.3	−19.4
19	B. D.+14°175	9	5 9.99	+ 0.38	− 0.74	23 39 56.80	47.455	+ 7.82	+ 26.0	1 5 9.63	− 3.66	+15 10 5.2	−19.2
20	B. D.+13°176	8	6 45.48	+ 0.36	− 0.74	25 27 56.52	46.860	+ 7.82	+ 28.3	1 6 45.10	− 3.62	+13 22 16.8	−19.0
21	B. D.+15°177	9	9 5.70	+ 0.38	− 0.74	23 11 55.80	48.185	+ 7.82	+ 25.4	1 9 5.34	− 3.68	+15 37 50.1	−19.0
22	B. D.+13°192	9	12 31.64	+ 0.37	− 0.74	25 5 55.80	46.285	+ 7.82	+ 27.8	1 12 31.27	− 3.65	+13 44 31.1	−18.6
23	B. D.+11°172	9	16 57.49	+ 0.36	− 0.74	26 43 56.17	46.588	+ 7.82	+ 29.9	1 16 57.11	− 3.62	+12 6 21.4	−18.2
24	B. D.+ 8°218	9	18 8.58	+ 0.33	− 0.74	30 9 56.67	43.438	+ 7.82	+ 34.4	1 18 8.17	− 3.56	+ 8 41 28.7	−17.9
25	B. D.+10°185	9	22 1.19	+ 0.35	− 0.74	27 57 58.10	46.253	+ 7.82	+ 31.5	1 22 0.80	− 3.61	+10 52 25.9	−17.7
26	B. D.+13°222	9	24 50.67	+ 0.37	− 0.74	25 7 56.62	44.740	+ 7.82	+ 27.8	1 24 50.30	− 3.67	+13 43 5.6	−17.7
27	B. D.+ 4°266	9	27 57.70	+ 0.30	− 0.74	34 33 57.00	44.080	+ 7.82	+ 40.8	1 27 57.26	− 3.49	+ 4 17 7.4	−17.0
28	B. D.+ 9°189	9	30 32.98	+ 0.34	− 0.74	28 45 56.90	46.108	+ 7.82	+ 32.6	1 30 32.58	− 3.60	+10 4 29.3	−17.1
29	π Piscium	9	32 4.51	+ 0.35	− **0.74**	27 11 56.45	44.093	+ 7.82	+ 30.5	1 32 4.12	.....	+11 39 17.9	....
30	B. D.+14°250	9	34 38.56	+ 0.38	− 0.74	23 53 56.62	46.360	+ 7.82	+ 26.3	1 34 38.20	− 3.72	+14 56 30.1	−16.9
31	B. D.+10°225	9	37 48.44	+ 0.34	− 0.74	28 13 57.17	46.438	+ 7.82	+ 31.9	1 37 48.04	− 3.63	+10 36 22.2	−16.6
32	B. D.+16°196	9	41 26.74	+ 0.39	− 0.74	21 53 55.90	47.355	+ 7.82	+ 23.9	1 41 26.39	− 3.78	+16 56 10.5	−16.4
33	B. D.+ 4°316	9	44 33.44	+ 0.31	− 0.74	33 41 56.72	43.985	+ 7.82	+ 39.5	1 44 33.01	− 3.53	+ 5 9 11.1	−15.9
34	γ Arietis (*south*)	9	48 19.88	+ 0.40	− 0.75	20 1 56.17	43.600	+ 7.82	+ 21.6	1 48 19.53	− 3.84	+18 49 38.3	−15.8
35	B. D.+13°296	9	49 41.77	+ 0.36	− 0.75	25 33 56.57	44.010	+ 7.82	+ 28.4	1 49 41.38	− 3.70	+13 17 21.7	−15.7
36	B. D.+ 5°276	9	55 13.78	+ 0.32	− 0.75	32 37 55.82	48.473	+ 7.82	+ 38.0	1 55 13.35	− 3.56	+ 6 11 30.9	−15.2
37	B. D.+12°271	9	57 29.02	+ 0.36	− 0.75	25 49 56.07	44.838	+ 7.82	+ 28.7	1 57 28.63	− 3.70	+13 1 3.0	−15.0
38	B. D.+19°324	9	1 1.16	+ 0.41	− 0.75	18 43 56.57	42.005	+ 7.82	+ 20.1	2 1 0.82	− 3.89	+20 8 15.8	−14.6
39	B. D.+10°293	9	3 3.31	+ 0.35	− 0.75	28 5 57.12	46.758	+ 7.82	+ 31.7	2 3 2.91	− 3.66	+10 44 15.1	−14.6
40	B. D.+20°341	9	6 4.08	+ 0.42	− 0.75	17 55 57.02	43.453	+ 7.82	+ 19.2	2 6 3.75	− 3.92	+20 55 43.2	−14.2
41	ξ^1 Ceti	9	7 58.68	+ 0.33	− **0.77**	30 25 56.80	47.275	+ 7.82	+ 34.9	2 7 58.26	.....	+ 8 24 0.4	....
42	B. D.+ 6°342	9	11 19.50	+ 0.32	− 0.75	32 19 56.60	42.495	+ 7.82	+ 37.5	2 11 19.07	− 3.57	+ 6 31 47.0	−14.0
43	67 Ceti	9	12 15.58	+ 0.22	− **0.79**	45 41 58.05	45.220	+ 7.82	+1 0.8	2 12 15.05	.....	− 6 51 39.7	....
44	Moon II, N.	9	37 9.61	+ 0.35	− 0.75	28 1 57.37	46.307	+ 7.82	+ 31.6	2 37 9.21	−63.43	+10 48 27.4	....
45	Moon S.	.	.. ..	....	....	28 31 57.10	47.265	+ 7.82	+ 32.3	.. ..	.....	+10 18 0.4	....
46	τ^1 Arietis	9	15 45.22	+ 0.42	− **0.74**	18 1 56.87	47.508	+ 7.82	+ 19.4	3 15 44.89	.....	+20 48 10.5	....
47	ο Tauri	9	19 42.74	+ 0.33	− **0.73**	30 7 57.40	48.390	+ 7.82	+ 34.5	3 19 42.32	.....	+ 8 41 34.8	....
48	B. D.+14°565	9	23 40.83	+ 0.37	− 0.75	24 11 56.67	42.393	+ 7.82	+ 26.6	3 23 40.45	− 3.72	+14 40 0.4	− 7.3
49	B. D.+17°564	9	25 57.88	+ 0.39	− 0.75	21 13 57.07	45.950	+ 7.82	+ 23.1	3 25 57.52	− 3.80	+17 36 42.2	− 6.7
50	B. D.+19°562	9	30 55.54	+ 0.41	− 0.75	19 5 56.97	45.060	+ 7.82	+ 20.6	3 30 55.20	− 3.85	+19 45 5.1	− 6.0
51	B. D.+16°484	9	34 4.00	+ 0.38	− 0.75	22 37 56.30	43.650	+ 7.82	+ 24.7	3 34 3.63	− 3.74	+16 13 33.9	− 6.2
52	B. D.+20°621	9	38 57.11	+ 0.42	− 0.75	18 13 56.35	43.765	+ 7.82	+ 19.6	3 38 56.78	− 3.86	+20 37 36.0	− 5.0
53	B. D.+24°553	9	40 15.46	+ 0.45	− 0.75	14 35 57.60	44.570	+ 7.82	+ 15.5	3 40 15.16	− 3.97	+24 15 20.8	− 4.3
54	B. D.+16°512	9	42 11.64	+ 0.38	− 0.75	22 25 56.27	46.223	+ 7.82	+ 24.5	3 42 11.27	− 3.73	+16 24 35.4	− 5.4
55	B. D.+20°643	9	44 15.34	+ 0.42	− 0.75	17 59 56.87	42.508	+ 7.82	+ 19.3	3 44 15.01	− 3.86	+20 52 4.8	− 4.5
56	B. D.+13°613	9	47 37.08	+ 0.37	− 0.75	24 45 56.15	42.915	+ 7.82	+ 27.3	3 47 36.70	− 3.66	+14 5 48.3	− 5.2
57	B. D.+19°625	9	51 22.13	+ 0.41	− 0.75	19 1 56.72	47.035	+ 7.82	+ 20.5	3 51 21.79	− 3.81	+19 48 20.3	− 3.9
58	B. D.+16°544	9	55 11.79	+ 0.39	− 0.75	21 49 57.12	43.563	+ 7.82	+ 23.8	3 55 11.43	− 3.72	+17 1 36.0	− 4.0
59	B. D.+23°609	9	58 41.34	+ 0.44	− 0.75	14 59 56.92	46.715	+ 7.82	+ 15.9	3 58 41.03	− 3.91	+23 50 32.0	− 2.5
60	B. D.+18°581	9	1 7.63	+ 0.40	− 0.75	19 57 56.07	43.903	+ 7.82	+ 21.6	4 1 7.28	− 3.76	+18 53 31.5	− 3.2
61	B. D.+22°637 (*mean*)	9	3 14.76	+ 0.44	− 0.75	15 59 57.80	46.453	+ 7.82	+ 17.0	4 3 14.45	− 3.87	+22 50 36.1	− 2.2
62	B. D.+21°606	9	6 35.67	+ 0.42	− 0.75	17 33 57.45	44.585	+ 7.82	+ 18.8	4 6 35.34	− 3.81	+21 17 17.3	− 2.2

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
24 0 32	.....	....	43.2	18, 39, 46. Bisections at II, VII.	44	+25 46.4	−15 0.7	+ 0.2	+10 45.9
0 49	30.09	44.4	43.0	23, 42, 52. Bisections at I, II.	45	+26 12.2	+15 0.7	...	+41 12.9
1 14	.....	....	43.0	44. Bisections at I, II, III.					
1 44	30.09	43.9	42.7	45. Bisections at VI, VII.					
1 59	.....	....	42.3						
2 14	30.08	43.5	42.2						
2 39	.....	....	41.9						
3 17	30.07	43.2	42.3						
3 25	.....	....	42.5						
3 49	30.07	43.6	42.7						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+15°603	9	10 23.21	+ 0.38	− 0.75	23 41 56.62	43.280	+ 7.82	+ 26.0	4 10 22.84	− 3.63	+15 9 40.8	− 3.0
2	B. D.+21°623	9	13 59.74	+ 0.42	− 0.75	17 17 56.97	46.680	+ 7.82	+ 18.5	4 13 59.41	− 3.80	+21 32 30.2	− 1.4
3	B. D.+13°665	9	15 32.59	+ 0.37	− 0.75	25 11 56.35	47.255	+ 7.82	+ 27.9	4 15 32.21	− 3.57	+13 38 8.3	− 2.8
4	B. D.+20°751	9	17 56.97	+ 0.42	− 0.75	18 5 55.92	44.070	+ 7.82	+ 19.4	4 17 56.64	− 3.76	+20 45 30.0	− 1.2
5	B. D.+21°643	8	19 45.90	+ 0.43	− 0.76	16 51 57.02	45.848	+ 7.82	+ 18.0	4 19 45.57	− 3.79	+21 58 49.7	− 0.7
6	B. D.+21°647	9	22 22.87	+ 0.42	− 0.76	17 25 56.07	47.138	+ 7.82	+ 18.7	4 22 22.53	− 3.76	+21 24 20.4	− 0.6
7	B. D.+27°661	9	23 28.16	+ 0.47	− 0.76	11 39 57.82	44.308	+ 7.82	+ 12.3	4 23 27.87	− 3.95	+27 11 30.0	+ 0.8
8	B. D.+15°639	8	25 14.22	+ 0.38	− 0.76	23 21 56.27	45.048	+ 7.82	+ 25.6	4 25 13.84	− 3.59	+15 29 1.4	− 1.6
9	ρ Tauri	9	28 27.96	+ 0.37	− 0.76	24 11 55.85	46.175	+ 7.82	+ 26.7	4 28 27.57	− 3.56	+14 38 34.7	− 1.4
10	B. D.+23°715	9	30 46.20	+ 0.44	− 0.76	15 41 56.55	46.295	+ 7.82	+ 16.7	4 30 45.88	− 3.79	+23 8 41.2	+ 0.6
11	B. D.+24°674	9	33 35.91	+ 0.46	− 0.76	13 49 57.17	43.893	+ 7.82	+ 14.6	4 33 35.61	− 3.84	+25 1 37.6	+ 1.3
12	B. D.+18°684	9	37 19.34	+ 0.40	− 0.76	20 17 57.12	46.850	+ 7.82	+ 22.0	4 37 18.98	− 3.63	+18 32 22.7	+ 0.2
13	B. D.+27°694	9	40 38.18	+ 0.48	− 0.76	11 7 57.35	44.423	+ 7.82	+ 11.7	4 40 37.90	− 3.90	+27 43 28.2	+ 2.6
14	B. D.+18°734	9	43 8.78	+ 0.40	− 0.76	20 17 56.87	45.385	+ 7.82	+ 22.0	4 43 8.42	− 3.61	+18 32 56.4	+ 0.7
15	B. D.+25°746	9	47 47.48	+ 0.46	− 0.76	13 37 56.70	47.200	+ 7.82	+ 14.4	4 47 47.18	− 3.78	+25 12 22.7	+ 2.8
16	B. D.+16°672	9	51 53.51	+ 0.39	− 0.76	21 49 56.85	47.378	+ 7.82	+ 23.8	4 51 53.14	− 3.53	+17 0 9.1	+ 1.2
17	B. D.+29°784	9	55 9.66	+ 0.49	− 0.76	9 39 56.32	44.608	+ 7.82	+ 10.2	4 55 9.39	− 3.88	+29 11 26.5	+ 4.5
18	ι Tauri	9	57 25.30	+ 0.42	**− 0.65**	17 23 56.92	45.070	+ 7.82	+ 18.6	4 57 24.96	.....	+21 27 6.9	....
19	11 Orionis	9	59 8.79	+ 0.38	**− 0.73**	23 33 56.25	47.198	+ 7.82	+ 25.9	4 59 8.41	.....	+15 16 11.7	....
	October 24, Br.												
20	φ Draconis s. p.	8	22 7.70	− 0.66	− 0.86	290 11 51.00	44.715	+ 8.03	−2 39.7	18 22 6.18	+ 2.32	+71 17 40.7	−28.4
21	8 Lyncis	9	28 59.97	+ 0.96	− 0.86	337 17 54.90	45.880	+ 8.03	− 24.8	6 29 0.07	.....	+61 33 33.6	....
22	156 H¹. Draconis s. p.	6	34 21.66	− 1.19	− 0.86	296 21 50.70	45.980	+ 8.03	−1 58.9	18 34 19.61	+ 4.13	+77 28 50.2	−29.3
23	ξ Geminorum	9	39 57.53	+ 0.38	**− 0.89**	25 49 56.55	48.090	+ 8.03	+ 28.8	6 39 57.05	.....	+12 59 47.9	....
24	κ Canis Majoris	9	46 18.47	0.00	− 0.86	71 11 57.37	45.978	+ 8.03	+2 53.4	6 46 17.61	− 2.23	−32 23 49.1	− 4.0
25	51 H. Cephei	8	56 2.88	+ 7.30	− 0.86	311 39 52.02	47.890	+ 8.03	−1 6.4	6 56 9.32	.....	+87 11 31.7	....
26	18 Lyncis	9	7 36.28	+ 0.92	− 0.86	339 3 54.10	44.378	+ 8.03	− 22.6	7 7 36.34	− 4.16	+59 48 6.4	+24.9
27	λ Geminorum	9	12 37.84	+ 0.40	**− 0.85**	22 7 55.95	46.180	+ 8.03	+ 24.2	7 12 37.38	.....	+16 42 36.8	....
28	ι Geminorum	9	19 49.26	+ 0.50	**− 0.92**	10 51 56.15	45.570	+ 8.03	+ 11.5	7 19 48.90	.....	+27 59 3.2	....
29	υ Geminorum	9	30 3.69	+ 0.49	− 0.86	11 43 56.37	47.585	+ 8.03	+ 12.4	7 30 3.32	− 2.78	+27 6 16.0	+15.9
30	24 Lyncis	9	34 56.97	+ 0.90	− 0.87	339 55 53.60	45.503	+ 8.03	− 21.6	7 34 57.00	.....	+58 55 40.4	....
31	κ Geminorum	9	38 42.29	+ 0.47	**− 0.84**	14 13 56.80	44.413	+ 8.03	+ 15.1	7 38 41.89	.....	+24 37 25.4	....
32	φ Geminorum	9	47 40.44	+ 0.48	**− 0.83**	11 49 55.65	46.855	+ 8.03	+ 12.5	7 47 40.05	.....	+27 0 33.3	....
33	3 Cancri	9	55 20.26	+ 0.41	− 0.87	21 15 55.45	47.675	+ 8.03	+ 23.2	7 55 19.80	− 2.46	+17 34 4.1	+13.6
34	4 B. Ursæ Minoris	5	2 37.00	+18.24	− 0.87	309 57 52.55	44.885	+ 8.03	−1 10.7	8 2 54.37	.....	+88 54 44.5	....
35	β Cancri	9	11 21.44	+ 0.35	**− 0.91**	29 21 55.67	45.625	+ 8.03	+ 33.5	8 11 20.92	.....	+ 9 28 40.4	....
	October 25, Br.												
36	Sun I, S.	9	57 38.02	+ 0.17	− 0.94	51 13 56.15	44.655	+ 8.38	+1 11.6	13 57 37.25	+66.15	−12 23 36.8	....
37	Sun II, N.	9	59 50.31	+ 0.17	− 0.94	50 41 56.87	44.035	+ 8.38	+1 10.2	13 59 49.54	−66.14	−11 51 20.8	....
38	Venus I, C.	9	53 24.47	+ 0.07	− 0.94	59 51 56.87	46.686	+ 7.53	+1 37.9	15 53 23.60	+ 0.44	−21 2 48.8	....
39	Venus II.	9	53 25.24	+ 0.07	− 0.94	... .	......	....	. ....	15 53 24.37	− 0.33	.. ..	....
40	ε Aquarii	9	42 32.08	+ 0.11	**− 0.98**	48 39 56.52	47.525	+ 7.20	+1 5.2	20 42 31.18	.....	− 9 50 34.7	....
41	[illegible] Capricorni	9	0 36.64	+ 0.04	**− 1.04**	56 25 54.87	46.780	+ 7.20	+1 26.4	21 0 35.67	.....	−17 36 37.1	....
42	ν Aquarii	7	4 25.41	+ 0.09	**− 1.06**	50 35 55.35	44.145	+ 7.20	+1 9.8	21 4 24.49	.....	−11 45 20.8	....
43	τ Cygni	5	11 0.41	+ 0.52	− 1.01	1 11 54.27	47.185	+ 7.20	+ 1.3	21 10 59.92	.....	+37 38 39.1	....
44	74 Cygni	9	33 9.14	+ 0.55	− 1.01	358 51 54.17	45.185	+ 7.20	− 1.1	21 33 8.68	.....	+39 59 27.4	....
45	κ Pegasi	9	40 21.07	+ 0.40	− 1.01	13 37 54.85	46.510	+ 7.20	+ 14.0	21 40 20.46	− 2.64	+25 12 41.3	−30.5
46	α Aquarii	9	0 54.76	+ 0.18	**− 0.96**	39 37 56.77	43.683	+ 7.20	+ 47.6	22 0 53.93	.....	− 0 46 49.8	....
	October 26, M.												
47	Sun I, S.	9	1 28.05	+ 0.05	− 0.94	51 33 56.35	46.143	+ 7.85	+1 11.3	14 1 27.16	+66.21	−12 44 10.2	....
48	Sun II, N.	9	3 40.47	+ 0.05	− 0.94	51 1 56.67	45.660	+ 7.85	+1 10.0	14 3 39.58	−66.21	−12 11 57.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 4 17	......	....	42.8
4 27	30.07	43.6	42.8
4 50	......	....	42.3
5 0	30.08	43.5	42.3
6 23	30.08	42.1	40.6
6 40	......	....	41.0
7 3	30.08	42.1	41.1
7 20	......	....	41.2
7 52	......	....	40.9
8 12	30.08	41.4	40.2
25 14 0	30.08	56.7	57.1
15 53	30.04	60.1	61.8
20 43	29.99	57.9	57.0
21 20	......	....	56.2
21 40	29.98	56.2	55.9
22 26	29.97	55.0	54.8
26 14 4	29.82	59.7	60.8

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at II, VII.
7, 8, 37, 48. Bisections at VI, VII.
20, 21, 30, 44. Bisections at III, V.
22. Bisections at b_1, b_6.
25. Bisections at III, IV, V.
34. Bisections at b_4, b_5, b_6.
36, 46, 47. Bisections at I, II.
38. Bisections at I, II, VI, VII.

Notes.

20. Revolutions of micrometer reading assumed.
20, 25. Unsteady.
40–46. Clouds.
41. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
36	+ 6.9	+16 7.9	...	+16 14.8
37	+ 6.8	−16 8.0	...	−16 1.2
38	+ 5.4	.. ....	0.0	+ 5.4
47	+ 6.9	+16 6.6	...	+16 13.5
48	+ 6.9	−16 6.6	...	−15 59.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	October 26, Y.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon N	.	.. ..	....	....	22 36 0.12	41.523	+ 7.55	+ 24.5	.. ..	.....	+16 16 20.4	....
2	Moon II, S.	9	21 36.41	+ 0.31	− 0.96	23 6 1.52	43.965	+ 7.55	+ 25.1	4 21 35.76	−66.13	+15 45 19.9	....
3	139 Tauri	9	52 6.30	+ 0.42	− 0.96	12 54 2.52	47.045	+ 7.95	+ 13.6	5 52 5.76	− 3.52	+25 56 21.1	+ 8.9
4	1 Geminorum	9	58 21.10	+ 0.40	− **0.97**	15 33 58.47	48.155	+ 7.97	+ 16.5	5 58 20.54	.....	+23 15 56.8	....
5	36 Camelopardalis	9	3 17.59	+ 1.11	− 0.96	333 7 55.92	45.138	+ 7.98	− 29.7	6 3 17.74	− 6.05	+65 43 54.2	+20.7
6	η Geminorum	9	9 8.88	+ 0.40	− **0.92**	16 17 59.15	48.195	+ 8.00	+ 17.3	6 9 8.32	.....	+22 31 54.4	....
7	μ Geminorum	9	17 13.07	+ 0.40	− **0.97**	16 17 58.92	43.793	+ 8.02	+ 17.3	6 17 12.51	.....	+22 33 35.2	....
8	6 Lyncis	9	22 31.88	+ 0.89	− 0.96	340 37 55.55	45.470	+ 8.03	− 20.6	6 22 31.81	− 4.83	+58 13 38.0	+20.8
9	ξ^2 Canis Majoris	9	31 5.47	+ 0.02	− 0.96	61 41 58.55	47.320	+ 8.06	+1 49.4	6 31 4.53	.....	−22 53 17.0	....
10	153 H^1. Draconis s. p.	9	35 55.76	− 0.59	− 0.96	284 19 52.77	44.845	+ 8.07	−3 45.9	18 35 54.21	+ 1.06	+65 24 39.4	−29.4
11	ξ Geminorum	9	39 57.72	+ 0.33	− **0.97**	25 49 57.97	48.040	+ 8.08	+ 28.6	6 39 57.09	.....	+12 59 47.8	....
12	ψ^7 Aurigæ	8	44 2.75	+ 0.62	− 0.96	356 57 57.47	45.410	+ 8.09	− 3.1	6 44 2.41	− 3.63	+41 53 20.2	+18.0
13	e Geminorum	9	49 17.32	+ 0.34	− 0.96	25 31 58.90	47.925	+ 8.10	+ 23.2	6 49 16.70	− 2.90	+13 17 49.9	+ 9.1
14	105 G. Canis Majoris	9	54 43.21	0.00	− 0.96	64 5 58.80	46.143	+ 8.12	+2 1.2	6 54 42.25	− 2.35	−25 17 2.2	− 1.8
15	o^2 Canis Majoris	9	59 4.29	+ 0.02	− 0.96	62 29 58.42	47.915	+ 8.13	+1 53.2	6 59 3.35	− 2.35	−23 41 34.3	− 1.3
16	45 Geminorum	9	2 55.31	+ 0.36	− 0.97	22 45 57.72	45.450	+ 8.14	+ 24.8	7 2 54.70	− 2.86	+16 4 51.0	+10.8
17	55 Draconis s. p.	7	9 25.39	− 0.60	− 0.97	284 43 52.37	47.183	+ 8.15	−3 39.7	19 9 23.82	+ 0.44	+65 49 38.7	−32.1
18	δ Geminorum	9	14 26.92	+ 0.42	− **0.97**	16 41 58.25	44.543	+ 8.17	+ 17.8	7 14 26.37	.....	+22 9 18.1	....
19	ι Geminorum	9	19 49.40	+ 0.48	− **0.98**	10 51 58.95	45.440	+ 8.18	+ 11.4	7 19 48.91	.....	+27 59 3.3	....
20	6 Canis Minoris	9	24 30.55	+ 0.34	− 0.97	26 37 59.80	47.093	+ 8.19	+ 29.7	7 24 29.92	− 2.66	+12 12 6.4	+10.7
21	n^1 Puppis	9	30 18.42	+ 0.04	− 0.97	62 5 58.10	43.538	+ 8.21	+1 51.3	7 30 17.49	− 2.22	−23 15 52.1	0.0
22	24 Lyncis	9	34 57.09	+ 0.96	− 0.97	339 55 55.60	45.433	+ 8.22	− 21.5	7 34 57.08	.....	+58 55 39.5	....
23	l Puppis	9	40 0.43	− 0.03	− 0.97	67 31 59.02	46.440	+ 8.23	+2 22.3	7 39 59.43	− 2.12	−28 43 30.1	− 1.1
24	φ Geminorum	9	47 40.64	+ 0.48	− **0.97**	11 49 58.22	46.738	+ 8.25	+ 12.5	7 47 40.15	.....	+27 0 33.2	....
	October 27, Y.												
25	Sun I, N.	8	5 18.67	+ 0.13	− 1.00	51 21 56.62	46.453	+ 8.59	+1 13.0	14 5 17.80	+66.35	−12 32 20.0	....
26	Sun II, S.	9	7 31.37	+ 0.13	− 1.00	51 53 57.52	47.125	+ 8.59	+1 14.4	14 7 30.50	−66.35	−13 4 36.5	....
27	Venus I, C.	9	3 40.74	+ 0.04	− 1.01	60 27 59.80	44.048	+ 7.98	+1 42.5	16 3 39.77	+ 0.39	−21 37 56.5	....
28	Venus II.	9	3 41.42	+ 0.04	− 1.01	... .	......	....	. ....	16 3 40.45	− 0.29	.. ..	....
29	G Cephei	8	9 24.02	+ 0.92	− 1.04	339 15 56.80	44.378	+ 7.29	− 22.2	21 9 23.90	− 2.31	+59 36 4.2	−36.2
30	ι Capricorni	9	16 57.64	+ 0.11	− **1.02**	56 3 58.50	45.870	+ 7.29	+1 27.5	21 16 56.71	.....	−17 14 21.2	....
31	1 H. Draconis s. p.	9	23 31.24	− 2.30	− 1.04	300 37 53.82	44.210	+ 7.29	−1 38.9	9 23 27.90	.....	+81 44 31.9	....
32	ρ Cygni	9	30 25.19	+ 0.66	− 1.04	353 41 56.70	42.373	+ 7.29	− 6.5	21 30 24.81	− 2.58	+45 10 34.3	−34.6
33	41 Capricorni	9	36 36.58	+ 0.05	− 1.04	62 31 59.27	42.755	+ 7.29	+1 53.1	21 36 35.59	− 2.64	−23 41 36.3	−15.5
34	κ Pegasi	9	40 21.10	+ 0.44	− 1.04	13 37 58.22	46.313	+ 7.29	+ 14.4	21 40 20.50	− 2.61	+25 12 42.0	−30.6
35	14 Pegasi	9	45 39.11	+ 0.48	− 1.04	9 7 59.10	42.785	+ 7.29	+ 9.5	21 45 38.55	− 2.67	+29 44 6.6	−31.6
36	Bradley 2868	9	49 56.06	+ 0.83	− 1.04	343 5 56.05	44.025	+ 7.29	− 17.8	21 49 55.85	− 2.99	+55 46 8.6	−35.4
37	28 Aquarii	9	56 13.80	+ 0.25	− 1.04	38 41 59.62	44.053	+ 7.29	+ 47.3	21 56 13.01	− 2.68	+ 0 8 59.4	−23.5
38	α Aquarii	9	0 54.79	+ 0.24	− **1.07**	39 37 59.85	43.490	+ 7.29	+ 48.9	22 0 53.99	.....	− 0 46 49.6	....
39	π Pegasi	8	5 46.78	+ 0.51	− 1.04	6 7 58.95	46.070	+ 7.29	+ 6.4	22 5 46.25	.....	+32 42 55.0	....
40	32 Ursæ Majoris s. p.	9	11 6.47	− 0.55	− 1.04	284 29 54.45	44.980	+ 7.29	−3 43.5	10 11 4.88	.....	+65 34 45.7	....
41	γ Aquarii	9	16 45.59	+ 0.23	− **1.11**	40 41 58.42	46.318	+ 7.29	+ 50.9	22 16 44.78	.....	− 1 51 54.8	....
42	π Aquarii	9	20 26.12	+ 0.25	− **1.09**	37 55 59.65	47.293	+ 7.29	+ 46.1	22 20 25.33	.....	+ 0 53 46.5	....
43	9 H. Draconis s. p.	9	26 58.41	− 1.25	− 1.04	295 5 53.30	43.875	+ 7.29	−2 5.2	10 26 56.12	.....	+76 11 57.5	....
44	226 B. Cephei	7	30 40.20	+ 1.76	− 1.04	323 7 55.37	44.485	+ 7.29	− 44.2	22 30 40.92	.....	+75 44 25.0	....
45	ε Piscis Australis	9	35 24.92	+ 0.01	− 1.04	66 21 56.90	44.125	+ 7.29	+2 14.8	22 35 23.89	.....	−27 32 27.0	....
46	λ Pegasi	9	41 58.11	+ 0.42	− **1.08**	15 47 58.87	42.583	+ 7.29	+ 16.8	22 41 57.49	.....	+23 4 4.2	....
47	λ Aquarii	9	47 40.26	+ 0.19	− **1.11**	46 56 0.12	43.600	+ 7.29	+1 3.4	22 47 39.41	.....	− 8 5 6.9	....
48	6 H^1. Draconis s. p.	9	52 17.29	− 1.53	− 1.05	297 9 53.57	45.073	+ 7.29	−1 54.6	10 52 14.71	.....	+78 16 35.4	....
49	β Pegasi	9	59 11.02	+ 0.46	− **1.04**	11 17 59.17	42.528	+ 7.29	+ 11.9	22 59 10.43	.....	+27 34 10.0	....
50	π Cephei	9	4 56.57	+ 1.67	− 1.05	323 59 56.22	43.905	+ 7.29	− 43.0	23 4 57.19	.....	+74 52 36.3	....
	October 27, Ei.-M.												
51	12 Ceti	9	25 12.50	+ 0.21	− **1.08**	43 19 59.05	43.615	+ 7.30	+ 56.0	0 25 11.64	.....	− 4 28 58.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 4 22	29.85	44.4	42.3
5 48	29.855	43.0	42.0
6 12	......	....	41.2
6 27	......	....	41.0
6 47	29.865	42.2	41.1
7 6	......	....	40.8
7 23	......	....	40.8
7 44	29.885	41.9	40.5
7 52	......	....	40.6
27 14 8	29.96	49.0	48.0
16 4	29.94	50.2	49.0
21 6	29.98	45.5	44.1
21 34	......	....	43.0
22 4	29.98	44.0	43.0
22 38	......	....	41.2
23 5	29.99	41.7	40.3
0 26	30.005	41.4	40.7

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at I, II, III.
2, 12, 23, 26, 39.	Bisections at VI, VII.
10, 29, 31, 36, 40, 43, 50.	Bisections at III, V.
15, 16, 21.	Bisections at II, VII.
17.	Bisections at II, III.
25.	Bisections at I, II.
27.	Bisections at I, II, VI, VII.
44.	Bisections at V, VI.
48.	Bisections at III, IV.

Note.

14, 15, 40. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+21 22.0	−15 16.4	...	+ 6 5.6
2	+21 49.9	+15 16.4	− 0.2	+37 6.1
25	+ 6.9	−16 8.3	...	−16 1.4
26	+ 6.9	+16 8.2	...	+16 15.1
27	+ 5.4	.. ....	0.0	+ 5.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ε Andromedæ	9	33 33.25	+ 0.46	− **1.00**	10 3 59.32	43.588	+ 7.33	+ 10.6	0 33 32.64	.....	+28 47 46.9	....
2	β Ceti	9	38 50.44	+ 0.11	− **1.09**	57 20 0.05	46.165	+ 7.35	+1 32.5	0 38 49.48	.....	−18 30 34.5	....
3	B. D.− 3°99	9	42 47.10	+ 0.23	− 1.07	41 39 59.10	47.695	+ 7.36	+ 52.9	0 42 46.26	− 3.31	− 2 50 29.0	−18.6
4	B. D.− 1°104	9	45 4.13	+ 0.24	− 1.07	39 34 0.85	47.933	+ 7.37	+ 49.1	0 45 3.30	− 3.34	− 0 44 32.4	−18.8
5	B. D.+ 3°115	9	47 3.27	+ 0.28	− 1.07	35 18 0.67	45.285	+ 7.37	+ 42.1	0 47 2.48	− 3.40	+ 3 32 35.3	−19.3
6	B. D.+ 5°120	9	49 4.44	+ 0.29	− 1.07	33 33 59.50	42.875	+ 7.38	+ 39.4	0 49 3.66	− 3.44	+ 5 17 34.2	−19.4
7	B. D.+11°120	9	52 24.29	+ 0.33	− 1.07	26 55 59.80	44.873	+ 7.39	+ 30.2	0 52 23.55	− 3.56	+11 54 57.4	−20.0
8	B. D.+13°143	9	54 45.38	+ 0.35	− 1.07	24 45 58.75	42.775	+ 7.40	+ 27.4	0 54 44.66	− 3.61	+14 5 49.2	−21.0
9	B. D.+ 7°151	9	57 11.54	+ 0.30	− 1.07	31 25 58.95	42.738	+ 7.41	+ 36.4	0 57 10.77	− 3.49	+ 7 25 40.9	−19.2
10	B. D.− 0°163	9	59 26.52	+ 0.25	− 1.07	38 44 0.12	45.815	+ 7.41	+ 47.7	0 59 25.70	− 3.38	+ 0 6 18.1	−18.2
11	B. D.+15°159	9	1 21.57	+ 0.36	− 1.07	23 1 58.42	46.798	+ 7.42	+ 25.3	1 1 20.86	− 3.66	+15 48 19.7	−19.7
12	B. D.+ 1°212	9	3 6.83	+ 0.26	− 1.07	37 20 0.62	47.303	+ 7.43	+ 45.4	1 3 6.02	− 3.41	+ 1 29 45.9	−18.2
13	B. D.+13°175	9	6 15.92	+ 0.35	− 1.07	24 39 59.52	44.385	+ 7.44	+ 27.4	1 6 15.20	− 3.64	+14 11 11.6	−19.2
14	B. D.+15°175	9	7 47.99	+ 0.37	− 1.07	22 35 59.40	43.455	+ 7.44	+ 24.8	1 7 47.29	− 3.69	+16 15 35.6	−19.3
15	B. D.+16°129	9	11 8.24	+ 0.37	− 1.07	21 43 58.45	42.565	+ 7.45	+ 23.7	1 11 7.54	− 3.72	+17 7 58.0	−19.1
16	B. D.+10°168	9	16 19.56	+ 0.33	− 1.07	27 48 0.25	46.588	+ 7.47	+ 31.4	1 16 18.82	− 3.58	+11 2 16.5	−18.2
17	B. D.+ 6°211	9	17 59.89	+ 0.31	− 1.07	31 55 59.85	44.598	+ 7.48	+ 37.1	1 17 59.13	− 3.53	+ 6 54 56.7	−17.8
18	B. D.+ 2°211	9	22 0.08	+ 0.28	− 1.07	35 47 59.70	45.520	+ 7.49	+ 42.9	1 21 59.29	− 3.47	+ 3 2 30.0	−17.2
19	B. D.+11°187	9	24 24.34	+ 0.34	− 1.07	26 55 59.50	47.845	+ 7.50	+ 30.3	1 24 23.61	− 3.64	+11 53 49.6	−17.7
20	B. D.+16°167	9	26 57.11	+ 0.37	− 1.07	22 23 58.22	43.083	+ 7.50	+ 24.5	1 26 56.41	− 3.75	+16 27 45.5	−17.8
21	Jupiter I, C	5	30 53.74	+ 0.31	− 1.07	30 59 59.77	43.046	+ 7.52	+ 35.8	1 30 52.98	+ 1.64	+ 7 49 50.6	....
22	Jupiter I	5	30 57.02	+ 0.31	− 1.07	... .	......	....	. ....	1 30 56.26	− 1.64	.. ..	....
23	B. D.+15°245	9	34 34.34	+ 0.37	− 1.07	22 55 59.22	43.938	+ 7.53	+ 25.2	1 34 33.64	− 3.75	+15 55 24.2	−17.1
24	B. D.+ 9°206	9	37 35.71	+ 0.33	− 1.07	29 3 59.70	47.560	+ 7.54	+ 33.1	1 37 34.97	− 3.62	+ 9 45 53.1	−16.6
25	B. D.+ 5°240	9	41 16.75	+ 0.30	− 1.07	32 47 59.67	42.945	+ 7.55	+ 38.3	1 41 15.98	− 3.56	+ 6 3 33.4	−16.1
26	B. D.+ 6°275	9	43 42.27	+ 0.31	− 1.07	31 37 59.10	45.520	+ 7.56	+ 36.7	1 43 41.51	− 3.58	+ 7 12 36.7	−16.0
27	B. D.+14°298	9	48 7.53	+ 0.36	− 1.08	23 51 57.85	48.065	+ 7.57	+ 26.4	1 48 6.81	− 3.76	+14 57 50.1	−16.0
28	B. D.+ 8°292	9	49 22.37	+ 0.32	− 1.08	30 32 0.02	45.145	+ 7.58	+ 35.1	1 49 21.61	− 3.61	+ 8 18 45.9	−15.6
29	B. D.+ 5°274	9	55 0.95	+ 0.30	− 1.08	33 15 59.75	45.873	+ 7.60	+ 39.1	1 55 0.17	− 3.56	+ 5 34 25.5	−15.1
30	B. D.+ 7°313	9	56 52.45	+ 0.32	− 1.08	31 25 58.67	46.260	+ 7.60	+ 36.4	1 56 51.69	− 3.60	+ 7 24 20.5	−15.0
31	B. D.+12°280	9	0 36.32	+ 0.35	− 1.08	26 11 58.85	47.215	+ 7.62	+ 29.3	2 0 35.59	− 3.72	+12 38 5.5	−14.9
32	B. D.+15°305	9	2 54.54	+ 0.37	− 1.08	23 29 58.00	44.613	+ 7.62	+ 25.9	2 2 53.83	− 3.79	+15 21 9.2	−14.7
33	15 Arietis	9	5 22.76	+ 0.39	− 1.08	19 47 58.82	44.980	+ 7.63	+ 21.5	2 5 22.07	− 3.89	+19 3 4.4	−14.4
34	ξ^1 Ceti	9	7 58.99	+ 0.32	− **1.05**	30 25 59.30	47.158	+ 7.64	+ 35.0	2 7 58.23	.....	+ 8 24 0.7	....
35	B. D.+16°266	9	11 51.52	+ 0.38	− 1.08	21 57 59.05	46.420	+ 7.65	+ 24.1	2 11 50.82	− 3.84	+16 52 28.7	−13.9
36	B. D.+19°346	9	15 15.96	+ 0.40	− 1.08	19 9 57.65	44.648	+ 7.66	+ 20.8	2 15 15.28	− 3.92	+19 41 13.8	−13.5
37	B. D.+10°318	9	18 9.64	+ 0.34	− 1.08	28 25 59.20	46.878	+ 7.67	+ 32.3	2 18 8.90	− 3.68	+10 24 9.8	−13.4
38	B. D.+18°305	9	20 57.71	+ 0.39	− 1.08	20 21 57.32	46.300	+ 7.68	+ 22.2	2 20 57.02	− 3.89	+18 28 35.0	−13.0
39	ξ^2 Ceti	9	23 7.62	+ 0.32	− **1.08**	30 47 59.12	47.190	+ 7.69	+ 35.6	2 23 6.86	.....	+ 8 1 59.5	....
40	ν Ceti	9	30 54.48	+ 0.31	− **1.11**	33 39 59.70	45.275	+ 7.72	+ 39.7	2 30 53.71	.....	+ 5 10 38.5	....
	October 27, Br.												
41	Moon II, S.	9	16 51.64	+ 0.42	− 1.19	21 31 58.77	45.736	+ 7.62	+ 23.8	5 16 50.87	−67.38	+17 18 44.9	....
42	[illegible] Lyncis	9	22 32.16	+ 0.89	− 1.19	340 37 56.80	45.465	+ 7.62	− 21.1	6 22 31.86	− 4.88	+58 13 37.9	+20.8
43	ξ^2 Canis Majoris	9	31 5.55	+ 0.12	− 1.19	61 41 59.42	47.220	+ 7.62	+1 52.0	6 31 4.48	.....	−22 53 17.8	....
44	153 H^1. Draconis s. P.	9	35 55.79	− 0.42	− 1.19	284 19 54.07	45.095	+ 7.62	−3 51.2	18 35 54.18	+ 1.11	+65 24 40.6	−29.3
45	ξ Geminorum	5	39 57.89	+ 0.39	− **1.17**	25 49 59.42	48.018	+ 7.62	+ 29.3	6 39 57.09	.....	+12 59 46.9	....
46	e Geminorum	9	49 17.50	+ 0.37	− 1.19	25 31 57.80	47.993	+ 7.62	+ 28.9	6 49 16.68	− 2.92	+13 17 49.2	+ 9.2
47	105 G. Canis Majoris	9	54 43.30	+ 0.10	− 1.19	64 5 59.22	45.963	+ 7.62	+2 4.1	6 54 42.21	− 2.38	−25 17 1.2	− 1.7
48	o^2 Canis Majoris	9	59 4.47	+ 0.11	− 1.19	62 29 59.25	47.795	+ 7.62	+1 55.9	6 59 3.39	− 2.38	−23 41 34.9	− 1.1
49	45 Geminorum	9	2 55.41	+ 0.41	− 1.19	22 45 57.77	45.413	+ 7.62	+ 25.4	7 2 54.63	− 2.89	+16 4 51.7	+11.0
50	55 Draconis s. P.	8	9 25.57	− 0.43	− 1.19	284 43 53.35	47.373	+ 7.62	−3 44.8	19 9 23.95	+ 0.49	+65 49 38.4	−32.1
51	δ Geminorum	9	14 27.08	+ 0.46	− **1.14**	16 41 58.85	44.530	+ 7.62	+ 18.2	7 14 26.35	.....	+22 9 18.0	....
52	ι Geminorum	9	19 49.61	+ 0.51	− **1.19**	10 51 58.40	45.493	+ 7.62	+ 11.7	7 19 48.93	.....	+27 59 2.9	....
53	6 Canis Minoris	9	24 30.70	+ 0.38	− 1.20	26 37 59.50	47.103	+ 7.62	+ 30.4	7 24 29.88	− 2.69	+12 12 6.0	+10.8
54	n^1 Puppis	9	30 18.55	+ 0.12	− 1.20	62 5 58.25	43.450	+ 7.62	+1 53.9	7 30 17.47	− 2.26	−23 15 52.3	+ 0.1
55	24 Lyncis	9	34 57.36	+ 0.91	− 1.20	339 55 55.45	45.470	+ 7.62	− 22.0	7 34 57.07	.....	+58 55 40.1	....
56	l Puppis	9	40 0.52	+ 0.06	− 1.20	67 31 59.50	46.313	+ 7.62	+2 25.8	7 39 59.38	− 2.16	−28 43 31.1	− 0.9
57	φ Geminorum	9	47 40.78	+ 0.50	− **1.09**	11 49 58.57	46.740	+ 7.62	+ 12.8	7 47 40.08	.....	+27 0 32.8	....
58	Groombridge 3402 s. P.	6	55 10.65	−16.64	− 1.20	307 41 53.70	49.242	+ 7.62	−1 17.9	19 54 52.81	+33.82	+88 50 47.7	−33.9
59	χ Cancri	9	14 17.24	+ 0.50	− 1.20	11 19 59.70	44.565	+ 7.62	+ 12.2	8 14 16.54	− 2.51	+27 31 22.3	+18.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 0 45	......	....	40.3
1 4	30.005	40.8	39.6
1 31	......	....	39.8
1 50	30.01	40.7	39.8
2 14	......	....	39.0
2 32	30.02	40.0	38.7
5 18	[illegible]	36.2	34.9
6 23	30.05	35.0	33.2
6 49	......	....	33.0
7 13	......	....	32.8
7 42	[illegible]	33.7	32.2
8 18	30.07	33.0	31.9

Micrometer bisections are made at II, VI, except as noted below.

1, 18.	Bisections at II, VII.
21.	Bisections at I, II, VI, VII.
21.	Z. D. threads A used.
41.	Bisections at II, III, IV, V, VI.
42, 44, 55.	Bisections at III, V.
45.	Bisections at VI, VII.
47, 48, 53, 56, 57.	Bisections at I, II.
50.	Bisections at b_2, b_8.
58.	Bisections at b_1, b_2, b_4, b_5, b_6, b_7.

Note.

44. Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
21	+ 1.1	.. ....	...	+ 1.1
41	+20 36.8	+15 25.7	...	+36 2.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	October 28, Br.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N	9	9 10.34	+ 0.22	− 1.23	51 41 59.57	46.783	+ 8.49	+1 14.4	14 9 9.33	+66.45	−12 52 31.8	....
2	Sun II, S	9	11 23.24	+ 0.22	− 1.23	52 14 0.95	47.388	+ 8.49	+1 15.9	14 11 22.23	−66.45	−13 24 47.3	....
3	Venus I, C	9	8 50.56	+ 0.15	− 1.23	60 44 6.20	45.246	+ 7.95	+1 43.9	16 8 49.48	+ 0.44	−21 54 31.6	....
4	Venus II	9	8 51.34	+ 0.15	− 1.23	... .	......	....	. ....	16 8 50.26	− 0.34	.. ..	....
5	γ Sculptoris	9	13 42.76	+ 0.02	− 1.27	71 52 4.12	43.588	+ 7.61	+2 59.6	23 13 41.51	.....	−33 3 7.0	....
6	υ Pegasi	9	20 39.28	+ 0.49	− **1.23**	15 58 4.50	45.260	+ 7.61	+ 17.0	23 20 38.50	.....	+22 52 56.8	....
7	39 H. Cephei	9	28 9.11	+ 7.12	− 1.27	312 5 59.70	43.240	+ 7.61	−1 5.4	23 28 14.96	.....	+86 47 9.7	....
8	3 Draconis s. P.	8	37 7.91	− 0.57	− 1.27	286 11 59.30	42.193	+ 7.61	−3 20.8	11 37 6.07	.....	+67 16 9.9	....
9	41 H. Cephei	9	43 24.93	+ 1.25	− 1.27	331 34 0.35	47.770	+ 7.61	− 32.0	23 43 24.91	.....	+67 16 52.6	....
10	Groombridge 4163	9	50 16.54	+ 1.67	− 1.27	325 0 1.22	42.528	+ 7.61	− 41.4	23 50 16.94	.....	+73 53 0.9	....
11	ω Piscium	9	54 27.10	+ 0.37	− **1.30**	32 32 3.92	40.975	+ 7.61	+ 37.9	23 54 26.20	.....	+ 6 20 14.5	....
12	2 Ceti	9	58 53.59	+ 0.18	− **1.32**	56 42 3.27	44.535	+ 7.61	+1 30.3	23 58 52.50	.....	−17 51 58.6	....
13	β Cassiopeiæ	9	4 8.55	+ 0.97	− 1.27	340 14 1.85	45.203	+ 7.61	− 21.2	0 4 8.25	.....	+58 37 39.0	....
14	6 B. Ursæ Minoris s. P.	8	13 45.10	−11.87	− 1.27	307 7 59.02	40.433	+ 7.61	−1 18.1	12 13 31.96	.....	+88 13 31.7	....
15	12 Ceti	9	25 12.58	+ 0.29	− **1.24**	43 20 5.37	43.368	+ 7.61	+ 56.1	0 25 11.60	.....	− 4 28 59.8	....
16	δ Andromedæ	9	34 16.13	+ 0.56	− 1.27	8 30 4.42	46.805	+ 7.61	+ 9.0	0 34 15.42	.....	+30 20 29.3	....
17	ο Cassiopeiæ	9	39 27.48	+ 0.77	− 1.27	351 6 3.07	43.970	+ 7.61	− 9.2	0 39 26.98	.....	+47 45 54.0	....
18	147 B. Piscium	8	43 25.16	+ 0.36	− 1.27	34 4 4.65	42.815	+ 7.61	+ 40.2	0 43 24.25	.....	+ 4 47 29.7	....
19	20 Ceti	9	48 10.39	+ 0.31	− **1.30**	40 30 4.72	45.340	+ 7.61	+ 50.8	0 48 9.43	.....	− 1 39 38.9	....
20	43 H. Cephei	9	55 56.00	+ 5.46	− 1.27	313 8 0.00	43.945	+ 7.61	−1 3.2	0 56 0.19	.....	+85 44 51.2	....
21	ζ^1 Piscium	9	8 47.29	+ 0.37	− **1.23**	31 46 3.65	46.028	+ 7.61	+ 36.9	1 8 46.39	.....	+ 7 4 20.3	....
22	υ Piscium	9	14 15.95	+ 0.53	− **1.22**	12 6 3.77	43.085	+ 7.61	+ 12.8	1 14 15.21	.....	+26 45 51.5	....
23	Jupiter I, C	5	30 24.35	+ 0.38	− 1.27	31 2 3.35	44.824	+ 7.61	+ 35.9	1 30 23.46	+ 1.68	+ 7 47 6.2	....
24	Jupiter II	5	30 27.72	+ 0.38	− 1.27	... .	......	....	. ....	1 30 26.83	− 1.69	.. ..	....
	October 28, Y.												
25	Moon II, S	9	13 46.81	+ 0.51	− 1.18	20 58 5.30	46.107	+ 7.92	+ 23.0	6 13 46.14	−68.33	+17 52 30.4	....
26	156 H^1. Draconis s. P.	9	34 21.33	− 1.28	− 1.18	296 21 52.07	46.005	+ 7.92	−1 59.6	18 34 18.87	+ 4.57	+77 28 51.2	−28.9
27	ξ Geminorum	9	39 57.85	+ 0.47	− **1.18**	25 49 57.80	48.065	+ 7.92	+ 29.0	6 39 57.14	.....	+12 59 47.2	....
28	*e* Geminorum	9	49 17.44	+ 0.47	− 1.18	25 31 56.15	48.033	+ 7.92	+ 28.6	6 49 16.73	− 2.95	+13 17 49.9	+ 9.3
29	o^2 Canis Majoris	9	59 4.44	+ 0.19	− 1.18	62 29 57.60	47.910	+ 7.92	+1 54.8	6 59 3.45	− 2.41	−23 41 34.8	− 1.0
30	45 Geminorum	9	2 55.38	+ 0.49	− 1.18	22 46 2.47	45.225	+ 7.92	+ 25.2	7 2 54.69	− 2.92	+16 4 51.2	+11.0
31	55 Draconis s. P.	9	9 25.47	− 0.45	− 1.18	284 43 57.90	47.095	+ 7.92	−3 42.8	19 9 23.84	+ 0.55	+65 49 38.8	−32.0
32	δ Geminorum	9	14 27.06	+ 0.54	− **1.17**	16 41 57.72	44.558	+ 7.92	+ 18.0	7 14 26.42	.....	+22 9 18.3	....
33	ι Geminorum	9	19 49.58	+ 0.59	− **1.20**	10 51 57.05	45.500	+ 7.92	+ 11.6	7 19 48.99	.....	+27 59 3.9	....
34	6 Canis Minoris	9	24 30.68	+ 0.46	− 1.18	26 37 58.10	47.163	+ 7.92	+ 30.1	7 24 29.96	− 2.72	+12 12 6.4	+10.9
35	n^1 Puppis	9	30 18.56	+ 0.19	− 1.18	62 5 58.17	43.475	+ 7.92	+1 53.1	7 30 17.57	− 2.28	−23 15 52.3	+ 0.2
36	24 Lyncis	9	34 57.38	+ 1.01	− 1.18	339 55 54.02	45.553	+ 7.92	− 21.8	7 34 57.21	.....	+58 55 38.9	....
37	φ Geminorum	9	47 40.87	+ 0.58	− **1.23**	11 49 57.25	46.785	+ 7.92	+ 12.7	7 47 40.26	.....	+27 0 33.2	....
38	Groombridge 3402 s. P.	7	55 8.71	−17.98	− 1.19	307 41 52.00	49.263	+ 7.92	−1 17.3	19 54 49.54	+35.15	+88 50 47.8	−33.9
39	173 B. Camelopardalis	.	.. ..	.....	....	322 49 53.17	44.513	+ 7.92	− 45.3	8 7	.....	+76 2 27.3	....
40	30 Monocerotis	9	20 54.97	+ 0.35	− **1.19**	42 25 58.00	45.673	+ 7.92	+ 54.9	8 20 54.13	.....	− 3 35 44.2	....
	October 29, Y.												
41	Sun I, S	9	13 2.77	+ 0.31	− 1.21	52 33 57.50	47.533	+ 8.32	+1 15.7	14 13 1.87	+66.47	−13 44 48.0	....
42	Sun II, N	9	15 15.72	+ 0.31	− 1.21	52 1 59.12	46.933	+ 8.32	+1 14.2	14 15 14.82	−66.48	−13 12 33.2	....
43	Venus I, C	5	14 1.60	+ 0.14	− 1.22	60 59 57.62	45.838	+ 7.29	+1 43.5	16 14 0.52	+ 0.35	−22 10 35.5	....
44	Venus II	5	14 2.22	+ 0.14	− 1.22	... .	......	....	. ....	16 14 1.14	− 0.27	.. ..	....
45	41 Capricorni	9	36 36.77	+ 0.06	− 1.24	62 31 56.95	42.953	+ 6.69	+1 51.6	21 36 35.59	− 2.61	−23 41 36.4	−15.4
46	κ Pegasi	9	40 21.20	+ 0.47	− 1.24	13 37 56.50	46.385	+ 6.69	+ 14.2	21 40 20.43	− 2.57	+25 12 42.9	−30.7
47	14 Pegasi	9	45 39.23	+ 0.52	− 1.24	9 7 57.17	42.878	+ 6.69	+ 9.4	21 45 38.51	− 2.63	+29 44 7.1	−31.7
48	Bradley 2868	9	49 56.24	+ 0.88	− 1.24	343 5 54.42	44.060	+ 6.69	− 17.6	21 49 55.88	− 2.92	+55 46 9.9	−35.7
49	28 Aquarii	9	56 13.98	+ 0.27	− 1.24	38 41 56.67	44.200	+ 6.69	+ 46.7	21 56 13.01	− 2.65	+ 0 9 0.2	−23.5
50	α Aquarii	9	0 54.95	+ 0.26	− **1.28**	39 37 58.00	43.613	+ 6.69	+ 48.2	22 0 53.97	.....	− 0 46 49.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
28 14 11	30.105	47.4	46.8
16 9	30.07	50.9	50.0
23 12	30.06	43.1	42.0
23 33	....	....	41.2
0 14	30.055	41.9	40.9
1 2	....	....	40.0
1 14	30.05	40.3	40.1
1 30	30.05	40.4	40.2
6 14	30.015	38.1	37.0
6 33	....	....	37.2
6 52	30.015	38.0	37.2
7 22	....	....	35.8
7 41	30.005	35.9	34.8
8 26	30.00	36.2	35.2
29 14 15	30.03	52.5	52.6
16 14	29.985	55.7	56.0
21 32	29.945	49.3	49.2
22 4	....	....	48.8

Micrometer bisections are made at II, VI, except as noted below.

1, 16, 41.	Bisections at I, II.
2, 18, 42.	Bisections at VI, VII.
3, 23, 43.	Bisections at I, II, VI, VII.
7, 20.	Bisections at III, IV, V.
8–10, 13, 17, 26, 31, 48.	Bisections at III, V.
14.	Bisections at b$_2$, b$_5$, b$_8$.
23.	Z. D. threads A used.
25.	Bisections at II, III, IV, V, VI.
38.	Bisections at b$_4$, b$_6$.
39.	Bisections at IV, V.

Notes.

21, 38.	Revolutions of micrometer reading assumed.
35.	Degrees and minutes of circle reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.9	−16 7.7	...	−16 0.8
2	+ 7.0	+16 7.7	...	+16 14.7
3	+ 5.4	.. ....	0.0	+ 5.4
23	+ 1.1	.. ....	...	+ 1.1
25	+20 17.7	+15 34.8	...	+35 52.5
41	+ 7.0	+16 7.4	...	+16 14.4
42	+ 7.0	−16 7.4	...	−16 0.4
43	+ 5.4	.. ....	0.0	+ 5.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	π Pegasi	9	5 46.93	+ 0.55	− 1.24	6 7 56.55	46.170	+ 6.69	+ 6.3	22 5 46.24	....	+32 42 55.6	....
2	32 Ursæ Majoris S. P.	9	11 6.79	− 0.56	− 1.24	284 29 50.85	44.983	+ 6.69	−3 40.2	10 11 4.99	....	+65 34 44.9	....
3	γ Aquarii	9	16 45.71	+ 0.26	− **1.29**	40 41 56.10	46.440	+ 6.69	+ 50.1	22 16 44.73	....	− 1 51 53.8	....
4	π Aquarii	9	20 26.26	+ 0.28	− **1.29**	37 55 57.22	47.480	+ 6.69	+ 45.4	22 20 25.30	....	+ 0 53 46.0	....
5	9 H. Draconis S. P.	9	26 58.66	− 1.28	− 1.24	295 5 50.97	43.855	+ 6.69	−2 3.3	10 26 56.14	....	+76 11 56.2	....
6	226 B. Cephei	7	30 40.32	+ 1.85	− 1.24	323 7 53.97	44.468	+ 6.69	− 42.5	22 30 40.93	....	+75 44 25.9	....
7	ε Piscis Australis	9	35 25.03	+ 0.03	− 1.24	66 21 56.55	44.290	+ 6.69	+2 12.6	22 35 23.82	....	−27 32 27.3	....
8	λ Pegasi	9	41 58.21	+ 0.46	− **1.25**	15 47 56.85	42.703	+ 6.69	+ 16.5	22 41 57.43	....	+23 4 4.3	....
9	λ Aquarii	9	47 40.40	+ 0.22	− **1.30**	46 55 58.55	43.740	+ 6.69	+1 2.3	22 47 39.38	....	− 8 5 6.8	....
10	6 H¹. Draconis S. P.	9	52 17.79	− 1.57	− 1.24	297 9 51.30	45.045	+ 6.69	−1 52.7	10 52 14.98	....	+78 16 34.3	....
11	β Pegasi	9	59 11.16	+ 0.51	− **1.26**	11 17 56.95	42.635	+ 6.69	+ 11.7	22 59 10.43	....	+27 34 10.6	....
12	π Cephei	9	4 56.49	+ 1.77	− 1.24	323 59 54.30	43.930	+ 6.69	− 42.2	23 4 57.02	....	+74 52 37.5	....
13	5 H¹. Cassiopeiæ	9	8 44.31	+ 0.91	− 1.24	342 11 53.55	47.685	+ 6.69	− 18.6	23 8 43.98	....	+56 38 49.0	....
14	γ Sculptoris	9	13 42.81	− 0.03	− 1.24	71 51 57.10	44.090	+ 6.69	+2 56.7	23 13 41.54	....	−33 3 7.3	....
15	υ Pegasi	9	20 39.35	+ 0.47	− **1.29**	15 57 57.90	45.570	+ 6.69	+ 16.8	23 20 38.58	....	+22 52 57.5	....
	October 29, Ei.-M.												
16	ζ Andromedæ	9	42 19.39	+ 0.46	− **1.18**	15 5 57.30	45.410	+ 6.92	+ 15.8	0 42 18.58	....	+23 45 2.5	....
17	δ Piscium	9	43 46.47	+ 0.34	− **1.30**	31 45 57.25	47.055	+ 6.93	+ 36.3	0 43 45.54	....	+ 7 4 4.5	....
18	B. D.+11°106	9	46 37.66	+ 0.37	− 1.27	26 35 57.22	42.085	+ 6.94	+ 29.3	0 46 36.76	− 3.54	+12 16 5.1	−20.5
19	B. D.+10°105	9	48 54.31	+ 0.36	− 1.27	28 13 57.57	46.370	+ 6.95	+ 31.4	0 48 53.40	− 3.52	+10 36 24.7	−20.2
20	B. D.− 0°146	9	52 22.38	+ 0.28	− 1.27	38 59 58.00	47.583	+ 6.97	+ 47.3	0 52 21.39	− 3.36	− 0 10 19.4	−18.5
21	B. D.− 1°124	9	54 30.16	+ 0.27	− 1.27	40 1 56.82	44.688	+ 6.97	+ 49.1	0 54 29.16	− 3.35	− 1 11 13.8	−18.2
22	B. D.+ 9°116	9	57 0.34	+ 0.35	− 1.27	29 15 56.95	45.590	+ 6.98	+ 32.8	0 56 59.42	− 3.53	+ 9 34 41.7	−19.5
23	26 Ceti	9	58 56.92	+ 0.29	− 1.27	37 59 57.42	43.090	+ 6.99	+ 45.6	0 58 55.94	− 3.39	+ 0 51 25.6	−18.3
24	B. D.+ 2°155	9	1 13.03	+ 0.30	− 1.27	36 3 56.80	47.100	+ 7.00	+ 42.5	1 1 12.06	− 3.42	+ 2 45 57.6	−18.4
25	e Piscium	9	3 29.82	+ 0.32	− 1.27	33 41 57.50	45.020	+ 7.01	+ 38.9	1 3 28.87	− 3.47	+ 5 8 48.1	−18.6
26	B. D.+ 3°166	9	6 34.52	+ 0.31	− 1.27	34 55 58.05	43.333	+ 7.02	+ 40.7	1 6 33.56	− 3.46	+ 3 55 24.5	−18.2
27	ζ¹ Piscium	9	8 47.35	+ 0.34	− **1.26**	31 45 56.65	46.360	+ 7.03	+ 36.2	1 8 46.42	....	+ 7 4 21.0	....
28	B. D.+ 1°238	9	11 43.20	+ 0.30	− 1.27	36 35 57.30	46.935	+ 7.04	+ 43.4	1 11 42.23	− 3.44	+ 2 14 0.0	−17.7
29	υ Piscium	9	14 16.00	+ 0.49	− **1.23**	12 5 57.22	43.370	+ 7.05	+ 12.6	1 14 15.22	....	+26 45 52.2	....
30	B. D.+10°171	9	17 54.14	+ 0.36	− 1.27	27 57 57.07	46.920	+ 7.07	+ 31.0	1 17 53.23	− 3.61	+10 52 12.9	−18.2
31	η Piscium	9	26 25.26	+ 0.39	− **1.24**	23 59 55.92	44.235	+ 7.10	+ 26.1	1 26 24.38	....	+14 51 20.5	....
32	B. D.+ 8°245	9	28 57.29	+ 0.35	− 1.27	30 19 56.22	46.548	+ 7.11	+ 34.3	1 28 56.37	− 3.59	+ 8 30 18.9	−17.2
33	B. D.+ 6°244 (*south*)	9	31 5.82	+ 0.34	− 1.27	31 41 56.25	43.343	+ 7.12	+ 36.1	1 31 4.89	− 3.56	+ 7 9 30.3	−17.0
34	B. D.+ 1°293	9	33 27.01	+ 0.30	− 1.27	36 43 57.30	46.633	+ 7.13	+ 43.7	1 33 26.04	− 3.48	+ 2 6 6.5	−16.4
35	B. D.+ 6°259	9	36 12.22	+ 0.34	− 1.27	31 43 56.80	45.835	+ 7.14	+ 36.2	1 36 11.29	− 3.57	+ 7 6 32.7	−16.6
36	B. D.+ 2°255	9	38 58.12	+ 0.31	− 1.27	35 43 57.80	45.163	+ 7.15	+ 42.1	1 38 57.16	− 3.50	+ 3 6 40.9	−16.1
37	o Piscium	9	40 23.92	+ 0.35	− **1.25**	30 9 57.60	45.400	+ 7.16	+ 34.1	1 40 23.00	....	+ 8 40 43.9	....
38	B. D.+12°232	9	42 32.84	+ 0.38	− 1.27	26 7 57.37	45.138	+ 7.17	+ 28.8	1 42 31.95	− 3.70	+12 42 55.4	−16.4
39	54 Ceti	9	45 50.84	+ 0.36	− 1.27	28 15 57.42	46.583	+ 7.18	+ 31.6	1 45 49.93	− 3.66	+10 34 19.5	−16.1
40	B. D.+ 6°296	9	48 40.01	+ 0.34	− 1.27	31 39 56.17	47.555	+ 7.19	+ 36.2	1 48 39.08	− 3.59	+ 7 9 54.3	−15.7
41	B. D.+ 5°262	8	50 21.33	+ 0.33	− 1.27	32 51 56.62	46.543	+ 7.20	+ 37.9	1 50 20.39	− 3.57	+ 5 58 15.1	−15.5
42	B. D.+ 3°273	9	55 26.63	+ 0.31	− 1.27	34 55 57.32	42.688	+ 7.22	+ 40.9	1 55 25.67	− 3.54	+ 3 55 39.3	−15.0
43	B. D.+10°275	8	57 54.87	+ 0.36	− 1.27	28 17 57.55	43.243	+ 7.23	+ 31.6	1 57 53.96	− 3.68	+10 33 35.7	−15.1
44	B. D.+13°333	8	1 34.28	+ 0.39	− 1.27	24 43 56.35	43.025	+ 7.24	+ 27.0	2 1 33.40	− 3.77	+14 7 46.5	−14.9
45	B. D.+ 6°331	9	3 58.23	+ 0.33	− 1.27	32 17 57.02	43.625	+ 7.26	+ 37.0	2 3 57.29	− 3.60	+ 6 33 22.1	−14.5
46	B. D.+ 9°280	9	7 27.32	+ 0.35	− 1.27	28 57 57.20	45.028	+ 7.27	+ 32.5	2 7 26.40	− 3.68	+ 9 52 54.3	−14.3
47	B. D.+18°283	9	8 36.80	+ 0.42	− 1.27	19 41 55.97	42.398	+ 7.27	+ 21.0	2 8 35.95	− 3.91	+19 10 7.1	−14.3
48	B. D.+21°321	9	13 15.48	+ 0.44	− 1.27	17 23 56.67	44.125	+ 7.29	+ 18.4	2 13 14.65	− 3.98	+21 27 29.5	−13.9
49	B. D.+ 7°371	9	16 31.64	+ 0.34	− 1.27	31 31 55.77	44.715	+ 7.31	+ 36.0	2 16 30.71	− 3.63	+ 7 18 59.4	−13.6
50	B. D.+14°392	9	19 16.61	+ 0.39	− 1.28	23 45 55.92	43.555	+ 7.32	+ 25.9	2 19 15.72	− 3.81	+15 5 36.1	−13.4
51	B. D.+ 9°321	9	21 41.17	+ 0.36	− 1.28	28 41 56.87	46.935	+ 7.33	+ 32.2	2 21 40.25	− 3.69	+10 8 11.3	−13.2
52	B. D.+ 8°385	9	24 32.26	+ 0.35	− 1.28	29 41 57.22	46.260	+ 7.34	+ 33.5	2 24 31.33	− 3.67	+ 9 8 25.4	−13.0
53	B. D.+18°325	9	28 19.20	+ 0.42	− 1.28	20 23 55.67	43.720	+ 7.35	+ 21.9	2 28 18.34	− 3.88	+18 27 36.2	−12.5
54	B. D.+22°372	9	31 18.17	+ 0.45	− 1.28	16 13 57.45	42.208	+ 7.37	+ 17.1	2 31 17.34	− 4.04	+22 38 13.8	−12.0
55	B. D.+14°439	9	33 48.12	+ 0.39	− 1.28	24 23 56.40	45.255	+ 7.38	+ 26.6	2 33 47.23	− 3.80	+14 26 55.7	−12.1
56	μ Arietis	9	37 1.87	+ 0.43	− 1.28	19 13 56.30	47.098	+ 7.39	+ 20.5	2 37 1.02	− 3.95	+19 36 19.8	−11.6
57	μ Ceti	9	39 49.71	+ 0.35	− **1.29**	29 7 57.07	45.550	+ 7.40	+ 32.7	2 39 48.78	....	+ 9 42 42.2	....
58	41 Arietis	9	44 24.80	+ 0.49	− **1.24**	11 57 56.35	48.208	+ 7.42	+ 12.5	2 44 24.01	....	+26 52 2.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 22 24	29.94	48.2	48.7
22 45	......	....	48.2
23 24	29.94	47.3	47.4
0 40	[illegible]	46.0	46.5
1 7	......	....	48.2
1 25	29.93	46.1	47.0
1 46	......	....	45.5
2 5	29.92	45.5	45.5
2 28	......	....	44.0
2 46	29.906	44.9	46.8

Micrometer bisections are made at II, VI, except as noted below.

2, 12. Bisections at III, V.
5. Bisection at III.
6, 13. Bisections at IV, V.
7, 14, 26, 31, 40, 52. Bisections at VI, VII.
10. Bisections at III, IV.
19, 57. Bisections at II, VII.
36. Bisections at I, II.
41. Bisections at II, VI, VII.
50. Bisection at VII.

Notes.

2. Very unsteady.
4–57. Images poor at times.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	October 29, Br.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon II, S.	9	11 49.02	+ 0.42	− 1.39	21 29 56.67	46.601	+ 7.60	+ 23.1	7 11 48.05	−68.87	+17 20 28.0	....
2	η Canis Majoris	9	20 21.59	+ 0.02	− 1.39	67 55 56.60	45.135	+ 7.60	+2 23.6	7 20 20.22	− 2.29	−29 6 58.8	− 1.3
3	6 Canis Minoris	9	24 31.02	+ 0.37	− 1.39	26 37 57.45	47.283	+ 7.60	+ 29.4	7 24 30.00	− 2.75	+12 12 5.3	+11.0
4	υ Geminorum	9	30 4.34	+ 0.50	− 1.39	11 43 56.25	47.645	+ 7.60	+ 12.2	7 30 3.45	− 2.94	+27 6 15.4	+16.4
5	24 Lyncis	8	34 57.73	+ 0.90	− 1.39	339 55 53.35	45.535	+ 7.60	− 21.2	7 34 57.24	.....	+58 55 39.9	....
6	κ Geminorum	9	38 42.98	+ 0.47	− **1.37**	14 13 55.87	44.525	+ 7.60	+ 14.9	7 38 42.06	.....	+24 37 24.6	....
7	φ Geminorum	9	47 41.13	+ 0.50	− **1.38**	11 49 55.32	46.925	+ 7.60	+ 12.3	7 47 40.23	.....	+27 0 32.7	....
8	3 Cancri	9	55 20.87	+ 0.41	− 1.40	21 15 55.45	47.745	+ 7.60	+ 22.8	7 55 19.88	− 2.61	+17 34 3.3	+14.3
9	4 B. Ursæ Minoris	5	2 44.22	+20.28	− 1.40	309 57 51.20	44.900	+ 7.60	−1 9.4	8 3 3.10	.....	+88 54 44.5	....
10	β Cancri	9	11 22.08	+ 0.35	− **1.40**	29 21 55.35	45.740	+ 7.60	+ 32.9	8 11 21.03	.....	+ 9 28 39.2	....
11	d¹ Cancri	9	17 55.56	+ 0.42	− 1.40	20 11 55.12	47.535	+ 7.60	+ 21.6	8 17 54.58	.....	+18 38 9.3	....
12	30 Monocerotis	8	20 55.26	+ 0.25	− **1.35**	42 25 55.62	45.875	+ 7.60	+ 53.4	8 20 54.11	.....	− 3 35 44.7	....
	October 30, M.												
13	ι Canis Majoris	9	51 55.11	+ 0.20	− 1.35	55 45 57.67	44.455	+ 7.66	+1 28.8	6 51 53.96	− 2.57	−16 55 49.7	+ 0.7
14	υ Draconis s. P.	9	55 34.86	− 0.67	− 1.35	290 3 52.55	47.390	+ 7.66	−2 43.5	18 55 32.84	+ 1.88	+71 10 39.3	−30.7
15	γ Canis Majoris	9	59 28.67	+ 0.21	− **1.37**	54 19 57.57	43.865	+ 7.66	+1 24.3	6 59 27.53	.....	−15 29 31.6	....
16	55 Draconis s. P.	7	9 25.67	− 0.42	− 1.35	284 43 51.42	47.430	+ 7.66	−3 45.4	19 9 23.90	+ 0.66	+65 49 37.2	−31.8
17	δ Geminorum	9	14 27.37	+ 0.48	− **1.35**	16 41 57.10	44.613	+ 7.66	+ 18.2	7 14 26.50	.....	+22 9 17.8	....
18	ι Geminorum	9	19 49.85	+ 0.53	− **1.34**	10 51 57.05	45.568	+ 7.66	+ 11.7	7 19 49.02	.....	+27 59 2.5	....
19	6 Canis Minoris	9	24 30.98	+ 0.41	− 1.36	26 37 57.17	47.230	+ 7.66	+ 30.4	7 24 30.03	− 2.78	+12 12 5.7	+11.1
20	n¹ Puppis	9	30 18.66	+ 0.16	− 1.36	62 5 56.90	43.565	+ 7.66	+1 54.2	7 30 17.46	− 2.34	−23 15 54.2	+ 0.5
21	n² Puppis	.	.. ..	.....	....	62 5 56.90	43.690	+ 7.66	+1 54.2	7 30	.....	−23 15 56.5	....
22	24 Lyncis	9	34 57.78	+ 0.93	− 1.36	339 55 53.62	45.563	+ 7.66	− 22.0	7 34 57.35	.....	+58 55 39.5	....
23	l Puppis	9	40 0.71	+ 0.10	− 1.36	67 31 57.85	46.410	+ 7.66	+2 26.0	7 39 59.45	− 2.25	−28 43 31.7	− 0.5
24	φ Geminorum	9	47 41.09	+ 0.53	− **1.34**	11 49 56.67	46.840	+ 7.66	+ 12.8	7 47 40.26	.....	+27 0 32.4	....
25	Groombridge 3402 s. P.	5	55 5.36	−16.12	− 1.36	307 41 51.12	49.307	+ 7.66	−1 18.0	19 54 47.88	+37.83	+88 50 46.9	−33.9
26	Moon II, S.	9	10 19.43	+ 0.45	− 1.36	23 9 55.82	44.570	+ 7.66	+ 26.0	8 10 18.51	−69.02	+15 41 12.2	....
27	χ Cancri	9	14 17.59	+ 0.54	− 1.36	11 19 57.30	44.673	+ 7.66	+ 12.2	8 14 16.77	− 2.62	+27 31 22.2	+18.6
28	30 Monocerotis	9	20 55.24	+ 0.32	− **1.38**	42 25 55.57	45.775	+ 7.66	+ 55.5	8 20 54.20	.....	− 3 35 44.5	....
29	Groombridge 1418	9	26 31.17	+ 4.38	− 1.36	313 27 51.12	49.001	+ 7.66	−1 3.7	8 26 34.19	− 8.33	+85 23 5.1	+34.6
	October 31, M.												
30	Sun I, S.	8	20 49.52	+ 0.24	− 1.39	53 13 57.52	45.745	+ 7.93	+1 19.3	14 20 48.37	+66.80	−14 24 10.3	....
31	Sun II, N.	8	23 3.12	+ 0.24	− 1.39	52 41 58.25	45.063	+ 7.93	+1 17.8	14 23 1.97	−66.80	−13 51 52.8	....
32	Venus I, C.	5	24 26.77	+ 0.17	− 1.40	61 29 59.10	46.183	+ 7.97	+1 47.7	16 24 25.54	+ 0.33	−22 40 49.8	....
33	Venus II.	5	24 27.34	+ 0.17	− 1.40	... .	......	....	. ....	16 24 26.11	− 0.24	.. ..	....
34	76 Draconis	8	49 32.72	+ 3.13	− 1.42	316 41 55.30	43.022	+ 7.12	− 55.5	20 49 34.43	.....	+82 11 10.0	....
35	θ Capricorni	9	0 36.82	+ 0.17	− **1.45**	56 25 58.65	46.550	+ 7.12	+1 29.1	21 0 35.57	.....	−17 36 38.3	....
36	ν Aquarii	9	4 25.55	+ 0.22	− **1.42**	50 35 58.37	43.930	+ 7.12	+1 12.0	21 4 24.35	.....	−11 45 20.8	....
37	G Cephei	9	9 24.17	+ 0.99	− 1.42	339 15 55.55	44.398	+ 7.12	− 22.3	21 9 23.74	− 2.14	+59 36 5.3	−36.6
38	ι Capricorni	9	16 57.92	+ 0.18	− **1.44**	56 3 58.95	45.882	+ 7.12	+1 28.0	21 16 56.68	.....	−17 14 22.1	....
39	1 H. Draconis s. P.	9	23 32.03	− 2.32	− 1.42	300 37 54.37	44.131	+ 7.12	−1 39.4	9 23 28.29	.....	+81 44 30.1	....
40	ρ Cygni	9	30 25.26	+ 0.72	− 1.42	353 41 56.45	42.333	+ 7.12	− 6.5	21 30 24.56	− 2.48	+45 10 35.7	−34.9
41	41 Capricorni	9	36 36.82	+ 0.12	− 1.42	62 31 58.85	42.780	+ 7.12	+1 53.7	21 36 35.52	− 2.58	−23 41 36.9	−15.2
42	κ Pegasi	9	40 21.29	+ 0.51	− 1.42	13 37 57.57	46.363	+ 7.12	+ 14.4	21 40 20.38	− 2.54	+25 12 41.6	−30.8
43	14 Pegasi	9	45 39.28	+ 0.56	− 1.42	9 7 57.42	42.868	+ 7.12	+ 9.6	21 45 38.42	− 2.59	+29 44 6.4	−31.8
44	Bradley 2868	9	49 56.26	+ 0.91	− 1.42	343 5 54.97	44.023	+ 7.12	− 17.9	21 49 55.75	− 2.85	+55 46 9.9	−36.0
45	28 Aquarii	9	56 14.12	+ 0.32	− 1.42	38 41 58.50	44.123	+ 7.12	+ 47.5	21 56 13.02	− 2.62	+ 0 8 58.9	−23.4
46	α Aquarii	9	0 55.04	+ 0.31	− **1.45**	39 37 58.85	43.545	+ 7.12	+ 49.1	22 0 53.92	.....	− 0 46 49.9	....
47	32 Ursæ Majoris s. P.	9	11 7.01	− 0.52	− 1.43	284 29 52.42	45.052	+ 7.12	−3 44.4	10 11 5.06	.....	+65 34 44.3	....
48	γ Aquarii	9	16 45.75	+ 0.31	− **1.40**	40 41 57.52	46.370	+ 7.12	+ 51.1	22 16 44.63	.....	− 1 51 55.1	....
49	π Aquarii	9	20 26.34	+ 0.33	− **1.44**	37 55 58.07	47.410	+ 7.12	+ 46.3	22 20 25.24	.....	+ 0 53 45.4	....
50	9 H. Draconis s. P.	9	26 58.88	− 1.22	− 1.43	295 5 51.50	43.877	+ 7.12	−2 5.6	10 26 56.23	.....	+76 11 55.3	....
51	226 B. Cephei	9	30 40.08	+ 1.86	− 1.43	323 7 54.15	44.438	+ 7.12	− 44.4	22 30 40.51	.....	+75 44 27.7	....
52	ε Piscis Australis	9	35 25.07	+ 0.09	− 1.43	66 21 58.50	44.065	+ 7.12	+2 15.2	22 35 23.73	.....	−27 32 27.4	....
53	λ Pegasi	9	41 58.33	+ 0.50	− **1.44**	15 47 59.07	42.608	+ 7.12	+ 16.8	22 41 57.40	.....	+23 4 3.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 7 7	29.925	46.1	45.8
7 42	......	....	47.1
8 11	......	....	47.0
8 21	29.945	47.0	47.0
30 6 52	30.08	34.6	32.4
7 13	......	....	32.0
7 29	30.09	33.8	32.0
7 57	......	....	31.4
8 29	30.09	33.3	31.2
31 14 23	30.13	45.1	43.2
16 24	30.09	48.9	48.0
20 50	30.05	44.2	43.1
21 13	......	....	42.2
21 44	30.05	42.6	42.0
22 27	......	....	41.1

Micrometer bisections are made at II, VI, except as noted below.

1, 26. Bisections at II, III, IV, V, VI.
5, 37, 51. Bisections at III, V.
6, 21, 31, 36. Bisections at VI, VII.
9. Bisections at b_3, b_5, b_7.
11, 20, 24, 30. Bisections at I, II.
14, 29, 34, 39. Bisections at b_1, b_2, b_5, b_8, b_9
16, 47, 50. Bisections at III, IV, V.
25. Bisections at b_3, b_4, b_5, b_6, b_7.
32. Bisections at I, II, VI, VII.
38. Bisections at II, VI, VII.

Notes.

1–12. Diffuse.
2, 9, 11. Very unsteady.
10. Revolutions of micrometer reading assumed.
14, 16. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+21 0.4	+15 44.5	...	+36 44.9
26	+22 47.4	+15 54.7	...	+38 42.1
30	+ 7.1	+16 8.7	...	+16 15.8
31	+ 7.0	−16 8.7	...	−16 1.7
32	+ 5.5	.. ....	0.0	+ 5.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Aquarii	9	47 40.53	+ 0.27	− **1.51**	46 55 59.80	43.635	+ 7.12	+1 3.5	22 47 39.37	.....	− 8 5 7.4	....
2	6 H^{1}. Draconis s. p.	9	52 17.77	− 1.51	− 1.43	297 9 52.85	45.040	+ 7.12	−1 54.9	10 52 14.83	.....	+78 16 33.9	....
3	β Pegasi	9	59 11.23	+ 0.54	− **1.39**	11 17 58.95	42.553	+ 7.12	+ 11.9	22 59 10.34	.....	+27 34 9.8	....
4	π Cephei	9	4 56.43	+ 1.78	− 1.43	323 59 54.45	43.897	+ 7.12	− 43.0	23 4 56.78	.....	+74 52 38.5	....
5	5 H^{1}. Cassiopeiæ	9	8 44.24	+ 0.94	− 1.43	342 11 55.62	47.553	+ 7.12	− 19.0	23 8 43.75	.....	+56 38 49.6	....
	October 31, Br.												
6	ξ Geminorum	9	39 58.29	+ 0.50	− **1.57**	25 49 57.40	48.115	+ 7.90	+ 29.1	6 39 57.22	.....	+12 59 46.3	....
7	κ Canis Majoris	9	46 19.23	+ 0.15	− 1.57	71 11 57.85	45.945	+ 7.90	+2 55.0	6 46 17.81	− 2.44	−32 23 50.0	− 2.8
8	51 H. Cephei	9	56 7.72	+ 7.57	− 1.57	311 39 52.32	47.918	+ 7.90	−1 7.0	6 56 13.72	.....	+87 11 31.4	....
9	18 Lyncis	9	7 37.26	+ 1.03	− 1.57	339 3 54.00	44.420	+ 7.90	− 22.8	7 7 36.72	− 4.56	+59 48 6.0	+24.9
10	λ Geminorum	9	12 38.61	+ 0.52	− **1.53**	22 7 57.37	46.185	+ 7.90	+ 24.5	7 12 37.56	.....	+16 42 35.0	....
11	η Canis Majoris	9	20 21.71	+ 0.19	− 1.57	67 55 57.12	44.910	+ 7.90	+2 27.3	7 20 20.33	− 2.35	−29 6 58.2	− 1.1
12	6 Canis Minoris	4	24 31.09	+ 0.50	− 1.57	26 37 57.30	47.260	+ 7.90	+ 30.1	7 24 30.02	− 2.81	+12 12 5.2	+11.2
13	υ Geminorum	9	30 4.46	+ 0.61	− 1.57	11 43 56.62	47.600	+ 7.90	+ 12.5	7 30 3.50	− 3.01	+27 6 15.1	+16.5
14	24 Lyncis	9	34 57.93	+ 1.02	− 1.57	339 55 54.62	45.538	+ 7.90	− 21.8	7 34 57.38	.....	+58 55 38.7	....
15	κ Geminorum	9	38 43.11	+ 0.59	− **1.55**	14 13 57.12	44.455	+ 7.90	+ 15.3	7 38 42.13	.....	+24 37 24.0	....
16	φ Geminorum	9	47 41.24	+ 0.62	− **1.54**	11 49 56.70	46.878	+ 7.90	+ 12.6	7 47 40.29	.....	+27 0 31.7	....
17	3 Cancri	9	55 21.02	+ 0.54	− 1.57	21 15 56.37	47.678	+ 7.90	+ 23.4	7 55 19.99	− 2.68	+17 34 3.0	+14.4
18	4 B. Ursæ Minoris	5	2 47.60	+18.82	− 1.57	309 57 52.55	44.890	+ 7.90	−1 11.3	8 3 4.85	.....	+88 54 44.4	....
19	d^{1} Cancri	9	17 55.69	+ 0.55	− 1.57	20 11 56.50	47.423	+ 7.90	+ 22.2	8 17 54.67	.....	+18 38 9.9	....
20	30 Monocerotis	9	20 55.34	+ 0.41	− **1.54**	42 25 57.62	45.733	+ 7.90	+ 55.0	8 20 54.18	.....	− 3 35 45.6	....
21	θ Cancri	9	26 10.90	+ 0.55	− 1.58	20 25 55.85	45.638	+ 7.90	+ 22.5	8 26 9.87	− 2.46	+18 24 51.1	+15.9
22	27 B. Ursæ Majoris	9	32 14.58	+ 0.91	− 1.58	345 47 55.22	48.470	+ 7.90	− 15.1	8 32 13.91	− 2.85	+53 2 24.4	+27.6
23	ε Hydræ	9	41 44.99	+ 0.48	− **1.58**	32 3 56.27	47.005	+ 7.90	+ 37.7	8 41 43.89	.....	+ 6 46 2.2	....
24	76 Draconis s. p.	9	49 38.49	− 2.10	− 1.58	301 3 51.70	46.030	+ 7.90	−1 39.1	20 49 34.81	.....	+82 11 11.9	....
25	Moon II, S.	9	8 47.44	+ 0.53	− 1.57	25 51 55.92	47.420	+ 7.90	+ 29.2	9 8 46.40	−68.88	+12 58 3.5	....
	November 1, Br.												
26	Sun I, S.	9	24 44.38	+ 0.27	− 1.59	53 33 58.52	44.095	+ 8.79	+1 17.3	14 24 43.06	+66.92	−14 43 32.5	....
27	Sun II, N.	9	26 58.23	+ 0.27	− 1.59	53 1 58.02	43.355	+ 8.79	+1 15.9	14 26 56.91	−66.93	−14 11 12.6	....
28	76 Draconis	8	49 32.93	+ 2.91	− 1.61	316 41 49.60	43.210	+ 6.48	− 53.9	20 49 34.23	.....	+82 11 10.6	....
29	θ Capricorni	9	0 37.09	+ 0.10	− **1.67**	56 25 54.72	46.860	+ 6.48	+1 26.5	21 0 35.58	.....	−17 36 38.5	....
30	ν Aquarii	9	4 25.84	+ 0.15	− **1.66**	50 35 54.57	44.218	+ 6.48	+1 9.9	21 4 24.38	.....	−11 45 21.1	....
31	G Cephei	9	9 24.54	+ 0.89	− 1.61	339 15 52.22	44.533	+ 6.48	− 21.7	21 9 23.82	− 2.10	+59 36 5.5	−36.6
32	ι Capricorni	9	16 58.21	+ 0.10	− **1.66**	56 3 54.85	46.188	+ 6.48	+1 25.3	21 16 56.70	.....	−17 14 21.8	....
33	1 H. Draconis s. p.	8	23 32.94	− 2.20	− 1.61	300 37 48.75	44.265	+ 6.48	−1 36.5	9 23 29.13	.....	+81 44 29.8	....
34	ρ Cygni	9	30 25.59	+ 0.64	− 1.61	353 41 53.52	42.468	+ 6.48	− 6.3	21 30 24.62	− 2.45	+45 10 36.1	−34.9
35	41 Capricorni	9	36 37.03	+ 0.04	− 1.61	62 31 54.97	43.090	+ 6.48	+1 50.4	21 36 35.46	− 2.56	−23 41 36.2	−15.1
36	14 Pegasi	9	45 39.62	+ 0.47	− 1.62	9 7 54.20	43.010	+ 6.48	+ 9.3	21 45 38.47	− 2.58	+29 44 7.0	−31.8
37	Bradley 2868	9	49 56.54	+ 0.81	− 1.62	343 5 51.45	44.158	+ 6.48	− 17.4	21 49 55.73	− 2.82	+55 46 10.6	−36.0
38	α Aquarii	9	0 55.28	+ 0.23	− **1.62**	39 37 54.87	43.820	+ 6.48	+ 47.8	22 0 53.89	.....	− 0 46 50.2	....
39	γ Aquarii	9	16 46.07	+ 0.22	− **1.65**	40 41 53.05	46.648	+ 6.48	+ 49.7	22 16 44.67	.....	− 1 51 54.9	....
40	π Aquarii	9	20 26.61	+ 0.24	− **1.64**	37 55 55.35	47.570	+ 6.48	+ 45.1	22 20 25.23	.....	+ 0 53 46.3	....
41	ε Piscis Australis	9	35 25.37	0.00	− 1.62	66 21 53.60	44.475	+ 6.48	+2 11.6	22 35 23.75	.....	−27 32 27.7	....
42	λ Pegasi	9	41 58.61	+ 0.41	− **1.64**	15 47 54.22	42.833	+ 6.48	+ 16.4	22 41 57.40	.....	+23 4 4.3	....
43	λ Aquarii	9	47 40.76	+ 0.18	− **1.66**	46 55 55.50	43.918	+ 6.48	+1 1.9	22 47 39.32	.....	− 8 5 7.2	....
44	6 H^{1}. Draconis s. p.	9	52 18.29	− 1.45	− 1.62	297 9 49.42	45.077	+ 6.48	−1 51.8	10 52 15.22	.....	+78 16 33.8	....
45	β Pegasi	9	59 11.54	+ 0.45	− **1.62**	11 17 54.92	42.788	+ 6.48	+ 11.6	22 59 10.37	.....	+27 34 9.7	....
46	5 H^{1}. Cassiopeiæ	9	8 44.54	+ 0.83	− 1.62	342 11 52.15	47.705	+ 6.48	− 18.5	23 8 43.75	.....	+56 38 50.0	....
47	υ Pegasi	9	20 39.71	+ 0.41	− **1.63**	15 57 54.90	45.710	+ 6.48	+ 16.6	23 20 38.50	.....	+22 52 57.7	....
	November 1, M.												
48	8 Monocerotis	9	18 45.19	+ 0.30	− **1.51**	34 11 57.70	46.013	+ 7.38	+ 40.1	6 18 43.94	.....	+ 4 38 23.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
31 23 12	30.05	41.2	40.2
6 40	29.97	36.1	35.2
7 1	......	....	35.0
7 11	29.96	35.8	....
7 43	......	....	34.8
8 38	......	....	33.5
8 52	......	....	33.8
9 9	29.97	34.1	34.0
1 14 27	30.00	56.0	59.0
20 51	29.99	56.0	56.0
21 14	......	....	56.0
21 37	29.99	54.9	54.9
22 1	......	....	54.1
22 20	30.00	53.2	53.4
22 35	......	....	53.1
22 52	......	....	52.9
23 21	30.02	51.7	52.0
6 17	30.04	45.8	45.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at I, II, VI.
2, 4, 8, 24, 37, 44.	Bisections at III, IV, V.
7, 12, 27, 45.	Bisections at VI, VII.
9, 31, 34, 46.	Bisections at III, V.
11.	Bisections at I, II, VI, VII.
13, 20, 26, 29, 36.	Bisections at I, II.
18.	Bisections at b_6, b_7, b_8.
25.	Bisections at II, III, IV, V, VI.
28.	Bisections at b_3, b_5, b_7.
33.	Bisections at b_2, b_8.

Notes.

11, 28, 48.	Unsteady.
18.	Diffuse and unsteady.
20.	Faint.
24.	Circle reading increased 2′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
25	+25 34.5	+16 4.9	...	+41 39.4
26	+ 7.1	+16 10.0	...	+16 17.1
27	+ 7.1	−16 9.9	...	−16 2.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Canis Majoris	9	24 40.78	− 0.04	− 1.55	71 19 57.80	44.200	+ 7.38	+2 53.4	6 24 39.19	− 2.55	−32 31 8.2	− 3.4
2	γ Geminorum	9	32 14.43	+ 0.38	− **1.56**	22 21 55.50	45.970	+ 7.38	+ 24.3	6 32 13.26	.....	+16 28 42.6	....
3	153 H¹. Draconis s. p.	9	35 55.96	− 0.51	− 1.55	284 19 51.55	44.892	+ 7.38	−3 46.1	13 35 53.90	+ 1.37	+65 24 38.3	−28.5
4	ξ Geminorum	8	39 58.44	+ 0.36	− **1.55**	25 49 57.12	48.165	+ 7.33	+ 28.7	6 39 57.25	.....	+12 59 46.4	....
5	ψ⁷ Aurigæ	9	44 3.52	+ 0.63	− 1.55	356 57 56.45	45.478	+ 7.38	− 3.1	6 44 2.60	− 3.87	+41 53 20.2	+17.9
6	ι Canis Majoris	9	51 55.39	+ 0.13	− 1.55	55 45 57.92	44.540	+ 7.38	+1 26.7	6 51 53.97	− 2.63	−16 55 49.5	+ 0.9
7	υ Draconis s. p.	9	55 34.84	− 0.77	− 1.55	290 3 51.15	47.227	+ 7.38	−2 39.6	18 55 32.52	+ 2.02	+71 10 37.8	−30.4
8	γ Canis Majoris	9	59 28.93	+ 0.14	− **1.50**	54 19 58.17	43.963	+ 7.38	+1 22.3	6 59 27.52	.....	−15 29 32.2	....
9	22 Monocerotis	9	7 1.81	+ 0.26	− 1.55	39 9 57.67	47.083	+ 7.38	+ 48.2	7 7 0.52	.....	− 0 20 8.9	....
10	δ Geminorum	9	14 27.63	+ 0.43	− **1.50**	16 41 57.85	44.600	+ 7.38	+ 17.8	7 14 26.51	.....	+22 9 18.0	....
11	ι Geminorum	9	19 50.16	+ 0.48	− **1.54**	10 51 56.30	45.630	+ 7.38	+ 11.4	7 19 49.00	.....	+27 59 2.4	....
12	n¹ Puppis	9	30 19.06	+ 0.07	− 1.55	62 5 57.20	43.665	+ 7.38	+1 51.4	7 30 17.58	− 2.40	−23 15 53.1	+ 0.7
13	24 Lyncis	9	34 57.99	+ 0.91	− 1.55	339 55 54.05	45.535	+ 7.38	− 21.5	7 34 57.35	.....	+58 55 39.7	....
14	l Puppis	9	40 1.10	+ 0.01	− 1.55	67 31 57.85	46.600	+ 7.38	+2 22.5	7 39 59.56	− 2.31	−28 43 32.2	− 0.3
15	φ Geminorum	9	47 41.40	+ 0.47	− **1.52**	11 49 56.82	46.875	+ 7.33	+ 12.5	7 47 40.32	.....	+27 0 32.0	....
16	Groombridge 3402 s. p.	7	55 7.10	−17.87	− 1.55	307 41 52.32	49.184	+ 7.33	−1 16.1	19 54 47.68	+40.43	+88 50 46.7	−33.9
17	173 B. Camelopardalis	9	7 34.67	+ 1.78	− 1.56	322 49 52.70	44.488	+ 7.38	− 44.7	8 7 34.89	.....	+76 2 28.1	....
18	χ Cancri	8	14 17.85	+ 0.48	− 1.56	11 19 57.45	44.728	+ 7.38	+ 11.9	8 14 16.77	− 2.68	+27 31 21.4	+18.8
19	30 Monocerotis	9	20 55.53	+ 0.23	− **1.52**	42 25 57.12	45.800	+ 7.38	+ 54.2	8 20 54.20	.....	− 3 35 45.1	....
20	Groombridge 1418	9	26 31.22	+ 4.85	− 1.56	313 27 52.35	48.866	+ 7.33	−1 2.2	8 26 34.51	− 9.00	+85 23 5.7	+34.6
21	19 G. Pyxidis	9	34 59.38	+ 0.08	− 1.56	61 9 57.77	44.615	+ 7.38	+1 47.4	8 34 57.90	− 2.14	−22 20 11.8	+ 2.8
22	γ Cancri	9	37 47.46	+ 0.42	− **1.49**	17 1 57.20	46.678	+ 7.38	+ 18.2	8 37 46.32	.....	+21 48 30.9	....
23	Moon II, S.	9	6 55.92	+ 0.34	− **1.57**	29 31 57.95	43.624	+ 7.38	+ 33.6	10 6 54.69	−68.63	+ 9 19 24.4	....
	November 2, M.												
24	Sun I, N.	9	28 39.97	+ 0.17	− 1.59	53 19 55.77	46.405	+ 7.36	+1 17.9	14 28 38.55	+66.98	−14 30 21.7	....
25	Sun II, S.	9	30 53.93	+ 0.17	− 1.59	53 51 55.25	47.058	+ 7.36	+1 19.4	14 30 52.51	−66.98	−15 2 36.5	....
26	ι Capricorni	9	16 58.21	+ 0.10	− **1.68**	56 4	......	....	. ....	21 16 56.67	.....	−17 14	....
27	1 H. Draconis s. p.	9	23 32.66	− 2.35	− 1.64	300 38	......	....	. ....	9 23 28.67	.....	+81 44	....
28	η Aquarii	9	30 29.66	+ 0.23	− **1.67**	39 28	......	....	. ....	22 30 28.25	.....	− 0 36	....
29	ζ Pegasi	9	36 44.61	+ 0.31	− **1.59**	28 30	......	....	. ....	22 36 43.28	.....	+10 20	....
30	λ Pegasi	9	41 58.57	+ 0.41	− **1.62**	15 48	......	....	. ....	22 41 57.34	.....	+23 4	....
31	λ Aquarii	8	47 40.74	+ 0.17	− **1.64**	46 56	......	....	. ....	22 47 39.27	.....	− 8 5	....
	November 3, Y.												
32	ι Capricorni	9	16 58.33	+ 0.09	− **1.81**	56 3 54.60	46.108	+ 8.26	+1 25.8	21 16 56.63	.....	−17 14 22.0	....
33	1 H. Draconis s. p.	9	23 33.10	− 2.41	− 1.79	300 37 48.05	44.260	+ 8.26	−1 36.9	9 23 28.90	.....	+81 44 30.2	....
34	ρ Cygni	9	30 25.73	+ 0.65	− 1.79	353 41 52.45	42.480	+ 8.26	− 6.3	21 30 24.59	− 2.40	+45 10 35.1	−35.0
35	γ Capricorni	9	34 50.64	+ 0.09	− **1.77**	55 55 54.70	43.893	+ 8.26	+1 25.3	21 34 48.94	.....	−17 5 30.9	....
36	ι Piscis Australis	8	39 18.32	− 0.08	− 1.79	72 15 55.82	45.430	+ 8.26	+2 59.2	21 39 16.45	− 2.58	−33 27 40.7	−11.6
37	π² Cygni	8	43 18.49	+ 0.71	− 1.79	349 59 53.60	42.893	+ 8.26	− 10.1	21 43 17.41	.....	+48 52 28.4	....
38	158 B. Cephei	9	51 43.34	+ 1.55	− 1.79	325 37 49.85	41.600	+ 8.26	− 39.4	21 51 43.10	.....	+73 15 28.7	....
39	28 Aquarii	9	56 14.49	+ 0.23	− 1.79	38 41 54.67	44.278	+ 8.26	+ 46.4	21 56 12.93	− 2.58	+ 0 8 59.1	−23.2
40	α Aquarii	9	0 55.43	+ 0.23	− **1.80**	39 37 55.50	43.688	+ 8.26	+ 47.9	22 0 53.87	.....	− 0 46 49.7	....
41	27 Pegasi	9	5 2.38	+ 0.50	− 1.79	6 9 53.25	41.573	+ 8.26	+ 6.3	22 5 1.09	− 2.73	+32 42 42.4	−32.3
42	1 H. Lacertæ	9	9 49.46	+ 0.58	− 1.79	359 37 52.72	41.530	+ 8.26	− 0.3	22 9 48.25	− 2.83	+39 14 50.4	−33.5
43	γ Aquarii	9	16 46.18	+ 0.22	− **1.78**	40 41 54.20	46.523	+ 8.26	+ 49.8	22 16 44.61	.....	− 1 51 55.1	....
44	π Aquarii	9	20 26.74	+ 0.24	− **1.79**	37 55 54.57	47.553	+ 8.26	+ 45.2	22 20 25.19	.....	+ 0 53 45.6	....
45	38 Pegasi	9	25 42.51	+ 0.50	− 1.79	6 45 53.70	45.005	+ 8.26	+ 6.9	22 25 41.22	− 2.92	+32 5 22.9	−31.7
46	υ Aquarii	9	29 31.12	+ 0.06	− 1.80	60 1 55.55	43.853	+ 8.26	+1 40.2	22 29 29.38	− 2.73	−21 11 45.8	−16.1
47	10 Lacertæ	9	35 1.50	+ 0.57	− 1.80	0 17 53.55	44.855	+ 8.26	+ 0.4	22 35 0.27	.....	+38 33 32.9	....
48	λ Pegasi	9	41 58.72	+ 0.41	− **1.78**	15 47 53.70	42.743	+ 8.86	+ 16.4	22 41 57.33	.....	+23 4 4.5	....
49	α Piscis Australis	9	52 25.54	− 0.04	− 1.80	68 55 55.70	46.693	+ 8.26	+2 29.7	22 52 23.70	.....	−30 7 40.3	....
50	ο Andromedæ	9	57 34.82	+ 0.61	− 1.80	357 1 54.22	46.108	+ 8.26	− 2.9	22 57 33.63	.....	+41 49 6.9	....
51	55 Pegasi	9	2 14.49	+ 0.30	− 1.80	29 57 55.42	42.590	+ 8.26	+ 33.4	23 2 12.99	− 2.98	+ 8 53 49.9	−24.9
52	5 H¹. Cassiopeiæ	9	8 44.64	+ 0.85	− 1.80	342 13 51.22	42.440	+ 8.26	− 18.5	23 8 43.69	.....	+56 38 49.4	....
53	ψ³ Aquarii	9	14 2.66	+ 0.15	− 1.80	48 57 56.85	45.515	+ 8.26	+1 6.6	23 14 1.01	− 2.92	−10 7 51.4	−19.2
54	υ Pegasi	9	20 39.89	+ 0.41	− **1.83**	15 57 55.70	45.590	+ 8.26	+ 16.7	23 20 38.50	.....	+22 52 57.7	....
55	39 H. Cephei	9	28 6.94	+ 7.15	− 1.80	312 5 49.17	43.544	+ 8.26	−1 4.0	23 28 12.29	.....	+86 47 11.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 6 52	......	....	44.2
7 3	30.11	45.2	44.1
8 12	......	....	43.4
8 43	30.125	43.9	43.0
10 7	30.14	43.7	43.0
2 14 31	30.17	53.9	54.0
3 21 7	29.855	52.1	51.3
21 28	......	....	51.0
21 47	29.85	51.3	50.7
22 12	......	....	50.2
22 38	29.84	50.5	49.9
23 1	......	....	49.1
23 18	29.825	49.2	48.6
23 34	29.82	49.3	48.4

Micrometer bisections are made at II, VI, except as noted below.

3, 7.	Bisections at III, IV, V.
12, 25, 36.	Bisections at VI, VII.
13, 17, 33, 34, 38, 52.	Bisections at III, V.
15, 24.	Bisections at I, II.
16.	Bisections at b_3, b_5, b_7, b_8.
19.	Bisections at I, VI.
20.	Bisections at b_1, b_2, b_5, b_8, b_9.
21.	Bisections at I, II, VI.
22.	Bisections at II, VI, VII.
23.	Bisections at II, III, IV, V, VI.
35, 53.	Bisections at II, VII.
37.	Bisections at IV, V.
55.	Bisections at b_3, b_4, b_5, b_6, b_7.

Notes.

1. Unsteady.
3. Very poor.
48. Two microscopes used.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+29 10.6	+16 14.4	...	+45 25.0
24	+ 7.1	−16 7.4	...	−16 0.3
25	+ 7.1	+16 7.4	...	+16 14.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	November 5, Y.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	1 H. Lacertæ	9	9 49.61	+ 0.61	− 1.98	359 35 55.60	46.630	+ 9.10	− 0.3	22 9 48.24	− 2.79	+39 14 50.2	−33.5
2	γ Aquarii	9	16 46.32	+ 0.25	− **1.98**	40 41 55.47	46.443	+ 9.10	+ 49.3	22 16 44.59	.....	− 1 51 54.9	....
3	π Aquarii	9	20 26.94	+ 0.27	− **2.05**	37 55 56.27	47.463	+ 9.10	+ 44.8	22 20 25.23	.....	+ 0 53 45.5	....
4	38 Pegasi	9	25 42.54	+ 0.53	− 1.98	6 45 54.57	44.953	+ 9.10	+ 6.9	22 25 41.09	− 2.89	+32 5 22.4	−31.7
5	υ Aquarii	9	29 31.28	+ 0.09	− 1.98	60 1 58.17	43.770	+ 9.10	+1 39.3	22 29 29.39	− 2.70	−21 11 46.2	−15.9
6	10 Lacertæ	9	35 1.56	+ 0.60	− 1.98	0 17 55.55	44.720	+ 9.10	+ 0.4	22 35 0.18	.....	+38 33 33.2	....
7	λ Pegasi	9	41 58.86	+ 0.45	− **1.99**	15 47 56.20	42.665	+ 9.10	+ 16.3	22 41 57.33	.....	+23 4 3.6	....
8	λ Aquarii	9	47 41.06	+ 0.20	− **2.03**	46 55 57.50	43.673	+ 9.10	+1 1.3	22 47 39.28	.....	− 8 5 5.6	....
9	α Piscis Australis	8	52 25.75	− 0.01	− 1.98	68 55 56.37	46.695	+ 9.10	+2 28.1	22 52 23.76	.....	−30 7 39.9	....
10	ο Andromedæ	9	57 34.87	+ 0.64	− 1.98	357 1 55.35	46.043	+ 9.10	− 2.9	22 57 33.53	.....	+41 49 6.4	....
11	55 Pegasi	9	2 14.68	+ 0.33	− 1.99	29 57 56.80	42.533	+ 9.10	+ 33.1	23 2 13.02	− 2.96	+ 8 53 49.3	−24.9
12	ψ³ Aquarii	9	14 2.80	+ 0.18	− 1.99	48 57 58.57	45.455	+ 9.10	+1 5.9	23 14 0.99	− 2.90	−10 7 52.0	−19.0
13	υ Pegasi	9	20 39.96	+ 0.44	− **1.95**	15 57 56.50	45.538	+ 9.10	+ 16.5	23 20 38.41	.....	+22 52 57.5	....
14	λ Andromedæ	9	32 56.98	+ 0.70	− 1.99	352 53 54.65	47.185	+ 9.10	− 7.1	23 32 55.69	.....	+45 56 45.3	....
15	ω² Aquarii	9	37 49.51	+ 0.15	− 1.99	53 53 56.50	46.103	+ 9.10	+1 18.8	23 37 47.67	.....	−15 4 17.6	....
16	41 H. Cephei	9	43 25.39	+ 1.23	− 1.99	331 33 51.75	47.978	+ 9.10	− 31.0	23 43 24.63	.....	+67 16 53.9	....
17	Groombridge 4163	9	50 16.84	+ 1.66	− 1.99	324 59 51.57	42.758	+ 9.10	− 40.2	23 50 16.51	.....	+73 53 2.6	....
18	ω Piscium	9	54 27.77	+ 0.32	− **1.98**	32 31 54.77	41.318	+ 9.10	+ 36.7	23 54 26.10	.....	+ 6 20 15.8	....
19	2 Ceti	9	58 54.23	+ 0.12	− **1.96**	56 41 56.05	44.958	+ 9.10	+1 27.5	23 58 52.36	.....	−17 51 59.4	....
20	β Cassiopeiæ	9	4 9.13	+ 0.94	− 1.99	340 13	......	....	. ....	0 4 8.08	.....	+58 37	....
21	6 B. Ursæ Minoris s. p.	9	13 46.67	−12.37	− 1.99	307 5 56.75	45.472	+ 9.10	−1 15.7	12 13 32.31	.....	+88 13 29.8	....
22	12 Ceti	9	25 13.31	+ 0.23	− **1.95**	43 19 57.42	43.740	+ 9.10	+ 54.3	0 25 11.55	.....	− 4 29 0.1	....
23	43 H. Cephei	4	55 55.72	+ 5.59	− 1.99	313 7 52.32	44.054	+ 9.10	−1 1.3	0 55 59.32	.....	+85 44 53.4	....
24	Jupiter I, C	5	26 40.07	+ 0.32	− 2.00	31 25 57.55	45.396	+ 9.10	+ 35.3	1 26 38.39	+ 1.59	+ 7 26 16.2	....
25	Jupiter II	5	26 43.25	+ 0.32	− 2.00	... .	......	....	. ....	1 26 41.57	− 1.59	.. ..	....
	November 6, M.												
26	51 H. Cephei	9	56 8.89	+ 7.79	− 2.03	311 39 54.11	47.693	+ 9.79	−1 6.3	6 56 14.65	.....	+87 11 32.3	....
27	18 Lyncis	9	7 37.91	+ 1.00	− 2.03	339 3 55.75	44.285	+ 9.79	− 22.6	7 7 36.88	− 4.87	+59 48 5.3	+24.6
28	λ Geminorum	9	12 39.33	+ 0.47	− **2.02**	22 7 58.60	46.093	+ 9.79	+ 24.2	7 12 37.77	.....	+16 42 34.3	....
29	η Canis Majoris	9	20 22.29	+ 0.10	− 2.03	67 55 59.07	44.901	+ 9.79	+2 25.5	7 20 20.36	− 2.54	−29 7 0.0	− 0.1
30	υ Geminorum	9	30 5.23	+ 0.56	− 2.03	11 43 58.15	47.505	+ 9.79	+ 12.4	7 30 3.76	− 3.21	+27 6 14.3	+16.9
31	24 Lyncis	9	34 58.69	+ 0.98	− 2.03	339 55 55.35	45.390	+ 9.79	− 21.5	7 34 57.64	.....	+58 55 39.3	....
32	κ Geminorum	9	38 43.83	+ 0.53	− **2.01**	14 13 58.17	44.368	+ 9.79	+ 15.1	7 38 42.33	.....	+24 37 23.3	....
33	4 Puppis	9	41 36.04	+ 0.24	− 2.03	53 9 57.85	45.063	+ 9.79	+1 19.1	7 41 34.25	− 2.59	−14 19 56.2	+ 4.2
34	4 B. Ursæ Minoris	7	2 54.66	+19.44	− 2.03	309 57 53.25	44.747	+ 9.79	−1 10.4	8 3 12.07	.....	+88 54 44.4	....
35	θ Cancri	8	26 11.64	+ 0.48	− 2.03	20 25 57.65	45.520	+ 9.79	+ 22.1	8 26 10.09	− 2.65	+18 24 50.5	+16.5
36	27 B. Ursæ Majoris	9	32 15.39	+ 0.86	− 2.03	345 47 56.45	48.353	+ 9.79	− 14.9	8 32 14.22	− 3.13	+53 2 23.8	+28.1
37	β Pyxidis	9	36 24.91	+ 0.04	− 2.03	73 45 59.02	45.346	+ 9.79	+3 21.3	8 36 22.92	− 2.21	−34 58 5.9	+ 0.3
38	ε Hydræ	9	41 45.75	+ 0.40	− **2.08**	32 3 58.45	46.955	+ 9.79	+ 37.1	8 41 44.12	.....	+ 6 46 1.8	....
39	ζ Hydræ	9	50 23.24	+ 0.40	− **1.99**	32 31 57.90	45.943	+ 9.79	+ 37.8	8 50 21.61	.....	+ 6 18 25.0	....
40	α Cancri	9	53 18.34	+ 0.44	− **2.06**	26 37 59.72	43.415	+ 9.79	+ 29.7	8 53 16.74	.....	+12 13 28.9	....
41	ν Cancri	9	57 11.66	+ 0.54	− 2.04	14 1 58.10	44.105	+ 9.79	+ 14.8	8 57 10.16	− 2.46	+24 49 29.6	+19.6
42	ξ Cancri	9	3 54.45	+ 0.51	− 2.04	16 25 58.00	43.515	+ 9.79	+ 17.5	9 3 52.92	− 2.39	+22 25 40.5	+18.9
	November 7, M.												
43	Sun I, S	9	48 30.07	+ 0.22	− 2.09	55 23 53.90	46.573	+ 9.65	+1 23.9	14 48 28.20	+67.62	−16 34 31.9	....
44	Sun II, N	9	50 45.31	+ 0.22	− 2.09	54 51 58.27	45.550	+ 9.65	+1 22.2	14 50 43.44	−67.62	−16 2 10.1	....
45	Venus I, C	5	1 26.32	+ 0.13	− 2.10	62 56 1.52	43.905	+ 9.64	+1 52.0	17 1 24.35	+ 0.43	−24 6 6.1	....
46	Venus II	5	1 27.06	+ 0.13	− 2.10	... .	......	....	. ....	17 1 25.09	− 0.31	.. ..	....
47	α Cygni	9	38 12.56	+ 0.72	− 2.15	353 53 57.50	47.008	+ 9.05	− 6.1	20 38 11.13	.....	+44 56 45.4	....
48	ε Aquarii	9	42 32.91	+ 0.24	− **2.15**	48 39 59.80	47.285	+ 9.05	+1 6.0	20 42 31.00	.....	− 9 50 35.1	....
49	76 Draconis	9	49 32.00	+ 3.13	− 2.15	316 41 52.75	42.987	+ 9.05	− 54.5	20 49 32.98	.....	+82 11 10.5	....
50	θ Capricorni	9	0 37.42	+ 0.17	− **2.17**	56 25 57.77	46.555	+ 9.05	+1 27.6	21 0 35.44	.....	−17 36 37.9	....
51	ν Aquarii	9	4 26.21	+ 0.22	− **2.19**	50 35 58.50	43.903	+ 9.05	+1 10.8	21 4 24.28	.....	−11 45 21.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 22 0	29.495	49.9	49.8
22 23	......	....	48.7
22 45	29.49	48.9	48.5
23 5	......	....	49.1
23 28	29.495	48.4	47.5
23 47	......	....	47.0
0 21	29.495	47.6	47.1
1 5	......	....	45.8
1 23	29.50	46.4	46.1
6 6 48	29.67	36.2	35.5
7 16	......	....	36.0
8 11	29.68	36.0	36.0
8 39	......	....	36.8
9 5	29.68	36.8	36.7
7 14 51	29.70	47.3	47.3
16 59	29.66	50.7	51.0
20 30	29.67	47.2	47.0
21 4	......	....	44.7

Micrometer bisections are made at II, VI, except as noted below.

5, 9, 18, 19, 44.	Bisections at VI, VII.
14, 16, 17, 27, 31.	Bisections at III, V.
21.	Bisections at b_3, b_4, b_5, b_6, b_7.
23.	Bisections at b_3, b_4, b_5, b_6.
24, 29, 37, 45.	Bisections at I, II, VI, VII.
24.	Z. D. threads C used.
26, 49.	Bisections at b_1, b_2, b_5, b_8, b_9.
34.	Bisections at b_2, b_3, b_5, b_7, b_8.
38.	Bisections at I, II, VI.
39.	Bisections at I, VI, VII.
43.	Bisections at I, II.

Notes.

9, 29.	Unsteady.
21.	Circle reading decreased 2′.
23.	Clouds.
26.	Microscopes read before and after observation.
37.	Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
24	+ 1.1	.. ....	...	+ 1.1
43	+ 7.3	+16 10.8	...	+16 18.1
44	+ 7.2	−16 10.9	...	−16 3.7
45	+ 5.8	.. ....	0.0	+ 5.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*G* Cephei	9	9 24.64	+ 0.99	– 2.15	339 15 55.67	44.300	+ 9.05	– 21.9	21 9 23.48	– 1.87	+59 36 4.8	–36.8
2	ι Capricorni	9	16 58.51	+ 0.18	– **2.14**	56 3 58.15	45.925	+ 9.05	+1 26.5	21 16 56.54	.....	–17 14 22.8	....
3	1 H. Draconis s. p.	8	23 33.94	– 2.31	– 2.15	300 37 52.02	44.056	+ 9.05	–1 37.8	9 23 29.48	.....	+81 44 29.6	....
4	ρ Cygni	9	30 25.86	+ 0.73	– 2.15	353 41 56.78	42.222	+ 9.05	– 6.4	21 30 24.44	– 2.30	+45 10 35.9	–35.1
5	γ Capricorni	9	34 50.84	+ 0.18	– **2.12**	55 55 58.88	43.672	+ 9.05	+1 26.1	21 34 48.87	.....	–17 5 31.7	....
6	ι Piscis Australis	9	39 18.51	+ 0.01	– 2.15	72 15 59.28	45.183	+ 9.05	+3 0.9	21 39 16.37	– 2.50	–33 27 41.4	–11.2
7	π² Cygni	9	43 18.53	+ 0.78	– 2.15	349 59 56.88	42.708	+ 9.05	– 10.2	21 43 17.16	.....	+48 52 28.4	....
8	158 B. Cephei	9	51 43.27	+ 1.62	– 2.16	325 35 53.18	46.737	+ 9.05	– 39.8	21 51 42.73	.....	+73 15 29.7	....
9	20 Pegasi	8	56 28.96	+ 0.41	– 2.16	26 11 58.32	42.165	+ 9.05	+ 28.7	21 56 27.21	– 2.53	+12 40 0.6	–27.1
10	α Aquarii	9	0 55.66	+ 0.31	– **2.17**	39 37 58.82	43.542	+ 9.05	+ 48.4	22 0 53.81	.....	– 0 46 50.9	....
11	1 H. Lacertæ	9	9 49.67	+ 0.65	– 2.16	359 35 56.35	46.638	+ 9.05	– 0.3	22 9 48.16	– 2.76	+39 14 49.3	–33.7
12	γ Aquarii	9	16 46.39	+ 0.30	– **2.13**	40 41 58.25	46.292	+ 9.05	+ 50.3	22 16 44.53	.....	– 1 51 55.2	....
	November 8, Br.												
13	Sun N	.	.. ..	.....	....	55 9 58.62	44.360	+ 9.66	+1 22.7	14 53	.....	–16 19 44.9	....
14	Sun S	.	.. ..	.....	....	55 41 57.65	45.252	+ 9.66	+1 24.3	.. ..	.....	–16 52 4.8	....
15	Venus C	.	.. ..	.....	....	63 5 58.08	42.604	+ 9.09	+1 52.0	17 6	.....	–24 15 32.3	....
	November 11, Br.												
16	ω² Aquarii	9	37 50.05	+ 0.22	– 2.62	53 53 59.15	45.920	+ 9.34	+1 21.7	23 37 47.65	.....	–15 4 19.2	....
17	19 Piscium	9	41 34.49	+ 0.36	– 2.62	35 53 58.82	42.632	+ 9.34	+ 43.2	23 41 32.23	– 3.05	+ 2 57 35.0	–21.9
18	25 Piscium	9	48 15.11	+ 0.34	– 2.62	37 15 59.02	47.385	+ 9.34	+ 45.4	23 48 12.83	– 3.07	+ 1 33 43.7	–21.2
19	ω Piscium	9	54 28.27	+ 0.38	– **2.59**	32 29 58.32	46.395	+ 9.34	+ 38.1	23 54 26.03	.....	+ 6 20 14.0	....
20	2 Ceti	9	58 54.81	+ 0.20	– **2.68**	56 41 57.82	44.725	+ 9.34	+1 30.8	23 58 52.38	.....	–17 51 59.7	....
21	6 B. Ursæ Minoris s. p.	9	13 51.06	–11.30	– 2.63	307 7 53.62	40.468	+ 9.34	–1 18.6	12 13 37.13	.....	+88 13 27.9	....
22	12 Ceti	9	25 13.86	+ 0.30	– **2.61**	43 19 59.20	43.580	+ 9.34	+ 56.4	0 25 11.53	.....	– 4 29 0.5	....
23	κ Draconis s. p.	9	29 24.37	– 0.65	– 2.63	289 13 53.02	42.262	+ 9.34	–2 49.1	12 29 21.09	.....	+70 18 38.7	....
24	δ Andromedæ	9	34 17.39	+ 0.57	– 2.63	8 29 58.92	46.942	+ 9.34	+ 9.0	0 34 15.33	.....	+30 20 29.9	....
25	147 B. Piscium	9	43 26.53	+ 0.37	– 2.63	34 3 59.58	42.970	+ 9.34	+ 40.4	0 43 24.27	.....	+ 4 47 29.3	....
26	20 Ceti	9	48 11.67	+ 0.32	– **2.64**	40 29 58.32	45.565	+ 9.34	+ 51.1	0 48 9.36	.....	– 1 39 39.7	....
27	43 H. Cephei	9	55 56.61	+ 5.25	– 2.63	313 7 54.80	43.892	+ 9.34	–1 3.5	0 55 59.23	.....	+85 44 56.2	....
28	e Piscium	9	3 31.14	+ 0.37	– 2.63	33 41 59.05	44.865	+ 9.34	+ 39.9	1 3 28.88	– 3.44	+ 5 8 46.7	–18.3
29	ζ¹ Piscium	9	8 48.66	+ 0.39	– **2.64**	31 45 58.35	46.160	+ 9.34	+ 37.0	1 8 46.42	.....	+ 7 4 20.7	....
30	υ Piscium	9	14 17.39	+ 0.54	– **2.69**	12 5 58.00	43.200	+ 9.34	+ 12.9	1 14 15.30	.....	+26 45 52.8	....
31	α Ursæ Minoris	8	25 42.30	+17.75	– 2.63	310 3 53.85	46.603	+ 9.34	–1 10.7	1 25 57.42	.....	+88 48 2.1	....
32	ε Sculptoris	9	41 14.77	+ 0.13	– 2.63	64 19 59.40	47.965	+ 9.34	+2 4.1	1 41 12.27	.....	–25 31 48.6	....
33	υ Ceti	9	55 34.63	+ 0.16	– 2.63	60 21 58.65	45.150	+ 9.34	+1 45.0	1 55 32.16	.....	–21 32 24.4	....
34	α Arietis	9	1 51.78	+ 0.50	– **2.63**	15 49 58.38	45.995	+ 9.34	+ 17.0	2 1 49.64	.....	+23 0 44.4	....
35	ξ¹ Ceti	9	8 0.56	+ 0.39	– **2.62**	30 25 58.02	47.125	+ 9.34	+ 35.2	2 7 58.31	.....	+ 8 24 0.5	....
36	γ Trianguli	9	11 42.78	+ 0.60	– 2.64	5 25 57.50	47.315	+ 9.34	+ 5.8	2 11 40.74	.....	+33 24 26.3	....
37	κ Fornacis	9	18 14.81	+ 0.14	– 2.64	63 3 57.38	46.220	+ 9.34	+1 57.5	2 18 12.31	.....	–24 15 0.1	....
38	ξ² Ceti	9	23 9.16	+ 0.39	– **2.60**	30 47 57.70	47.170	+ 9.34	+ 35.7	2 23 6.91	.....	+ 8 1 59.6	....
	November 11, Y.												
39	o Geminorum	9	32 59.48	+ 0.69	– 2.55	4 4 0.12	43.378	+ 9.73	+ 4.3	7 32 57.62	– 3.54	+34 47 54.8	+19.9
40	l Puppis	9	40 2.24	+ 0.18	– 2.55	67 32 0.18	46.308	+ 9.73	+2 25.6	7 39 59.87	– 2.62	–28 43 33.3	+ 1.5
41	φ Geminorum	9	47 42.61	+ 0.62	– **2.55**	11 50 0.18	46.648	+ 9.73	+ 12.7	7 47 40.68	.....	+27 0 31.6	....
42	Groombridge 3402 s. p.	7	54 50.30	–17.30	– 2.55	307 41 54.95	49.050	+ 9.73	–1 17.8	19 54 30.45	+52.50	+88 50 47.3	–33.5
43	173 B. Camelopardalis	9	7 36.84	+ 1.87	– 2.55	322 49 55.28	44.388	+ 9.73	– 45.7	8 7 36.16	.....	+76 2 26.4	....
44	χ Cancri	9	14 19.04	+ 0.61	– 2.55	11 19 59.68	44.540	+ 9.73	+ 12.2	8 14 17.10	– 3.02	+27 31 20.8	+19.9
45	30 Monocerotis	9	20 56.68	+ 0.39	– **2.53**	42 25 59.70	45.605	+ 9.73	+ 55.3	8 20 54.52	.....	– 3 35 46.6	....
46	Groombridge 1418	9	26 35.67	+ 4.77	– 2.55	313 27 55.12	48.750	+ 9.73	–1 3.5	8 26 37.89	–12.10	+85 23 4.9	+34.9
47	19 G. Pyxidis	9	35 0.54	+ 0.25	– 2.55	61 9 59.88	44.382	+ 9.73	+1 49.7	8 34 58.24	– 2.46	–22 20 13.2	+ 4.4
48	γ Cancri	9	37 48.71	+ 0.56	– **2.55**	17 2 0.25	46.465	+ 9.73	+ 18.6	8 37 46.72	.....	+21 48 29.8	....
49	ε Hydræ	9	41 46.35	+ 0.46	– **2.58**	32 3 57.88	47.010	+ 9.73	+ 38.0	8 41 44.26	.....	+ 6 46 0.4	....
50	ρ¹ Cancri	9	46 57.54	+ 0.62	– 2.55	10 10 0.00	44.270	+ 9.73	+ 10.9	8 46 55.61	– 2.75	+28 41 27.9	+21.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 21 35	29.68	45.0	43.8
22 5	....	....	43.4
22 14	29.69	43.8	43.1
8 14 55	29.68	49.1	49.8
17 7	29.64	53.0	54.1
11 23 34	29.91	38.9	37.0
23 52	....	....	36.5
0 19	29.91	37.7	35.9
0 58	....	....	35.8
1 33	29.91	37.0	35.9
2 27	29.91	36.0	34.9
7 25	29.855	31.1	29.7
7 45	....	....	29.7
8 12	29.85	30.3	29.0
8 45	......	....	29.1

Micrometer bisections are made at II, VI, except as noted below.

3.	Bisections at b_1, b_2, b_5, b_8, b_9.
6.	Bisections at I, II, VI.
8, 21, 23, 27.	Bisections at III, IV, V.
10.	Bisections at II, VI, VII.
13, 19, 24, 35.	Bisections at I, II.
14, 17, 25.	Bisections at VI, VII.
15.	Bisections at I, II, VI, VII.
31.	Bisections at b_2, b_5, b_8.
40, 45.	Bisections at II, VII.
42.	Bisections at b_4, b_5, b_6.
43.	Bisections at III, V.
46.	Bisections at b_5, b_6.

Notes.

6, 10. Clouds; poor.
9, 11. Clouds.
23, 31. Unsteady.
39–50. Images generally diffuse and somewhat unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
13	+ 7.3	–16 10.0	...	–16 2.7
14	+ 7.3	+16 9.9	...	+16 17.2
15	+ 5.8	.. ....	0.0	+ 5.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	60 Cancri	9	50 45.77	+ 0.49	− 2.55	26 52 0.38	43.835	+ 9.73	+ 30.7	8 50 43.71	− 2.58	+11 59 17.7	+15.8
2	44 B. Ursæ Majoris	9	57 3.31	+ 0.92	− 2.56	344 11 56.40	46.260	+ 9.73	− 17.0	8 57 1.67	− 3.02	+54 39 14.0	+30.0
3	ω Hydræ	9	0 59.81	+ 0.45	− 2.56	33 21 59.05	46.102	+ 9.73	+ 39.8	9 0 57.70	− 2.48	+ 5 28 18.2	+13.7
4	98 B. Cephei s. p.	9	7 30.17	− 1.13	− 2.56	296 37 54.42	45.870	+ 9.73	−1 59.5	21 7 26.48	.....	+77 44 52.4	....
5	83 Cancri	8	13 41.96	+ 0.53	− 2.52	20 43 57.50	46.625	+ 9.73	+ 22.9	9 13 39.93	.....	+18 6 24.6	....
6	28 Hydræ	9	20 40.59	+ 0.38	− 2.56	43 31 59.72	47.178	+ 9.73	+ 57.4	9 20 38.41	− 2.32	− 4 42 24.7	+10.5
7	ξ Leonis	9	26 50.79	+ 0.49	− 2.57	27 8 0.02	44.088	+ 9.73	+ 31.0	9 26 48.72	.....	+11 43 12.0	....
	November 14, M.												
8	θ Capricorni	9	0 35.83	+ 0.31	− 0.82	56 26 0.75	46.380	+10.37	+1 28.6	21 0 35.36	.....	−17 36 39.3	....
9	ν Aquarii	9	4 24.63	+ 0.35	− 0.85	50 36 0.38	43.748	+10.37	+1 11.6	21 4 24.20	.....	−11 45 21.8	....
10	G Cephei	9	9 22.99	+ 0.99	− 0.78	339 15 56.88	44.165	+10.37	− 22.2	21 9 23.20	− 1.58	+59 36 5.7	−36.9
11	ι Capricorni	9	16 56.96	+ 0.31	− 0.83	56 3 57.75	45.878	+10.37	+1 27.5	21 16 56.49	.....	−17 14 23.7	....
12	1 H. Draconis s. p.	7	23 33.46	− 1.74	− 0.78	300 37 52.98	43.962	+10.37	−1 38.9	9 23 30.94	.....	+81 44 29.6	....
13	Moon I, S.	9	31 39.68	+ 0.35	− 0.78	52 7 58.58	44.703	+10.37	+1 15.8	21 31 39.25	+63.15	−13 17 46.0	....
14	ι Piscis Australis	9	39 16.93	+ 0.17	− 0.78	72 15 57.42	45.135	+10.37	+3 3.0	21 39 16.32	− 2.38	−33 27 41.8	−10.9
15	π² Cygni	9	43 16.94	+ 0.82	− 0.78	349 59 55.50	42.715	+10.37	− 10.3	21 43 16.98	.....	+48 52 28.4	....
16	158 B. Cephei	8	51 41.43	+ 1.51	− 0.78	325 35 52.90	46.662	+10.37	− 40.2	21 51 42.16	.....	+73 15 30.4	....
17	20 Pegasi	9	56 27.41	+ 0.50	− 0.78	26 11 56.62	42.188	+10.37	+ 29.1	21 56 27.13	− 2.42	+12 40 0.1	−26.9
18	α Aquarii	9	0 54.07	+ 0.42	− 0.79	39 37 55.92	43.605	+10.37	+ 48.9	22 0 53.71	.....	− 0 46 51.4	....
19	1 H. Lacertæ	9	9 48.07	+ 0.71	− 0.79	359 35 55.65	46.595	+10.37	− 0.3	22 9 47.99	− 2.61	+39 14 49.7	−34.0
20	γ Aquarii	9	16 44.85	+ 0.41	− 0.80	40 41 54.45	46.420	+10.37	+ 50.9	22 16 44.47	.....	− 1 51 56.2	....
21	π Aquarii	9	20 25.43	+ 0.43	− 0.83	37 55 55.70	47.420	+10.37	+ 46.2	22 20 25.07	.....	+ 0 53 44.4	....
22	38 Pegasi	9	25 41.17	+ 0.65	− 0.79	6 45 52.45	44.992	+10.37	+ 7.1	22 25 41.03	− 2.73	+32 5 22.1	−32.1
23	υ Aquarii	9	29 29.78	+ 0.28	− 0.79	60 1 55.60	43.752	+10.37	+1 42.5	22 29 29.27	− 2.56	−21 11 47.9	−15.2
24	10 Lacertæ	9	35 0.13	+ 0.70	− 0.79	0 17 53.38	44.775	+10.37	+ 0.4	22 35 0.04	.....	+38 33 32.8	....
25	λ Pegasi	9	41 57.37	+ 0.58	− 0.76	15 47 54.78	42.662	+10.37	+ 16.8	22 41 57.16	.....	+23 4 3.3	....
26	λ Aquarii	9	47 39.54	+ 0.38	− 0.81	46 55 55.08	43.780	+10.37	+1 3.4	22 47 39.13	.....	− 8 5 9.0	....
27	α Piscis Australis	9	52 24.13	+ 0.20	− 0.79	68 55 56.28	46.489	+10.37	+2 33.1	22 52 23.54	.....	−30 7 41.7	....
28	ο Andromedæ	9	57 33.40	+ 0.74	− 0.79	357 1 54.15	46.025	+10.37	− 3.0	22 57 33.35	.....	+41 49 6.9	....
29	55 Pegasi	9	2 13.25	+ 0.48	− 0.79	29 57 55.25	42.525	+10.37	+ 34.2	23 2 12.94	− 2.85	+ 8 53 48.7	−24.8
	November 14, Br.												
30	24 Lyncis	9	34 58.09	+ 0.94	− 0.94	339 55 54.72	45.398	+ 9.92	− 21.9	7 34 58.09	.....	+58 55 40.0	....
31	φ Geminorum	9	47 41.08	+ 0.58	− 0.88	11 49 56.45	46.810	+ 9.92	+ 12.7	7 47 40.72	.....	+27 0 31.4	....
32	3 Cancri	9	55 20.86	+ 0.52	− 0.94	21 15 56.20	47.652	+ 9.92	+ 23.5	7 55 20.44	− 3.12	+17 34 1.7	+16.0
33	4 B. Ursæ Minoris	6	3 6.95	+16.45	− 0.94	309 57 52.32	44.808	+ 9.92	−1 11.4	8 3 22.46	.....	+88 54 45.3	....
34	d¹ Cancri	9	17 55.50	+ 0.52	− 0.94	20 11 55.90	47.468	+ 9.92	+ 22.2	8 17 55.08	.....	+18 38 7.5	....
35	30 Monocerotis	9	20 55.13	+ 0.39	− 0.89	42 25 55.50	45.855	+ 9.92	+ 55.0	8 20 54.58	.....	− 3 35 47.8	....
36	θ Cancri	9	26 10.78	+ 0.52	− 0.94	20 25 55.40	45.618	+ 9.92	+ 22.5	8 26 10.36	− 2.91	+18 24 50.0	+17.6
37	27 B. Ursæ Majoris	9	32 14.69	+ 0.84	− 0.94	345 47 54.90	48.445	+ 9.92	− 15.1	8 32 14.59	− 3.52	+53 2 23.5	+28.8
38	ε Hydræ	9	41 44.82	+ 0.45	− 0.95	32 3 56.15	47.078	+ 9.92	+ 37.8	8 41 44.32	.....	+ 6 46 0.6	....
39	76 Draconis s. p.	9	49 35.41	− 1.78	− 0.95	301 3 51.95	45.945	+ 9.92	−1 39.2	20 49 32.68	.....	+82 11 12.0	....
40	ν Cancri	9	57 10.76	+ 0.57	− 0.95	14 1 56.15	44.198	+ 9.92	+ 15.1	8 57 10.38	− 2.73	+24 49 29.0	+20.8
41	ξ Cancri	9	3 53.49	+ 0.55	− 0.95	16 25 56.82	43.550	+ 9.92	+ 17.8	9 3 53.09	− 2.66	+22 25 40.5	+20.2
42	θ Hydræ	9	9 25.30	+ 0.43	− 0.94	36 7 55.68	44.415	+ 9.92	+ 44.0	9 9 24.78	.....	+ 2 42 55.4	....
43	83 Cancri	9	13 40.41	+ 0.52	− 0.86	20 43 55.25	46.675	+ 9.92	+ 22.9	9 13 39.98	.....	+18 6 25.6	....
44	1 H. Draconis	9	23 29.56	+ 2.53	− 0.95	317 7 52.92	44.852	+ 9.92	− 55.7	9 23 31.14	.....	+81 44 27.9	....
45	160 G. Hydræ	9	28 50.27	+ 0.27	− 0.95	59 31 56.18	43.188	+ 9.92	+1 42.3	9 28 49.59	− 2.34	−20 41 35.0	+ 6.0
46	89 B. Ursæ Majoris	9	34 4.95	+ 1.26	− 0.95	329 11 53.30	45.455	+ 9.92	− 35.8	9 34 5.26	− 2.73	+69 39 54.0	+34.5
47	14 Leonis Minoris	9	40 36.85	+ 0.75	− 0.95	353 17 55.75	46.075	+ 9.92	− 7.0	9 40 36.65	− 2.40	+45 33 8.7	+28.4
48	23 Leonis	9	45 53.12	+ 0.49	− 0.95	25 19 56.25	45.932	+ 9.92	+ 28.6	9 45 52.66	− 2.30	+13 30 35.8	+17.6
	November 15, Br.												
49	Sun I, S.	9	20 56.23	+ 0.27	− 0.99	57 35 57.80	47.010	+10.11	+1 32.6	15 20 55.51	+68.60	−18 46 54.9	....
50	Sun II, N.	9	23 13.43	+ 0.27	− 0.99	57 4 6.00	45.705	+10.11	+1 30.7	15 23 12.71	−68.60	−18 14 30.4	....
51	Mercury C, C.	9	57 36.57	+ 0.24	− 1.00	60 35 57.20	46.690	+ 8.64	+1 43.9	15 57 35.81	0.00	−21 46 56.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 9 12	29.84	30.2	29.8
9 30	29.835	30.8	30.3
14 20 58	29.75	40.7	40.6
21 29	......	....	39.8
21 49	......	....	39.9
22 10	29.81	39.6	39.4
22 [illegible]	......	....	38.7
23 4	29.83	38.7	38.6
7 35	[illegible]	34.8	34.2
8 4	......	....	34.2
8 36	29.995	34.0	33.8
9 7	......	....	33.8
9 49	30.01	33.1	32.6
15 15 23	30.045	45.2	45.7
15 58	30.035	46.6	47.0

Micrometer bisections are made at II, VI, except as noted below.

2, 4, 30, 37, 39, 44, 46, 47. Bisections at III, V.
12. Bisections at b_1, b_2, b_5, b_8, b_9.
13. Bisections at II, III, IV, V, VI.
14, 27, 51. Bisections at I, II, VI, VII.
33. Bisections at b_4, b_5, b_6.
35. Bisection at VI.
42, 49. Bisections at I, II.
50. Bisections at VI, VII.

Notes.

1–7. Images generally diffuse and unsteady.
8–29. Conditions poor.
30–48. Unsteady.
41, 48. Revolutions of micrometer reading assumed.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
13	+43 0.9	+14 54.9	...	+57 55.8
49	+ 7.5	+16 12.2	...	+16 19.7
50	+ 7.4	−16 12.2	...	−16 4.8
51	+ 5.4	.. ....	0.0	+ 5.4

No.	Date Observer and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, C	9	44 23.56	+ 0.22	− 1.00	63 49 57.05	47.841	+ 8.64	+1 58.2	17 44 22.78	+ 0.48	−25 1 36.7	....
2	Venus II	9	44 24.36	+ 0.22	− 1.00	... .	......	....	. ....	17 44 23.58	− 0.32	.. ..	....
3	γ Aquarii	9	16 45.12	+ 0.36	− **1.03**	40 41 56.20	46.385	+ 8.54	+ 50.9	22 16 44.44	.....	− 1 51 55.3	....
4	Moon I, S	6	20 1.06	+ 0.32	− 1.04	48 51 57.65	47.606	+ 8.54	+1 7.8	22 20 0.34	+62.06	−10 2 41.5	....
5	υ Aquarii	8	29 30.06	+ 0.23	− 1.04	60 1 56.78	43.740	+ 8.54	+1 42.4	22 29 29.25	− 2.55	−21 11 46.6	−15.1
6	10 Lacertæ	9	35 0.34	+ 0.63	− 1.04	0 17 54.82	44.750	+ 8.54	+ 0.4	22 34 59.93	.....	+38 33 33.8	....
7	λ Pegasi	9	41 57.66	+ 0.51	− **0.99**	15 47 56.10	42.622	+ 8.54	+ 16.8	22 41 57.13	.....	+23 4 4.8	....
8	λ Aquarii	9	47 39.86	+ 0.32	− **1.08**	46 55 56.82	43.742	+ 8.54	+1 3.4	22 47 39.14	.....	− 8 5 8.1	....
9	α Piscis Australis	9	52 24.47	+ 0.15	− 1.04	68 55 56.60	46.570	+ 8.54	+2 33.1	22 52 23.58	.....	−30 7 42.1	....
10	ο Andromedæ	9	57 33.64	+ 0.66	− 1.04	357 1 54.58	46.050	+ 8.54	− 3.0	22 57 33.26	.....	+41 49 7.8	....
11	55 Pegasi	9	2 13.52	+ 0.42	− 1.05	29 57 56.88	42.510	+ 8.54	+ 34.2	23 2 12.89	− 2.83	+ 8 53 49.2	−24.7
12	φ Aquarii	9	9 24.61	+ 0.33	− **1.09**	45 23 57.00	45.375	+ 8.54	+1 0.1	23 9 23.89	.....	− 6 33 42.5	....
13	ψ³ Aquarii	9	14 1.64	+ 0.31	− 1.05	48 57 57.70	45.432	+ 8.54	+1 8.1	23 14 0.90	− 2.78	−10 7 52.2	−18.3
14	υ Pegasi	9	20 38.83	+ 0.51	− **1.01**	15 57 56.32	45.502	+ 8.54	+ 17.0	23 20 38.29	.....	+22 52 58.6	....
15	λ Draconis s. p.	9	25 43.91	− 0.41	− 1.05	288 45 50.68	43.805	+ 8.54	−2 52.3	11 25 42.45	.....	+69 51 7.6	....
16	λ Andromedæ	9	32 55.78	+ 0.70	− 1.05	352 53 53.80	47.170	+ 8.54	− 7.3	23 32 55.43	.....	+45 56 47.3	....
17	ω² Aquarii	9	37 48.34	+ 0.28	− 1.05	53 53 56.55	46.055	+ 8.54	+1 21.4	23 37 47.57	.....	−15 4 18.9	....
18	19 Piscium	8	41 32.83	+ 0.39	− 1.05	35 53 56.62	42.765	+ 8.54	+ 43.0	23 41 32.17	− 3.01	+ 2 57 34.9	−21.7
19	25 Piscium	9	48 13.44	+ 0.38	− 1.05	37 15 56.00	47.572	+ 8.54	+ 45.3	23 48 12.77	− 3.03	+ 1 33 43.6	−21.0
20	ω Piscium	9	54 26.65	+ 0.41	− **1.04**	32 29 56.32	46.510	+ 8.54	+ 37.9	23 54 26.01	.....	+ 6 20 14.7	....
21	2 Ceti	9	58 53.09	+ 0.25	− **1.05**	56 41 55.40	44.910	+ 8.54	+1 30.4	23 58 52.29	.....	−17 52 0.3	....
22	β Cassiopeiæ	9	4 8.08	+ 0.88	− 1.05	340 13 53.50	45.328	+ 8.54	− 21.3	0 4 7.91	.....	+58 37 43.7	....
23	12 Ceti	.	.. ..	....	....	43 19 56.28	43.732	+ 8.54	+ 56.1	0 25	.....	− 4 29 0.0	....
24	κ Draconis s. p.	8	29 22.58	− 0.43	− 1.05	289 13 50.75	42.210	+ 8.54	−2 48.4	12 29 21.10	.....	+70 18 35.1	....
25	21 Cassiopeiæ	9	39 25.93	+ 1.47	− 1.05	324 23 52.82	44.868	+ 8.54	− 42.4	0 39 26.35	.....	+74 28 15.8	....
26	147 B. Piscium	9	43 24.83	+ 0.40	− 1.05	34 3 56.52	43.110	+ 8.54	+ 40.3	0 43 24.18	.....	+ 4 47 29.8	....
27	20 Ceti	9	48 10.06	+ 0.36	− **1.09**	40 29 56.18	45.702	+ 8.54	+ 50.9	0 48 9.37	.....	− 1 39 39.7	....
	November 16, M.												
28	Sun I, N	8	25 3.50	+ 0.25	− 1.04	57 19 56.78	43.915	+10.01	+1 30.6	15 25 2.71	+68.67	−18 29 41.1	....
29	Sun II, S	9	27 20.85	+ 0.25	− 1.04	57 51 57.25	44.895	+10.01	+1 32.4	15 27 20.06	−68.68	−19 2 4.7	....
30	Mercury C, C	9	4 3.11	+ 0.22	− 1.04	60 59 57.60	46.276	+10.41	+1 44.4	16 4 2.29	+ 0.01	−22 10 49.5	....
31	Venus I, C	9	49 47.61	+ 0.20	− 1.05	63 53 57.98	46.879	+10.41	+1 57.2	17 49 46.76	+ 0.45	−25 5 16.5	....
32	Venus II	9	49 48.36	+ 0.20	− 1.05	... .	......	....	. ....	17 49 47.51	− 0.30	.. ..	....
33	α Aquarii	9	0 54.39	+ 0.33	− **1.04**	39 37 56.82	43.655	+ 9.40	+ 48.2	22 0 53.64	.....	− 0 46 51.7	....
34	27 Pegasi	9	5 1.33	+ 0.57	− 1.08	6 7 54.12	46.788	+ 9.40	+ 6.3	22 5 0.82	− 2.49	+32 42 41.2	−32.5
35	1 H. Lacertæ	9	9 48.42	+ 0.63	− 1.08	359 35 53.25	46.755	+ 9.40	− 0.3	22 9 47.97	− 2.56	+39 14 49.6	−34.0
36	γ Aquarii	9	16 45.21	+ 0.33	− **1.10**	40 41 55.48	46.445	+ 9.40	+ 50.1	22 16 44.46	.....	− 1 51 56.0	....
37	π Aquarii	9	20 25.78	+ 0.34	− **1.11**	37 55 54.52	47.548	+ 9.40	+ 45.4	22 20 25.04	.....	+ 0 53 44.4	....
38	38 Pegasi	9	25 41.51	+ 0.57	− 1.08	6 45 54.60	44.962	+ 9.40	+ 6.8	22 25 41.00	− 2.69	+32 5 21.9	−32.1
39	υ Aquarii	9	29 30.14	+ 0.19	− 1.09	60 1 56.48	43.828	+ 9.40	+1 40.7	22 29 29.24	− 2.53	−21 11 47.8	−15.0
40	10 Lacertæ	9	35 0.40	+ 0.62	− 1.09	0 17 54.08	44.775	+ 9.40	+ 0.4	22 34 59.93	.....	+38 33 33.1	....
41	λ Pegasi	9	41 57.75	+ 0.49	− **1.07**	15 47 54.65	42.712	+ 9.40	+ 16.5	22 41 57.15	.....	+23 4 3.6	....
42	λ Aquarii	9	47 39.89	+ 0.29	− **1.09**	46 55 56.50	43.818	+ 9.40	+1 2.3	22 47 39.09	.....	− 8 5 9.2	....
43	α Piscis Australis	9	52 24.51	+ 0.10	− 1.09	68 55 55.85	46.660	+ 9.40	+2 30.4	22 52 23.52	.....	−30 7 41.5	....
44	ο Andromedæ	9	57 33.71	+ 0.66	− 1.09	357 1 53.18	46.102	+ 9.40	− 2.9	22 57 33.28	.....	+41 49 7.0	....
45	Moon I, S	9	7 4.07	+ 0.31	− 1.09	45 15 56.85	45.708	+ 9.40	+ 58.8	23 7 3.29	+61.37	− 6 25 49.2	....
46	ψ³ Aquarii	9	14 1.76	+ 0.27	− 1.09	48 57 57.78	45.528	+ 9.40	+1 6.9	23 14 0.94	− 2.77	−10 7 54.2	−18.2
47	υ Pegasi	9	20 38.91	+ 0.49	− **1.09**	15 57 55.60	45.582	+ 9.40	+ 16.7	23 20 38.31	.....	+22 52 56.9	....
48	λ Draconis s. p.	9	25 43.84	− 0.52	− 1.09	288 45 50.10	43.677	+ 9.40	−2 49.2	11 25 42.23	.....	+69 51 8.0	....
49	λ Andromedæ	9	32 55.78	+ 0.70	− 1.09	352 55 52.60	41.965	+ 9.40	− 7.2	23 32 55.39	.....	+45 56 46.5	....
50	ω² Aquarii	9	37 48.40	+ 0.24	− 1.09	53 53 55.78	46.185	+ 9.40	+1 19.9	23 37 47.55	.....	−15 4 20.2	....
51	19 Piscium	9	41 32.96	+ 0.36	− 1.09	35 53 54.88	42.858	+ 9.40	+ 42.2	23 41 32.23	− 3.00	+ 2 57 34.4	−21.6
52	25 Piscium	9	48 13.54	+ 0.38	− 1.09	37 15 54.92	47.645	+ 9.40	+ 44.4	23 48 12.83	− 3.02	+ 1 33 42.8	−20.9
53	ω Piscium	9	54 26.74	+ 0.38	− **1.11**	32 29 54.72	46.610	+ 9.40	+ 37.2	23 54 26.03	.....	+ 6 20 13.8	....
54	2 Ceti	9	58 53.17	+ 0.21	− **1.10**	56 41 56.30	44.948	+ 9.40	+1 28.7	23 58 52.29	.....	−17 52 1.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 17 44	30.005	49.9	49.8
22 12	29.98	42.9	42.0
22 38	......	....	41.2
23 6	29.98	41.1	41.0
23 27	......	....	40.2
0 7	29.985	40.5	39.5
0 31	......	....	39.0
0 50	29.98	39.9	38.8
16 15 27	30.035	49.5	51.1
16 4	30.02	50.3	52.3
17 50	30.00	53.2	55.2
22 1	......	....	51.4
22 8	30.05	49.0	....
22 23	......	....	51.0
22 58	30.07	49.2	50.8
23 29	......	....	50.5
0 5	30.09	49.6	50.0

Micrometer bisections are made at II, VI, except as noted below.

1, 30, 31, 43. Bisections at I, II, VI, VII.
4, 45. Bisections at II, III, IV, V, VI.
5, 19, 29, 35, 49. Bisections at VI, VII.
10, 15, 16, 22, 25. Bisections at III, V.
12, 17, 28. Bisections at I, II.
24. Bisections at b_3, b_7.
48. Bisections at II, IV, V.

Notes.

19, 20. Revolutions of micrometer reading assumed.
20. Woolly.
21. Clouds.
48. Very poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.0	.. ....	0.0	+ 6.0
4	+40 48.2	+14 49.7	...	+55 37.9
28	+ 7.5	−16 11.8	...	−16 4.3
29	+ 7.5	+16 11.8	...	+16 19.3
30	+ 5.5	.. ....	0.0	+ 5.5
31	+ 6.0	.. ....	0.0	+ 6.0
45	+38 22.4	+14 47.5	...	+53 9.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	November 16, Y.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	f Puppis	9	33 52.74	+ 0.07	− 1.12	73 33 57.65	42.968	+ 9.42	+3 22.3	7 33 51.69	− 2.74	−34 45 9.9	+ 1.1
2	κ Geminorum	9	38 43.27	+ 0.54	− **1.14**	14 13 56.25	44.448	+ 9.42	+ 15.4	7 38 42.69	.....	+24 37 23.4	....
3	φ Geminorum	9	47 41.40	+ 0.57	− **1.12**	11 49 56.00	46.878	+ 9.42	+ 12.7	7 47 40.85	.....	+27 0 30.8	....
4	3 Cancri	8	55 21.10	+ 0.49	− 1.12	21 15 56.32	47.645	+ 9.42	+ 23.6	7 55 20.47	− 3.18	+17 34 2.1	+16.1
5	4 B. Ursæ Minoris	6	3 6.90	+19.61	− 1.13	309 57 52.72	44.866	+ 9.42	−1 11.7	8 3 25.38	.....	+88 54 44.2	....
6	β Cancri	9	11 22.28	+ 0.43	− **1.13**	29 21 56.42	45.640	+ 9.42	+ 34.0	8 11 21.58	.....	+ 9 28 37.5	....
7	d^1 Cancri	9	17 55.77	+ 0.50	− 1.13	20 11 56.48	47.452	+ 9.42	+ 22.3	8 17 55.14	.....	+18 38 7.7	....
8	30 Monocerotis	9	20 55.49	+ 0.35	− **1.15**	42 25 56.45	45.770	+ 9.42	+ 55.2	8 20 54.71	.....	− 3 35 46.7	....
9	θ Cancri	9	26 11.01	+ 0.50	− 1.13	20 25 54.82	45.655	+ 9.42	+ 22.6	8 26 10.38	− 2.98	+18 24 50.1	+17.8
10	27 B. Ursæ Majoris	9	32 14.99	+ 0.87	− 1.13	345 48	......	....	. ....	8 32 14.73	− 3.62	+53 2	....
11	β Pyxidis	9	36 24.26	+ 0.09	− 1.13	73 45 56.32	45.328	+ 9.42	+3 25.6	8 36 23.22	− 2.55	−34 58 6.8	+ 2.0
12	76 Draconis s. p.	9	49 34.81	− 2.20	− 1.13	301 3 49.98	46.090	+ 9.42	−1 39.7	20 49 31.48	.....	+82 11 12.3	....
13	ν Cancri	9	57 11.01	+ 0.55	− 1.13	14 1 55.72	44.270	+ 9.42	+ 15.2	8 57 10.43	− 2.80	+24 49 28.2	+21.1
14	ξ Cancri	9	3 53.79	+ 0.53	− 1.13	16 25 56.35	43.622	+ 9.42	+ 17.9	9 3 53.19	− 2.72	+22 25 39.7	+20.4
15	θ Hydræ	9	9 25.55	+ 0.40	− **1.10**	36 7 56.95	44.422	+ 9.42	+ 44.2	9 9 24.82	.....	+ 2 42 54.6	....
16	83 Cancri	9	13 40.74	+ 0.50	− **1.10**	20 43 55.35	46.742	+ 9.42	+ 23.0	9 13 40.11	.....	+18 6 24.3	....
17	28 Hydræ	9	20 39.34	+ 0.35	− 1.13	43 31 57.40	47.302	+ 9.42	+ 57.6	9 20 38.56	− 2.48	− 4 42 25.1	+11.2
18	160 G. Hydræ	9	28 50.61	+ 0.23	− 1.13	59 31 56.48	43.140	+ 9.42	+1 42.8	9 28 49.71	− 2.40	−20 41 34.2	+ 6.2
19	89 B. Ursæ Majoris	9	34 5.11	+ 1.33	− 1.13	329 11 52.10	45.580	+ 9.42	− 36.0	9 34 5.31	− 2.88	+69 39 53.1	+34.7
20	14 Leonis Minoris	8	40 37.13	+ 0.75	− 1.13	353 17 54.82	46.202	+ 9.42	− 7.0	9 40 36.75	− 2.48	+45 33 7.2	+28.6
21	23 Leonis	9	45 53.44	+ 0.47	− 1.13	25 19 56.15	46.000	+ 9.42	+ 28.8	9 45 52.78	− 2.36	+13 30 34.7	+17.8
22	π Leonis	9	55 11.49	+ 0.44	− **1.15**	30 19 56.15	47.240	+ 9.42	+ 35.6	9 55 10.79	.....	+ 8 29 59.6	....
	November 17, Y.												
23	Sun I, N.	9	29 11.71	+ 0.26	− 1.18	57 33 57.08	45.892	+ 9.79	+1 33.7	15 29 10.79	+68.77	−18 44 29.4	....
24	Sun II, S.	7	31 29.24	+ 0.26	− 1.18	58 5 57.05	46.920	+ 9.79	+1 35.6	15 31 28.32	−68.76	−19 16 53.8	....
25	Mercury C, C.	9	10 31.03	+ 0.23	− 1.18	61 21 56.10	48.005	+ 9.25	+1 49.0	16 10 30.08	+ 0.01	−22 33 31.1	....
26	Venus I, C.	5	55 12.02	+ 0.21	− 1.19	63 57 59.45	43.752	+ 9.25	+2 0.9	17 55 11.04	+ 0.43	−25 8 9.0	....
27	Venus II	5	55 12.73	+ 0.21	− 1.19	... .	......	....	. ....	17 55 11.75	− 0.28	.. ..	....
28	β Piscium	9	59 3.09	+ 0.40	− 1.23	35 31 57.48	45.440	+ 9.06	+ 43.1	22 59 2.26	− 2.75	+ 3 18 32.5	−22.9
29	55 Pegasi	9	2 13.69	+ 0.44	− 1.23	29 57 57.70	42.422	+ 9.06	+ 34.8	23 2 12.90	− 2.81	+ 8 53 49.6	−24.6
30	φ Aquarii	9	9 24.76	+ 0.33	− **1.26**	45 23 58.30	45.290	+ 9.06	+1 1.2	23 9 23.86	.....	− 6 33 43.2	....
31	ψ^3 Aquarii	9	14 1.79	+ 0.30	− 1.23	48 57 58.78	45.335	+ 9.06	+1 9.4	23 14 0.86	− 2.75	−10 7 52.9	−18.1
32	υ Pegasi	9	20 38.97	+ 0.54	− **1.21**	15 57 57.00	45.450	+ 9.06	+ 17.3	23 20 38.28	.....	+22 52 58.2	....
33	λ Draconis s. p.	9	25 44.19	− 0.63	− 1.23	288 45 50.90	43.940	+ 9.06	−2 55.4	11 25 42.33	.....	+69 51 8.3	....
34	λ Andromedæ	8	32 55.94	+ 0.78	− 1.23	352 55 54.22	41.892	+ 9.06	− 7.4	23 32 55.49	.....	+45 56 46.9	....
35	ω^2 Aquarii	9	37 48.48	+ 0.26	− 1.23	53 53 57.25	45.960	+ 9.06	+1 22.8	23 37 47.51	.....	−15 4 19.1	....
36	19 Piscium	9	41 33.01	+ 0.40	− 1.23	35 53 56.68	42.690	+ 9.06	+ 43.8	23 41 32.18	− 2.99	+ 2 57 35.2	−21.5
37	25 Piscium	8	48 13.63	+ 0.38	− 1.23	37 17 58.90	42.120	+ 9.06	+ 46.1	23 48 12.78	− 3.01	+ 1 33 44.0	−20.8
38	Moon I, S.	9	53 30.22	+ 0.37	− 1.23	41 25 55.58	44.259	+ 9.06	+ 53.4	23 53 29.36	+61.14	− 2 35 8.1	....
39	5 Ceti	9	3 21.08	+ 0.35	− 1.23	41 47 55.70	48.078	+ 9.06	+ 54.2	0 3 20.20	− 3.04	− 2 58 37.3	−18.9
40	6 B. Ursæ Minoris s. p.	9	13 51.33	−11.62	− 1.23	307 5 50.22	45.790	+ 9.06	−1 19.6	12 13 38.48	.....	+88 13 25.4	....
41	12 Ceti	9	25 12.39	+ 0.34	− **1.22**	43 19 57.55	43.658	+ 9.06	+ 57.1	0 25 11.50	.....	− 4 29 1.1	....
42	κ Draconis s. p.	9	29 23.06	− 0.66	− 1.23	289 13 51.08	42.362	+ 9.06	−2 51.5	12 29 21.17	.....	+70 18 36.3	....
43	α Cassiopeiæ	7	35 8.60	+ 0.95	− 1.23	342 49 54.32	46.788	+ 9.06	− 18.6	0 35 8.32	.....	+56 1 6.3	....
44	21 Cassiopeiæ	9	39 25.74	+ 1.74	− 1.23	324 23 52.65	44.938	+ 9.06	− 43.2	0 39 26.25	.....	+74 28 14.7	....
45	ν Andromedæ	9	44 35.78	+ 0.71	− 1.23	358 17 56.42	44.230	+ 9.06	− 1.7	0 44 35.26	.....	+40 33 45.7	....
46	43 H. Cephei	9	55 53.28	+ 5.42	− 1.24	313 7 51.95	44.032	+ 9.06	−1 4.4	0 55 57.46	.....	+85 44 57.4	....
47	ζ^1 Piscium	9	8 47.19	+ 0.43	− **1.24**	31 45 56.25	46.250	+ 9.06	+ 37.6	1 8 46.38	.....	+ 7 4 20.5	....
48	υ Piscium	9	14 15.87	+ 0.58	− **1.23**	12 5 56.98	43.205	+ 9.06	+ 13.0	1 14 15.21	.....	+26 45 53.8	....
49	Jupiter I, C.	5	21 53.02	+ 0.43	− 1.24	31 47 56.95	46.239	+ 9.06	+ 37.7	1 21 52.21	+ 1.53	+ 7 0 37.0	....
50	Jupiter II	5	21 56.08	+ 0.43	− 1.24	... .	......	....	. ....	1 21 55.27	− 1.53	.. ..	....
	November 18, Br.												
51	Sun I	9	33 20.65	+ 0.30	− 1.41	58 4	......	....	. ....	15 33 19.54	+68.92	.. ..	....
52	Sun II	9	35 38.48	+ 0.30	− 1.41	... .	......	....	. ....	15 35 37.37	−68.91	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 7 29	30.19	[illegible]	36.1
7 51	....	....	35.7
8 15	[illegible]	36.8	35.3
8 44	....	....	[illegible]
9 7	....	....	34.5
9 38	30.215	35.0	33.5
9 58	30.225	34.0	33.0
17 15 31	30.265	43.8	42.7
16 11	30.26	44.1	42.9
17 55	30.23	45.7	44.8
22 51	30.21	37.6	36.2
23 19	....	....	35.5
23 46	30.20	35.3	34.8
0 22	....	....	34.1
0 49	30.20	34.1	33.7
1 26	30.195	33.7	[illegible]

Micrometer bisections are made at II, VI, except as noted below.

5, 46. Bisections at b_3, b_4, b_5, b_6, b_7.
8. Bisections at II, VII.
12, 19, 20, 33, 42–45. Bisections at III, V.
23. Bisections at I, II.
24, 28, 29, 37. Bisections at VI, VII.
25. Bisections at I, II, VII.
26, 49. Bisections at I, II, VI, VII.
38. Bisections at I, II, III, IV, VI.
40. Bisections at b_3, b_4, b_5, b_6, b_7.
49. Z. D. threads Á used.

Notes.

1. Fuzzy and unsteady.
11. Faint and unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+ 7.5	−16 12.2	...	−16 4.7
24	+ 7.5	+16 12.2	...	+16 19.7
25	+ 5.5	.. ....	0.0	+ 5.5
26	+ 6.1	.. ....	0.0	+ 6.1
38	+35 45.2	+14 48.1	...	+50 33.3
49	+ 1.2	.. ....	...	+ 1.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, C	9	0 36.56	+ 0.24	− 1.42	63 59 58.98	44.228	+ 9.83	+2 0.2	18 0 35.38	+ 0.44	−25 10 19.3	....
2	Venus II	9	0 37.28	+ 0.24	− 1.42	... .	......	....	. ....	18 0 36.10	− 0.28	.. ..	....
3	Moon I, S	9	40 2.60	+ 0.43	− 1.43	37 29 58.65	42.742	+ 9.35	+ 45.6	0 40 1.60	+61.40	+ 1 21 30.0	....
4	43 H. Cephei	8	55 53.95	+ 4.86	− 1.44	313 7 54.70	43.765	+ 9.35	−1 3.1	0 55 57.37	.....	+85 44 58.8	....
5	*e* Piscium	9	3 29.81	+ 0.45	− 1.44	33 41 58.25	44.920	+ 9.35	+ 39.6	1 3 28.82	− 3.41	+ 5 8 46.6	−18.0
6	ζ^1 Piscium	9	8 47.35	+ 0.46	− **1.43**	31 45 58.02	46.195	+ 9.35	+ 36.8	1 8 46.37	.....	+ 7 4 20.5	....
7	υ Piscium	9	14 16.06	+ 0.60	− **1.44**	12 5 58.15	43.165	+ 9.35	+ 12.8	1 14 15.22	.....	+26 45 53.5	....
8	Jupiter I, C	5	21 32.86	+ 0.46	− 1.44	31 51 58.28	40.299	+ 9.35	+ 36.9	1 21 31.88	+ 1.58	+ 6 58 51.9	....
9	Jupiter II	5	21 36.03	+ 0.46	− 1.44	... .	......	....	. ....	1 21 35.05	− 1.59	.. ..	....
10	*o* Piscium	9	40 23.99	+ 0.47	− **1.44**	30 9 58.90	45.258	+ 9.35	+ 34.6	1 40 23.02	.....	+ 8 40 43.2	....
11	54 Ceti	9	45 50.90	+ 0.42	− 1.44	28 15 58.92	46.410	+ 9.35	+ 32.0	1 45 49.88	− 3.68	+10 34 19.4	−17.0
12	λ Arietis	9	52 39.53	+ 0.57	− 1.44	15 41 58.00	48.108	+ 9.35	+ 16.8	1 52 38.66	− 4.03	+23 7 56.7	−17.3
13	α Piscium (*brighter*)	9	57 9.30	+ 0.43	− 1.44	36 31 56.98	46.248	+ 9.35	+ 44.1	1 57 8.29	− 3.55	+ 2 18 13.0	−13.8
14	6 Persei	9	7 19.09	+ 0.84	− 1.44	348 13 57.40	45.388	+ 9.35	− 12.3	2 7 18.49	− 5.51	+50 37 28.6	−18.0
15	67 Ceti	9	12 16.22	+ 0.37	− **1.48**	45 41 58.45	45.252	+ 9.35	+1 1.0	2 12 15.15	.....	− 6 51 42.6	....
16	κ Fornacis	9	18 13.47	+ 0.24	− 1.44	63 3 56.78	46.390	+ 9.35	+1 56.8	2 18 12.27	.....	−24 15 2.7	....
17	ξ^2 Ceti	9	23 7.95	+ 0.47	− **1.45**	30 47 57.38	47.235	+ 9.35	+ 35.5	2 23 6.98	.....	+ 8 1 58.6	....
18	36 H. Cassiopeiæ	9	29 3.34	+ 1.48	− 1.44	326 27 54.62	44.880	+ 9.35	− 39.3	2 29 3.38	.....	+72 24 9.9	....
19	ν Arietis	9	33 26.81	+ 0.56	− **1.42**	17 17 57.95	45.345	+ 9.35	+ 18.6	2 33 25.93	.....	+21 32 58.1	....
20	35 Arietis	9	37 54.18	+ 0.60	− 1.44	11 31 57.52	47.858	+ 9.35	+ 12.2	2 37 53.34	− 4.34	+27 18 7.2	−13.0
21	η Persei	9	43 48.08	+ 0.92	− 1.44	343 21 54.62	44.240	+ 9.35	− 17.7	2 43 47.56	− 6.23	+55 30 3.0	−13.1
22	η Eridani	9	51 48.79	+ 0.36	− **1.43**	48 5 59.92	47.612	+ 9.35	+1 6.4	2 51 47.70	.....	− 9 16 43.4	....
23	ι Persei	9	2 14.51	+ 0.83	− 1.45	349 35 56.00	46.700	+ 9.35	− 10.8	3 2 13.89	− 5.68	+49 14 58.5	−10.6
	November 19, Y.												
24	Sun I, S	9	37 30.44	+ 0.30	− 1.44	58 33 57.75	48.380	+10.82	+1 34.7	15 37 29.30	+68.92	−19 45 29.0	....
25	Sun II, N	9	39 48.28	+ 0.30	− 1.44	58 1 58.62	47.390	+10.46	+1 32.8	15 39 47.14	−68.92	−19 13 4.0	....
26	Venus I, C	9	6 1.00	+ 0.25	− 1.45	64 0 1.10	47.948	+ 9.73	+1 56.9	18 5 59.80	+ 0.40	−25 11 43.0	....
27	Venus II	9	6 1.66	+ 0.25	− 1.45	... .	......	....	. ....	18 6 0.46	− 0.26	.. ..	....
28	52 Pegasi	9	54 27.45	+ 0.43	− 1.51	27 37 58.95	43.860	+ 9.02	+ 30.4	22 54 26.37	− 2.75	+11 13 19.6	−25.4
29	β Piscium	9	59 3.34	+ 0.38	− 1.51	35 31 58.28	45.472	+ 9.02	+ 41.4	22 59 2.21	− 2.73	+ 3 18 32.5	−22.7
30	5 Andromedæ	9	3 27.64	+ 0.78	− 1.51	350 3 57.35	46.778	+ 9.02	− 10.1	23 3 26.91	− 3.32	+48 46 55.0	−34.4
31	φ Aquarii	9	9 25.05	+ 0.31	− **1.56**	45 23 59.90	45.325	+ 9.02	+ 58.9	23 9 23.85	.....	− 6 33 43.3	....
32	10 Andromedæ	9	15 22.23	+ 0.69	− 1.52	357 17 56.32	44.548	+ 9.02	− 2.7	23 15 21.40	− 3.30	+41 33 39.5	−32.6
33	υ Pegasi	9	20 39.27	+ 0.52	− **1.51**	15 57 57.20	45.472	+ 9.02	+ 16.7	23 20 38.27	.....	+22 52 58.2	....
34	λ Draconis S. P.	9	25 44.56	− 0.57	− 1.52	288 45 50.52	43.620	+ 9.02	−2 48.7	11 25 42.47	.....	+69 51 7.2	....
35	15 Andromedæ	9	29 59.87	+ 0.67	− 1.52	359 7 56.35	46.412	+ 9.02	− 0.8	23 29 59.02	− 3.43	+39 42 55.0	−31.6
36	γ Cephei	9	35 30.58	+ 1.91	− 1.52	321 45 51.28	44.788	+ 9.02	− 45.6	23 35 30.97	.....	+77 6 21.4	....
37	19 Piscium	9	41 33.30	+ 0.38	− 1.52	35 53 55.28	42.848	+ 9.02	+ 42.1	23 41 32.16	− 2.97	+ 2 57 34.7	−21.3
38	25 Piscium	9	48 13.92	+ 0.36	− 1.52	37 15 56.00	47.610	+ 9.02	+ 44.3	23 48 12.76	− 2.99	+ 1 33 43.0	−20.7
39	ω Piscium	9	54 27.09	+ 0.40	− **1.51**	32 29 55.90	46.560	+ 9.02	+ 37.1	23 54 25.97	.....	+ 6 20 14.3	....
40	2 Ceti	9	58 53.59	+ 0.22	− **1.57**	56 41 55.28	45.030	+ 9.02	+1 28.6	23 58 52.29	.....	−17 52 1.6	....
41	5 Ceti	9	3 21.42	+ 0.33	− 1.52	41 47 55.78	48.228	+ 9.02	+ 52.1	0 3 20.23	− 3.02	− 2 58 38.7	−18.7
42	6 B. Ursæ Minoris S. P.	9	13 52.61	−10.82	− 1.52	307 5 49.20	45.680	+ 9.02	−1 16.7	12 13 40.27	.....	+88 13 24.9	....
43	12 Ceti	9	25 12.68	+ 0.32	− **1.51**	43 19 56.50	43.795	+ 9.02	+ 55.0	0 25 11.48	.....	− 4 29 1.0	....
44	ζ Cassiopeiæ	9	31 42.53	+ 0.86	− 1.52	345 29 54.15	42.790	+ 9.02	− 15.0	0 31 41.87	.....	+53 22 34.2	....
45	α Cassiopeiæ	9	35 8.82	+ 0.90	− 1.52	342 49 54.75	46.715	+ 9.02	− 17.9	0 35 8.20	.....	+56 1 6.8	....
46	21 Cassiopeiæ	7	39 25.90	+ 1.64	− 1.52	324 23 52.22	44.852	+ 9.02	− 41.6	0 39 26.02	.....	+74 28 15.7	....
47	ν Andromedæ	9	44 36.03	+ 0.68	− 1.52	358 17 55.20	44.258	+ 9.02	− 1.7	0 44 35.19	.....	+40 33 46.4	....
48	43 H. Cephei	9	55 53.39	+ 5.08	− 1.52	313 7 50.90	43.933	+ 9.02	−1 2.1	0 55 56.95	.....	+85 44 58.4	....
49	ζ^1 Piscium	9	8 47.46	+ 0.40	− **1.48**	31 45 56.28	46.322	+ 9.02	+ 36.2	1 8 46.33	.....	+ 7 4 20.2	....
50	υ Piscium	9	14 16.16	+ 0.55	− **1.50**	12 5 55.92	43.262	+ 9.02	+ 12.6	1 14 15.18	.....	+26 45 54.1	....
51	Jupiter I, C	5	21 13.47	+ 0.40	− 1.53	31 51 56.18	44.885	+ 9.02	+ 36.4	1 21 12.34	+ 1.51	+ 6 57 10.0	....
52	Jupiter II	5	21 16.49	+ 0.40	− 1.53	... .	......	....	. ....	1 21 15.36	− 1.51	.. ..	....
53	Moon I, S	9	27 23.87	+ 0.40	− 1.53	33 33 57.25	47.412	+ 9.02	+ 38.8	1 27 22.74	+62.12	+ 5 15 51.8	....
	November 20, Br.												
54	Jupiter I, C	5	20 54.60	+ 0.33	− 1.74	31 54 1.10	43.758	+ 8.53	+ 35.4	1 20 53.19	+ 1.63	+ 6 55 32.4	....
55	Jupiter II	5	20 57.87	+ 0.33	− 1.74	... .	......	....	. ....	1 20 56.46	− 1.64	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 18 1	30.00	45.0	45.0
0 42	29.975	40.9	40.1
1 22	29.97	40.0	39.8
1 50	......	....	39.1
2 18	......	....	39.0
3 6	29.96	38.8	38.1
5 40	29.97	48.7	51.7
8 6	29.95	55.9	58.3
2 51	29.945	49.9	51.2
3 13	......	....	49.9
23 45	29.93	49.2	48.9
0 20	......	....	47.8
0 50	29.925	47.6	47.0
1 32	29.910*	46.8	46.3
1 17	29.62	55.8	56.0

Micrometer bisections are made at II, VI, except as noted below.

1, 8, 26, 51, 54.	Bisections at I, II, VI, VII.
3, 53.	Bisections at II, III, IV, V, VI.
4.	Bisections at III, IV, V.
8, 51, 54.	Z. D. threads A used.
14, 18, 21, 23, 30, 34, 44, 45, 47.	Bisections at III, V.
20, 24.	Bisections at I, II.
25.	Bisections at VI, VII.
42, 48.	Bisections at b_3, b_4, b_5, b_6, b_7.
46.	Bisections at IV, V.

Notes.

4–23. Clouds.
5. Revolutions of micrometer reading assumed.
24. Two microscopes used.
Barometer reading changed from 29.10 in. to 29.910 in.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.1	.. ..	0.0	+ 6.1
3	+32 59.4	+14 51.3	...	+47 50.7
8	+ 1.1	.. ..	...	+ 1.1
24	+ 7.6	+16 12.5	...	+16 20.1
25	+ 7.5	−16 12.5	...	−16 5.0
26	+ 6.2	.. ..	0.0	+ 6.2
51	+ 1.1	.. ..	...	+ 1.1
53	+30 9.1	+14 56.7	...	+45 5.8
54	+ 1.1	.. ..	...	+ 1.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	40 Cassiopeiæ	9	30 59.23	+ 1.41	− 1.74	326 17 56.20	46.682	+ 8.53	− 37.7	1 30 58.90	.....	+72 33 26.3	....
2	*o* Piscium	9	40 24.44	+ 0.34	− **1.76**	30 10 0.15	45.345	+ 8.53	+ 33.0	1 40 23.04	.....	+ 8 40 42.7	....
3	54 Ceti	9	45 51.30	+ 0.35	− 1.74	28 16	......	....	. ....	1 45 49.91	− 3.68	+10 34	....
4	λ Arietis	9	52 39.95	+ 0.44	− 1.74	15 41 58.12	48.178	+ 8.53	+ 16.0	1 52 38.65	− 4.03	+23 7 56.6	−17.4
5	α Piscium (*brighter*)	9	57 9.76	+ 0.29	− 1.74	36 32 0.22	46.255	+ 8.53	+ 42.1	1 57 8.31	− 3.55	+ 2 18 12.4	−13.6
6	6 Persei	9	7 19.49	+ 0.73	− 1.74	348 13 59.75	45.275	+ 8.53	− 11.8	2 7 18.48	− 5.50	+50 37 29.1	−18.4
7	67 Ceti	9	12 16.63	+ 0.23	− **1.75**	45 42	......	....	. ....	2 12 15.12	.....	− 6 51	....
8	Moon I, S.	9	16 13.04	+ 0.35	− 1.74	29 51 59.28	46.232	+ 8.53	+ 32.7	2 16 11.65	+63.23	+ 8 58 23.3	....
9	36 H. Cassiopeiæ	9	29 3.83	+ 1.40	− 1.74	326 27 56.15	44.728	+ 8.53	− 37.6	2 29 3.49	.....	+72 24 10.9	....
10	ν Arietis	9	33 27.27	+ 0.43	− **1.75**	17 18 0.00	45.320	+ 8.53	+ 17.8	2 33 25.96	.....	+21 32 58.3	....
11	η Persei	9	43 48.54	+ 0.81	− 1.74	343 21 56.75	44.118	+ 8.53	− 16.9	2 43 47.61	− 6.24	+55 30 3.6	−13.6
12	σ Arietis	9	46 16.78	+ 0.38	− **1.74**	24 9 59.42	43.978	+ 8.53	+ 25.6	2 46 15.42	.....	+14 41 21.7	....
13	η Eridani	9	51 49.27	+ 0.22	− **1.76**	48 6 1.18	47.742	+ 8.53	+1 3.5	2 51 47.75	.....	− 9 16 43.9	....
14	94 Ceti	9	7 57.61	+ 0.27	− 1.75	40 23 59.05	44.408	+ 8.53	+ 48.5	3 7 56.13	− 3.63	− 1 33 10.9	− 7.9
15	ζ Eridani	9	11 15.27	+ 0.22	− 1.75	48 0 0.85	47.190	+ 8.53	+1 3.2	3 11 13.74	− 3.50	− 9 10 30.6	− 7.0
16	τ¹ Arietis	9	15 46.48	+ 0.42	− **1.70**	18 1 59.00	47.365	+ 8.53	+ 18.6	3 15 45.15	.....	+20 48 11.7	....
17	ξ Tauri	9	22 3.24	+ 0.34	− **1.74**	29 25 57.75	47.395	+ 8.53	+ 32.1	3 22 1.83	.....	+ 9 23 58.8	....
	November 21, M.												
18	Sun I, N.	9	45 52.29	+ 0.14	− 1.73	58 29 58.80	45.185	+ 9.78	+1 33.3	15 45 50.70	+69.28	−19 40 14.6	....
19	Sun II, S.	9	48 10.86	+ 0.14	− 1.73	59 2 1.20	46.140	+ 9.78	+1 35.3	15 48 9.27	−69.29	−20 12 39.8	....
20	Mercury C, Ɔ.	9	36 32.76	+ 0.10	− 1.73	62 42 0.85	46.670	+ 9.80	+1 50.4	16 36 31.13	+ 0.01	−23 53 7.2	....
21	Venus I, Ɔ.	9	16 49.69	+ 0.08	− 1.74	64 2 3.05	44.028	+ 9.80	+1 56.7	18 16 48.03	+ 0.47	−25 12 15.3	....
22	Venus II	9	16 50.46	+ 0.08	− 1.74	... .	......	....	. ....	18 16 48.80	− 0.30	.. ..	....
23	δ Sculptoris	9	44 0.18	+ 0.03	− 1.79	67 27 54.50	46.755	+ 9.33	+2 19.7	23 43 58.42	.....	−28 39 31.6	....
24	ρ Cassiopeiæ	9	49 40.27	+ 0.91	− 1.79	341 53 51.38	43.365	+ 9.35	− 19.0	23 49 39.39	− 4.32	+56 58 27.3	−33.2
25	ω Piscium	9	54 27.37	+ 0.34	− **1.75**	32 31 53.65	41.372	+ 9.37	+ 37.2	23 54 25.92	.....	+ 6 20 14.6	....
26	2 Ceti	9	58 53.90	+ 0.14	− **1.82**	56 41 53.62	45.060	+ 9.38	+1 28.6	23 58 52.25	.....	−17 52 1.0	....
27	5 Ceti	9	3 21.74	+ 0.26	− 1.79	41 47 53.15	48.305	+ 9.39	+ 52.2	0 3 20.21	− 3.00	− 2 58 38.3	−18.5
28	6 B. Ursæ Minoris S. P.	9	13 55.17	−12.20	− 1.80	307 5 48.05	45.715	+ 9.43	−1 16.8	12 13 41.08	.....	+88 13 24.2	....
29	12 Ceti	9	25 13.03	+ 0.25	− **1.81**	43 19 54.38	43.868	+ 9.47	+ 55.1	0 25 11.48	.....	− 4 29 1.1	....
30	ζ Cassiopeiæ	9	31 42.79	+ 0.84	− 1.80	345 20 51.75	42.828	+ 9.49	− 15.0	0 31 41.83	.....	+53 22 35.1	....
31	α Cassiopeiæ	9	35 9.13	+ 0.80	− 1.80	342 49 51.18	46.800	+ 9.50	− 17.9	0 35 8.22	.....	+56 1 7.8	....
32	21 Cassiopeiæ	9	39 26.37	+ 1.72	− 1.80	324 23 50.90	44.840	+ 9.52	− 41.7	0 39 26.29	.....	+74 28 16.7	....
33	ν Andromedæ	9	44 36.34	+ 0.64	− 1.80	358 17 53.50	44.265	+ 9.54	− 1.7	0 44 35.18	.....	+40 33 46.9	....
34	20 Ceti	9	48 10.89	+ 0.27	− **1.87**	40 29 54.40	45.828	+ 9.55	+ 49.9	0 48 9.36	.....	− 1 39 40.8	....
35	43 H. Cephei	9	55 53.61	+ 5.58	− 1.80	313 7 47.68	43.997	+ 9.58	−1 2.1	0 55 57.39	.....	+85 44 59.3	....
36	ζ¹ Piscium	9	8 47.81	+ 0.34	− **1.78**	31 45 53.95	46.420	+ 9.61	+ 36.2	1 8 46.35	.....	+ 7 4 19.7	....
37	υ Piscium	9	14 16.57	+ 0.50	− **1.87**	12 5 54.40	43.348	+ 9.64	+ 12.6	1 14 15.27	.....	+26 45 53.0	....
38	ψ Cassiopeiæ	9	19 16.26	+ 1.26	− 1.80	331 13 49.70	44.765	+ 9.66	− 31.9	1 19 15.72	− 7.25	+67 38 9.8	−25.3
39	48 Ceti	9	25 4.69	+ 0.10	− 1.80	60 55 54.62	47.982	+ 9.68	+1 45.0	1 25 2.99	− 3.09	−22 7 25.4	−10.0
40	40 Cassiopeiæ	9	30 59.03	+ 1.56	− 1.80	326 17 49.45	46.998	+ 9.70	− 38.8	1 30 58.79	.....	+72 33 25.8	....
41	ν Piscium	9	36 31.10	+ 0.32	− **1.81**	33 49 54.20	46.262	+ 9.72	+ 39.2	1 36 29.62	.....	+ 5 0 20.0	....
42	ε Sculptoris	9	41 13.93	+ 0.07	− 1.80	64 19 55.18	48.320	+ 9.73	+2 1.4	1 41 12.20	.....	−25 31 50.2	....
43	2 Persei	8	46 9.11	+ 0.78	− 1.80	348 31 52.55	45.730	+ 9.75	− 11.8	1 46 8.09	− 5.31	+50 19 24.6	−21.2
44	β Arietis	9	49 25.47	+ 0.44	− **1.88**	18 29 54.60	46.468	+ 9.76	+ 19.6	1 49 24.11	.....	+20 20 34.4	....
45	υ Ceti	9	55 33.84	+ 0.11	− 1.80	60 21 54.52	45.552	+ 9.78	+1 42.7	1 55 32.15	.....	−21 32 27.6	....
46	Moon I, S.	9	7 1.99	+ 0.40	− 1.81	26 31 55.45	47.126	+ 9.90	+ 29.3	3 7 0.58	+64.62	+12 18 8.7	....
	November 21, Br.												
47	Groombridge 1418	7	26 37.76	+ 5.19	− 1.94	313 27 52.18	48.780	+ 9.89	−1 2.4	8 26 41.01	−15.10	+85 23 5.6	+34.4
48	γ Cancri	9	37 48.44	+ 0.49	− **1.88**	17 1 55.72	46.730	+ 9.89	+ 18.3	8 37 46.98	.....	+21 48 28.4	....
49	ε Hydræ	9	41 46.07	+ 0.37	− **1.90**	32 3 55.75	47.175	+ 9.89	+ 37.4	8 41 44.49	.....	+ 6 45 59.2	....
50	ρ¹ Cancri	9	46 57.38	+ 0.55	− 1.95	10 9 56.28	44.500	+ 9.89	+ 10.7	8 46 55.98	− 3.10	+28 41 26.6	+22.6
51	44 B. Ursæ Majoris	9	57 3.23	+ 0.90	− 1.95	344 11 54.45	46.325	+ 9.89	− 16.8	8 57 2.18	− 3.51	+54 39 14.1	+30.6
52	ω Hydræ	9	0 50.56	+ 0.36	− 1.95	33 21 56.62	46.288	+ 9.89	+ 39.3	9 0 57.97	− 2.79	+ 5 28 16.7	+15.2
53	98 B. Cephei S. P.	9	7 28.99	− 1.46	− 1.95	296 37 51.82	45.918	+ 9.89	−1 57.9	21 7 25.58	.....	+77 44 52.7	....

Time.			Barom.	Att. Ther.	Ext. Ther.
d	h	m	in.	°	°
20	1	46	.....	....	55.9
	2	18	29.61	54.8	54.5
	2	55	.....	....	54.0
	3	23	29.61	53.2	51.8
21	15	48	29.82	55.0	55.0
	16	37	29.80	55.9	56.0
	18	17	29.80	56.8	56.6
	23	39	29.87	47.8	48.0
	0	9	.....	....	46.5
	0	52	29.87	46.2	45.7
	1	28	.....	....	46.1
	1	58	29.87	45.3	44.9
	3	7	29.87	44.0	44.6
	8	29	29.85	38.1	[illegible]

Micrometer bisections are made at II, VI, except as noted below.

1, 6, 9, 11, 32, 38, 40, 51. Bisections at III, V.
2, 19, 50. Bisections at VI, VII.
8, 46. Bisections at II, III, IV, V, VI.
14, 18, 33. Bisections at I, II.
20, 21. Bisections at I, II, VI, VII.
28, 35. Bisections at b_1, b_2, b_5, b_8, b_9.
47. Bisections at [illegible], b_8.
53. Bisections at III, IV, V.

Notes.

1-17. Conditions poor.
1-7, 11, 12. Clouds.
42. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+27 21.0	+15 3.7	...	+42 24.7
18	+ 7.6	−16 12.6	...	−16 5.0
19	+ 7.6	+16 12.6	...	+16 20.2
20	+ 5.8	.. ....	0.0	+ 5.8
21	+ 6.2	.. ....	0.0	+ 6.2
46	+24 44.6	+15 11.7	...	+39 56.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	83 Cancri	9	13 41.71	+ 0.46	− **1.87**	20 43 55.98	46.715	+ 9.89	+ 22.6	9 13 40.22	.....	+18 6 24.2	....
2	28 Hydræ	9	20 40.37	+ 0.28	− 1.95	43 31 56.92	47.362	+ 9.89	+ 56.7	9 20 38.70	− 2.64	− 4 42 25.5	+12.1
3	ξ Leonis	9	26 50.55	+ 0.41	− **1.93**	27 7 56.75	44.282	+ 9.89	+ 30.6	9 26 49.01	.....	+11 43 11.1	....
4	2 Sextantis	9	33 31.02	+ 0.36	− 1.95	33 45 56.80	45.178	+ 9.89	+ 39.9	9 33 29.43	− 2.59	+ 5 4 41.3	+15.6
5	ψ Leonis	9	38 34.34	+ 0.43	− 1.95	24 23 56.22	44.090	+ 9.89	+ 27.1	9 38 32.82	− 2.58	+14 27 19.5	+18.9
6	μ Leonis	9	47 22.31	+ 0.53	− **1.98**	12 23 55.65	45.215	+ 9.89	+ 13.2	9 47 20.89	.....	+26 27 8.2	....
7	ν Leonis	9	53 7.56	+ 0.42	− 1.95	25 55 55.82	47.892	+ 9.89	+ 29.1	9 53 6.03	− 2.47	+12 53 51.0	+18.5
8	α Leonis	9	3 19.59	+ 0.41	− **1.93**	26 23 56.12	47.835	+ 9.89	+ 29.7	10 3 18.05	.....	+12 25 51.4	....
9	24 Cephei s. P.	9	8 3.45	− 0.85	− 1.95	290 45 51.90	47.185	+ 9.89	−2 35.4	22 8 0.65	.....	+71 52 44.3	....
10	138 B. Ursæ Majoris	9	14 22.01	+ 0.90	− 1.95	344 9 54.28	45.888	+ 9.89	− 16.8	10 14 20.96	− 2.18	+54 41 24.2	+31.9
11	32 H. Cephei s. P.	9	21 13.11	− 4.78	− 1.95	304 29 51.15	47.907	+ 9.89	−1 26.3	22 21 6.38	− 5.12	+85 38 8.8	−38.2
	November 23, M.												
12	Sun I, S.	9	54 17.66	+ 0.22	− 2.03	59 27 59.88	45.332	+10.74	+1 37.6	15 54 15.85	+69.41	−20 38 24.2	....
13	Sun II, N.	9	56 36.47	+ 0.22	− 2.03	58 55 59.38	44.300	+10.74	+1 35.5	15 56 34.66	−69.40	−20 5 57.1	....
14	72 Cygni	9	30 54.63	+ 0.67	− 2.09	0 43 56.18	46.828	+ 9.56	+ 0.8	21 30 53.21	− 1.98	+38 6 43.5	−33.3
15	γ Capricorni	9	34 50.57	+ 0.19	− **2.10**	55 55 58.28	43.765	+ 9.56	+1 25.3	21 34 48.67	.....	−17 5 32.9	....
16	ι Piscis Australis	9	39 18.14	+ 0.02	− 2.09	72 15 58.72	45.322	+ 9.56	+2 59.2	21 39 16.07	− 2.22	−33 27 42.8	−10.4
17	π² Cygni	9	43 18.08	+ 0.81	− 2.09	349 59 57.98	42.625	+ 9.56	− 10.1	21 43 16.80	.....	+48 52 28.6	....
18	158 B. Cephei	9	51 42.09	+ 1.68	− 2.09	325 35 53.20	46.655	+ 9.56	− 39.4	21 51 41.68	.....	+73 15 30.6	....
19	20 Pegasi	9	56 28.68	+ 0.43	− 2.09	26 11 57.52	42.220	+ 9.56	+ 28.5	21 56 27.02	− 2.29	+12 39 59.9	−26.3
20	α Aquarii	9	0 55.40	+ 0.32	− **2.14**	39 37 58.80	43.568	+ 9.56	+ 47.9	22 0 53.63	.....	− 0 46 51.6	....
21	27 Pegasi	9	5 2.20	+ 0.61	− 2.09	6 8	......	....	. ....	22 5 0.72	− 2.36	+32 42	....
22	π Pegasi	9	5 47.24	+ 0.61	− 2.09	6 7 57.20	46.035	+ 9.56	+ 6.3	22 5 45.76	.....	+32 42 55.2	....
23	λ Piscis Australis	9	8 56.84	+ 0.08	− 2.09	67 3 58.20	43.838	+ 9.56	+2 16.2	22 8 54.83	− 2.33	−28 14 25.4	−12.0
24	29 H. Camelopardalis s. P.	7	15 53.63	− 3.93	− 2.09	303 37 52.12	41.732	+ 9.56	−1 26.6	10 15 47.61	.....	+84 43 48.1	....
25	38 Pegasi	9	25 42.37	+ 0.60	− 2.10	6 45 57.28	44.835	+ 9.56	+ 6.9	22 25 40.87	− 2.58	+32 5 21.9	−32.0
26	η Aquarii	9	30 29.69	+ 0.32	− **2.07**	39 25 57.25	47.750	+ 9.56	+ 47.7	22 30 27.91	.....	− 0 36 25.4	....
27	35 H. Ursæ Majoris s. P.	9	36 16.49	− 0.70	− 2.10	288 27 51.45	46.310	+ 9.56	−2 51.0	10 36 13.69	− 1.45	+69 34 8.9	+35.2
28	λ Pegasi	9	41 58.63	+ 0.51	− **2.08**	15 47 57.92	42.560	+ 9.56	+ 16.4	22 41 57.04	.....	+23 4 3.8	....
29	λ Aquarii	9	47 40.85	+ 0.27	− **2.12**	46 55 59.42	43.710	+ 9.56	+1 2.0	22 47 39.02	.....	− 8 5 9.5	....
30	52 Pegasi	9	54 27.99	+ 0.42	− 2.10	27 37 57.65	43.910	+ 9.56	+ 30.4	22 54 26.31	− 2.70	+11 13 19.5	−25.2
31	β Piscium	9	59 3.90	+ 0.36	− 2.10	35 31 58.08	45.492	+ 9.56	+ 41.5	22 59 2.16	− 2.68	+ 3 18 31.6	−22.5
32	5 Andromedæ	9	3 28.08	+ 0.81	− 2.10	350 3 55.38	46.822	+ 9.56	− 10.1	23 3 26.79	− 3.23	+48 46 55.3	−34.7
33	φ Aquarii	9	9 25.55	+ 0.28	− **2.08**	45 23 59.02	45.360	+ 9.56	+ 58.9	23 9 23.73	.....	− 6 33 43.7	....
34	10 Andromedæ	9	15 22.71	+ 0.71	− 2.10	357 17 57.30	44.500	+ 9.56	− 2.7	23 15 21.32	− 3.23	+41 33 39.1	−32.8
35	υ Pegasi	9	20 39.79	+ 0.51	− **2.08**	15 57 58.22	45.425	+ 9.56	+ 16.7	23 20 38.20	.....	+22 52 57.7	....
36	λ Draconis s. P.	8	25 45.46	− 0.72	− 2.10	288 45 51.90	43.488	+ 9.56	−2 48.7	11 25 42.64	.....	+69 51 6.2	....
37	15 Andromedæ	9	30 0.42	+ 0.68	− 2.10	359 7 57.70	46.340	+ 9.56	− 0.8	23 29 59.00	− 3.36	+39 42 54.7	−31.8
	November 24, Br.												
38	Moon II, S.	9	55 20.46	+ 0.49	− 2.33	20 51 57.18	47.781	+10.34	+ 22.3	5 55 18.62	−68.57	+17 57 58.6	....
39	φ Draconis s. P.	9	22 7.57	− 0.80	− 2.33	290 11 52.38	44.108	+10.34	−2 36.6	18 22 4.44	+ 4.08	+71 17 33.7	−21.8
40	Neptune C, C.	9	33 8.24	+ 0.52	− 2.33	16 37 57.25	47.712	+10.34	+ 17.5	6 33 6.43	.....	+22 12 4.8	....
41	κ Canis Majoris	9	46 20.78	+ 0.04	− 2.33	71 11 57.78	46.300	+10.34	+2 50.5	6 46 18.49	− 3.10	−32 23 56.3	+ 2.7
42	51 H. Cephei	9	56 18.11	+ 8.54	− 2.34	311 39 52.38	47.545	+10.34	−1 5.3	6 56 24.31	.....	+87 11 35.8	....
43	51 Geminorum	9	7 57.15	+ 0.47	− 2.34	22 31 56.05	44.848	+10.34	+ 24.3	7 7 55.28	.....	+16 19 4.7	....
44	λ Geminorum	9	12 40.22	+ 0.47	− **2.38**	22 7 58.55	46.100	+10.34	+ 23.8	7 12 38.35	.....	+16 42 34.1	....
45	η Canis Majoris	9	20 23.31	+ 0.08	− 2.34	67 55 57.00	45.170	+10.34	+2 23.5	7 20 21.05	− 3.06	−29 7 2.7	+ 3.9
46	108 G. Puppis	9	30 2.00	+ 0.16	− 2.34	60 53 58.00	47.825	+10.34	+1 44.9	7 29 59.82	− 3.08	−22 5 26.0	+ 5.6
47	f Puppis	9	33 54.42	+ 0.01	− 2.34	73 33 57.45	43.335	+10.34	+3 16.2	7 33 52.09	− 2.99	−34 45 13.9	+ 3.1
48	κ Geminorum	9	38 44.71	+ 0.54	− **2.32**	14 13 57.68	44.365	+10.34	+ 14.9	7 38 42.91	.....	+24 37 23.2	....
49	4 Puppis	9	41 36.96	+ 0.23	− 2.34	53 9 56.38	45.285	+10.34	+1 18.0	7 41 34.85	− 3.11	−14 19 59.2	+ 7.7
50	φ Geminorum	9	47 42.82	+ 0.57	− **2.28**	11 49 57.08	46.802	+10.34	+ 12.3	7 47 41.05	.....	+27 0 31.0	....
51	ω¹ Cancri	.	.. ..	....	....	13 11 56.25	45.482	+10.34	+ 13.8	7 55	.....	+25 39 0.2	....
52	β Cancri	9	11 23.79	+ 0.42	− **2.38**	29 21 56.92	45.660	+10.34	+ 32.9	8 11 21.87	.....	+ 9 28 36.7	....
53	d¹ Cancri	.	.. ..	....	....	20 11 56.58	47.450	+10.34	+ 21.6	8 17	.....	+18 38 7.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 9 14	29.85	37.1	35.9
9 35	......	....	35.8
9 53	......	....	35.9
10 24	29.835	36.0	34.8
23 15 57	29.73	49.6	50.1
21 29	29.60	48.3	47.3
22 1	......	....	46.3
22 23	29.59	46.1	45.4
23 7	......	....	44.1
23 30	29.56	44.7	43.3
24 5 56	29.52	41.8	41.3
6 35	......	....	40.8
7 0	29.525	41.0	40.2
7 59	29.53	40.5	40.0
8 23	......	....	40.9

Micrometer bisections are made at II, VI, except as noted below.

9.	Bisection at III.
10, 18, 27.	Bisections at III, V.
11, 36, 39, 42.	Bisections at III, IV, V.
12, 46, 48, 51, 53.	Bisections at I, II.
13, 30.	Bisections at VI, VII.
24.	Bisections at b_1, b_2, b_5, b_8, b_9.
38.	Bisections at II, III, IV, V, VI.
40.	Bisections at I, II, VI, VII.

Notes.

22.	Micrometer reading increased 2 rev.
39.	Fuzzy and unsteady.
41, 45, 52.	Unsteady.
51–53.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
12	+ 7.7	+16 13.5	...	+16 21.2
13	+ 7.6	−16 13.5	...	−16 5.9
38	+20 15.8	+15 37.3	...	+35 53.1
40	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	November 26, Y.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N	9	7 1.24	+ 0.25	− 2.46	59 31 56.48	43.438	+10.73	+1 40.4	16 6 59.03	+69.73	−20 41 40.3	....
2	Sun II, S	9	9 20.69	+ 0.25	− 2.46	60 3 58.82	44.482	+10.73	+1 42.6	16 9 18.48	−69.72	−21 14 7.8	....
3	η Aquarii	9	30 30.08	+ 0.41	− **2.59**	39 25 57.15	47.668	+ 9.90	+ 49.1	22 30 27.95	.....	− 0 36 25.2	....
4	35 H. Ursæ Majoris s. p.	9	36 17.16	− 0.60	− 2.54	288 27 51.85	46.480	+ 9.90	−2 55.9	10 36 14.02	− 1.68	+69 34 7.6	+35.8
5	λ Pegasi	9	41 58.94	+ 0.58	− **2.50**	15 47 57.20	42.530	+ 9.90	+ 16.9	22 41 56.98	.....	+23 4 4.3	....
6	λ Aquarii	9	47 41.16	+ 0.35	− **2.55**	46 55 58.30	43.668	+ 9.90	+1 3.8	22 47 38.96	.....	− 8 5 9.3	...
7	52 Pegasi	9	54 28.31	+ 0.49	− 2.55	27 37 57.10	43.892	+ 9.90	+ 31.3	22 54 26.25	− 2.66	+11 13 19.0	−25.2
8	β Piscium	9	59 4.26	+ 0.44	− 2.55	35 31 56.42	45.478	+ 9.90	+ 42.6	22 59 2.15	− 2.64	+ 3 18 32.1	−22.4
9	5 Andromedæ	9	3 28.46	+ 0.87	− 2.55	350 3 54.52	46.882	+ 9.90	− 10.4	23 3 26.78	− 3.16	+48 46 54.9	−34.9
10	φ Aquarii	9	9 25.92	+ 0.36	− **2.56**	45 23 57.72	45.312	+ 9.90	+1 0.5	23 9 23.73	.....	− 6 33 43.3	....
11	10 Andromedæ	9	15 23.03	+ 0.77	− 2.55	357 17 56.08	44.500	+ 9.90	− 2.7	23 15 21.25	− 3.18	+41 33 40.0	−33.0
12	υ Pegasi	9	20 40.13	+ 0.58	− **2.53**	15 57 57.45	45.418	+ 9.90	+ 17.1	23 20 38.16	.....	+22 52 57.9	....
13	70 Pegasi	9	24 22.84	+ 0.50	− 2.55	26 37 57.25	41.532	+ 9.90	+ 29.9	23 24 20.79	.....	+12 14 14.1	....
14	15 Andromedæ	9	30 0.70	+ 0.75	− 2.55	359 7 56.20	46.385	+ 9.90	− 0.8	23 29 58.90	− 3.31	+39 42 54.9	−32.0
15	γ Cephei	9	35 30.93	+ 2.10	− 2.55	321 45 51.62	44.732	+ 9.90	− 46.8	23 35 30.48	.....	+77 6 23.2	....
	November 28, M.												
16	Sun I, N	8	15 33.86	+ 0.45	− 2.78	59 53 52.72	43.198	+11.08	+1 44.2	16 15 31.53	+69.96	−21 3 35.2	....
17	Sun II, S	9	17 53.78	+ 0.45	− 2.78	60 25 55.60	44.148	+11.08	+1 46.5	16 17 51.45	−69.96	−21 36 1.2	....
18	Venus I, C	8	54 30.09	+ 0.41	− 2.79	63 39 56.62	44.871	+10.72	+2 1.3	18 54 27.71	+ 0.51	−24 50 33.6	....
19	158 B. Cephei	9	51 42.50	+ 1.56	− 2.81	325 35 54.70	46.640	+10.17	− 41.3	21 51 41.25	.....	+73 15 30.8	....
20	20 Pegasi	9	56 29.16	+ 0.61	− 2.81	26 11 56.62	42.195	+10.17	+ 29.8	21 56 26.96	− 2.22	+12 39 59.4	−26.1
21	α Aquarii	9	0 55.84	+ 0.54	− **2.87**	39 37 58.00	43.475	+10.17	+ 50.2	22 0 53.57	.....	− 0 46 51.6	....
22	27 Pegasi	9	5 2.69	+ 0.74	− 2.81	6 7 56.42	46.648	+10.17	+ 6.6	22 5 0.62	− 2.27	+32 42 40.7	−32.1
23	π Pegasi	9	5 47.71	+ 0.74	− 2.81	6 7 56.42	46.062	+10.17	+ 6.6	22 5 45.64	.....	+32 42 54.4	....
24	29 H. Camelopardalis s. p.	9	15 54.57	− 2.55	− 2.81	303 35 51.65	47.137	+10.17	−1 30.7	10 15 49.21	.....	+84 43 47.7	....
25	β Piscis Australis	9	26 7.79	+ 0.32	− 2.81	71 37 58.50	46.430	+10.17	+3 1.5	22 26 5.30	− 2.30	−32 50 10.6	−10.2
26	η Aquarii	9	30 30.14	+ 0.53	− **2.80**	39 25 57.72	47.610	+10.17	+ 50.0	22 30 27.86	.....	− 0 36 25.6	....
27	35 H. Ursæ Majoris s. p.	9	36 17.03	− 0.19	− 2.81	288 27 51.75	46.577	+10.17	−2 59.1	10 36 14.03	− 1.84	+69 34 6.8	+36.0
28	λ Pegasi	9	41 59.11	+ 0.66	− **2.79**	15 47 57.18	42.548	+10.17	+ 17.2	22 41 56.96	.....	+23 4 3.4	....
29	λ Aquarii	9	47 41.25	+ 0.49	− **2.81**	46 55 58.25	43.622	+10.17	+1 4.9	22 47 38.93	.....	− 8 5 9.9	....
30	52 Pegasi	9	54 28.48	+ 0.59	− 2.81	27 37 57.58	43.832	+10.17	+ 31.8	22 54 26.26	− 2.63	+11 13 19.3	−25.1
31	β Piscium	9	59 4.37	+ 0.55	− 2.81	35 31 57.20	45.418	+10.17	+ 43.4	22 59 2.11	− 2.61	+ 3 18 31.6	−22.3
32	5 Andromedæ	9	3 28.67	+ 0.84	− 2.81	350 3 55.30	46.818	+10.17	− 10.5	23 3 26.70	− 3.11	+48 46 55.2	−35.0
33	φ Aquarii	9	9 25.99	+ 0.50	− **2.80**	45 23 57.50	45.312	+10.17	+1 1.6	23 9 23.68	.....	− 6 33 44.1	....
34	10 Andromedæ	9	15 23.22	+ 0.77	− 2.81	357 17 55.50	44.535	+10.17	− 2.8	23 15 21.18	− 3.13	+41 33 39.6	−33.1
35	υ Pegasi	9	20 40.25	+ 0.64	− **2.73**	15 57 56.90	45.442	+10.17	+ 17.5	23 20 38.08	.....	+22 52 57.2	....
36	λ Draconis s. p.	9	25 46.18	− 0.11	− 2.81	288 45 51.55	43.762	+10.17	−2 56.6	11 25 43.26	.....	+69 51 4.8	....
	November 28, Ei.-Y.												
37	B. D.+ 9°90	9	43 23.34	+ 0.58	− 2.83	29 5 57.38	46.162	+10.03	+ 33.9	0 43 21.09	− 3.32	+ 9 44 24.1	−20.0
38	20 Ceti	9	48 11.56	+ 0.52	− **2.85**	40 29 55.88	45.652	+10.03	+ 52.0	0 48 9.25	.....	− 1 39 40.9	....
39	B. D.+12°119	9	52 57.86	+ 0.59	− 2.83	25 39 56.40	45.028	+10.03	+ 29.3	0 52 55.62	− 3.43	+13 10 55.5	−20.4
40	B. D.+ 1°185	9	55 14.91	+ 0.54	− 2.83	36 43 55.60	43.698	+10.03	+ 45.4	0 55 12.62	− 3.26	+ 2 7 10.7	−17.2
41	ε Piscium	9	58 3.18	+ 0.57	− **2.79**	31 27 55.55	45.355	+10.03	+ 37.3	0 58 0.92	.....	+ 7 22 41.0	....
42	B. D.+ 6°155	9	59 55.92	+ 0.57	− 2.83	32 17 56.38	46.288	+10.03	+ 38.5	0 59 53.66	− 3.35	+ 6 32 17.6	−18.1
43	B. D.+12°135	9	1 36.20	+ 0.59	− 2.83	26 23 56.35	45.375	+10.03	+ 30.3	1 1 33.96	− 3.47	+12 26 46.6	−19.6
44	B. D.+ 9°132	9	3 26.31	+ 0.58	− 2.83	29 25 56.75	47.188	+10.03	+ 34.4	1 3 24.06	− 3.42	+ 9 24 0.8	−18.7
45	B. D.+ 9°138	9	6 32.78	+ 0.58	− 2.83	29 3 56.35	44.185	+10.03	+ 33.9	1 6 30.53	− 3.45	+ 9 47 10.3	−18.6
46	B. D.+10°147	8	8 50.11	+ 0.58	− 2.83	28 31 55.82	45.862	+10.03	+ 33.1	1 8 47.86	− 3.47	+10 18 33.3	−18.5
47	B. D.+ 4°216	9	11 51.58	+ 0.56	− 2.83	34 17 57.15	43.758	+10.03	+ 41.6	1 11 49.31	− 3.38	+ 4 33 11.5	−16.8
48	B. D.+11°167	9	14 44.39	+ 0.59	− 2.83	27 11 56.70	45.355	+10.03	+ 31.3	1 14 42.15	− 3.53	+11 38 45.8	−18.4
49	B. D.+ 0°223	9	17 45.95	+ 0.54	− 2.83	37 35 56.60	47.340	+10.03	+ 47.0	1 17 43.66	− 3.35	+ 1 13 44.9	−15.6
50	B. D.+ 2°207	9	20 48.87	+ 0.54	− 2.83	36 21 55.98	45.222	+10.03	+ 44.9	1 20 46.58	− 3.38	+ 2 28 36.0	−15.7
51	B. D.+ 6°228	9	24 8.08	+ 0.57	− 2.83	32 1 55.85	46.640	+10.03	+ 38.2	1 24 5.82	− 3.48	+ 6 48 10.4	−16.6
52	B. D.+10°197	9	26 43.97	+ 0.58	− 2.83	28 25 56.68	47.502	+10.03	+ 33.0	1 26 41.72	− 3.56	+10 23 55.0	−17.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 16 9	29.95	42.4	41.0
22 6	29.895	37.8	37.0
22 28	......	....	36.8
22 52	29.895	36.7	36.6
23 18	......	....	36.4
23 46	29.89	36.5	36.5
28 16 18	29.98	31.6	31.0
18 55	29.95	34.0	32.7
21 52	29.95	30.4	30.0
22 12	......	....	29.9
22 33	29.96	29.4	29.4
23 6	......	....	28.9
23 29	29.96	28.5	28.5
0 41	29.96	27.7	28.2
1 7	......	....	28.0
1 28	29.965	27.6	27.8

Micrometer bisections are made at II, VI, except as noted below.

1, 16, 22.	Bisections at I, II.
2, 6, 17, 30, 33.	Bisections at VI, VII.
4, 9, 15, 19.	Bisections at III, V.
18.	Bisections at I, II, VI, VII.
24, 27, 36.	Bisections at III, IV, V.
25.	Bisection at VI.
46	Bisections at II, VII.

Note.

27, 37. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 7.7	−16 13.8	...	−16 6.1
2	+ 7.7	+16 13.7	...	+16 21.4
16	+ 7.7	−16 13.0	...	−16 5.3
17	+ 7.7	+16 13.0	...	+16 20.7
18	+ 6.3	.. ....	0.0	+ 6.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+17°224	7	29 43.29	+ 0.62	− 2.83	20 51 55.12	46.398	+10.03	+ 23.3	1 29 41.08	− 3.75	+17 58 31.5	−18.8
2	B. D.+ 3°218	9	31 23.88	+ 0.55	− 2.83	34 59 56.82	47.778	+10.03	+ 42.7	1 31 21.60	− 3.46	+ 3 49 38.9	−15.3
3	B. D.+15°244	9	34 10.64	+ 0.61	− 2.83	22 41 56.20	46.098	+10.03	+ 25.5	1 34 8.42	− 3.73	+16 8 35.1	−18.0
4	B. D.+ 3°230	9	37 2.62	+ 0.55	− 2.83	34 39 55.95	43.042	+10.03	+ 42.1	1 37 0.34	− 3.49	+ 4 11 28.6	−15.0
5	ο Piscium	9	40 25.24	+ 0.57	− **2.82**	30 9 55.78	45.328	+10.03	+ 35.4	1 40 22.98	.....	+ 8 40 43.2	....
6	B. D.+16°203	9	43 4.42	+ 0.61	− 2.83	22 21 55.90	45.208	+10.03	+ 25.1	1 43 2.20	− 3.78	+16 28 56.1	−17.3
7	B. D.+ 8°284	9	46 33.87	+ 0.57	− 2.84	29 59 56.28	47.625	+10.03	+ 35.2	1 46 31.60	− 3.62	+ 8 49 50.4	−15.4
8	B. D.+ 9°236	9	49 12.16	+ 0.58	− 2.84	29 21 55.95	44.528	+10.03	+ 34.3	1 49 9.90	− 3.65	+ 9 29 2.4	−15.3
9	B. D.+15°286	9	53 32.02	+ 0.60	− 2.84	23 21 54.68	47.602	+10.03	+ 26.4	1 53 29.78	− 3.80	+15 28 1.3	−16.2
10	B. D.+15°292	9	56 2.44	+ 0.61	− 2.84	22 43 55.32	46.815	+10.03	+ 25.6	1 56 0.21	− 3.83	+16 6 19.5	−16.1
11	B. D.+17°315	9	2 35.74	+ 0.61	− 2.84	21 15 55.12	46.222	+10.03	+ 23.7	2 2 33.51	− 3.90	+17 34 35.1	−15.8
12	B. D.+19°329	8	4 29.20	+ 0.62	− 2.84	18 57 56.48	42.935	+10.03	+ 21.0	2 4 26.98	− 3.98	+19 53 51.6	−16.1
13	B. D.+13°351	9	7 36.69	+ 0.60	− 2.84	25 21 54.55	46.765	+10.03	+ 28.9	2 7 34.45	− 3.82	+13 28 18.1	−14.6
14	B. D.+19°342	9	13 54.56	+ 0.62	− 2.84	19 35 54.62	44.880	+10.03	+ 21.7	2 13 52.34	− 4.00	+19 15 8.3	−15.1
15	B. D.+16°281	9	17 22.04	+ 0.61	− 2.84	22 25 54.70	42.005	+10.03	+ 25.1	2 17 19.81	− 3.94	+16 26 10.5	−14.3
16	B. D.+19°355	9	20 30.19	+ 0.62	− 2.84	18 59 56.02	44.935	+10.03	+ 21.0	2 20 27.97	− 4.05	+19 51 6.3	−14.5
17	B. D.+ 9°323	9	22 22.93	+ 0.58	− 2.84	29 3 56.40	45.865	+10.03	+ 33.9	2 22 20.67	− 3.79	+ 9 46 31.8	−12.6
18	B. D.+10°330	9	25 24.82	+ 0.58	− 2.84	28 11 56.90	46.475	+10.03	+ 32.7	2 25 22.56	− 3.82	+10 38 18.6	−12.5
19	B. D.+10°340	9	29 20.90	+ 0.58	− 2.84	27 39 56.70	44.122	+10.03	+ 31.9	2 29 18.64	− 3.84	+11 11 13.4	−12.3
20	B. D.+11°360	9	31 29.85	+ 0.59	− 2.84	26 49 56.45	41.970	+10.03	+ 30.8	2 31 27.60	− 3.87	+12 2 3.9	−12.2
21	B. D.+10°352	9	33 59.28	+ 0.58	− 2.84	28 37 55.15	43.128	+10.03	+ 33.2	2 33 57.02	− 3.84	+10 13 36.3	−11.7
22	B. D.+10°360	9	37 24.82	+ 0.58	− 2.84	28 29 56.38	46.962	+10.03	+ 33.1	2 37 22.56	− 3.85	+10 20 7.6	−11.4
23	B. D.+18°344	9	41 3.23	+ 0.62	− 2.84	20 23 54.55	47.210	+10.03	+ 22.7	2 41 1.01	− 4.08	+18 26 14.1	−12.3
24	B. D.+16°355	9	44 2.30	+ 0.61	− 2.84	21 47 55.30	42.245	+10.03	+ 24.4	2 44 0.07	− 4.05	+17 4 5.1	−11.8
25	σ Arietis	9	46 17.68	+ 0.60	− **2.83**	24 9 55.35	43.980	+10.03	+ 27.3	2 46 15.44	.....	+14 41 22.5	....
26	ε Arietis (*mean*)	9	53 49.60	+ 0.63	− **2.80**	17 53 56.60	43.758	+10.03	+ 19.7	2 53 47.39	.....	+20 57 33.9	....
27	α Ceti	9	57 21.68	+ 0.55	− **2.85**	35 7 56.20	44.470	+10.03	+ 42.8	2 57 19.39	.....	+ 3 42 55.0	....
	November 28, Br.												
28	Moon II, S.	9	49 18.29	+ 0.65	− 2.98	28 3 56.22	44.272	+11.06	+ 32.2	9 49 15.96	−68.19	+10 47 9.0	....
29	μ Hydræ	9	21 31.99	+ 0.48	− **3.07**	55 11 57.68	42.150	+11.06	+1 26.7	10 21 29.49	.....	−16 20 58.3	....
30	*l* Leonis	9	44 17.45	+ 0.63	− **2.97**	27 47 56.22	45.135	+11.06	+ 31.8	10 44 15.10	.....	+11 2 49.8	....
31	α Crateris	9	55 10.74	+ 0.47	− **3.04**	56 37 54.90	43.315	+11.06	+1 31.4	10 55 8.23	.....	−17 47 26.8	....
32	χ Leonis	9	0 8.59	+ 0.61	− **3.00**	30 59 55.92	44.600	+11.06	+ 36.3	11 0 6.22	.....	+ 7 50 58.0	....
	November 30, M.												
33	Sun I, S.	8	24 9.84	+ 0.24	− 3.07	60 45 35.28	46.208	+ 4.93	+1 41.7	16 24 7.01	+70.15	−21 56 17.9	....
34	Sun II, N.	9	26 30.14	+ 0.24	− 3.07	60 13 46.92	44.600	+ 4.93	+1 39.5	16 26 27.31	−70.15	−21 23 49.7	....
35	20 Pegasi	9	56 29.64	+ 0.43	− 3.12	26 11 58.62	43.150	−12.00	+ 28.7	21 56 26.95	− 2.19	+12 39 58.9	−25.9
36	α Aquarii	9	0 56.28	+ 0.34	− **3.14**	39 37 59.92	44.478	−12.00	+ 48.3	22 0 53.50	.....	− 0 46 52.4	....
37	λ Piscis Australis	9	8 57.67	+ 0.12	− 3.12	67 4 0.12	44.665	−12.00	+2 17.3	22 8 54.67	− 2.22	−28 14 25.7	−11.7
38	29 H. Camelopardalis S. P.	9	15 56.32	− 3.34	− 3.12	303 35 52.92	47.925	−12.00	−1 27.3	10 15 49.86	.....	+84 43 48.2	....
39	β Piscis Australis	9	26 8.32	+ 0.08	− 3.12	71 37 59.65	47.645	−12.00	+2 54.8	22 26 5.28	− 2.27	−32 50 10.8	−10.0
40	η Aquarii	9	30 30.62	+ 0.34	− **3.12**	39 25 58.72	48.615	−12.00	+ 48.1	22 30 27.84	.....	− 0 36 25.5	....
41	35 H. Ursæ Majoris S. P.	9	36 17.93	− 0.53	− 3.12	288 27 53.55	47.188	−12.00	−2 52.6	10 36 14.28	− 2.00	+69 34 6.9	+36.2
42	λ Pegasi	9	41 59.57	+ 0.50	− **3.11**	15 47 58.30	43.495	−12.00	+ 16.6	22 41 56.94	.....	+23 4 3.4	....
43	λ Aquarii	9	47 41.77	+ 0.30	− **3.17**	46 56 0.48	44.612	−12.00	+1 2.6	22 47 38.94	.....	− 8 5 10.2	....
44	52 Pegasi	9	54 28.97	+ 0.42	− 3.13	27 37 59.15	44.808	−12.00	+ 30.7	22 54 26.26	− 2.60	+11 13 18.4	−24.9
45	3 Andromedæ	9	59 57.62	+ 0.75	− 3.13	349 19 57.32	43.902	−12.00	− 11.0	22 59 55.24	− 3.01	+49 32 22.5	−35.2
46	5 Andromedæ	9	3 29.03	+ 0.74	− 3.13	350 3 55.88	47.745	−12.00	− 10.2	23 3 26.64	− 3.05	+48 46 55.3	−35.0
47	φ Aquarii	9	9 26.47	+ 0.30	− **3.10**	45 23 58.38	46.330	−12.00	+ 59.5	23 9 23.64	.....	− 6 33 44.5	....
48	10 Andromedæ	9	15 23.60	+ 0.66	− 3.13	357 17 57.70	45.405	−12.00	− 2.7	23 15 21.13	− 3.09	+41 33 39.6	−33.1
	November 30, Ei.-Y.												
49	ζ Andromedæ	9	42 21.10	+ 0.50	− **3.14**	15 5 58.95	46.115	−12.56	+ 16.0	0 42 18.46	.....	+23 45 4.0	....
50	δ Piscium	9	43 48.05	+ 0.40	− **3.12**	31 45 59.18	47.875	−12.45	+ 36.6	0 43 45.31	.....	+ 7 4 2.9	....
51	B. D.+ 8°159	9	57 48.08	+ 0.40	− 3.15	30 13 58.15	44.660	−12.45	+ 34.4	0 57 45.33	− 3.36	+ 8 37 19.6	−18.7
52	B. D.+15°164	9	2 53.25	+ 0.44	− 3.15	23 29 58.55	44.832	−12.45	+ 25.7	1 2 50.54	− 3.52	+15 21 23.9	−20.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
28 1 51	......	....	27.9
2 10	29.95	27.8	28.2
2 35	......	....	28.1
2 58	29.94	27.9	28.0
9 50	29.83	30.9	30.1
10 22	......	....	30.0
10 44	......	....	30.0
11 0	29.81	30.9	30.0
30 16 27	29.63	52.1	53.8
21 52	29.63	45.0	43.6
22 21	......	....	42.3
22 44	29.65	42.7	41.3
23 13	29.66	41.7	40.7
0 40	29.695	39.8	38.9

Micrometer bisections are made at II, VI, except as noted below.

13, 18, 20, 50. Bisections at II, VII.
28. Bisections at II, III, IV, V, VI.
32. Bisection at VI.
33. Bisections at I, II.
34. Bisections at VI, VII.
38, 41. Bisections at III, IV, V.
47. Bisection at II.

Notes.

2, 6, 7, 32. Clouds.
8, 9. At times very faint.
37. Unsteady.
49. Two microscopes used.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
28	+27 32.9	+16 4.0	...	+43 36.9
33	+ 7.8	+16 14.1	...	+16 21.9
34	+ 7.7	−16 14.0	...	−16 6.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+15°123	9	6 4.26	+ 0.45	− 3.15	22 33 58.55	47.700	−12.45	+ 24.6	1 6 1.56	− 3.56	+16 16 19.5	−20.2
2	B. D.+ 1°223	9	7 41.34	+ 0.36	− 3.15	36 51 58.52	47.372	−12.45	+ 44.4	1 7 38.55	− 3.30	+ 1 58 7.3	−16.2
3	B. D.+ 9°142	9	10 51.62	+ 0.41	− 3.15	29 33 59.68	45.875	−12.45	+ 33.6	1 10 48.88	− 3.44	+ 9 16 51.1	−18.0
4	B. D.+ 7°197	9	14 33.52	+ 0.40	− 3.15	30 55 58.65	48.820	−12.45	+ 35.5	1 14 30.77	− 3.44	+ 7 53 43.0	−17.4
5	B. D.+ 9°158	9	17 47.47	+ 0.41	− 3.15	28 57 59.88	46.948	−12.45	+ 32.8	1 17 44.73	− 3.49	+ 9 52 27.2	−17.7
6	B. D.+ 7°213	9	23 27.01	+ 0.40	− 3.15	31 21 57.00	47.830	−12.45	+ 36.1	1 23 24.26	− 3.48	+ 7 28 6.6	−16.7
7	η Piscium	9	26 27.11	+ 0.44	− **3.21**	23 59 57.82	44.965	−12.45	+ 26.4	1 26 24.40	.....	+14 51 20.9	....
8	B. D.+13°238	9	29 53.61	+ 0.44	− 3.15	24 55 58.58	48.705	−12.45	+ 27.6	1 29 50.90	− 3.64	+13 53 53.5	−17.8
9	B. D.+ 7°240	9	31 47.92	+ 0.40	− 3.15	31 29 58.82	46.160	−12.45	+ 36.3	1 31 45.17	− 3.51	+ 7 20 42.8	−16.0
10	ν Piscium	9	36 32.36	+ 0.38	− **3.17**	33 50 0.32	46.905	−12.45	+ 39.7	1 36 29.59	.....	+ 5 0 20.8	....
11	B. D.+ 7°321	9	59 53.54	+ 0.40	− 3.15	31 33 59.00	46.070	−12.45	+ 36.5	1 59 50.79	− 3.64	+ 7 16 44.4	−13.9
12	B. D.+ 5°285	9	2 51.76	+ 0.39	− 3.15	33 19 58.68	42.855	−12.45	+ 39.0	2 2 49.00	− 3.61	+ 5 31 55.7	−13.3
13	B. D.+12°292	9	4 42.56	+ 0.43	− 3.15	26 7 58.25	44.400	−12.45	+ 29.1	2 4 39.84	− 3.78	+12 43 30.7	−14.7
14	B. D.+14°357	8	7 55.56	+ 0.44	− 3.15	24 1 57.65	43.135	−12.45	+ 26.5	2 7 52.85	− 3.85	+14 50 2.8	−14.8
15	B. D.+ 9°296	9	11 51.71	+ 0.41	− 3.15	29 29 58.65	46.430	−12.45	+ 33.6	2 11 48.97	− 3.73	+ 9 20 39.5	−13.4
16	B. D.+13°371	9	15 6.86	+ 0.43	− 3.15	24 59 58.35	44.110	−12.45	+ 27.7	2 15 4.14	− 3.85	+13 51 38.6	−14.0
17	B. D.+17°353	9	17 27.34	+ 0.46	− 3.15	20 53 57.58	42.212	−12.45	+ 22.7	2 17 24.65	− 3.97	+17 58 27.8	−14.5
18	B. D.+11°335	9	20 30.64	+ 0.42	− 3.15	27 17 58.98	45.938	−12.45	+ 30.7	2 20 27.91	− 3.82	+11 32 53.3	−13.1
19	ξ² Ceti	9	23 9.72	+ 0.40	− **3.15**	30 49 58.48	42.858	−12.45	+ 35.4	2 23 6.97	.....	+ 8 1 59.4	....
20	27 Arietis	9	25 41.42	+ 0.46	− 3.15	21 33 56.90	46.080	−12.45	+ 23.5	2 25 38.73	− 3.99	+17 16 59.3	−13.6
21	B. D.+ 6°392	9	30 5.59	+ 0.40	− 3.15	31 47 58.55	44.375	−12.45	+ 36.8	2 30 2.84	− 3.75	+ 7 3 23.3	−11.4
22	B. D.+24°376	9	31 35.00	+ 0.50	− 3.16	14 37 59.00	43.692	−12.45	+ 15.6	2 31 32.34	− 4.23	+24 13 59.6	−14.1
23	B. D.+17°414	9	35 17.74	+ 0.46	− 3.16	20 39 57.68	45.050	−12.45	+ 22.5	2 35 15.04	− 4.05	+18 11 23.0	−12.8
24	B. D.+17°426	9	39 4.24	+ 0.46	− 3.16	21 29 58.52	44.250	−12.45	+ 23.4	2 39 1.54	− 4.04	+17 21 39.6	−12.3
25	B. D.+22°392	9	41 52.09	+ 0.49	− 3.16	16 17 58.92	44.418	−12.45	+ 17.4	2 41 49.42	− 4.21	+22 33 41.3	−12.8
26	B. D.+12°392	9	44 46.23	+ 0.42	− 3.16	26 35 58.60	43.988	−12.45	+ 29.8	2 44 43.49	− 3.92	+12 15 39.1	−11.0
27	B. D.+15°400	9	47 57.60	+ 0.45	− 3.16	22 45 57.30	44.180	−12.45	+ 25.0	2 47 54.89	− 4.04	+16 5 40.8	−11.3
28	B. D.+22°406	9	50 14.89	+ 0.49	− 3.16	16 37 58.85	46.085	−12.45	+ 17.8	2 50 12.22	− 4.23	+22 13 3.1	−11.7
29	B. D.+21°397	9	53 29.63	+ 0.48	− 3.16	17 37 58.52	43.025	−12.45	+ 18.9	2 53 26.95	− 4.21	+21 14 12.0	−11.4
30	B. D.+10°401	9	55 38.24	+ 0.41	− 3.16	28 21 58.75	44.145	−12.45	+ 32.1	2 55 35.49	− 3.91	+10 29 33.1	− 9.7
31	B. D.+24°431	9	59 55.72	+ 0.51	− 3.16	13 57 58.58	46.168	−12.45	+ 14.9	2 59 53.07	− 4.36	+24 53 4.2	−11.2
32	B. D.+14°518	9	3 30.38	+ 0.44	− 3.16	23 51 57.82	47.255	−12.45	+ 26.4	3 3 27.66	− 4.06	+14 58 28.6	− 9.6
33	B. D.+23°423	8	8 30.93	+ 0.50	− 3.16	14 55 58.18	47.565	−12.45	+ 15.9	3 8 28.27	− 4.35	+23 54 31.6	−10.1
34	B. D.+21°432	9	11 58.01	+ 0.49	− 3.16	16 55 58.55	43.680	−12.45	+ 18.2	3 11 55.34	− 4.30	+21 55 57.8	− 9.5
35	B. D.+16°423	9	14 40.51	+ 0.45	− 3.16	21 41 57.20	45.455	−12.45	+ 23.8	3 14 37.80	− 4.15	+17 9 12.7	− 8.7
36	τ¹ Arietis	9	15 47.89	+ 0.48	− **3.11**	18 1 57.50	48.265	−12.45	+ 19.5	3 15 45.21	.....	+20 48 12.7	....
37	B. D.+24°481	9	18 45.22	+ 0.50	− 3.16	14 27 58.92	45.835	−12.45	+ 15.4	3 18 42.56	− 4.40	+24 23 10.9	− 9.0
38	B. D.+18°484	9	21 41.23	+ 0.46	− 3.16	20 25 56.92	45.130	−12.45	+ 22.2	3 21 38.53	− 4.20	+18 25 22.3	− 8.1
39	*f* Tauri	9	25 41.07	+ 0.43	− **3.15**	26 13 58.58	46.835	−12.45	+ 29.4	3 25 38.34	.....	+12 36 34.4	....
	November 30, Br.												
40	83 Cancri	9	13 43.26	+ 0.54	− **3.20**	20 44 0.08	46.785	+ 5.70	+ 22.8	9 13 40.51	.....	+18 6 22.5	....
41	ξ Leonis	9	26 52.05	+ 0.50	− **3.24**	27 8 0.42	44.362	+ 5.70	+ 30.9	9 26 49.26	.....	+11 43 9.5	....
42	2 Sextantis	9	33 32.59	+ 0.47	− 3.29	33 46 0.85	45.228	+ 5.70	+ 40.4	9 33 29.77	− 2.87	+ 5 4 39.8	+17.2
43	ψ Leonis	8	38 35.99	+ 0.52	− 3.29	24 24 0.25	44.160	+ 5.70	+ 27.4	9 38 33.22	− 2.87	+14 27 17.8	+20.5
44	μ Leonis	9	47 23.93	+ 0.60	− **3.36**	12 24 0.18	45.240	+ 5.70	+ 13.3	9 47 21.24	.....	+26 27 7.2	....
45	[illegible] Leonis	9	53 9.18	+ 0.51	− 3.29	25 55 59.80	47.975	+ 5.70	+ 29.4	9 53 6.40	− 2.76	+12 53 49.0	+20.1
46	α Leonis	9	3 21.15	+ 0.51	− **3.30**	26 24 0.62	47.850	+ 5.70	+ 30.1	10 3 18.37	.....	+12 25 50.4	....
47	138 B. Ursæ Majoris	9	14 23.90	+ 0.89	− 3.30	344 9 57.22	46.045	+ 5.70	− 17.0	10 14 21.49	− 2.63	+54 41 22.1	+33.2
48	48 Leonis	9	29 52.98	+ 0.48	− 3.30	31 24 0.00	45.660	+ 5.70	+ 36.9	10 29 50.16	− 2.51	+ 7 26 34.2	+18.1
49	39 Ursæ Majoris	9	37 44.49	+ 0.94	− 3.30	341 9 57.88	45.500	+ 5.70	− 20.5	10 37 42.13	− 2.19	+57 41 37.4	+33.9
50	*l* Leonis	9	44 17.94	+ 0.50	− **3.27**	27 48 0.88	45.022	+ 5.70	+ 31.9	10 44 15.14	.....	+11 2 52.9	....
51	α Crateris	9	55 11.32	+ 0.32	− **3.40**	56 37 59.90	43.290	+ 5.70	+1 31.5	10 55 8.34	.....	−17 47 26.0	....
52	χ Leonis	9	0 9.08	+ 0.48	− **3.30**	31 0 0.52	44.628	+ 5.70	+ 36.3	11 0 6.26	.....	+ 7 50 57.9	....
53	Moon II, S.	9	42 10.31	+ 0.46	− 3.30	36 42 0.38	45.075	+ 5.70	+ 45.1	11 42 7.47	−67.42	+ 2 8 39.0	....
	December 1, Br.												
54	Sun I	9	28 28.89	+ 0.35	− 3.33	60 40	......	....	. ....	16 28 25.91	+70.22	.. ..	....
55	Sun II	9	30 49.33	+ 0.35	− 3.33	... .	......	....	. ....	16 30 46.35	−70.22	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 1 9	......	....	[illegible]
1 38	29.715	38.1	37.0
2 7	......	....	[illegible]
2 33	29.73	[illegible]	35.8
3 2	......	....	35.0
3 27	29.73	35.2	34.2
9 10	29.745	30.2	30.9
9 41			27.9
10 3	29.74	29.6	28.0
10 30	......	....	28.3
10 44	......	....	[illegible]
11 0	29.755	29.8	28.9
11 42	[illegible]	[illegible]	28.3

Micrometer bisections are made at II, VI, except as noted below.

9, 17, 18, 23. Bisections at II, VII.
28. Bisections at VI, VII.
35. Bisections at I, II.
47, 49. Bisections at III, V.
53. Bisections at II, III, IV, V, VI.

Note.

40–53. Conditions very poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
53	+35 20.1	+16 12.1	...	+51 32.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ρ Cassiopeiæ	9	49 41.46	+ 0.98	− 3.37	341 53 58.80	43.170	+ 6.42	− 19.3	23 49 39.07	− 4.05	+56 58 27.8	−34.4
2	2 Ceti	9	58 55.18	+ 0.32	− **3.40**	56 42 0.30	44.930	+ 6.42	+1 30.0	23 58 52.13	.....	−17 52 3.1	....
3	6 B. Ursæ Minoris s. p.	9	14 3.44	−10.55	− 3.37	307 5 55.40	45.467	+ 6.42	−1 18.0	12 13 49.52	.....	+88 13 21.6	....
4	12 Ceti	9	25 14.39	+ 0.41	− **3.42**	43 20 2.05	43.675	+ 6.42	+ 56.0	0 25 11.43	.....	− 4 29 2.2	....
5	ζ Cassiopeiæ	9	31 44.11	+ 0.92	− 3.37	345 29 59.20	42.615	+ 6.42	− 15.3	0 31 41.66	.....	+53 22 36.1	....
6	α Cassiopeiæ	9	35 10.55	+ 0.96	− 3.37	342 49 57.80	46.605	+ 6.42	− 18.2	0 35 8.14	.....	+56 1 9.2	....
7	21 Cassiopeiæ	9	39 27.31	+ 1.69	− 3.37	324 23 57.48	44.630	+ 6.42	− 42.3	0 39 25.63	.....	+74 28 18.5	....
8	ν Andromedæ	9	44 37.74	+ 0.75	− 3.37	358 17 59.72	44.112	+ 6.42	− 1.7	0 44 35.12	.....	+40 33 47.8	....
9	43 H. Cephei	9	55 53.33	+ 5.07	− 3.38	313 7 56.20	43.690	+ 6.42	−1 3.1	0 55 55.02	.....	+85 45 2.0	....
10	ζ¹ Piscium	9	8 49.18	+ 0.49	− **3.37**	31 45 59.45	46.302	+ 6.42	+ 36.8	1 8 46.29	.....	+ 7 4 19.5	....
11	υ Piscium	9	14 17.87	+ 0.63	− **3.36**	12 6 0.20	43.178	+ 6.42	+ 12.8	1 14 15.12	.....	+26 45 53.8	....
12	δ Cassiopeiæ	9	19 39.88	+ 1.04	− 3.38	339 7 58.02	42.925	+ 6.42	− 22.6	1 19 37.54	.....	+59 44 37.5	....
13	υ Andromedæ	9	31 16.71	+ 0.76	− 3.38	357 55 59.48	43.922	+ 6.42	− 2.1	1 31 14.09	.....	+40 55 52.8	....
14	ω Cassiopeiæ	9	35 22.71	+ 1.29	− 3.38	331 17 57.70	45.335	+ 6.42	− 32.4	1 35 20.62	.....	+67 33 52.5	....
15	ο Piscium	9	40 25.87	+ 0.50	− **3.39**	30 10 0.50	45.378	+ 6.42	+ 34.6	1 40 22.99	.....	+ 8 40 41.8	....
16	ε Cassiopeiæ	9	47 37.84	+ 1.13	− 3.38	335 39 57.60	44.158	+ 6.42	− 26.8	1 47 35.59	.....	+63 12 13.9	....
17	50 Cassiopeiæ	9	55 24.20	+ 1.51	− 3.38	326 53 56.08	45.850	+ 6.42	− 38.6	1 55 22.33	.....	+71 57 48.5	....
18	α Arietis	9	1 52.39	+ 0.60	− **3.36**	15 50 0.18	46.010	+ 6.42	+ 16.9	2 1 49.61	.....	+23 0 45.3	....
19	55 Cassiopeiæ	9	7 6.03	+ 1.22	− 3.38	332 47 56.48	42.780	+ 6.42	− 30.5	2 7 3.87	.....	+66 4 50.2	....
20	67 Ceti	9	12 18.12	+ 0.40	− **3.43**	45 42 1.22	45.295	+ 6.42	+1 1.0	2 12 15.14	.....	− 6 51 43.4	....
21	ι Cassiopeiæ	9	21 18.96	+ 1.26	− 3.38	331 53 55.82	43.492	+ 6.42	− 31.7	2 21 16.84	.....	+66 58 35.8	....
	December 1, M.												
22	ε Hydræ	9	41 47.68	+ 0.48	− **3.32**	32 4 1.85	47.112	+ 6.89	+ 37.6	8 41 44.85	.....	+ 6 45 57.3	....
23	76 Draconis s. p.	7	49 34.65	− 2.05	− 3.32	301 3 56.78	45.758	+ 6.89	−1 38.7	20 49 29.28	.....	+82 11 10.2	....
24	ν Cancri	9	57 13.66	+ 0.61	− 3.32	14 2 0.82	44.258	+ 6.89	+ 15.0	8 57 10.95	− 3.30	+24 49 26.1	+22.9
25	ξ Cancri	9	3 56.45	+ 0.59	− 3.32	16 26 1.40	43.630	+ 6.89	+ 17.7	9 3 53.72	− 3.22	+22 25 37.2	+22.4
26	θ Hydræ	9	9 28.17	+ 0.46	− **3.31**	36 8 1.38	44.502	+ 6.89	+ 43.8	9 9 25.31	.....	+ 2 42 51.4	....
27	83 Cancri	8	13 43.34	+ 0.56	− **3.27**	20 44	......	....	. ....	9 13 40.58	.....	+18 6	....
28	ξ Leonis	9	26 52.14	+ 0.51	− **3.30**	27 8 2.00	44.298	+ 6.89	+ 30.7	9 26 49.33	.....	+11 43 8.4	....
29	ο Leonis	9	36 7.42	+ 0.51	− **3.30**	28 32 1.92	43.550	+ 6.89	+ 32.6	9 36 4.61	.....	+10 19 23.6	....
	December 6, Br.												
30	Sun I, S.	9	50 12.91	+ 0.47	− 4.02	61 36 1.05	46.478	+ 7.83	+1 50.9	16 50 9.36	+70.63	−22 47 1.9	....
31	Sun II, N.	9	52 34.17	+ 0.47	− 4.02	61 4 2.98	45.230	+ 7.83	+1 48.5	16 52 30.62	−70.63	−22 14 32.1	....
32	Venus I, C.	9	36 53.19	+ 0.43	− 4.03	62 32 2.72	43.292	+ 6.80	+1 54.7	19 36 49.59	+ 0.52	−23 41 53.1	....
33	δ Aquarii	9	49 39.37	+ 0.46	− **4.06**	55 10	......	....	. ....	22 49 35.79	.....	−16 19	....
34	φ Aquarii	9	9 27.13	+ 0.52	− **4.06**	45 24	......	....	. ....	23 9 23.61	.....	− 6 33	....
35	υ Pegasi	9	20 41.31	+ 0.71	− **3.98**	15 58	......	....	. ....	23 20 37.98	.....	+22 52	....
36	ι Piscium	9	35 6.99	+ 0.60	− **4.06**	33 46	......	....	. ....	23 35 3.54	.....	+ 5 6	....
37	2 Ceti	7	58 55.68	+ 0.45	− **4.09**	56 42	......	....	. ....	23 58 52.08	.....	−17 52	....
38	α Andromedæ	9	3 31.99	+ 0.75	− **4.03**	10 18	......	....	. ....	0 3 28.69	.....	+28 34	....
39	γ Pegasi	9	8 24.00	+ 0.65	− **4.06**	24 12	......	....	. ....	0 8 20.60	.....	+14 39	....
40	ι Ceti	9	14 38.59	+ 0.51	− **4.03**	48 12	......	....	. ....	0 14 35.05	.....	− 9 21	....
	December 7, Br.												
41	ρ¹ Cancri	9	47 0.06	+ 0.75	− 4.28	10 10 1.02	44.465	+ 7.59	+ 10.7	8 46 56.53	− 3.65	+28 41 24.8	+24.3
42	60 Cancri	9	50 48.14	+ 0.63	− 4.28	26 52 1.80	44.090	+ 7.59	+ 30.0	8 50 44.49	− 3.40	+11 59 13.3	+19.7
43	44 B. Ursæ Majoris	9	57 6.34	+ 1.01	− 4.28	344 11 58.90	46.245	+ 7.59	− 16.6	8 57 3.07	− 4.29	+54 39 13.6	+31.2
44	ω Hydræ	9	1 2.14	+ 0.60	− 4.28	33 22 0.78	46.355	+ 7.59	+ 39.0	9 0 58.46	− 3.28	+ 5 28 13.6	+18.1
45	98 B. Cephei s. p.	9	7 28.92	− 0.85	− 4.28	296 37 57.25	45.637	+ 7.59	−1 57.0	21 7 23.79	.....	+77 44 50.3	....
46	83 Cancri	9	13 44.39	+ 0.67	− **4.24**	20 44 0.70	46.755	+ 7.59	+ 22.5	9 13 40.78	.....	+18 6 21.0	....
47	28 Hydræ	9	20 42.94	+ 0.54	− 4.28	43 22 1.55	47.470	+ 7.59	+ 55.9	9 20 39.20	− 3.13	− 4 32 29.5	+15.4
48	ξ Leonis	9	26 53.16	+ 0.63	− **4.25**	27 8 1.48	44.355	+ 7.59	+ 30.4	9 26 49.51	.....	+11 43 7.2	....
49	2 Sextantis	9	33 33.61	+ 0.60	− 4.28	33 46 1.52	45.260	+ 7.59	+ 39.6	9 33 29.93	− 3.09	+ 5 4 37.3	+18.6
50	ψ Leonis	9	38 37.06	+ 0.65	− 4.28	24 24 1.18	44.132	+ 7.59	+ 26.9	9 38 33.43	− 3.10	+14 27 16.1	+21.8
51	μ Leonis	9	47 25.03	+ 0.73	− **4.34**	12 24 1.10	45.215	+ 7.59	+ 13.1	9 47 21.48	.....	+26 27 5.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 23 39	29.77	39.0	38.8
0 5	......	....	37.8
0 19	29.78	38.0	37.2
1 5	29.78	37.2	36.9
1 40	......	....	36.2
2 2	......	....	36.0
2 21	29.79	36.0	35.5
8 39	29.84	33.8	33.5
9 8	......	....	34.0
9 39	29.87	34.4	34.2
6 16 53	[illegible]	34.0	33.4
19 37	29.87	36.0	35.0
7 8 45	29.34	32.8	32.0
9 12	......	....	31.2
9 32	29.315	31.8	31.0

Micrometer bisections are made at II, VI, except as noted below.

1, 5–8, 12–14, 16, 17, 19, 21, 43.	Bisections at III, V.
3, 9, 45.	Bisections at III, IV, V.
11, 30.	Bisections at I, II.
23.	Bisections at b_1, b_2, b_5, b_8, b_9.
26.	Bisections at II, VI, VII.
31.	Bisections at VI, VII.
32.	Bisections at I, II, VI, VII.

Notes.

2, 20, 45.	Woolly.
3, 4, 33, 34, 47.	Faint.
3, 23–29, 33–40.	Clouds.
45, 47.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
30	+ 7.8	+16 14.9	...	+16 22.7
31	+ 7.8	−16 14.9	...	−16 7.1
32	+ 6.6	.. ....	0.0	+ 6.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ν Leonis	9	53 10.24	+ 0.64	− 4.29	25 56 0.60	47.962	+ 7.59	+ 28.9	9 53 6.59	− 2.99	+12 53 46.8	+21.4
2	16 Cephei s. P.	8	57 58.80	− 0.42	− 4.29	291 35 55.72	50.085	+ 7.59	−2 27.7	21 57 54.09	− 1.10	+72 43 59.8	−38.2
3	α Leonis	9	3 22.24	+ 0.64	− **4.29**	26 24 1.32	47.890	+ 7.59	+ 29.5	10 3 18.59	.....	+12 25 47.5	....
4	138 B. Ursæ Majoris	9	14 25.14	+ 1.02	− 4.29	344 9 59.02	45.922	+ 7.59	− 16.7	10 14 21.87	− 2.97	+54 41 20.9	+34.1
5	32 H. Cephei s. P.	8	21 9.41	− 3.45	− 4.29	304 29 56.50	47.810	+ 7.59	−1 25.7	22 21 1.67	− 0.36	+85 38 10.3	−39.0
6	48 Leonis	8	29 53.94	+ 0.61	− 4.29	31 24 0.98	45.705	+ 7.59	+ 36.2	10 29 50.26	− 2.74	+ 7 25 31.1	+19.6
7	39 Ursæ Majoris	9	37 45.82	+ 1.06	− 4.29	341 9 59.15	45.400	+ 7.59	− 20.1	10 37 42.59	− 2.55	+57 41 36.1	+34.8
8	*l* Leonis	9	44 18.98	+ 0.63	− **4.21**	27 48 1.52	45.138	+ 7.59	+ 31.3	10 44 15.32	.....	+11 2 48.4	....
9	46 Leonis Minoris	9	48 2.76	+ 0.79	− 4.29	4 8 0.85	44.722	+ 7.59	+ 4.3	10 47 59.26	.....	+34 43 25.5	....
10	α Crateris	9	55 12.43	+ 0.45	− **4.41**	56 38 0.75	43.288	+ 7.59	+1 29.9	10 55 8.59	.....	−17 47 27.1	....
11	χ Leonis	9	0 10.15	+ 0.61	− **4.27**	31 0 1.08	44.595	+ 7.59	+ 35.6	11 0 6.47	.....	+ 7 50 56.9	....
	December 8, Br.												
12	Sun I, N	9	58 58.49	+ 0.40	− 4.31	61 18 1.50	43.950	+ 7.93	+1 44.6	16 58 54.58	+70.82	−22 27 58.4	....
13	Sun II, S	9	1 20.12	+ 0.40	− 4.31	61 50 3.25	45.125	+ 7.93	+1 47.0	17 1 16.21	−70.81	−23 0 28.6	....
14	Venus I, C	9	47 18.74	+ 0.37	− 4.33	62 8 2.88	43.265	+ 7.22	+1 48.8	19 47 14.78	+ 0.53	−23 17 47.2	....
15	73 G. Ceti	9	40 6.27	+ 0.34	− 4.35	61 22 2.08	43.670	+ 7.58	+1 47.5	0 40 2.26	− 2.76	−22 31 54.8	− 9,2
16	ν Andromedæ	9	44 38.57	+ 0.80	− 4.35	358 18 1.82	43.930	+ 7.58	− 1.7	0 44 35.02	.....	+40 33 48.7	....
17	43 H. Cephei	9	55 52.83	+ 5.06	− 4.35	313 7 57.80	43.470	+ 7.58	−1 2.6	0 55 53.54	.....	+85 45 3.7	....
18	ζ^1 Piscium	9	8 50.03	+ 0.54	− **4.33**	31 46 0.60	46.232	+ 7.58	+ 36.5	1 8 46.22	.....	+ 7 4 19.1	....
19	υ Piscium	9	14 18.73	+ 0.67	− **4.33**	12 6 1.40	43.065	+ 7.58	+ 12.7	1 14 15.05	.....	+26 45 54.4	....
20	δ Cassiopeiæ	9	19 40.87	+ 1.08	− 4.35	339 7 58.95	42.765	+ 7.58	− 22.4	1 19 37.60	.....	+59 44 38.8	....
21	38 Cassiopeiæ	9	24 15.08	+ 1.42	− 4.35	329 5 57.82	43.192	+ 7.58	− 35.2	1 24 12.15	.....	+69 46 42.9	....
22	υ Andromedæ	9	31 17.61	+ 0.80	− 4.35	357 56 0.25	43.798	+ 7.58	− 2.1	1 31 14.06	.....	+40 55 53.6	....
23	ω Cassiopeiæ	9	35 23.49	+ 1.32	− 4.35	331 17 58.05	45.180	+ 7.58	− 32.2	1 35 20.46	.....	+67 33 54.3	....
24	ο Piscium	8	40 26.77	+ 0.55	− **4.39**	30 10 1.10	45.295	+ 7.58	+ 34.3	1 40 22.97	.....	+ 8 40 42.2	....
25	ε Cassiopeiæ	9	47 38.69	+ 1.17	− 4.35	335 39 58.25	44.018	+ 7.58	− 26.6	1 47 35.51	.....	+63 12 15.1	....
26	50 Cassiopeiæ	9	55 25.18	+ 1.54	− 4.35	326 53 56.85	45.688	+ 7.58	− 38.3	1 55 22.37	.....	+71 57 50.0	....
27	α Arietis	9	1 53.33	+ 0.64	− **4.37**	15 50 0.80	45.932	+ 7.58	+ 16.8	2 1 49.62	.....	+23 0 45.4	....
28	55 Cassiopeiæ	9	7 7.01	+ 1.26	− 4.35	332 47 57.48	42.605	+ 7.58	− 30.2	2 7 3.92	.....	+66 4 51.7	....
29	67 Ceti	9	12 18.98	+ 0.45	− **4.37**	45 42 1.62	45.322	+ 7.58	+1 0.5	2 12 15.07	.....	− 6 51 44.8	....
30	ι Cassiopeiæ	9	21 19.81	+ 1.30	− 4.36	331 53 57.78	43.208	+ 7.58	− 31.4	2 21 16.75	.....	+66 58 38.8	....
31	5 Ursæ Minoris s. P.	9	27 41.81	− 0.89	− 4.36	295 1 55.25	41.367	+ 7.58	−2 5.6	14 27 36.56	.....	+76 7 2.1	....
32	ν Arietis	9	33 29.64	+ 0.63	− **4.33**	17 18 1.18	45.250	+ 7.58	+ 18.5	2 33 25.91	.....	+21 32 58.6	....
33	θ Persei	9	37 47.35	+ 1.00	− 4.36	350 1 59.12	44.870	+ 7.58	− 10.3	2 37 43.99	.....	+48 49 38.5	....
34	β Fornacis	9	45 11.58	+ 0.25	− 4.36	71 35 59.52	47.635	+ 7.58	+2 56.7	2 45 7.47	.....	−32 48 32.0	....
	December 12, M.												
35	Moon I, S	9	0 19.99	+ 0.78	− 4.81	50 34 0.80	44.282	+ 8.40	+1 13.5	22 0 15.96	+62.83	−11 43 34.2	....
36	α Ursæ Minoris	9	25 32.22	+ 8.70	− 4.84	310 3 56.82	46.149	+ 8.40	−1 12.2	1 25 36.08	.....	+88 48 11.4	....
37	ν Piscium	9	36 33.51	+ 0.78	− **4.80**	33 50 0.85	46.018	+ 8.40	+ 41.0	1 36 29.45	.....	+ 5 0 18.4	....
38	τ Ceti	9	39 43.58	+ 0.71	− **4.85**	55 16 0.60	46.040	+ 8.40	+1 28.0	1 39 39.45	.....	−16 26 28.8	....
39	ζ Ceti	9	46 50.62	+ 0.73	− **4.84**	49 38 1.22	46.620	+ 8.40	+1 11.9	1 46 46.51	.....	−10 48 26.6	....
40	β Arietis	9	49 27.99	+ 0.82	− **4.88**	18 30 0.32	46.200	+ 8.40	+ 20.5	1 49 23.97	.....	+20 20 35.2	....
41	δ Ceti	9	34 41.37	+ 0.76	− **4.86**	38 56 0.12	43.915	+ 8.40	+ 49.4	2 34 37.29	.....	− 0 5 1.2	....
42	γ Ceti	9	38 27.31	+ 0.77	− **4.90**	36 0 0.68	46.670	+ 8.40	+ 44.5	2 38 23.24	.....	+ 2 50 0.2	....
43	41 Arietis	9	44 28.16	+ 0.85	− **4.80**	11 58 0.30	47.855	+ 8.40	+ 13.0	2 44 24.17	.....	+26 52 4.9	....
44	η Eridani	9	51 51.82	+ 0.73	− **4.83**	48 6 3.10	47.582	+ 8.40	+1 8.2	2 51 47.70	.....	− 9 16 46.7	....
45	α Ceti	9	57 23.43	+ 0.77	− **4.82**	35 8 0.58	44.438	+ 8.40	+ 43.1	2 57 19.35	.....	+ 3 42 52.7	....
46	57 B. Ursæ Minoris s. P.	9	7 13.22	− 3.17	− 4.85	306 27 54.52	46.971	+ 8.40	−1 22.3	15 7 5.20	.....	+87 35 53.1	....
	December 13, Br.												
47	Sun I, S	9	20 59.86	+ 0.67	− 5.04	62 16 2.88	44.078	+ 8.62	+1 54.1	17 20 55.49	+71.09	−23 26 12.8	....
48	Sun II, N	4	23 22.03	+ 0.67	− 5.04	61 44 2.15	42.855	+ 8.62	+1 51.6	17 23 17.66	−71.08	−22 53 41.0	....
49	Mercury C, C	9	51 58.76	+ 0.66	− 5.05	63 40 0.50	44.442	+ 7.93	+2 1.5	18 51 54.37	+ 0.08	−24 50 25.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 10 14	......	....	30.1
10 51	......	....	29.8
11 4	29.275	30.2	29.8
8 17 1	29.23	42.2	44.1
19 47	29.29	44.0	43.0
0 32	29.47	36.7	36.5
0 58	......	....	35.9
1 40	29.495	35.2	35.2
2 12	......	....	34.9
2 45	29.51	34.9	34.2
12 22 0	29.50	24.9	24.0
1 14	29.54	21.0	20.5
1 45	......	....	20.0
2 33	......	....	19.6
3 14	29.56	20.2	19.7
13 17 23	29.78	31.2	30.7
18 52	29.795	30.2	29.9

Micrometer bisections are made at II, VI, except as noted below.

1, 12, 32, 47.	Bisections at I, II.
2, 5, 17, 31.	Bisections at III, IV, V.
4, 7, 16, 20–23, 25, 26, 28, 30, 33.	Bisections at III, V.
13, 29, 48.	Bisections at VI, VII.
14, 49.	Bisections at I, II, VI, VII.
35.	Bisections at II, III, IV, V, VI.
36, 46.	Bisections at b_1, b_2, b_5, b_8, b_9.

Notes.

1-11, 36–46.	Conditions poor.
5, 10, 11.	Very unsteady.
6, 16, 25, 26.	Faint.
10, 11.	Woolly.
15–17, 24–26, 31, 36.	Clouds.
36.	Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
12	+ 7.8	−16 15.0	...	−16 7.2
13	+ 7.9	+16 15.1	...	+16 23.0
14	+ 6.6	.. ....	0.0	+ 6.6
35	+42 6.5	+14 55.5	...	+57 2.0
47	+ 7.9	+16 15.9	...	+16 23.8
48	+ 7.9	−16 15.9	...	−16 8.0
49	+ 7.8	.. ....	0.0	+ 7.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, C	9	12 59.84	+ 0.66	− 5.06	60 56 1.62	43.711	+ 7.93	+1 48.5	20 12 55.44	+ 0.54	−22 5 56.6	....
2	Venus II	9	13 0.67	+ 0.66	− 5.06	... .	......	....	. ....	20 12 56.27	− 0.29	.. ..	....
3	Moon I, S	9	48 15.73	+ 0.73	− 5.07	47 4 1.18	43.142	+ 7.68	+1 5.5	22 48 11.37	+61.81	− 8 12 59.8	....
4	2 Ceti	9	58 56.42	+ 0.68	− **5.16**	56 41 59.85	44.822	+ 7.68	+1 33.2	23 58 52.02	.....	−17 52 4.7	....
5	5 Ceti	9	3 24.26	+ 0.73	− 5.08	41 47 58.82	48.112	+ 7.68	+ 54.8	0 3 19.91	− 2.74	− 2 58 40.2	−13.9
6	γ Pegasi	9	8 24.76	+ 0.80	− **5.06**	24 11 59.42	43.960	+ 7.68	+ 27.6	0 8 20.48	.....	+14 39 21.2	....
7	ι Ceti	9	14 39.43	+ 0.71	− **5.15**	48 12 0.80	43.505	+ 7.68	+1 8.5	0 14 35.06	.....	− 9 21 10.8	....
8	12 Ceti	9	25 15.57	+ 0.73	− **5.05**	43 20 0.72	43.605	+ 7.68	+ 57.8	0 25 11.22	.....	− 4 29 2.6	....
9	ζ Cassiopeiæ	9	31 45.45	+ 1.03	− 5.08	345 29 58.68	42.565	+ 7.68	− 15.8	0 31 41.40	.....	+53 22 37.0	....
10	α Cassiopeiæ	8	35 11.84	+ 1.06	− 5.08	342 49 57.38	46.565	+ 7.68	− 18.8	0 35 7.82	.....	+56 1 9.9	....
11	δ Piscium	9	43 49.49	+ 0.77	− **5.06**	31 45 58.78	46.975	+ 7.68	+ 38.1	0 43 45.18	.....	+ 7 4 2.0	....
12	20 Ceti	9	48 13.42	+ 0.74	− **5.07**	40 29 59.18	45.645	+ 7.68	+ 52.5	0 48 9.08	.....	− 1 39 42.1	....
13	43 H. Cephei	9	55 54.11	+ 3.56	− 5.08	313 7 55.82	43.608	+ 7.68	−1 5.3	0 55 52.59	.....	+85 45 5.2	....
14	ζ¹ Piscium	9	8 50.46	+ 0.77	− **5.03**	31 45 59.65	46.212	+ 7.68	+ 38.1	1 8 46.15	.....	+ 7 4 18.8	....
15	υ Piscium	9	14 19.22	+ 0.85	− **5.05**	12 5 59.45	43.130	+ 7.68	+ 13.2	1 14 14.99	.....	+26 45 54.0	....
16	δ Cassiopeiæ	9	19 41.23	+ 1.10	− 5.08	339 7 57.45	42.862	+ 7.68	− 23.4	1 19 37.25	.....	+59 44 39.0	....
17	38 Cassiopeiæ	9	24 15.63	+ 1.31	− 5.08	329 5 56.08	43.318	+ 7.68	− 36.7	1 24 11.86	.....	+69 46 43.2	....
	December 14, M.												
18	Sun I, S	9	25 25.03	+ 0.71	− 5.10	62 18 2.62	48.580	+ 8.52	+1 58.2	17 25 20.64	+71.12	−23 29 59.3	....
19	Sun II, N	9	27 47.28	+ 0.71	− 5.10	61 46 0.60	47.415	+ 8.52	+1 55.5	17 27 42.89	−71.13	−22 57 27.4	....
20	Venus I, C	9	18 3.73	+ 0.75	− 5.12	60 40 2.65	43.015	+ 7.68	+1 49.4	20 17 59.36	+ 0.54	−21 49 42.3	....
21	Moon I, S	9	34 57.66	+ 0.85	− 5.16	43 16 2.50	45.972	+ 7.68	+ 58.6	23 34 53.35	+61.24	− 4 25 58.9	....
22	ε Andromedæ	9	33 36.49	+ 0.93	− **5.15**	10 4 1.35	43.405	+ 7.68	+ 11.1	0 33 32.26	.....	+28 47 48.2	....
23	β Ceti	9	38 53.43	+ 0.78	− **5.16**	57 20 1.40	46.200	+ 7.68	+1 37.1	0 38 49.05	.....	−18 30 41.6	....
24	ζ Andromedæ	9	42 22.57	+ 0.91	− **5.18**	15 6 1.92	45.135	+ 7.68	+ 16.9	0 42 18.32	.....	+23 45 2.6	....
25	20 Ceti	9	48 13.46	+ 0.83	− **5.21**	40 30 1.95	45.502	+ 7.68	+ 53.3	0 48 9.12	.....	− 1 39 42.4	....
26	ε Piscium	9	58 5.08	+ 0.86	− **5.13**	31 28 0.55	45.265	+ 7.68	+ 38.2	0 58 0.77	.....	+ 7 22 39.4	....
27	ζ¹ Piscium	9	8 50.46	+ 0.86	− **5.13**	31 46 1.32	46.128	+ 7.68	+ 38.7	1 8 46.15	.....	+ 7 4 18.4	....
28	υ Piscium	9	14 19.27	+ 0.93	− **5.19**	12 6 1.92	43.022	+ 7.68	+ 13.4	1 14 15.03	.....	+26 45 54.1	....
29	θ Ceti	9	19 20.93	+ 0.81	− **5.18**	47 30 2.55	47.145	+ 7.68	+1 8.1	1 19 16.57	.....	− 8 40 35.4	....
	December 16, M.												
30	Sun I, N	9	34 16.69	+ 0.79	− 5.43	61 52 1.98	47.840	+ 8.47	+1 52.5	17 34 12.05	+71.10	−23 3 36.1	....
31	Sun II, S	9	36 38.89	+ 0.79	− 5.43	62 24 2.45	49.120	+ 8.47	+1 55.0	17 36 34.25	−71.10	−23 36 7.8	....
32	Mercury C, C	9	4 16.91	+ 0.78	− 5.44	62 58 0.12	45.446	+ 7.64	+1 57.0	19 4 12.25	+ 0.10	−24 8 42.9	....
33	Venus I, C	9	28 7.48	+ 0.79	− 5.45	60 4 2.38	47.784	+ 7.64	+1 43.5	20 28 2.82	+ 0.54	−21 15 25.1	....
	December 16, Ei.-M.												
34	Moon I	9	7 47.24	+ 0.82	− 5.50	35 12	......	....	. ....	1 7 42.56	+61.67	.. ..	....
35	α Arietis	9	1 54.18	+ 0.86	− **5.50**	15 49 56.70	46.112	+ 6.75	+ 17.3	2 1 49.54	.....	+23 0 45.8	....
36	ξ¹ Ceti	9	8 2.95	+ 0.81	− **5.51**	30 25 55.70	47.415	+ 6.75	+ 35.7	2 7 58.26	.....	+ 8 23 58.6	....
37	B. D.+13°395	9	23 28.49	+ 0.83	− 5.51	25 23 54.90	44.885	+ 6.75	+ 28.9	2 23 23.81	− 3.82	+13 27 4.0	−12.7
38	B. D.+21°349	9	27 4.72	+ 0.85	− 5.51	16 55 56.12	46.025	+ 6.75	+ 18.6	2 27 0.06	− 4.07	+21 54 47.0	−14.4
39	B. D.+15°354	9	30 30.91	+ 0.84	− 5.51	22 39 55.48	43.238	+ 6.75	+ 25.4	2 30 26.24	− 3.92	+16 11 44.2	−12.7
40	B. D.+ 7°402	9	31 38.23	+ 0.81	− 5.51	31 31 55.58	44.948	+ 6.75	+ 37.3	2 31 33.53	− 3.71	+ 7 18 53.5	−10.4
41	B. D.+12°370	9	35 21.27	+ 0.83	− 5.51	25 43 56.40	44.792	+ 6.75	+ 29.4	2 35 16.59	− 3.87	+13 7 4.1	−11.5
42	B. D.+14°457	9	39 24.06	+ 0.83	− 5.51	23 55 55.40	46.395	+ 6.75	+ 27.1	2 39 19.38	− 3.93	+14 54 30.8	−11.6
43	B. D.+20°462	9	42 8.91	+ 0.85	− 5.51	17 53 56.12	45.998	+ 6.75	+ 19.7	2 42 4.25	− 4.12	+20 56 46.5	−12.7
44	B. D.+13°456	9	45 5.59	+ 0.83	− 5.51	25 31 54.72	45.222	+ 6.75	+ 29.1	2 45 0.91	− 3.92	+13 18 56.0	−10.6
45	σ Arietis	9	46 20.11	+ 0.83	− **5.53**	24 9 56.00	44.115	+ 6.75	+ 27.4	2 46 15.43	.....	+14 41 22.0	....
46	B. D.+19°432	9	48 58.96	+ 0.85	− 5.51	18 39 55.95	46.340	+ 6.75	+ 20.6	2 48 54.30	− 4.14	+20 10 38.0	−11.8
47	B. D.+17°457	9	50 33.47	+ 0.84	− 5.51	20 53 54.78	45.975	+ 6.75	+ 23.3	2 50 28.80	− 4.08	+17 56 44.8	−11.2
48	B. D.+19°440	9	53 51.66	+ 0.84	− 5.51	19 13 55.25	46.545	+ 6.75	+ 21.3	2 53 46.99	− 4.14	+19 36 33.5	−11.2
49	B. D.+18°391	9	55 53.21	+ 0.84	− 5.51	19 49 54.30	43.980	+ 6.75	+ 22.0	2 55 48.54	− 4.13	+19 1 32.2	−10.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 20 13	29.82	30.6	29.3
22 50	29.88	26.7	25.8
23 59	29.895	25.0	24.0
0 25	......	....	23.7
0 58	29.91	23.9	23.1
1 24	29.92	23.1	22.1
14 17 28	30.06	21.5	20.1
20 18	30.06	24.2	23.6
23 35	30.07	20.8	19.7
0 34	30.08	19.6	18.8
1 23	30.07	19.0	18.7
16 17 37	29.82	29.0	30.9
19 4	29.84	32.8	34.2
20 28	29.85	34.8	36.0
2 0	29.90	28.5	29.0
2 25	......	....	28.0
2 52	29.91	27.3	27.0

Micrometer bisections are made at II, VI, except as noted below.

1, 20, 32, 33.	Bisections at I, II, VI, VII.
3, 21.	Bisections at II, III, IV, V, VI.
5, 6, 10, 19, 24, 48.	Bisections at VI, VII.
8, 11, 15, 39, 44.	Bisections at I, II.
9, 16, 17.	Bisections at III, V.
13.	Bisections at III, IV, V.
18.	Bisection at III.
30.	Bisections at I, II, III.
31.	Bisections at V, VI, VII.
41, 47.	Bisections at II, VII.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.7	.. ....	0.0	+ 6.7
3	+39 40.6	+14 50.4	...	+54 31.0
18	+ 7.9	+16 16.0	...	+16 23.9
19	+ 7.9	−16 15.9	...	−16 8.0
20	+ 6.8	.. ....	+ 0.1	+ 6.9
21	+37 3.4	+14 48.3	...	+51 51.7
30	+ 7.9	−16 15.8	...	−16 7.9
31	+ 7.9	+16 15.9	...	+16 23.8
32	+ 8.3	.. ....	+ 0.1	+ 8.4
33	+ 6.7	.. ....	+ 0.1	+ 6.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Ceti	9	57 24.10	+ 0.80	− **5.54**	35 7 56.02	44.682	+ 6.75	+ 42.9	2 57 19.39	.....	+ 3 42 53.6	....
2	B. D.+11°434	9	1 11.87	+ 0.82	− 5.51	27 33 57.12	42.908	+ 6.75	+ 31.8	3 1 7.18	− 3.94	+11 17 44.1	− 8.6
3	B. D.+21°416	9	5 16.60	+ 0.85	− 5.51	17 19 56.45	42.952	+ 6.75	+ 19.1	3 5 11.94	− 4.26	+21 31 56.4	−10.4
4	B. D.+22°457	9	8 50.72	+ 0.85	− 5.51	16 15 56.08	43.210	+ 6.75	+ 17.8	3 8 46.06	− 4.31	+22 35 52.1	−10.2
5	B. D.+13°535	9	12 42.65	+ 0.83	− 5.51	25 21 54.85	42.862	+ 6.75	+ 28.9	3 12 37.97	− 4.04	+13 29 50.3	− 8.0
6	B. D.+23°442	9	14 52.69	+ 0.86	− 5.51	15 29 56.38	46.310	+ 6.75	+ 17.0	3 14 48.04	− 4.36	+23 20 41.8	− 9.7
7	B. D.+12°473	9	19 1.83	+ 0.82	− 5.51	26 33 56.42	43.770	+ 6.75	+ 30.5	3 18 57.14	− 4.03	+12 17 26.4	− 7.1
8	B. D.+22°495	9	22 58.73	+ 0.86	− 5.51	16 21 54.95	46.775	+ 6.75	+ 18.0	3 22 54.08	− 4.36	+22 28 31.6	− 8.6
9	*f* Tauri	9	25 43.04	+ 0.82	− **5.48**	26 13 56.00	46.112	+ 6.75	+ 30.1	3 25 38.35	.....	+12 36 33.6	....
10	B. D.+23°473	9	28 54.43	+ 0.86	− 5.51	14 41 55.45	46.445	+ 6.75	+ 16.1	3 28 49.78	− 4.45	+24 8 40.6	− 8.3
11	B. D.+20°602	9	33 34.73	+ 0.85	− 5.51	18 13 55.62	47.350	+ 6.75	+ 20.2	3 33 30.07	− 4.34	+20 36 15.6	− 7.1
12	B. D.+16°497	9	37 19.17	+ 0.84	− 5.51	21 51 55.40	44.608	+ 6.75	+ 24.5	3 37 14.50	− 4.24	+16 59 14.2	− 6.1
13	B. D.+22°544	9	40 9.81	+ 0.86	− 5.51	16 27 55.00	43.575	+ 6.75	+ 18.1	3 40 5.16	− 4.43	+22 23 44.6	− 6.7
14	B. D.+23°536	9	41 47.65	+ 0.86	− 5.51	15 1 56.68	44.835	+ 6.75	+ 16.4	3 41 43.00	− 4.48	+23 49 15.8	− 6.7
15	27 Tauri	9	43 36.25	+ 0.86	− 5.51	15 5 56.60	43.725	+ 6.75	+ 16.5	3 43 31.60	− 4.49	+23 45 41.2	− 6.5
16	B. D.+21°539	9	46 7.24	+ 0.85	− 5.51	17 5 55.20	46.488	+ 6.75	+ 18.8	3 46 2.58	− 4.42	+21 44 37.1	− 5.9
17	B. D.+16°527	9	49 8.28	+ 0.84	− 5.52	22 29 55.25	47.132	+ 6.75	+ 25.3	3 49 3.60	− 4.26	+16 20 15.9	− 4.7
18	B. D.+26°655	9	53 23.51	+ 0.87	− 5.52	11 55 55.58	44.615	+ 6.75	+ 12.9	3 53 18.86	− 4.64	+26 55 25.4	− 5.8
19	B. D.+19°643	9	55 40.38	+ 0.84	− 5.52	18 55 55.85	43.018	+ 6.75	+ 21.0	3 55 35.70	− 4.39	+19 55 53.6	− 4.6
20	B. D.+25°675	9	0 24.28	+ 0.87	− 5.52	12 53 55.72	45.250	+ 6.75	+ 14.0	4 0 19.63	− 4.62	+25 57 9.7	− 4.8
21	B. D.+16°560	9	2 38.44	+ 0.84	− 5.52	21 45 55.30	45.120	+ 6.75	+ 24.4	4 2 33.76	− 4.32	+17 5 2.7	− 3.4
22	B. D.+18°594	9	5 18.12	+ 0.84	− 5.52	20 39 54.85	46.865	+ 6.75	+ 23.1	4 5 13.44	− 4.36	+18 10 24.6	− 3.2
23	B. D.+19°679	8	8 54.55	+ 0.84	− 5.52	19 29 55.75	47.250	+ 6.75	+ 21.7	4 8 49.87	− 4.41	+19 20 16.3	− 3.0
24	B. D.+21°618	9	12 51.41	+ 0.85	− 5.52	17 29 55.58	46.200	+ 6.75	+ 19.3	4 12 46.74	− 4.48	+21 20 42.8	− 2.8
25	B. D.+18°624	9	14 59.43	+ 0.84	− 5.52	20 19 54.70	45.942	+ 6.75	+ 22.7	4 14 54.75	− 4.39	+18 30 46.2	− 2.2
26	δ Tauri	9	17 32.88	+ 0.84	− **5.50**	21 31 54.60	45.065	+ 6.75	+ 24.1	4 17 28.20	.....	+17 19 5.0	....
27	B. D.+18°633	9	19 30.39	+ 0.84	− 5.52	20 1 55.70	44.492	+ 6.75	+ 22.3	4 19 25.71	− 4.41	+18 49 18.8	− 1.8
28	B. D.+14°697	9	21 19.82	+ 0.83	− 5.52	24 21 55.42	42.928	+ 6.75	+ 27.7	4 21 15.13	− 4.28	+14 29 49.4	− 1.0
29	B. D.+15°631	9	23 14.38	+ 0.83	− 5.52	23 5 55.48	45.250	+ 6.75	+ 26.1	4 23 9.69	− 4.32	+15 44 57.9	− 1.0
30	B. D.+15°637	9	25 12.87	+ 0.83	− 5.52	22 51 54.28	44.898	+ 6.75	+ 25.8	4 25 8.18	− 4.33	+15 59 7.4	− 0.8
31	B. D.+17°750 (*mean*)	9	28 8.48	+ 0.84	− 5.52	21 1 54.58	45.672	+ 6.75	+ 23.6	4 28 3.80	− 4.40	+17 48 51.6	− 0.7
32	α Tauri	9	30 33.73	+ 0.84	− **5.52**	22 31 54.80	45.240	+ 6.75	+ 25.4	4 30 29.05	.....	+16 18 59.5	....
33	τ Tauri	9	36 38.18	+ 0.86	− **5.52**	16 3 56.40	47.153	+ 6.75	+ 17.7	4 36 33.52	.....	+22 46 21.9	....
	December 18, Br.												
34	67 Ceti	9	12 20.22	+ 0.71	− **5.94**	45 41 57.08	45.530	+ 6.94	+1 2.2	2 12 15.07	.....	− 6 51 46.3	....
35	ι Cassiopeiæ	9	21 21.13	+ 1.13	− 5.86	331 53 51.08	43.522	+ 6.94	− 32.3	2 21 16.40	.....	+66 58 39.9	....
36	5 Ursæ Minoris s. p.	9	27 43.47	− 0.08	− 5.86	295 1 49.20	41.620	+ 6.94	−2 8.9	14 27 37.53	.....	+76 6 57.9	....
37	ν Arietis	9	33 30.92	+ 0.81	− **5.84**	17 17 56.28	45.468	+ 6.94	+ 19.0	2 33 25.87	.....	+21 32 58.7	....
38	θ Persei	9.	37 48.78	+ 0.96	− 5.86	350 1 53.88	45.080	+ 6.94	− 10.6	2 37 43.88	.....	+48 49 39.9	....
39	Moon I, S.	9	45 4.03	+ 0.79	− 5.86	28 3 56.30	44.144	+ 6.94	+ 32.4	2 44 58.96	+64.00	+10 47 16.0	....
40	γ Persei	9	58 1.16	+ 0.98	− 5.86	345 43 54.00	44.120	+ 6.94	− 15.4	2 57 56.28	.....	+53 8 6.5	....
41	β Persei	9	2 5.28	+ 0.90	− 5.86	358 15 53.78	45.428	+ 6.94	− 1.8	3 2 0.32	.....	+40 35 23.2	....
42	57 B. Ursæ Minoris s. p.	6	7 16.75	− 3.86	− 5.86	306 29 50.10	41.865	+ 6.94	−1 21.7	15 7 7.03	.....	+87 35 51.6	....
43	τ¹ Arietis	9	15 50.28	+ 0.81	− **5.83**	18 1 54.68	47.570	+ 6.94	+ 19.8	3 15 45.22	.....	+20 48 11.7	....
44	γ² Ursæ Minoris s. p.	9	20 53.42	+ 0.11	− 5.87	291 3 49.20	46.245	+ 6.94	−2 35.9	15 20 47.66	.....	+72 10 16.6	....
45	*f* Tauri	9	25 43.48	+ 0.78	− [illegible]	26 13 55.98	46.155	+ 6.94	+ 30.0	3 25 38.39	.....	+12 36 32.6	....
46	τ⁵ Eridani	9	29 41.47	+ 0.65	− 5.87	60 45 55.18	47.698	+ 6.94	+1 48.5	3 29 36.25	.....	−21 57 20.2	....
47	11 Tauri	9	35 11.71	+ 0.83	− 5.87	13 49 54.88	45.000	+ 6.94	+ 15.0	3 35 6.67	.....	+25 1 15.1	....
48	ν Persei	9	38 50.57	+ 0.91	− 5.87	356 33 53.98	47.370	+ 6.94	− 3.6	3 38 45.61	.....	+42 16 40.4	....
49	ζ Persei	9	48 15.58	+ 0.86	− 5.87	7 15 54.60	43.340	+ 6.94	+ 7.8	3 48 10.57	.....	+31 36 0.5	....
50	γ Eridani	9	53 41.77	+ 0.69	− **5.87**	52 35 55.22	47.945	+ 6.94	+1 19.5	3 53 36.59	.....	−13 46 57.2	....
51	ν Tauri	9	58 12.03	+ 0.76	− **5.85**	33 7 55.42	43.500	+ 6.94	+ 39.7	3 58 6.92	.....	+ 5 43 23.9	....
52	151 H¹ Cephei	9	6 51.94	+ 3.08	− 5.87	313 33 51.05	45.965	+ 6.94	−1 3.6	4 6 49.15	.....	+85 18 15.1	....
53	γ Tauri	9	14 29.12	+ 0.79	− **5.85**	23 27 54.52	43.118	+ 6.94	+ 26.4	4 14 24.04	.....	+15 23 47.1	....
	December 19, Ei.-M.												
54	α Arietis	9	1 54.70	+ 0.80	− **5.98**	15 49 55.78	46.152	+ 7.54	+ 17.0	2 1 49.55	.....	+23 0 45.2	....
55	ξ¹ Ceti	9	8 3.46	+ 0.74	− **5.98**	30 25 56.10	47.400	+ 7.54	+ 35.1	2 7 58.25	.....	+ 8 23 58.3	....
56	B. D.+20°404	9	24 0.99	+ 0.78	− 5.95	17 41 55.98	42.338	+ 7.54	+ 19.1	2 23 55.82	− 4.01	+21 10 10.1	−14.5
57	B. D.+14°419	9	27 47.60	+ 0.76	− 5.95	24 13 55.98	45.670	+ 7.54	+ 26.9	2 27 42.41	− 3.85	+14 36 46.2	−12.4

Time.		Barom.	Att. Ther.	Ext. Ther.
h	h m	in.	°	°
16	3 17	......	....	26.2
	3 48	29.90	26.3	26.2
	4 11	......	....	[illegible]
	4 39	29.895	25.1	25.0
18	2 9	29.80	29.0	27.2
	2 47	29.795	28.7	26.9
	3 [illegible]	......	....	[illegible]
	3 [illegible]	......	....	26.0
	4 17	29.79	27.1	26.0
19	2 4	[illegible]	32.7	33.0
	2 28	......	....	32.7

Micrometer bisections are made at II, VI, except as noted below.

1, 10, 11, 16, 24.	Bisections at II, VII.
33.	Bisections at II, VI, VII.
35, 38, 40, 41, 48.	Bisections at III, V.
36, 44, 52.	Bisections at III, IV, V.
37, 50, 51.	Bisections at I. II.
39.	Bisections at II, III, IV, V, VI.
42.	Bisections at b_4. b_6.

Notes.

5, 6, 19, 20, 24.	Clouds.
44.	Unsteady.
47.	Micrometer reading increased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
39	+25 58.1	+15 8.8	...	+41 6.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	128 H¹. Ceti	9	30 57.94	+ 0.73	− 5.95	32 25 55.92	42.225	+ 7.54	+ 38.0	2 30 52.72	.....	+ 6 25 53.9	....
2	ν Arietis	9	33 31.01	+ 0.79	− **5.91**	17 17 56.62	45.420	+ 7.54	+ 18.7	2 33 25.85	.....	+21 32 59.1	....
3	δ Ceti	9	34 42.44	+ 0.70	− **5.91**	38 55 55.35	44.185	+ 7.54	+ 48.3	2 34 37.19	.....	− 0 5 0.6	....
4	B. D.+ 9°353	9	36 59.23	+ 0.74	− 5.95	28 41 56.68	46.740	+ 7.54	+ 32.8	2 36 54.02	− 3.78	+10 8 15.1	−10.4
5	μ Ceti	9	39 54.13	+ 0.74	− **6.00**	29 7 56.50	45.602	+ 7.54	+ 33.4	2 39 48.92	.....	+ 9 42 40.7	....
6	B. D.+ 8°424	9	42 23.47	+ 0.74	− 5.95	29 55 55.98	45.890	+ 7.54	+ 34.5	2 42 18.26	− 3.78	+ 8 54 33.6	− 9.6
7	B. D.+11°398	9	45 15.06	+ 0.75	− 5.95	27 37 56.82	44.310	+ 7.54	+ 31.4	2 45 9.86	− 3.85	+11 13 11.9	− 9.9
8	σ Arietis	9	46 20.57	+ 0.76	− **5.93**	24 9 55.95	44.102	+ 7.54	+ 26.9	2 46 15.38	.....	+14 41 22.0	....
9	B. D.+ 9°370	9	49 24.31	+ 0.74	− 5.95	29 27 56.70	44.668	+ 7.54	+ 33.8	2 49 19.10	− 3.82	+ 9 23 1.2	− 9.1
10	B. D.+15°414	9	52 16.77	+ 0.76	− 5.95	22 55 55.42	46.062	+ 7.54	+ 25.4	2 52 11.58	− 4.01	+15 54 39.3	−10.4
11	λ Ceti	9	54 43.17	+ 0.74	− 5.96	30 19 55.52	43.120	+ 7.54	+ 35.0	2 54 37.95	− 3.82	+ 8 31 36.8	− 8.4
12	B. D.+22°425	9	58 3.87	+ 0.79	− 5.96	16 9 55.80	44.870	+ 7.54	+ 17.4	2 57 58.70	− 4.25	+22 41 14.1	−11.4
13	B. D.+17°493	9	2 10.58	+ 0.77	− 5.96	21 19 55.82	45.950	+ 7.54	+ 23.4	3 2 5.39	− 4.10	+17 30 43.4	− 9.8
14	B. D.+12°452	9	6 14.69	+ 0.75	− 5.96	26 9 55.98	44.548	+ 7.54	+ 29.5	3 6 9.48	− 3.98	+12 41 9.2	− 8.3
15	B. D.+17°517	9	9 29.69	+ 0.77	− 5.96	21 9 55.05	46.875	+ 7.54	+ 23.2	3 9 24.50	− 4.14	+17 40 23.3	− 9.0
16	B. D.+11°459	9	14 6.66	+ 0.75	− 5.96	26 43 55.70	46.892	+ 7.54	+ 30.2	3 14 1.45	− 4.00	+12 6 15.2	− 7.4
17	B. D.+20°551	8	17 23.08	+ 0.78	− 5.96	18 27 55.82	42.605	+ 7.54	+ 20.0	3 17 17.90	− 4.26	+20 24 3.3	− 8.8
18	B. D.+14°559	9	19 32.74	+ 0.76	− 5.96	24 11 56.00	47.285	+ 7.54	+ 27.0	3 19 27.54	− 4.10	+14 38 9.1	− 7.4
19	B. D.+23°456	9	22 19.62	+ 0.80	− 5.96	14 59 56.30	45.418	+ 7.54	+ 16.1	3 22 14.46	− 4.40	+23 51 2.4	− 8.9
20	s Tauri	9	25 18.82	+ 0.74	− 5.96	27 49 55.95	46.140	+ 7.54	+ 31.7	3 25 13.60	− 4.02	+11 0 30.7	− 6.0
21	B. D.+17°575	9	28 49.58	+ 0.77	− 5.96	21 19 55.72	44.748	+ 7.54	+ 23.5	3 28 44.39	− 4.22	+17 31 10.9	− 7.0
22	B. D.+22°523	9	33 12.12	+ 0.79	− 5.96	16 29 56.02	45.780	+ 7.54	+ 17.8	3 33 6.95	− 4.40	+22 20 52.7	− 7.4
23	Moon I, S	9	37 4.64	+ 0.78	− 5.96	24 59 56.80	43.690	+ 7.54	+ 28.0	3 36 59.46	+65.65	+13 51 29.6	....
24	B. D.+13°594	9	41 15.24	+ 0.75	− 5.96	25 37 56.38	45.825	+ 7.54	+ 28.8	3 41 10.03	− 4.14	+13 12 40.3	− 4.8
25	B. D.+15°534	9	43 24.00	+ 0.76	− 5.96	23 37 55.82	45.892	+ 7.54	+ 26.3	3 43 18.80	− 4.20	+15 12 41.9	− 5.0
26	B. D.+25°624	9	44 42.28	+ 0.80	− 5.96	13 33 53.05	44.440	+ 7.54	+ 14.5	3 44 37.12	− 4.55	+25 17 29.6	− 6.6
27	B. D.+25°641	9	47 57.22	+ 0.81	− 5.96	13 27 52.45	43.232	+ 7.54	+ 14.4	3 47 52.07	− 4.56	+25 23 57.9	− 6.3
28	B. D.+20°669	9	51 43.49	+ 0.78	− 5.96	17 47 53.05	46.125	+ 7.54	+ 19.3	3 51 38.31	− 4.42	+21 2 46.3	− 5.1
29	ν Tauri	9	58 12.19	+ 0.73	− **5.98**	33 5 55.90	48.715	+ 7.54	+ 39.2	3 58 6.96	.....	+ 5 43 24.4	....
30	B. D.+21°587	9	59 48.81	+ 0.79	− 5.96	17 5 55.38	45.342	+ 7.54	+ 18.5	3 59 43.64	− 4.47	+21 45 2.7	− 4.3
31	B. D.+14°657	9	2 25.36	+ 0.76	− 5.96	23 55 55.80	46.640	+ 7.54	+ 26.7	4 2 20.16	− 4.25	+14 54 24.4	− 2.9
32	B. D.+24°629	9	4 57.26	+ 0.80	− 5.96	13 43 55.68	46.312	+ 7.54	+ 14.7	4 4 52.10	− 4.61	+25 6 44.0	− 4.2
33	B. D.+27°649	9	8 45.93	+ 0.82	− 5.96	11 7 55.25	45.665	+ 7.54	+ 11.9	4 8 40.79	− 4.73	+27 43 2.0	− 4.1
34	B. D.+22°670	9	12 41.17	+ 0.79	− 5.96	16 15 55.05	47.245	+ 7.54	+ 17.6	4 12 36.00	− 4.54	+22 34 20.7	− 2.9
35	B. D.+27°655	9	14 36.73	+ 0.82	− 5.96	11 43 55.15	44.880	+ 7.54	+ 12.5	4 14 31.59	− 4.72	+27 7 19.4	− 3.3
36	B. D.+13°668	9	16 48.35	+ 0.76	− 5.96	24 59 55.15	44.960	+ 7.54	+ 28.1	4 16 43.15	− 4.26	+13 51 2.0	− 1.3
37	B. D.+17°714	9	18 43.16	+ 0.77	− 5.96	21 37 55.25	44.408	+ 7.54	+ 23.9	4 18 37.97	− 4.37	+17 13 18.8	− 1.5
38	B. D.+22°696	9	20 43.46	+ 0.79	− 5.96	16 15 55.48	43.460	+ 7.54	+ 17.6	4 20 38.29	− 4.56	+22 35 46.5	− 2.0
39	ε Tauri	9	23 10.21	+ 0.77	− **5.92**	19 51 55.40	47.740	+ 7.54	+ 21.8	4 23 5.02	.....	+18 58 4.5	....
40	B. D.+23°701	9	24 45.87	+ 0.80	− 5.96	15 27 55.80	46.245	+ 7.54	+ 16.7	4 24 40.71	− 4.59	+23 22 43.4	− 1.6
41	B. D.+20°778	9	29 15.64	+ 0.78	− 5.97	17 55 54.78	47.455	+ 7.54	+ 19.5	4 29 10.45	− 4.52	+20 54 13.7	− 0.8
42	α Tauri	9	30 34.33	+ 0.76	− **6.02**	22 31 55.30	45.210	+ 7.54	+ 25.0	4 30 29.12	.....	+16 18 59.3	....
43	τ Tauri	9	36 38.71	+ 0.79	− **5.96**	16 3 55.05	47.205	+ 7.54	+ 17.4	4 36 33.53	.....	+22 46 21.5	....
	December 19, Br.												
44	ζ Leonis	9	11 29.75	+ 0.81	− **6.08**	14 57 56.10	44.830	+ 7.92	+ 16.2	10 11 24.46	.....	+23 53 15.5	....
45	42 Leonis	9	16 49.14	+ 0.77	− 6.10	23 23 55.02	44.705	+ 7.92	+ 26.3	10 16 43.81	− 3.21	+15 27 9.4	+24.4
46	μ Hydræ	9	21 35.52	+ 0.65	− **6.09**	55 11 55.88	42.530	+ 7.92	+1 27.1	10 21 30.07	.....	−16 21 2.5	....
47	37 Ursæ Majoris	9	29 7.60	+ 1.06	− 6.10	341 17 53.00	44.580	+ 7.92	− 20.4	10 29 2.56	− 3.35	+57 34 1.0	+35.6
48	35 H. Ursæ Majoris	9	36 20.63	+ 1.30	− 6.10	329 17 51.45	45.192	+ 7.92	− 35.9	10 36 15.83	− 3.46	+69 34 4.0	+37.5
49	l Leonis	9	44 21.12	+ 0.76	− **6.09**	27 47 55.80	45.400	+ 7.92	+ 32.1	10 44 15.78	.....	+11 2 47.0	....
50	47 Ursæ Majoris	9	54 13.68	+ 0.91	− 6.10	357 53 54.02	48.965	+ 7.92	− 2.1	10 54 8.49	− 2.87	+40 56 1.5	+32.0
51	χ Leonis	9	0 12.22	+ 0.74	− **6.09**	30 59 55.70	44.808	+ 7.92	+ 36.6	11 0 6.86	.....	+ 7 50 55.8	....
52	237 B. Ursæ Majoris	9	11 25.24	+ 0.98	− 6.11	348 51 53.82	45.708	+ 7.92	− 11.9	11 11 20.11	− 2.59	+49 59 25.9	+34.1
53	σ Leonis	9	16 19.46	+ 0.74	− **6.13**	32 17 56.05	44.690	+ 7.92	+ 38.5	11 16 14.09	.....	+ 6 32 56.5	....
54	39 H. Cephei s. p.	8	28 6.40	− 3.18	− 6.11	305 39 50.40	45.805	+ 7.92	−1 24.4	23 27 57.11	.....	+86 47 19.8	....
55	ν Virginis	9	41 3.62	+ 0.74	− 6.11	31 45 55.10	48.120	+ 7.92	+ 37.8	11 40 58.25	− 2.66	+ 7 3 39.8	+20.2
56	β Virginis	9	45 49.83	+ 0.72	− **6.11**	36 31 55.60	46.912	+ 7.92	+ 45.2	11 45 44.44	.....	+ 2 17 59.5	....
57	o Leonis	9	50 52.16	+ 0.78	− 6.11	22 39 54.88	46.608	+ 7.92	+ 25.5	11 50 46.83	− 2.50	+16 10 26.9	+23.1
58	π Virginis	9	56 5.13	+ 0.74	− **6.08**	31 41 55.08	45.622	+ 7.92	+ 37.7	11 55 59.76	.....	+ 7 8 37.0	....
59	10 Virginis	9	4 54.10	+ 0.72	− 6.11	36 23 55.68	47.198	+ 7.92	+ 45.0	12 4 48.71	− 2.56	+ 2 25 53.1	+17.6
60	γ Corvi	9	11 0.35	+ 0.65	− **6.18**	55 49 56.08	46.925	+ 7.92	+1 29.8	12 10 54.89	.....	−17 0 45.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
h h m	in.	°	°
19 2 49	29.71	31.9	32.0
3 22	....	....	31.7
3 48	29.73	30.8	30.9
4 11	....	....	30.5
4 37	29.73	29.9	29.8
10 10	29.74	26.8	27.1
10 36	.....	....	26.0
11 8	29.74	26.0	....
11 34	.....	....	24.1
11 56	.....	....	23.9

Micrometer bisections are made at II, VI, except as noted below.

2, 9, 41, 51.	Bisections at I, II.
22, 25, 26, 28, 29, 37.	Bisections at II, VII.
23.	Bisections at II, III, IV, V, VI.
47, 48, 50, 52.	Bisections at III, V.
54.	Bisections at III, IV, V.

Notes.

35–40. Images poor.
44–60. Somewhat unsteady.
52, 54. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+23 34.6	+15 19.2	...	+38 53.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Virginis	9	15 7.61	+ 0.70	− 6.09	38 57 55.28	47.550	+ 7.92	+ 49.4	12 15 2.20	.....	− 0 8 18.9	....
	December 20, Br.												
2	11 Tauri	9	35 12.04	+ 0.82	− 6.21	13 49 56.42	44.910	+ 8.26	+ 14.7	3 35 6.65	.....	+25 1 14.6	....
3	ν Persei	8	38 50.91	+ 0.92	− 6.21	356 33 55.22	47.255	+ 8.26	− 3.5	3 38 45.62	.....	+42 16 40.4	....
4	ζ Persei	9	48 15.99	+ 0.86	− 6.21	7 15 55.30	43.262	+ 8.26	+ 7.6	3 48 10.64	.....	+31 36 0.5	....
5	γ Eridani	9	53 42.18	+ 0.66	− 6.25	52 35 55.98	47.970	+ 8.26	+1 17.8	3 53 36.63	.....	−13 46 57.9	....
6	ν Tauri	9	58 12.43	+ 0.74	− 6.23	33 7 55.45	43.520	+ 8.26	+ 38.8	3 58 6.96	.....	+ 5 43 23.3	....
7	γ Tauri	9	14 29.49	+ 0.77	− 6.20	23 27 54.75	43.095	+ 8.26	+ 25.9	4 14 24.05	.....	+15 23 46.5	....
8	Moon I, S.	9	31 50.68	+ 0.80	− 6.22	22 35 54.80	46.189	+ 8.26	+ 24.9	4 31 45.26	+67.35	+16 14 36.9	....
9	β Orionis	9	10 4.89	+ 0.68	− 6.27	47 9 56.30	43.080	+ 8.26	+1 4.3	5 9 59.35	.....	− 8 18 53.0	....
10	β Tauri	8	20 23.66	+ 0.84	− 6.24	10 19 55.98	44.475	+ 8.26	+ 10.9	5 20 18.28	.....	+28 31 28.7	....
11	δ Orionis	9	27 15.66	+ 0.71	− 6.23	39 11 55.05	47.652	+ 8.26	+ 48.2	5 27 10.15	.....	− 0 22 20.2	....
12	κ Orionis	9	43 21.62	+ 0.68	− 6.23	48 31 56.08	46.962	+ 8.26	+1 6.6	5 43 16.08	.....	− 9 42 23.8	....
13	α Orionis	9	50 8.17	+ 0.74	− 6.21	31 27 55.72	44.120	+ 8.26	+ 36.1	5 50 2.69	.....	+ 7 23 12.0	....
14	Neptune C, C.	9	30 20.22	+ 0.80	− 6.23	16 35 56.75	47.599	+ 8.26	+ 17.7	6 30 14.79	.....	+22 14 9.8	....
	December 20, M.												
15	48 Leonis	9	29 56.22	+ 0.74	− 6.15	31 23 55.82	45.958	+ 8.60	+ 36.8	10 29 50.81	− 3.16	+ 7 26 28.8	+22.0
16	31 Cephei s. p.	9	33 31.68	− 0.13	− 6.15	292 1 50.75	48.403	+ 8.60	−2 27.0	22 33 25.40	− 1.53	+73 9 18.1	−38.0
17	39 Ursæ Majoris	9	37 48.34	+ 1.09	− 6.15	341 9 54.18	45.652	+ 8.60	− 20.4	10 37 43.28	− 3.23	+57 41 34.4	+35.8
18	l Leonis	9	44 21.20	+ 0.75	− 6.13	27 47 56.52	45.380	+ 8.60	+ 31.8	10 44 15.80	.....	+11 2 46.0	....
19	46 Leonis Minoris	9	48 5.03	+ 0.88	− 6.15	4 7 55.70	44.988	+ 8.60	+ 4.4	10 47 59.76	.....	+34 43 23.4	....
20	α Crateris	9	55 14.46	+ 0.63	− 6.19	56 37 56.20	43.515	+ 8.60	+1 31.3	10 55 8.94	.....	−17 47 30.2	....
21	χ Leonis	9	0 12.33	+ 0.74	− 6.17	30 59 55.95	44.878	+ 8.60	+ 36.2	11 0 6.92	.....	+ 7 50 54.0	....
22	β Crateris	9	7 4.82	+ 0.61	− 6.15	61 7 57.42	44.858	+ 8.60	+1 49.1	11 6 59.28	.....	−22 18 19.9	....
23	φ Leonis	9	11 55.29	+ 0.70	− 6.16	41 57 56.02	46.260	+ 8.60	+ 54.2	11 11 49.83	− 2.95	− 3 7 55.6	+17.7
24	σ Leonis	9	16 19.44	+ 0.74	− 6.08	32 17 56.92	44.628	+ 8.60	+ 38.1	11 16 14.02	.....	+ 6 32 56.8	....
25	83 Leonis	9	22 1.99	+ 0.72	− 6.16	35 17 56.02	47.442	+ 8.60	+ 42.8	11 21 56.55	.....	+ 3 31 48.4	....
26	e Leonis	9	25 32.93	+ 0.70	− 6.16	41 19 55.58	43.248	+ 8.60	+ 53.0	11 25 27.47	− 2.87	− 2 28 45.2	+17.6
27	υ Leonis	9	32 10.28	+ 0.71	− 6.14	39 7 57.20	46.568	+ 8.60	+ 49.1	11 32 4.83	.....	− 0 17 58.8	....
28	ζ Crateris	9	40 2.23	+ 0.63	− 6.16	56 37 55.72	48.125	+ 8.60	+1 31.6	11 39 56.70	.....	−17 49 15.3	....
29	298 G. Hydræ	9	44 2.69	+ 0.58	− 6.16	65 1 55.68	46.165	+ 8.60	+2 9.2	11 43 57.11	− 3.02	−26 13 8.1	+ 8.8
30	Groombridge 1830	9	47 34.70	+ 0.90	− 6.16	0 27 54.32	44.100	+ 8.60	+ 0.6	11 47 29.44	.....	+38 23 48.9	....
31	b Virginis	9	55 9.96	+ 0.73	− 6.16	34 39 55.92	44.288	+ 8.60	+ 41.8	11 55 4.53	− 2.63	+ 4 11 1.9	+18.9
32	γ Corvi	9	11 0.36	+ 0.62	− 6.12	55 51 56.12	41.620	+ 8.60	+1 28.9	12 10 54.82	.....	−17 0 44.1	....
33	c Virginis	9	15 36.39	+ 0.72	− 6.16	34 59 57.00	45.645	+ 8.60	+ 42.3	12 15 30.95	− 2.51	+ 3 50 29.3	+17.9
34	323 G. Hydræ	9	21 56.56	+ 0.54	− 6.16	71 5 56.40	46.425	+ 8.60	+2 55.3	12 21 50.94	− 2.96	−32 18 0.8	+ 5.4
35	74 Ursæ Majoris	9	25 34.54	+ 1.11	− 6.16	339 55 52.38	46.110	+ 8.60	− 22.0	12 25 29.49	− 1.08	+58 55 27.3	+33.5
	December 21, M.												
36	Sun I, S.	9	56 28.68	+ 0.57	− 6.19	62 31 54.52	47.225	+ 9.10	+1 56.2	17 56 23.06	+71.20	−23 43 18.9	....
37	Sun II, N.	9	58 51.09	+ 0.57	− 6.19	61 59 55.48	45.858	+ 9.10	+1 53.6	17 58 45.47	−71.21	−23 10 45.5	....
38	Mercury C, C.	9	14 27.17	+ 0.58	− 6.20	61 35 56.68	45.965	+ 8.44	+1 51.4	19 14 21.55	+ 0.15	−22 46 46.5	....
39	Venus I, C.	9	52 49.26	+ 0.59	− 6.21	58 29 56.18	43.844	+ 8.44	+1 38.3	20 52 43.64	+ 0.55	−19 39 44.5	....
	December 21, Ei.-M.												
40	ν Arietis	9	33 31.28	+ 0.78	− 6.19	17 17 55.18	45.460	+ 8.06	+ 19.2	2 33 25.82	.....	+21 32 58.9	....
41	γ Ceti	9	38 28.69	+ 0.70	− 6.26	35 59 56.48	46.865	+ 8.06	+ 44.8	2 38 23.15	.....	+ 2 50 0.0	....
42	B. D.+16°342	9	40 32.13	+ 0.76	− 6.24	22 13 55.05	44.802	+ 8.06	+ 25.2	2 40 26.65	− 3.96	+16 37 8.1	−11.7
43	B. D.+19°424	9	43 3.91	+ 0.77	− 6.25	19 13 55.58	45.950	+ 8.06	+ 21.5	2 42 58.43	− 4.06	+19 36 45.0	−12.2
44	B. D.+18°359	9	45 26.35	+ 0.76	− 6.25	20 5 54.60	42.440	+ 8.06	+ 22.5	2 45 20.86	− 4.05	+18 46 5.2	−11.7
45	B. D.+12°406	9	49 32.29	+ 0.74	− 6.25	26 17 56.00	44.725	+ 8.06	+ 30.4	2 49 26.78	− 3.89	+12 33 3.7	− 9.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 12 15	29.75	24.8	24.0
20 3 32	29.555	32.0	33.0
3 58	.....	....	32.8
4 34	29.57	31.1	31.0
5 10	29.58	31.2	32.1
5 20	....	....	34.9
5 27	......	....	36.8
5 43	.....	....	38.0
5 50	29.60	34.0	37.2
6 30	29.63	34.8	36.7
10 30	29.75	30.4	30.2
10 58			29.7
11 29	29.77	29.0	29.4
11 53			29.2
12 29	29.80	28.9	29.1
21 17 59	29.985	32.1	31.1
19 14	29.98	33.1	32.3
20 [illegible]	30.02	[illegible]	32.8
2 34	30.135	28.2	25.7

Micrometer bisections are made at II, VI, except as noted below.

3.	Bisections at III, V.
8.	Bisections at II, III, IV, V, VI.
14, 34, 38, 39.	Bisections at I, II, VI, VII.
16.	Bisections at b_4, b_5, b_6.
18, 25, 36.	Bisections at I, II.
32, 37.	Bisections at VI, VII.

Notes.

2–14.	Images very diffuse and unsteady.
16, 22, 29.	Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+21 42.0	+15 30.5	...	+37 12.5
14	+ 0.1	.. ....	...	+ 0.1
36	+ 7.9	+16 16.7	...	+16 24.6
37	+ 7.9	−16 16.7	...	−16 8.8
38	+ 9.4	.. ....	+0.2	+ 9.6
39	+ 6.9	.. ....	+0.1	+ 7.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+20°480	9	52 45.02	+ 0.77	− 6.25	18 33 55.10	44.795	+ 8.06	+ 20.7	2 52 39.54	− 4.13	+20 17 12.7	−11.4
2	B. D.+22°416	9	55 13.58	+ 0.78	− 6.25	16 23 54.20	45.460	+ 8.06	+ 18.2	2 55 8.11	− 4.22	+22 27 0.9	−11.6
3	B. D.+13°494	9	58 24.78	+ 0.75	− 6.25	24 45 54.98	42.790	+ 8.06	+ 28.4	2 58 19.28	− 3.98	+14 5 51.0	− 9.3
4	B. D.+23°407	9	2 26.41	+ 0.79	− 6.25	15 31 55.20	44.578	+ 8.06	+ 17.1	3 2 20.95	− 4.28	+23 19 21.2	−11.0
5	δ Arietis	9	6 17.92	+ 0.77	− **6.23**	19 27 55.02	47.980	+ 8.06	+ 21.8	3 6 12.44	.....	+19 21 58.9	....
6	ζ Arietis	9	9 32.63	+ 0.78	− **6.29**	18 9 54.92	44.125	+ 8.06	+ 20.2	3 9 27.16	.....	+20 41 28.7	....
7	B. D.+18°459	9	14 29.08	+ 0.77	− 6.25	20 7 54.65	43.202	+ 8.06	+ 22.6	3 14 23.60	− 4.19	+18 43 47.7	− 8.7
8	B. D.+16°433	9	18 4.60	+ 0.76	− 6.25	22 37 54.92	43.650	+ 8.06	+ 25.7	3 17 59.11	− 4.13	+16 13 34.1	− 7.8
9	B. D.+17°550	9	20 7.06	+ 0.76	− 6.25	21 25 55.28	46.375	+ 8.06	+ 24.2	3 20 1.57	− 4.18	+17 24 32.9	− 7.8
10	ξ Tauri	9	22 7.44	+ 0.73	− **6.28**	29 25 54.90	47.412	+ 8.06	+ 34.8	3 22 1.92	.....	+ 9 23 59.1	....
11	B. D.+16°450	9	24 27.06	+ 0.76	− 6.25	22 25 54.60	42.468	+ 8.06	+ 25.4	3 24 21.57	− 4.16	+16 26 1.7	− 7.2
12	B. D.+23°463	9	26 30.97	+ 0.79	− 6.25	15 31 54.95	44.560	+ 8.06	+ 17.2	3 26 25.51	− 4.40	+23 19 21.7	− 8.4
13	B. D.+22°518	9	31 29.07	+ 0.79	− 6.25	15 57 56.10	43.520	+ 8.06	+ 17.7	3 31 23.61	− 4.41	+22 53 43.8	− 7.7
14	B. D.+17°601	9	34 12.79	+ 0.77	− 6.25	20 45 53.95	45.975	+ 8.06	+ 23.4	3 34 7.31	− 4.26	+18 4 44.2	− 6.5
15	B. D.+14°598	9	36 59.48	+ 0.76	− 6.25	24 21 55.25	44.568	+ 8.06	+ 28.0	3 36 53.99	− 4.16	+14 29 10.5	− 5.4
16	B. D.+23°505	9	39 15.63	+ 0.80	− 6.25	14 51 55.08	44.562	+ 8.06	+ 16.4	3 39 10.18	− 4.48	+23 59 22.0	− 7.0
17	B. D.+24°556	9	40 29.59	+ 0.80	− 6.25	14 37 55.28	43.408	+ 8.06	+ 16.1	3 40 24.14	− 4.49	+24 13 48.8	− 7.0
18	B. D.+22°563	9	42 49.63	+ 0.80	− 6.25	15 43 55.25	43.685	+ 8.06	+ 17.4	3 42 44.18	− 4.46	+23 7 41.2	− 6.5
19	B. D.+21°535	9	44 26.24	+ 0.79	− 6.25	16 53 56.38	44.772	+ 8.06	+ 18.8	3 44 20.78	− 4.43	+21 57 13.9	− 6.1
20	B. D.+22°588	9	47 50.11	+ 0.79	− 6.25	15 59 55.98	47.270	+ 8.06	+ 17.8	3 47 44.65	− 4.47	+22 50 18.2	− 5.9
21	B. D.+22°607	9	51 32.14	+ 0.80	− 6.25	15 57 55.90	43.120	+ 8.06	+ 17.7	3 51 26.69	− 4.48	+22 53 53.2	− 5.4
22	B. D.+22°617	9	55 24.61	+ 0.80	− 6.25	15 55 55.48	43.002	+ 8.06	+ 17.7	3 55 19.16	− 4.50	+22 55 56.3	− 5.0
23	*A* Tauri	9	59 11.05	+ 0.79	− **6.26**	17 1 54.45	44.820	+ 8.06	+ 19.0	3 59 5.59	.....	+21 49 14.5	....
24	ψ Tauri	9	1 14.38	+ 0.83	− 6.25	10 5 54.95	46.868	+ 8.06	+ 11.1	4 1 8.96	− 4.75	+28 44 35.1	− 5.2
25	43 Tauri	9	3 44.20	+ 0.78	− 6.25	19 29 54.60	44.295	+ 8.06	+ 21.9	4 3 38.73	.....	+19 21 23.7	....
26	B. D.+16°569	9	7 10.71	+ 0.77	− 6.25	21 49 54.28	42.912	+ 8.06	+ 24.8	4 7 5.23	− 4.34	+17 1 52.5	− 2.7
27	B. D.+20°724	9	11 47.96	+ 0.78	− 6.25	18 29 54.68	46.478	+ 8.06	+ 20.7	4 11 42.49	− 4.46	+20 20 34.7	− 2.7
28	γ Tauri	9	14 29.56	+ 0.76	− **6.25**	23 25 54.48	48.278	+ 8.06	+ 26.8	4 14 24.06	.....	+15 23 47.4	....
29	B. D.+20°740	9	16 1.55	+ 0.79	− 6.26	18 1 54.72	46.040	+ 8.06	+ 20.2	4 15 56.08	− 4.49	+20 48 45.1	− 2.3
30	B. D.+16°586	9	18 4.34	+ 0.77	− 6.26	22 18 8.30	44.015	+ 8.06	+ 25.4	4 17 58.85	− 4.35	+16 33 12.9	− 1.4
31	B. D.+22°699	9	21 42.96	+ 0.80	− 6.26	16 3 56.75	45.862	+ 8.06	+ 17.9	4 21 37.50	− 4.57	+22 46 49.5	− 1.9
32	B. D.+15°633	9	23 40.03	+ 0.77	− 6.26	22 53 57.52	45.450	+ 8.06	+ 26.2	4 23 34.54	− 4.35	+15 56 49.9	− 0.7
33	B. D.+15°640	9	25 26.93	+ 0.77	− 6.26	22 53 57.50	46.490	+ 8.06	+ 26.2	4 25 21.44	− 4.35	+15 56 26.1	− 0.5
34	B. D.+28°666	9	28 47.75	+ 0.83	− 6.26	10 5 57.05	43.980	+ 8.06	+ 11.1	4 28 42.32	− 4.83	+28 45 39.0	− 1.8
35	B. D.+26°730	9	31 0.88	+ 0.82	− 6.26	11 53 56.88	47.228	+ 8.06	+ 13.1	4 30 55.44	− 4.76	+26 56 22.9	− 1.3
36	B. D.+15°665	8	33 50.18	+ 0.77	− 6.26	23 13 56.95	45.952	+ 8.06	+ 26.6	4 33 44.69	− 4.36	+15 36 38.8	+ 0.4
37	τ Tauri	9	36 39.00	+ 0.80	− **6.26**	16 3 56.75	47.060	+ 8.06	+ 17.9	4 36 33.54	.....	+22 46 21.8	....
38	B. D.+23°733	9	37 35.01	+ 0.81	− 6.26	14 55 56.82	46.988	+ 8.06	+ 16.6	4 37 29.56	− 4.65	+23 54 25.0	− 0.1
39	B. D.+18°719	9	40 50.37	+ 0.78	− 6.26	20 17 57.90	43.430	+ 8.06	+ 22.9	4 40 44.89	− 4.47	+18 33 38.9	+ 0.8
40	B. D.+23°747	9	44 10.29	+ 0.80	− 6.26	15 37 57.72	43.492	+ 8.06	+ 17.4	4 44 4.83	− 4.64	+23 13 43.2	+ 0.7
41	B. D.+23°757	9	47 56.63	+ 0.80	− 6.26	15 41 56.10	44.540	+ 8.06	+ 17.4	4 47 51.17	− 4.64	+23 9 20.9	+ 1.2
42	B. D.+23°777	9	52 9.23	+ 0.81	− 6.26	15 3 57.10	43.088	+ 8.06	+ 16.7	4 52 3.78	− 4.67	+23 47 53.7	+ 1.6
43	B. D.+22°800	9	55 52.37	+ 0.80	− 6.26	15 53 56.35	43.530	+ 8.06	+ 17.7	4 55 46.91	− 4.64	+22 57 43.0	+ 2.1
44	ι Tauri	9	57 31.50	+ 0.80	− **6.27**	17 23 57.52	44.960	+ 8.06	+ 19.4	4 57 26.04	.....	+21 27 7.8	....
45	11 Orionis	9	59 14.83	+ 0.77	− **6.23**	23 33 56.40	47.178	+ 8.06	+ 27.0	4 59 9.34	.....	+15 16 10.7	....
46	Moon I, S.	9	29 16.18	+ 0.80	− 6.26	21 7 57.88	44.291	+ 8.06	+ 24.0	5 29 10.72	+68.82	+17 43 18.2	....
47	Neptune C, C.	9	30 13.03	+ 0.81	− 6.27	16 35 56.20	47.298	+ 8.06	+ 18.5	6 30 7.57	.....	+22 14 16.6	....
	December 22, Br.												
48	Sun I, N.	9	0 55.43	+ 0.65	− 6.46	61 59 57.02	45.770	+ 9.80	+1 53.6	18 0 49.62	+71.26	−23 10 46.3	....
49	Sun II, S.	9	3 17.94	+ 0.65	− 6.46	62 31 58.32	47.038	+ 9.80	+1 56.2	18 3 12.13	−71.25	−23 43 18.6	....
50	Mercury C, C.	9	14 24.96	+ 0.66	− 6.47	61 19 58.68	44.155	+ 8.40	+1 49.8	19 14 19.15	+ 0.16	−22 30 5.5	....
51	Venus I, C.	9	57 40.98	+ 0.67	− 6.48	58 7 59.78	47.082	+ 8.40	+1 36.2	20 57 35.17	+ 0.54	−19 18 59.9	....
52	Venus II.	9	57 41.80	+ 0.67	− 6.48	... .	......	....	. ....	20 57 35.99	− 0.28	.. ..	....
53	ν Tauri	9	58 12.69	+ 0.73	− **6.49**	33 7 57.85	43.430	+ 8.24	+ 39.2	3 58 6.88	.....	+ 5 43 22.5	....
54	151 H¹. Cephei	7	6 52.16	+ 3.82	− 6.55	313 33 53.20	45.723	+ 8.24	−1 2.9	4 6 49.43	.....	+85 18 16.5	....
55	γ Tauri	9	14 29.84	+ 0.77	− **6.54**	23 27 56.82	43.010	+ 8.24	+ 26.1	4 14 24.06	.....	+15 23 46.2	....
56	η Ursæ Minoris s. P.	9	20 17.37	− 0.36	− 6.55	294 51 51.38	45.402	+ 8.24	−2 8.6	16 20 10.46	.....	+75 58 28.1	....
57	*m* Persei	9	26 50.82	+ 0.94	− 6.55	355 59 55.78	44.842	+ 8.24	− 4.1	4 26 45.21	.....	+42 51 35.6	....
58	ν Eridani	9	31 41.03	+ 0.69	− **6.55**	42 23 57.18	43.745	+ 8.24	+ 54.9	4 31 35.17	.....	− 3 32 59.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 2 55	......	....	26.0
3 14	30.14	25.7	26.2
3 44	......	....	25.0
4 8	30.145	25.0	24.3
4 37	......	....	23.7
5 1	30.16	24.6	23.5
5 29	30.165	24.4	23.5
6 30	30.145	23.4	24.3
22 18 3	30.15	33.0	33.5
19 14	30.12	36.0	36.1
20 58	30.09	37.8	37.7
3 53	30.00	34.9	34.7
4 12	......	....	34.2

Micrometer bisections are made at II, VI, except as noted below.

7, 12, 19, 23, 26, 32, 38, 41.	Bisections at II, VII.
16, 28, 37, 43, 48.	Bisections at I, II.
25, 30, 36, 49.	Bisections at VI, VII.
46.	Bisections at II, III, IV, V, VI.
47, 50, 51.	Bisections at I, II, VI, VII.
54, 56.	Bisections at III, IV, V.
57.	Bisections at III, V.

Notes.

1, 54. Unsteady.

56. Unsteady and faint at times.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
46	+20 35.1	+15 41.6	...	+36 16.7
47	+ 0.1	.. ....	...	+ 0.1
48	+ 7.9	−16 16.2	...	−16 8.3
49	+ 7.9	+16 16.1	...	+16 24.0
50	+ 9.6	.. ....	+ 0.3	+ 9.9
51	+ 6.9	.. ....	+ 0.1	+ 7.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	35 B. Camelopardalis.....	9	36 12.29	+ 1.72	− 6.55	323 5 54.78	45.382	+ 8.24	− 45.0	4 36 7.46	.....	+75 46 5.1	....
2	4 Camelopardalis........	8	40 12.77	+ 1.09	− 6.55	342 15 54.50	46.462	+ 8.24	− 19.1	4 40 7.31	.....	+56 35 14.8	....
3	i Tauri.................	9	45 55.69	+ 0.79	− 6.55	20 9 57.18	46.385	+ 8.24	+ 22.2	4 45 49.93	.....	+18 40 32.6	....
4	ι Aurigæ................	9	50 55.24	+ 0.88	− 6.55	5 49 56.38	46.388	+ 8.24	+ 6.2	4 50 49.57	.....	+33 0 49.0	....
5	ε Ursæ Minoris s. p.....	9	55 38.43	− 1.21	− 6.55	301 5 51.60	42.178	+ 8.24	−1 39.2	16 55 30.67	.....	+82 11 43.9	....
6	β Orionis...............	9	10 5.24	+ 0.67	− 6.60	47 9 58.42	42.985	+ 8.24	+1 4.8	5 9 59.36	.....	− 8 18 53.4	....
7	δ Orionis...............	9	27 16.01	+ 0.70	− 6.55	39 11 57.65	47.518	+ 8.24	+ 49.1	5 27 10.16	.....	− 0 22 20.8	....
8	σ Orionis...............	9	34 5.41	+ 0.70	− 6.55	41 29 57.02	45.092	+ 8.24	+ 53.2	5 33 59.56	− 3.98	− 2 39 28.6	+ 7.7
9	κ Orionis...............	9	43 22.00	+ 0.66	− 6.57	48 31 58.60	46.820	+ 8.24	+1 8.1	5 43 16.10	.....	− 9 42 24.6	....
10	δ Leporis...............	9	47 21.22	+ 0.61	− 6.56	59 41 57.55	48.035	+ 8.24	+1 42.8	5 47 15.27	− 3.68	−20 53 25.6	+ 9.2
11	η Leporis...............	6	52 11.66	+ 0.64	− 6.56	53 1 56.60	43.482	+ 8.24	+1 19.8	5 52 5.74	− 3.79	−14 11 18.0	+ 9.3
12	1 Geminorum.............	7	58 27.52	+ 0.82	− 6.56	15 33 56.60	48.245	+ 8.24	+ 16.8	5 58 21.78	.....	+23 15 56.1	....
13	Moon II, S..............	9	31 4.88	+ 0.81	− 6.56	20 43 56.62	47.772	+ 8.24	+ 22.9	6 30 59.13	−69.78	+18 6 0.8	....
	December 23, M.												
14	Sun I, N................	9	5 22.14	+ 0.56	− 6.57	61 59 57.75	44.910	+ 8.42	+1 49.2	18 5 16.13	+71.18	−23 10 21.5	....
15	Sun II, S...............	9	7 44.50	+ 0.56	− 6.57	62 31 56.60	46.263	+ 8.42	+1 51.7	18 7 38.49	−71.18	−23 42 53.3	....
	December 28, M.												
16	6 B. Ursæ Minoris s. p..	9	14 22.33	− 7.27	− 7.45	307 5 52.78	45.397	+ 8.64	−1 18.8	12 14 7.61	.....	+88 13 18.9	....
17	12 Ceti.................	9	25 17.80	+ 0.63	− 7.36	43 19 59.00	43.768	+ 8.64	+ 56.6	0 25 10.98	.....	− 4 29 4.1	....
18	20 Ceti.................	9	48 15.74	+ 0.64	− 7.47	40 29 57.75	45.782	+ 8.64	+ 51.3	0 48 8.92	.....	− 1 39 43.6	....
19	43 H. Cephei............	9	55 51.78	+ 3.97	− 7.46	313 7 54.12	43.536	+ 8.64	−1 3.8	0 55 48.29	.....	+85 45 6.1	....
20	ζ¹ Piscium..............	9	8 52.82	+ 0.68	− 7.47	31 45 57.22	46.328	+ 8.64	+ 37.2	1 8 46.04	.....	+ 7 4 18.5	....
21	υ Piscium...............	9	14 21.56	+ 0.78	− 7.51	12 5 58.02	43.148	+ 8.64	+ 12.9	1 14 14.88	.....	+26 45 54.6	....
22	θ Ceti..................	8	19 23.28	+ 0.61	− 7.48	47 29 59.05	47.425	+ 8.64	+1 5.6	1 19 16.43	.....	− 8 40 36.7	....
23	η Piscium...............	9	26 30.83	+ 0.71	− 7.46	23 59 56.95	44.118	+ 8.64	+ 26.8	1 26 24.08	.....	+14 51 19.7	....
	December 28, Br.												
24	Moon II, S..............	9	21 46.68	+ 0.76	− 7.62	39 45 57.82	47.142	+ 8.53	+ 51.4	12 21 39.82	−67.11	− 0 56 14.9	....
	December 29, Br.												
25	Sun I, S................	9	32 0.68	+ 0.69	− 7.67	62 19 57.22	44.450	+ 9.08	+1 55.4	18 31 53.70	+71.22	−23 30 17.3	....
26	Sun II, N...............	8	34 23.11	+ 0.69	− 7.67	61 47 58.52	43.002	+ 9.08	+1 52.8	18 34 16.13	−71.21	−22 57 42.5	....
27	Venus I, C..............	9	30 55.13	+ 0.72	− 7.69	55 29 58.58	45.850	+ 8.50	+1 27.0	21 30 48.16	+ 0.62	−16 40 21.5	....
28	Venus II................	9	30 56.06	+ 0.72	− 7.69	... .	......	....	. ....	21 30 49.09	− 0.31	.. ..	....
29	α Arietis...............	9	1 56.26	+ 0.85	− 7.69	15 49 57.60	46.028	+ 8.42	+ 17.2	2 1 49.41	.....	+23 0 45.2	....
30	55 Cassiopeiæ...........	9	7 9.72	+ 1.25	− 7.70	332 47 53.38	42.635	+ 8.42	− 31.0	2 7 3.27	.....	+66 4 55.1	....
31	67 Ceti.................	9	12 21.90	+ 0.73	− 7.74	45 41 58.68	45.448	+ 8.42	+1 1.9	2 12 14.93	.....	− 6 51 47.3	....
32	ι Cassiopeiæ............	9	21 22.48	+ 1.28	− 7.70	331 53 52.95	43.312	+ 8.42	− 32.1	2 21 16.06	.....	+66 58 40.9	....
33	5 Ursæ Minoris s. p.....	9	27 46.30	− 0.18	− 7.70	295 1 51.08	41.352	+ 8.42	−2 8.2	14 27 38.42	.....	+76 6 55.9	....
34	ν Arietis...............	9	33 32.66	+ 0.84	− 7.69	17 17 58.38	45.342	+ 8.42	+ 18.8	2 33 25.80	.....	+21 32 58.5	....
35	θ Persei................	9	37 50.37	+ 1.02	− 7.70	350 1 55.15	44.932	+ 8.42	− 10.5	2 37 43.69	.....	+48 49 40.4	....
36	47 H. Cephei............	9	53 37.32	+ 1.91	− 7.71	319 49 53.48	43.932	+ 8.42	− 50.7	2 53 31.52	.....	+79 2 44.9	....
37	γ Persei................	9	58 2.87	+ 1.06	− 7.71	345 43 55.18	43.942	+ 8.42	− 15.3	2 57 56.22	.....	+53 8 7.8	....
38	β Persei................	9	2 6.90	+ 0.95	− 7.71	358 15 55.68	45.245	+ 8.42	− 1.8	3 2 0.14	.....	+40 35 24.0	....
39	57 B. Ursæ Minoris s. p..	5	7 22.82	− 4.55	− 7.71	306 29 51.58	41.562	+ 8.42	−1 21.2	15 7 10.56	.....	+87 35 47.8	....
40	τ¹ Arietis..............	9	15 52.07	+ 0.84	− 7.70	18 1 57.25	47.408	+ 8.42	+ 19.7	3 15 45.20	.....	+20 48 11.5	....
41	γ² Ursæ Minoris s. p.....	9	20 56.10	+ 0.04	− 7.71	291 3 51.08	45.888	+ 8.42	−2 35.0	15 20 48.43	.....	+72 10 12.7	....
42	f Tauri.................	9	25 45.28	+ 0.80	− 7.74	26 13 58.35	45.992	+ 8.42	+ 29.8	3 25 38.37	.....	+12 36 32.7	....
43	11 Tauri................	9	35 13.47	+ 0.86	− 7.71	13 49 57.02	44.822	+ 8.42	+ 14.9	3 35 6.62	.....	+25 1 15.3	....
44	ν Persei................	9	38 52.24	+ 0.96	− 7.71	356 33 55.50	47.182	+ 8.42	− 3.5	3 38 45.49	.....	+42 16 41.6	....
45	ζ Persei................	9	48 17.31	+ 0.90	− 7.71	7 15 56.50	43.120	+ 8.42	+ 7.8	3 48 10.50	.....	+31 36 2.1	....
46	γ Eridani...............	9	53 43.61	+ 0.70	− 7.75	52 35 57.88	47.850	+ 8.42	+1 19.2	3 53 36.60	.....	−13 46 58.6	....
47	ν Tauri.................	9	58 13.83	+ 0.78	− 7.69	33 7 57.48	43.400	+ 8.42	+ 39.6	3 58 6.90	.....	+ 5 43 23.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	In.	°	°
22 4 40	......	....	34.0
5 0	30.00	34.9	34.0
5 19	29.99	34.9	34.1
6 3	29.98	34.2	34.0
6 33	29.97	34.0	33.2
23 18 8	29.86	46.0	47.8
28 0 5	29.43	28.9	27.0
0 25	......	....	27.0
1 3	29.47	28.2	26.8
1 22	29.48	27.8	26.7
12 22	29.77	20.0	19.1
29 18 34	29.83	28.9	28.0
21 31	29.84	34.8	34.1
2 2	29.88	29.7	30.0
2 28	......	....	31.0
2 51	29.88	29.9	31.3
3 26	......	....	30.2
3 58	......	....	29.0

Micrometer bisections are made at II, VI, except as noted below.

1, 33.	Bisections at III, IV, V.
2.	Bisections at b_2, b_8.
4, 7, 25, 43.	Bisections at I, II.
5, 30, 35–38, 41, 44.	Bisections at III, V.
10, 26.	Bisections at VI, VII.
13, 24.	Bisections at II, III, IV, V, VI.
14.	Bisections at I, II, III.
15.	Bisections at V, VI, VII.
16, 19.	Bisections at b_1, b_2, b_3, b_8, b_9.
27.	Bisections at I, II, VI, VII.
39.	Bisections at b_1, b_2, b_5.

Notes.

2.	Revolutions of micrometer reading assumed.
7–12, 18–23.	Clouds.
16, 17, 20.	Poor.
16, 33, 36, 39, 41.	Unsteady.
20.	Very faint.
33, 41.	Woolly.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
13	+20 26.8	+15 51.6	...	+36 18.4
14	+ 7.9	−16 15.9	...	−16 8.0
15	+ 7.9	+16 15.9	...	+16 23.8
24	+37 44.2	+16 9.3	...	+53 53.5
25	+ 7.9	+16 17.4	...	+16 25.3
26	+ 7.9	−16 17.4	...	−16 9.5
27	+ 7.0	.. ....	+ 0.1	+ 7.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	151 H^{1}. Cephei	9	6 52.33	+ 3.46	− 7.71	313 33 53.22	45.662	+ 8.42	−1 3.4	4 6 48.08	.....	+85 18 18.2	....
2	γ Tauri	9	14 30.94	+ 0.81	− **7.68**	23 27 56.15	43.012	+ 8.42	+ 26.4	4 14 24.03	.....	+15 23 46.4	....
3	η Ursæ Minoris s. p.	9	20 18.68	− 0.17	− 7.72	294 51 50.78	45.368	+ 8.42	−2 9.8	16 20 10.79	.....	+75 58 25.7	....
4	m Persei	9	26 51.89	+ 0.96	− 7.72	355 59 55.92	44.785	+ 8.42	− 4.2	4 26 45.13	.....	+42 51 36.7	....
5	ν Eridani	9	31 42.13	+ 0.74	− **7.70**	42 23 56.88	43.752	+ 8.42	+ 55.4	4 31 35.15	.....	− 3 33 0.2	....
	December 29, M.												
6	Moon II, S.	9	17 10.25	+ 0.79	− 7.68	44 27 58.28	44.263	+ 9.33	+1 0.0	13 17 3.36	−67.12	− 5 37 18.9	....
	December 30, M.												
7	Sun I, S.	9	36 26.61	+ 0.70	− 7.71	62 15 58.58	45.200	+ 9.96	+1 52.2	18 36 19.60	+71.14	−23 26 33.5	....
8	Sun II, N.	8	38 48.88	+ 0.70	− 7.71	61 43 59.25	43.815	+ 9.96	+1 49.7	18 38 41.87	−71.13	−22 53 59.6	....
9	6 B. Ursæ Minoris s. p.	9	14 24.44	− 7.65	− 7.76	307 5 53.18	45.271	+ 7.98	−1 17.0	12 14 9.03	.....	+88 13 17.5	....
10	12 Ceti	9	25 18.15	+ 0.65	− **7.75**	43 19 58.72	43.862	+ 7.98	+ 55.3	0 25 11.04	.....	− 4 29 4.0	....
11	ζ Cassiopeiæ	9	31 47.58	+ 1.04	− 7.76	345 29 56.65	42.582	+ 7.98	− 15.1	0 31 40.86	.....	+53 22 37.5	....
12	73 G. Ceti	9	40 9.15	+ 0.55	− 7.76	61 21 58.82	43.903	+ 7.98	+1 47.2	0 40 1.94	− 2.47	−22 31 56.8	− 7.1
13	59 H^{1}. Cassiopeiæ	9	45 4.85	+ 1.21	− 7.76	335 7 53.75	44.780	+ 7.98	− 27.1	0 44 58.30	− 4.64	+63 44 2.3	−33.6
14	43 H. Cephei	8	55 51.30	+ 4.18	− 7.76	313 7 53.62	43.490	+ 7.98	−1 2.4	0 55 47.72	.....	+85 45 6.9	....
15	ζ^{1} Piscium	9	8 52.97	+ 0.71	− **7.67**	31 45 57.65	46.410	+ 7.98	+ 36.4	1 8 45.92	.....	+ 7 4 17.7	....
16	υ Piscium	9	14 21.72	+ 0.82	− **7.74**	12 5 57.20	43.250	+ 7.98	+ 12.6	1 14 14.78	.....	+26 45 54.1	....
17	δ Cassiopeiæ	9	19 43.48	+ 1.13	− 7.76	339 7 54.65	42.858	+ 7.98	− 22.3	1 19 36.85	.....	+59 44 40.3	....
18	38 Cassiopeiæ	8	24 17.25	+ 1.39	− 7.77	329 5 53.10	43.265	+ 7.98	− 35.1	1 24 10.87	.....	+69 46 45.5	....
19	υ Andromedæ	9	31 20.49	+ 0.92	− 7.77	357 55 56.40	43.890	+ 7.98	− 2.1	1 31 13.64	.....	+40 55 54.9	....
20	ω Cassiopeiæ	9	35 25.96	+ 1.32	− 7.77	331 17 54.22	45.212	+ 7.98	− 32.1	1 35 19.51	.....	+67 33 56.6	....
21	o Piscium	9	40 29.76	+ 0.72	− **7.75**	30 9 57.90	45.490	+ 7.98	+ 34.2	1 40 22.71	.....	+ 8 40 40.7	....
22	ε Cassiopeiæ	9	47 41.32	+ 1.20	− 7.77	335 39 53.52	44.065	+ 7.98	− 26.5	1 47 34.75	.....	+63 12 18.0	....
23	50 Cassiopeiæ	9	55 27.36	+ 1.48	− 7.77	326 53 52.20	45.675	+ 7.98	− 38.2	1 55 21.07	.....	+71 57 54.4	....
24	α Arietis	9	1 56.32	+ 0.79	− **7.70**	15 49 58.18	46.008	+ 7.98	+ 16.7	2 1 49.34	.....	+23 0 46.0	....
25	55 Cassiopeiæ	9	7 9.54	+ 1.27	− 7.77	332 45 53.28	47.845	+ 7.98	− 30.1	2 7 3.04	.....	+66 4 55.4	....
26	67 Ceti	9	12 21.98	+ 0.64	− **7.74**	45 41 59.00	45.528	+ 7.98	+1 0.2	2 12 14.85	.....	− 6 51 47.3	....
	December 30, Br.												
27	39 H. Cephei s. p.	9	28 4.22	− 4.15	− 7.94	305 39 51.48	45.610	+ 8.42	−1 22.1	23 27 52.13	.....	+86 47 19.3	....
28	ν Virginis	9	41 5.78	+ 0.73	− 7.94	31 45 56.58	48.185	+ 8.42	+ 36.8	11 40 58.57	− 3.02	+ 7 3 37.3	+22.5
29	β Virginis	4	45 52.07	+ 0.70	− **7.97**	36 31 56.02	46.980	+ 8.42	+ 44.0	11 45 44.83	.....	+ 2 17 58.5	....
30	o Leonis	9	50 54.43	+ 0.77	− 7.94	22 39 56.28	46.632	+ 8.42	+ 24.8	11 50 47.26	− 2.87	+16 10 25.1	+25.2
31	π Virginis	9	56 7.40	+ 0.73	− **7.98**	31 41 56.[illegible]8	45.685	+ 8.42	+ 36.7	11 56 0.19	.....	+ 7 8 34.6	....
32	10 Virginis	9	4 56.29	+ 0.71	− 7.94	36 23 55.75	47.305	+ 8.42	+ 43.8	12 4 49.06	− 2.92	+ 2 25 51.3	+20.0
33	6 B. Ursæ Minoris	9	14 8.11	+ 9.50	− 7.94	310 39 51.08	43.340	+ 8.42	−1 9.0	12 14 9.67	.....	+88 13 18.5	....
34	15 Comæ Berenices	9	22 18.86	+ 0.85	− 7.95	10 3 57.42	44.078	+ 8.42	+ 10.6	12 22 11.76	− 2.45	+28 47 36.5	+28.0
35	24 Comæ Berenices	9	30 28.67	+ 0.79	− 7.95	19 55 55.75	48.195	+ 8.42	+ 21.7	12 30 21.51	.....	+18 53 53.0	....
36	9 Canum Venaticorum	9	34 18.41	+ 0.94	− 7.95	357 27 54.80	44.702	+ 8.42	− 2.6	12 34 11.40	− 2.07	+41 23 38.0	+30.9
37	35 Virginis	9	43 8.01	+ 0.72	− **7.95**	34 45 57.15	43.142	+ 8.42	+ 41.4	12 43 0.78	.....	+ 4 5 27.1	....
38	31 Comæ Berenices	9	47 10.84	+ 0.85	− **8.06**	10 47 56.58	44.898	+ 8.42	+ 11.4	12 47 3.74	.....	+28 3 17.8	....
39	43 H. Cephei s. p.	6	55 58.83	− 2.98	− 7.95	304 37 51.42	45.257	+ 8.42	−1 25.9	0 55 47.90	.....	+85 45 7.5	....
40	44 H. Cephei s. p.	9	4 14.61	− 0.75	− 7.95	298 1 50.38	49.632	+ 8.42	−1 51.2	1 4 5.91	− 8.57	+79 10 21.3	−34.4
41	19 Canum Venaticorum	9	11 21.81	+ 0.94	− 7.95	357 29 55.60	45.750	+ 8.42	− 2.5	13 11 14.80	− 1.63	+41 21 13.2	+28.6
42	23 Canum Venaticorum	9	16 9.68	+ 0.94	− 7.95	358 11 54.92	46.940	+ 8.42	− 1.8	13 16 2.67	− 1.60	+40 38 46.0	+28.1
43	ζ Virginis	8	29 57.81	+ 0.69	− **8.04**	38 57 56.95	43.022	+ 8.42	+ 48.4	13 29 50.55	.....	− 0 6 36.6	....
44	Moon II, S.	9	12 54.62	+ 0.67	− 7.92	48 49 57.85	45.156	+ 8.42	+1 8.4	14 12 47.37	−67.47	− 9 59 46.4	....
	December 31, Br.												
45	Sun I, N.	9	40 52.67	+ 0.52	− 7.95	61 39 57.98	43.400	+ 9.30	+1 47.0	18 40 45.24	+71.08	−22 49 45.9	....
46	Sun II, S.	9	43 14.84	+ 0.52	− 7.95	62 11 56.58	44.908	+ 9.30	+1 49.5	18 43 7.41	−71.09	−23 22 21.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 4 20	......	....	28.2
4 32	29.87	28.4	28.1
13 17	29.85	25.6	24.6
30 18 39	29.84	37.7	39.9
0 5	29.78	44.0	44.0
0 49	......	....	42.4
1 5	29.78	41.9	42.0
1 28	......	....	41.4
1 52	......	....	41.2
2 12	29.79	40.9	41.9
11 23	29.73	34.9	36.9
11 56	......	....	36.8
12 15	......	....	35.1
12 27	29.735	34.1	....
12 47	29.73	34.0	33.9
13 30	29.74	33.4	32.9
14 13	29.745	33.0	32.8
31 18 43	29.73	47.2	48.2

Micrometer bisections are made at II, VI, except as noted below.

1, 27, 33, 39, 40.	Bisections at III, IV, V.
3, 4, 13, 18, 23, 41, 42.	Bisections at III, V.
6, 44.	Bisections at II, III, IV, V, VI.
7, 37, 45.	Bisections at I, II.
8, 29, 46.	Bisections at VI, VII.
9, 14.	Bisections at b_1, b_2, b_5, b_8, b_9.
12.	Bisections at II, VI, VII.

Notes.

12.	Poor.
20.	Unsteady.
21–26.	Conditions poor.
27.	Micrometer reading decreased 1 rev.
29.	Clouds.
43.	Woolly and very unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+41 11.7	+16 6.3	...	+57 18.0
7	+ 7.9	+16 17.0	...	+16 24.9
8	+ 7.9	−16 16.9	...	−16 9.0
44	+44 5.8	+16 2.1	...	+60 7.9
45	+ 7.9	−16 17.6	...	−16 9.7
46	+ 7.9	+16 17.5	...	+16 25.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	January 4, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Ceti	9	38 56.63	+ 0.73	− [illegible]	57 19 53.32	46.615	+ 8.42	+1 36.4	0 38 48.84	.....	−18 30 42.7	....
2	43 H. Cephei	9	55 50.78	+ 3.55	− 8.53	313 7 57.82	43.465	+ 8.42	−1 5.8	0 55 45.80	.....	+85 45 6.2	....
3	ζ^1 Piscium	9	8 53.67	+ 0.82	− 8.54	31 46 3.10	46.042	+ 8.42	+ 38.4	1 8 45.96	.....	+ 7 4 18.2	....
4	υ Piscium	9	14 22.42	+ 0.90	− [illegible]	12 6 0.90	43.012	+ 8.42	+ 13.3	1 14 14.79	.....	+26 45 54.9	....
5	α Ursæ Minoris	8	25 14.16	+10.69	− 8.53	310 3 59.92	45.886	+ 8.42	−1 13.4	1 25 16.32	.....	+88 48 15.5	....
6	ν Ceti	9	31 1.32	+ 0.82	− 8.53	33 40 3.58	45.200	+ 8.42	+ 41.5	2 30 53.60	.....	+ 5 10 33.9	....
7	δ Ceti	9	34 44.76	+ 0.80	− 8.47	38 55 59.88	43.960	+ 8.42	+ 50.3	2 34 37.02	.....	− 0 5 2.9	....
8	γ Ceti	9	38 30.73	+ 0.81	− 8.53	35 59 58.15	46.802	+ 8.42	+ 45.3	2 38 23.00	.....	+ 2 49 59.0	....
9	41 Arietis	9	44 31.62	+ 0.90	− [illegible]	11 57 58.25	47.892	+ 8.42	+ 13.3	2 44 23.98	.....	+26 52 5.8	....
	January 9, Y.												
10	Sun I, S.	9	20 27.97	+ 0.75	− 9.35	61 14 2.08	43.760	+10.83	+1 51.8	19 20 19.37	+70.51	−22 24 4.5	....
11	Sun II, N	9	22 48.99	+ 0.75	− 9.35	60 42 1.15	42.440	+10.83	+1 49.4	19 22 40.39	−70.51	−21 51 30.7	....
	January 10, Br.												
12	Sun I	9	24 49.66	+ 0.71	− 9.64	60 48	......	.....	. ....	19 24 40.73	+70.50	.. ..	....
13	Sun II	9	27 10.66	+ 0.71	− 9.64	... .	......	.....	. ....	19 27 1.73	−70.50	.. ..	....
	January 12, Br.												
14	31 Comæ Berenices	9	47 13.39	+ 0.90	−10.20	10 48 0.45	44.685	+11.54	+ 11.5	12 47 4.16	.....	+28 3 15.6	....
15	43 H. Cephei s. P.	9	55 56.94	− 2.43	−10.13	304 37 56.08	45.022	+11.54	−1 26.2	0 55 44.38	.....	+85 45 9.6	....
16	43 Comæ Berenices	9	7 35.34	+ 0.91	−10.12	10 30 0.58	44.395	+11.54	+ 11.2	13 7 26.12	.....	+28 21 22.4	....
17	23 Canum Venaticorum	9	16 12.24	+ 0.98	−10.13	358 11 58.60	46.718	+11.54	− 1.8	13 16 3.09	+ 0.59	+40 38 44.3	+11.4
18	α Ursæ Minoris s. P.	8	25 27.95	−10.51	−10.13	307 39 54.78	47.601	+11.54	−1 17.2	1 25 7.31	.....	+88 48 16.1	....
19	83 Virginis	8	39 31.45	+ 0.72	−10.13	54 32 0.38	44.790	+11.54	+1 24.0	13 39 22.04	+ 0.12	−15 41 59.1	− 7.4
20	7 Boötis	9	48 49.36	+ 0.85	−10.13	20 25 58.92	47.718	+11.54	+ 22.4	13 48 40.08	+ 0.50	+18 23 56.9	+ 4.1
21	τ Virginis	9	56 57.63	+ 0.79	−10.13	36 49 59.98	45.960	+11.54	+ 45.0	13 56 48.29	.....	+ 2 0 13.5	....
22	d Boötis	9	6 12.57	+ 0.89	−10.10	13 17 59.30	46.960	+11.54	+ 14.2	14 6 3.33	.....	+25 32 22.0	....
23	κ Virginis	9	7 58.65	+ 0.74	−10.13	48 40	......	......	. ....	14 7 49.25	.....	− 9 49	....
24	α Boötis	9	11 28.33	+ 0.86	−10.11	19 9 57.55	46.392	+11.54	+ 20.9	14 11 19.05	.....	+19 40 30.1	....
	January 13, M.												
25	η Virginis	9	15 12.41	+ 0.78	−10.17	38 57 54.28	47.618	+10.74	+ 50.5	12 15 3.03	.....	− 0 8 23.4	....
26	δ Corvi	9	25 6.71	+ 0.73	−10.18	54 47 55.45	47.890	+10.74	+1 28.5	12 24 57.28	.....	−15 59 8.7	....
27	ρ Virginis	9	37 13.98	+ 0.81	−10.16	28 3 55.80	48.712	+10.74	+ 33.4	12 37 4.63	.....	+10 45 27.1	....
28	35 Virginis	9	43 10.61	+ 0.79	−10.17	34 43 55.08	48.422	+10.74	+ 43.4	12 43 1.24	.....	+ 4 5 24.5	....
29	31 Comæ Berenices	9	47 13.43	+ 0.88	−10.19	10 47 55.58	44.882	+10.74	+ 12.0	12 47 4.15	.....	+28 3 16.2	....
30	δ Virginis	9	50 58.42	+ 0.79	−10.11	34 55 56.32	44.802	+10.74	+ 43.7	12 50 49.05	.....	+ 3 54 45.7	....
31	ε Virginis	9	57 36.17	+ 0.81	−10.17	27 21 54.85	47.100	+10.74	+ 32.4	12 57 26.82	.....	+11 28 6.2	....
32	θ Virginis	9	5 11.23	+ 0.76	−10.15	43 51 55.50	45.850	+10.74	+1 0.1	13 5 1.83	.....	− 5 1 53.8	....
33	Mercury C, C	9	6 49.72	+ 0.74	−10.20	59 43 55.12	44.268	+11.23	+1 46.0	18 6 40.26	− 0.13	−20 54 3.6	....
	January 14, M.												
34	Sun I, S.	9	42 9.86	+ 0.74	−10.21	60 25 55.95	45.005	+11.52	+1 48.5	19 42 0.39	+70.04	−21 36 24.2	....
35	Sun II, N	9	44 29.94	+ 0.74	−10.21	59 53 55.82	43.748	+11.52	+1 46.2	19 44 20.47	−70.04	−21 3 52.8	....
36	Venus I, C	9	41 57.33	+ 0.78	−10.23	48 19 57.80	42.826	+11.01	+1 9.1	22 41 47.88	+ 0.63	− 9 28 56.2	....
	January 14, Ei.-M.												
37	Moon I, S.	9	23 14.87	+ 0.86	−10.27	29 47 55.42	43.298	+10.50	+ 35.7	2 23 5.46	+62.95	+ 9 3 29.3	....
[illegible]	41 Arietis	9	44 33.24	+ 0.91	−10.25	11 57 55.05	47.918	+10.57	+ 13.3	2 44 23.88	.....	+26 52 6.3	....
39	σ Arietis	9	46 24.63	+ 0.86	−10.33	24 9 55.70	43.965	+10.58	+ 28.0	2 46 15.22	.....	+14 41 21.3	....
40	B. D.+ 8°443	9	48 49.81	+ 0.84	−10.27	29 53 55.22	45.242	+10.59	+ 35.9	2 48 40.38	− 0.36	+ 8 56 44.7	+ 7.3
41	B. D.+14°492	9	50 35.72	+ 0.86	−10.27	24 31 53.60	44.382	+10.60	+ 28.5	2 50 26.31	− 0.42	+14 19 13.3	+ 5.6
42	B. D.+13°484	9	53 42.24	+ 0.85	−10.27	25 37 54.42	43.638	+10.61	+ 30.0	2 53 32.82	− 0.43	+13 13 28.0	+ 6.0
43	B. D.+14°502	9	55 48.27	+ 0.86	−10.27	24 11 53.80	44.265	+10.61	+ 28.1	2 55 38.86	− 0.45	+14 39 16.2	+ 5.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 0 39	29.89	20.0	19.6
1 3	......	....	19.0
1 25	29.91	19.3	18.7
2 35		..	17.1
2 45	29.93	17.8	17.0
9 19 21	30.24	30.0	29.1
12 12 47	29.89	34.6	34.7
13 49	[illegible]	34.5	34.3
14 11	29.92	34.3	34.1
13 12 15	29.99	19.6	16.8
12 36			16.1
13 3	29.99	18.8	15.8
18 7	30.11	23.8	22.0
14 19 44	30.09	25.9	24.1
22 42	30.08	[illegible]	25.0
2 23	30.125	20.6	19.9
2 45	30.13	20.0	19.7

Micrometer bisections are made at II, VI, except as noted below.

1, 4, 11, 31, 35.	Bisections at VI, VII.
2, 15.	Bisections at III, IV, V.
5.	Bisections at b_1, b_2, b_5, b_8, b_9.
8.	Bisections at II, VI, VII.
10, 22, 34.	Bisections at I, II.
17.	Bisections at III, V.
18.	Bisections at b_2, b_4, b_5, b_6, b_8.
33, 36.	Bisections at I, II, VI, VII.
37.	Bisections at II, III, IV, V, VI.

Notes.

4.	Poor.
15.	Blurred and unsteady.
16, 18.	Unsteady.
21-23.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 7.8	+16 16.9	...	+16 24.7
11	+ 7.8	−16 16.9	...	−16 9.1
33	+ 8.8	.. ....	+0.2	+ 9.0
34	+ 7.8	+16 15.6	...	+16 23.4
35	+ 7.7	−16 15.7	...	−16 8.0
36	+ 7.1	.. ....	+0.3	+ 7.4
37	+27 9.8	+14 59.9	...	+42 9.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+20°501	9	0 13.69	+ 0.88	-10.27	18 19 54.98	42.800	+10.63	+ 20.7	3 0 4.30	- 0.54	+20 31 55.9	+ 3.9
2	B. D.+20°514	9	4 3.09	+ 0.88	-10.27	18 27 55.48	43.089	+10.64	+ 20.9	3 3 53.70	- 0.55	+20 23 48.5	+ 4.0
3	B. D.+18°432	9	8 40.71	+ 0.87	-10.27	20 13 54.72	45.210	+10.66	+ 23.0	3 8 31.31	- 0.56	+18 36 58.7	+ 4.8
4	B. D.+24°464	9	12 38.27	+ 0.90	-10.27	14 19 54.88	43.430	+10.67	+ 16.0	3 12 28.90	- 0.64	+24 31 46.2	+ 3.0
5	B. D.+25°536	9	14 57.57	+ 0.90	-10.27	13 31 54.72	44.995	+10.68	+ 15.1	3 14 48.20	- 0.66	+25 19 11.5	+ 2.9
6	B. D.+19°523	9	18 43.85	+ 0.88	-10.27	19 17 55.40	42.405	+10.69	+ 21.9	3 18 34.46	- 0.61	+19 34 3.2	+ 4.8
7	B. D.+13°545	9	20 17.79	+ 0.86	-10.27	25 5 53.85	44.798	+10.70	+ 29.3	3 20 8.38	- 0.56	+13 45 2.7	+ 6.7
8	B. D.+19°547	9	25 11.17	+ 0.88	-10.27	19 3 55.10	46.188	+10.72	+ 21.6	3 25 1.78	- 0.65	+19 46 37.3	+ 5.0
9	B. D.+15°449	9	27 43.80	+ 0.87	-10.27	23 37 53.90	43.718	+10.73	+ 27.3	3 27 34.40	- 0.61	+15 13 29.3	+ 6.5
10	B. D.+23°483	9	32 15.65	+ 0.90	-10.28	14 53 54.00	46.060	+10.74	+ 16.7	3 32 6.27	- 0.73	+23 56 46.2	+ 4.0
11	11 Tauri	9	35 15.83	+ 0.90	-10.28	13 49 53.32	44.845	+10.75	+ 15.4	3 35 6.45	.....	+25 1 15.9	....
12	17 Tauri	9	39 24.08	+ 0.90	-10.28	15 1 54.48	45.912	+10.77	+ 16.8	3 39 14.70	- 0.76	+23 48 48.7	+ 4.3
13	B. D.+18°537	9	40 44.22	+ 0.88	-10.28	20 35 54.55	42.305	+10.77	+ 23.5	3 40 34.82	- 0.70	+18 16 4.7	+ 6.0
14	B. D.+23°556	9	43 28.27	+ 0.90	-10.28	15 17 54.75	42.980	+10.78	+ 17.1	3 43 18.89	- 0.77	+23 33 55.4	+ 4.5
15	B. D.+12°516	9	46 9.44	+ 0.86	-10.28	26 5 55.30	43.630	+10.79	+ 30.6	3 46 0.02	- 0.68	+12 45 26.6	+ 7.8
16	B. D.+14°624	9	48 37.90	+ 0.87	-10.28	23 55 54.28	47.510	+10.80	+ 27.8	3 48 28.49	- 0.70	+14 54 1.7	+ 7.3
17	B. D.+24°599	9	51 55.66	+ 0.90	-10.28	14 39 54.58	45.165	+10.81	+ 16.4	3 51 46.28	- 0.82	+24 11 6.3	+ 4.7
18	λ Tauri	9	55 35.08	+ 0.86	**-10.24**	26 37 56.00	44.285	+10.82	+ 31.4	3 55 25.66	.....	+12 13 10.0	....
19	*A* Tauri	9	59 14.81	+ 0.89	**-10.24**	17 1 54.40	44.680	+10.84	+ 19.2	3 59 5.42	.....	+21 49 14.8	....
20	B. D.+27°633	9	0 56.90	+ 0.92	-10.28	11 29 55.28	46.760	+10.84	+ 12.8	4 0 47.54	- 0.89	+27 20 32.7	+ 4.1
21	B. D.+23°624	9	3 20.61	+ 0.90	-10.28	15 13 54.18	45.332	+10.85	+ 17.1	4 3 11.23	- 0.86	+23 37 2.2	+ 5.3
22	*p* Tauri	9	5 12.86	+ 0.91	-10.28	12 37 55.25	43.130	+10.86	+ 14.0	4 5 3.49	- 0.90	+26 13 54.5	+ 4.6
23	B. D.+23°648	9	8 55.45	+ 0.90	-10.28	15 23 53.18	44.870	+10.87	+ 17.3	4 8 46.07	- 0.88	+23 27 13.5	+ 5.5
24	B. D.+24°643	9	12 53.26	+ 0.90	-10.28	14 5 54.52	42.425	+10.88	+ 15.7	4 12 43.88	- 0.90	+24 46 9.6	+ 5.3
25	B. D.+13°663	9	14 46.91	+ 0.87	-10.28	25 1 53.42	46.932	+10.89	+ 29.2	4 14 37.50	- 0.80	+13 48 14.3	+ 8.3
26	B. D.+20°744	9	16 57.58	+ 0.89	-10.28	18 15 54.02	43.460	+10.90	+ 20.7	4 16 48.19	- 0.87	+20 35 41.5	+ 6.6
27	B. D.+25°710	8	19 33.30	+ 0.91	-10.28	13 19 53.20	43.590	+10.91	+ 14.9	4 19 23.93	- 0.94	+25 31 45.1	+ 5.4
28	B. D.+15°625	9	21 6.12	+ 0.87	-10.28	23 25 53.02	47.558	+10.91	+ 27.1	4 20 56.71	- 0.84	+15 24 2.4	+ 8.1
29	B. D.+20°761	9	23 16.74	+ 0.89	-10.28	18 23 54.15	43.000	+10.92	+ 20.8	4 23 7.35	- 0.90	+20 27 51.7	+ 6.8
30	80 Tauri	9	24 53.78	+ 0.87	-10.28	23 25 55.18	43.110	+10.93	+ 27.1	4 24 44.37	- 0.86	+15 25 41.9	+ 8.2
31	B. D.+24°663	9	26 45.32	+ 0.91	-10.28	13 51 55.15	45.848	+10.93	+ 15.5	4 26 35.95	- 0.96	+24 58 50.9	+ 5.8
32	B. D.+17°751	9	29 22.71	+ 0.88	-10.28	21 17 56.00	45.278	+10.94	+ 24.4	4 29 13.31	- 0.89	+17 32 54.2	+ 7.8
33	B. D.+18°661	9	31 53.69	+ 0.88	-10.28	20 29 54.58	45.460	+10.95	+ 23.4	4 31 44.29	- 0.90	+18 20 52.1	+ 7.6
34	B. D.+28°680	9	35 33.32	+ 0.93	-10.28	10 25 55.00	43.640	+10.96	+ 11.6	4 35 23.97	- 1.03	+28 25 45.4	+ 5.3
35	B. D.+27°688	9	37 51.08	+ 0.92	-10.28	11 19 55.20	46.220	+10.97	+ 12.6	4 37 41.72	- 1.03	+27 30 45.2	+ 5.6
36	B. D.+28°695	9	42 30.23	+ 0.93	-10.28	9 47 54.78	43.168	+10.99	+ 10.9	4 42 20.88	- 1.06	+29 3 57.1	+ 5.4
37	*i* Tauri	9	45 59.30	+ 0.89	-10.28	20 9 54.28	46.322	+11.00	+ 23.0	4 45 49.91	....	+18 40 33.4	....
38	B. D.+20°846	9	49 44.92	+ 0.89	-10.28	18 41 54.02	43.978	+11.01	+ 21.2	4 49 35.53	- 0.98	+20 9 29.0	+ 7.8
39	B. D.+25°766	9	53 56.51	+ 0.92	-10.29	13 3 54.70	44.215	+11.03	+ 14.6	4 53 47.14	- 1.05	+25 47 29.5	+ 6.6
40	ι Tauri	9	57 35.45	+ 0.90	**-10.32**	17 23 55.05	44.928	+11.04	+ 19.7	4 57 26.06	.....	+21 27 7.8	....
41	11 Orionis	9	59 18.78	+ 0.88	**-10.29**	23 33 54.92	47.138	+11.05	+ 27.4	4 59 9.37	.....	+15 16 9.7	....
	January 15, Br.												
42	Moon I, S.	9	13 13.87	+ 0.94	-10.56	26 29 55.85	47.031	+10.90	+ 30.9	3 13 4.25	+64.47	+12 20 8.0	....
43	*f* Tauri	9	25 47.83	+ 0.92	**-10.56**	26 13 57.10	45.925	+10.90	+ 30.6	3 25 38.19	.....	+12 36 32.2	....
44	τ^5 Eridani	9	29 45.69	+ 0.83	-10.56	60 45 54.05	47.655	+10.90	+1 50.5	3 29 35.96	.....	-21 57 24.1	....
45	11 Tauri	9	35 16.11	+ 0.96	-10.56	13 49 55.05	44.798	+10.90	+ 15.3	3 35 6.51	.....	+25 1 15.2	....
46	τ^6 Eridani	9	42 55.91	+ 0.83	-10.56	62 21 54.75	43.950	+10.90	+1 57.9	3 42 46.18	.....	-23 32 7.5	....
47	ζ Persei	9	48 20.07	+ 0.98	-10.56	7 15 54.42	43.070	+10.90	+ 7.9	3 48 10.49	.....	+31 36 2.7	....
48	γ Eridani	9	53 46.11	+ 0.86	**-10.55**	52 35 55.15	47.875	+10.90	+1 20.9	3 53 36.40	.....	-13 47 0.6	....
49	ν Tauri	9	58 16.44	+ 0.91	**-10.54**	33 7 55.90	43.385	+10.90	+ 40.4	3 58 6.78	.....	+ 5 43 21.6	....
50	151 H^1. Cephei	9	6 53.83	+ 2.94	-10.57	313 33 51.05	45.493	+10.90	-1 4.7	4 6 46.20	.....	+85 18 23.1	....
51	γ Tauri	9	14 33.59	+ 0.93	**-10.54**	23 27 54.65	42.975	+10.90	+ 26.9	4 14 23.95	.....	+15 23 45.8	....
52	η Ursæ Minoris s. P.	9	20 22.04	+ 0.14	-10.57	294 51 49.58	45.195	+10.90	-2 12.2	16 20 11.61	.....	+75 58 20.7	....
53	*m* Persei	9	26 54.61	+ 1.03	-10.57	355 59 54.78	44.645	+10.90	- 4.2	4 26 45.07	.....	+42 51 38.5	....
54	ν Eidani	9	31 44.82	+ 0.81	**-10.55**	42 23 55.50	43.752	+10.90	+ 56.4	4 31 35.06	.....	- 3 33 2.3	....
55	4 Camelopardalis	9	40 16.66	+ 1.13	-10.57	342 15 53.25	46.192	+10.90	- 19.7	4 40 7.22	.....	+56 35 20.2	....
56	*i* Tauri	9	45 59.56	+ 0.94	-10.57	20 9 55.12	46.310	+10.90	+ 22.8	4 45 49.93	.....	+18 40 33.1	....
57	ι Aurigæ	9	50 59.13	+ 0.99	-10.57	5 49 54.80	46.258	+10.90	+ 6.4	4 50 49.55	.....	+33 0 51.0	....
58	λ Eridani	9	4 46.67	+ 0.87	-10.57	47 41 56.85	47.845	+10.90	+1 8.0	5 4 36.97	- 0.92	- 8 52 48.8	+14.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 3 9	......	....	19.8
3 28	30.14	19.9	19.5
3 54	......	....	19.0
4 10	30.135	18.9	18.8
4 34	......	....	18.6
5 1	30.145	18.1	17.9
15 3 9	30.005	21.5	21.2
3 35	......	....	21.0
4 12	......	....	21.2
4 32	29.99	21.0	21.6
5 5	......	....	21.0

Micrometer bisections are made at II, VI, except as noted below.

12, 33.	Bisections at I, II.
15, 20, 25, 36, 38.	Bisections at II, VII.
42.	Bisections at II, III, IV, V, VI.
50, 52.	Bisections at III, IV, V.
53, 55.	Bisections at III, V.

Notes.

46, 56. Unsteady.

49, 52. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
42	+24 39.7	+15 9.8	...	+39 49.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Orionis	9	10 9.04	+ 0.87	**−10.61**	47 9 56.60	42.972	+10.90	+1 6.7	5 9 59.34	.....	− 8 18 55.9	....
2	λ Leporis	8	15 22.64	+ 0.86	−10.58	52 5 54.80	47.298	+10.90	+1 19.5	5 15 12.92	− 0.98	−13 16 45.7	+15.2
3	β Tauri	9	20 27.97	+ 0.98	**−10.62**	10 19 55.45	44.295	+10.90	+ 11.4	5 20 18.37	.....	+28 31 30.2	....
4	δ Orionis	9	27 19.89	+ 0.89	**−10.59**	39 11 55.82	47.515	+10.90	+ 50.6	5 27 10.20	.....	− 0 22 22.8	....
	January 15, Y.												
5	Mercury C, C	9	11 12.71	+ 0.91	−10.56	60 1 55.48	43.638	+11.39	+1 46.2	18 11 3.06	− 0.12	−21 11 49.9	....
	January 16, Y.												
6	Sun N	.	.. ..	....	.....	59 31 57.42	43.842	+11.39	+1 43.1	19 51	.....	−20 41 53.5	....
7	Sun S	.	.. ..	....	.....	60 3 57.15	45.068	+11.39	+1 45.4	.. ..	.....	−21 14 23.3	....
8	Venus I, C	9	50 22.74	+ 0.85	−10.60	47 19 57.75	50.682	+10.81	+1 5.4	22 50 12.99	+ 0.64	− 8 30 16.5	....
9	θ Ceti	9	19 25.98	+ 0.82	**−10.64**	47 31 58.48	42.140	+10.68	+1 5.8	1 19 16.18	.....	− 8 40 37.9	....
10	η Piscium	9	26 33.58	+ 0.88	−10.62	23 59 56.68	44.090	+10.68	+ 26.9	1 26 23.84	.....	+14 51 18.5	....
11	π Piscium	9	32 13.38	+ 0.87	**−10.66**	27 11 57.35	44.028	+10.68	+ 31.1	1 32 3.63	.....	+11 39 15.0	....
12	ν Piscium	9	36 38.87	+ 0.85	**−10.63**	33 49 57.65	46.142	+10.68	+ 40.6	1 36 29.11	.....	+ 5 0 16.9	....
13	ο Piscium	9	40 32.31	+ 0.86	**−10.65**	30 9 56.32	45.448	+10.68	+ 35.2	1 40 22.54	.....	+ 8 40 39.5	....
14	ξ Piscium	9	48 47.89	+ 0.85	**−10.59**	36 7 56.28	44.245	+10.68	+ 44.2	1 48 38.11	.....	+ 2 42 58.0	....
15	α Arietis	9	1 58.94	+ 0.90	**−10.66**	15 49 57.28	45.960	+10.68	+ 17.2	2 1 49.21	.....	+23 0 44.8	....
	January 16, Ei.-Y.												
16	δ Arietis	9	6 22.02	+ 0.89	**−10.67**	19 27 52.98	48.055	+10.68	+ 21.5	3 6 12.26	.....	+19 21 56.9	....
17	B. D.+15°447	9	7 15.81	+ 0.88	−10.65	22 41 51.70	44.030	+10.68	+ 25.4	3 7 6.04	− 0.50	+16 9 26.5	+ 5.7
18	B. D.+11°456	9	11 1.00	+ 0.87	−10.65	27 33 52.68	46.278	+10.68	+ 31.6	3 10 51.22	− 0.47	+11 16 27.8	+ 7.4
19	B. D.+19°507	9	14 35.21	+ 0.89	−10.66	18 55 52.35	43.192	+10.68	+ 20.8	3 14 25.44	− 0.57	+19 55 49.4	+ 4.7
20	τ^1 Arietis	9	15 54.77	+ 0.89	**−10.62**	18 1 52.15	47.520	+10.68	+ 19.8	3 15 45.00	.....	+20 48 11.7	....
21	B. D.+20°556	9	19 7.65	+ 0.89	−10.66	18 23 52.10	43.030	+10.68	+ 20.2	3 18 57.88	− 0.60	+20 27 53.9	+ 4.7
22	ξ Tauri	9	22 11.47	+ 0.86	**−10.64**	29 25 52.10	47.565	+10.68	+ 34.2	3 22 1.67	.....	+ 9 23 56.3	....
23	B. D.+24°503	9	25 47.34	+ 0.91	−10.66	13 55 51.22	43.518	+10.68	+ 15.1	3 25 37.59	− 0.69	+24 55 48.8	+ 3.5
24	B. D.+13°568	9	28 15.27	+ 0.88	−10.66	25 23 50.72	43.518	+10.68	+ 28.8	3 28 5.49	− 0.58	+13 27 35.6	+ 7.2
25	B. D.+14°586	9	32 38.17	+ 0.88	−10.66	23 43 51.38	45.188	+10.68	+ 26.7	3 32 28.39	− 0.61	+15 6 58.9	+ 6.8
26	B. D.+19°578	9	37 0.52	+ 0.89	−10.66	19 27 51.30	43.632	+10.68	+ 21.5	3 36 50.75	− 0.67	+19 23 39.7	+ 5.6
27	B. D.+24°547	9	39 43.49	+ 0.91	−10.66	14 41 52.62	42.728	+10.68	+ 15.9	3 39 33.74	− 0.74	+24 10 4.6	+ 4.3
28	B. D.+23°553	9	43 1.02	+ 0.91	−10.66	14 47 52.12	45.215	+10.68	+ 16.1	3 42 51.27	− 0.75	+24 3 8.1	+ 4.4
29	B. D.+19°600	9	44 36.03	+ 0.89	−10.66	19 33 51.28	46.690	+10.68	+ 21.6	3 44 26.26	− 0.71	+19 16 29.7	+ 5.9
30	B. D.+16°523	9	47 54.44	+ 0.89	−10.66	21 47 50.90	46.500	+10.68	+ 24.3	3 47 44.67	− 0.70	+17 2 31.7	+ 6.7
31	B. D.+18°562	9	51 43.47	+ 0.89	−10.66	20 17 51.40	43.418	+10.68	+ 22.5	3 51 33.70	− 0.73	+18 33 43.5	+ 6.4
32	B. D.+17°666	9	55 30.77	+ 0.89	−10.66	20 55 50.95	44.170	+10.68	+ 23.3	3 55 21.00	− 0.74	+17 55 25.9	+ 6.7
33	B. D.+17°676	9	59 23.79	+ 0.89	−10.66	21 35 51.08	44.568	+10.68	+ 24.1	3 59 14.02	− 0.75	+17 15 15.9	+ 7.0
34	B. D.+20°701	9	1 43.97	+ 0.90	−10.66	17 49 52.20	47.240	+10.68	+ 19.6	4 1 34.21	− 0.80	+21 0 18.2	+ 6.0
35	B. D.+13°648	9	3 53.73	+ 0.88	−10.66	25 41 50.32	45.975	+10.68	+ 29.3	4 3 43.95	− 0.74	+13 8 39.3	+ 8.4
36	Moon I, S	9	5 51.49	+ 0.91	−10.66	23 45 51.52	48.623	+10.68	+ 26.8	4 5 41.74	+66.24	+15 3 40.2	....
37	B. D.+17°703	9	12 42.34	+ 0.89	−10.66	20 49 51.70	44.485	+10.68	+ 23.2	4 12 32.57	− 0.82	+18 1 18.1	+ 7.2
38	B. D.+16°579	9	14 39.02	+ 0.89	−10.66	22 33 51.70	43.928	+10.68	+ 25.3	4 14 29.25	− 0.81	+16 17 28.7	+ 7.8
39	B. D.+25°707	9	16 58.63	+ 0.92	−10.66	13 27 51.20	42.450	+10.68	+ 14.6	4 16 48.89	− 0.91	+25 24 13.3	+ 5.3
40	B. D.+23°684	8	18 26.56	+ 0.92	−10.66	14 45 51.45	46.445	+10.68	+ 16.1	4 18 16.82	− 0.90	+24 4 40.6	+ 5.8
41	B. D.+15°621	9	20 22.46	+ 0.89	−10.66	23 7 51.38	44.365	+10.68	+ 26.0	4 20 12.69	− 0.86	+15 43 18.4	+ 8.1
42	B. D.+16°605	9	23 11.07	+ 0.89	−10.66	22 41 51.15	45.950	+10.68	+ 25.5	4 23 1.30	− 0.84	+16 8 42.6	+ 8.0
43	B. D.+27°662	9	24 35.68	+ 0.93	−10.66	10 55 51.00	45.188	+10.68	+ 11.8	4 24 25.95	− 0.97	+27 55 14.1	+ 5.0
44	B. D.+15°645	9	26 36.71	+ 0.89	−10.66	23 11 50.38	45.905	+10.68	+ 26.1	4 26 26.94	− 0.85	+15 38 44.1	+ 8.3
45	B. D.+22°712	9	29 14.88	+ 0.91	−10.66	16 21 51.60	44.072	+10.68	+ 17.9	4 29 5.13	− 0.92	+22 29 32.9	+ 6.6
46	B. D.+27°673	9	31 25.61	+ 0.93	−10.66	11 7 51.82	43.615	+10.68	+ 12.0	4 31 15.88	− 0.99	+27 43 49.0	+ 5.3
47	B. D.+15°666	9	34 1.04	+ 0.89	−10.66	23 7 51.55	43.458	+10.68	+ 26.0	4 33 51.27	− 0.88	+15 43 38.9	+ 8.5
48	B. D.+20°808	9	37 40.00	+ 0.90	−10.67	18 23 51.25	45.938	+10.68	+ 20.3	4 37 30.23	− 0.93	+20 26 48.2	+ 7.4
49	B. D.+19°777	9	41 12.35	+ 0.89	−10.67	19 31 51.52	44.948	+10.68	+ 21.6	4 41 2.57	− 0.93	+19 19 9.3	+ 7.8
50	B. D.+15°687	9	44 28.67	+ 0.89	−10.67	23 5 51.60	47.352	+10.68	+ 25.9	4 44 18.89	− 0.91	+15 44 10.0	+ 8.8
51	B. D.+20°840	9	49 16.57	+ 0.91	−10.67	17 53 51.28	46.570	+10.68	+ 19.7	4 49 6.81	− 0.97	+20 56 34.4	+ 7.6
52	*k* Tauri	8	52 31.33	+ 0.92	−10.67	13 55 51.12	47.995	+10.68	+ 15.1	4 52 21.58	− 1.02	+24 54 6.5	+ 6.8
53	B. D.+19°839	9	56 27.73	+ 0.91	−10.67	19 1 50.38	44.172	+10.68	+ 21.0	4 56 17.97	− 0.99	+19 49 28.8	+ 8.1
54	B. D.+22°818	9	0 4.34	+ 0.92	−10.67	15 55 51.18	43.790	+10.68	+ 17.4	4 59 54.59	− 1.03	+22 55 40.3	+ 7.5
55	B. D.+24°755	9	2 30.03	+ 0.92	−10.67	14 41 52.00	47.530	+10.68	+ 16.0	5 2 20.28	− 1.05	+24 8 15.4	+ 7.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 5 27	29.90	20.2	20.2
18 11	29.995	24.7	24.9
16 19 52	29.98	29.1	29.0
22 50	29.93	31.5	32.0
1 17	29.89	29.8	31.5
1 44		.	29.8
2 5	29.895	28.4	30.6
3 4	29.895	27.5	29.7
3 30		.	29.8
3 53	29.90	27.7	27.9
4 10	. .	. .	27.7
4 28		.	28.2
4 45	29.90	26.1	28.6

Micrometer bisections are made at II, VI, except as noted below.

5, 8.	Bisections at I, II, VI, VII.
6, 39, 42.	Bisections at I, II.
7, 17.	Bisections at VI, VII.
8.	Z. D. threads C used.
9.	Bisection at II.
10, 18, 20, 23, 45, 50, 53, 55.	Bisections at II, VII.
36.	Bisections at II, III, IV, V, VI.

Notes.

2.	Blurred and unsteady.
16–45.	Unsteady.
21.	Image poor.
32.	Nebulous.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 8.5	.. ....	+0.1	+ 8.6
6	+ 7.7	−16 14.9	...	−16 7.2
7	+ 7.7	+16 14.9	...	+16 22.6
8	+ 7.1	.. ....	+0.3	+ 7.4
36	+22 34.1	+15 21.9	...	+37 56.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+15°759	9	6 24.86	+ 0.90	−10.67	22 55 51.45	43.730	+10.68	+ 25.7	5 6 15.09	− 0.98	+15 55 33.1	+ 9.3
2	B. D.+27°744	9	11 6.10	+ 0.94	−10.67	11 13 50.98	46.912	+10.68	+ 12.1	5 10 56.37	− 1.11	+27 36 34.4	+ 6.8
3	B. D.+25°818	8	14 38.42	+ 0.93	−10.67	13 45 51.12	47.535	+10.68	+ 15.0	5 14 28.68	− 1.09	+25 4 17.2	+ 7.5
4	B. D.+16°765	8	18 19.31	+ 0.90	−10.67	22 13 51.42	46.740	+10.68	+ 24.9	5 18 9.54	− 1.02	+16 36 25.1	+ 9.4
5	β Tauri	9	20 28.03	+ 0.94	**−10.65**	10 19 50.95	44.492	+10.68	+ 11.1	5 20 18.30	.....	+28 31 30.7	....
6	B. D.+15°826	9	22 28.88	+ 0.90	−10.67	23 3 50.88	43.945	+10.68	+ 25.9	5 22 19.11	− 1.03	+15 47 28.6	+ 9.6
7	δ Orionis	9	27 19.97	+ 0.86	**−10.64**	39 11 52.00	47.735	+10.68	+ 49.6	5 27 10.16	.....	− 0 22 22.8	....
8	ζ Tauri	9	32 8.86	+ 0.92	**−10.65**	17 45 50.92	45.660	+10.68	+ 19.5	5 31 59.11	.....	+21 4 55.7	....
9	ζ Orionis	9	36 8.76	+ 0.86	**−10.69**	40 49 51.42	46.040	+10.68	+ 52.5	5 35 58.95	.....	− 1 59 46.4	....
10	Neptune C, C	9	27 10.64	+ 0.93	−10.67	16 33 52.02	46.109	+10.68	+ 18.1	6 27 0.90	.....	+22 16 45.7	....
	January 16, Br.												
11	6 B. Ursæ Minoris	9	14 27.56	+ 6.37	−10.82	310 39 45.90	43.550	+10.54	−1 10.7	12 14 23.11	.....	+88 13 18.5	....
12	74 Ursæ Majoris	9	25 40.86	+ 1.12	−10.82	339 55 48.58	46.285	+10.54	− 22.1	12 25 31.16	+ 0.32	+58 55 25.5	+16.3
13	24 Comæ Berenices	9	30 31.95	+ 0.91	−10.82	19 55 51.35	48.348	+10.54	+ 22.2	12 30 22.04	.....	+18 53 51.3	....
14	330 G. Hydræ	9	39 7.23	+ 0.78	−10.82	66 37 52.15	42.895	+10.54	+2 20.3	12 38 57.19	− 0.57	−27 48 3.1	− 8.4
15	35 Virginis	9	43 11.28	+ 0.87	**−10.83**	34 45 52.12	43.375	+10.54	+ 42.3	12 43 1.33	.....	+ 4 5 24.1	....
16	31 Comæ Berenices	9	47 14.16	+ 0.94	**−10.87**	10 47 51.92	45.092	+10.54	+ 11.7	12 47 4.28	.....	+28 3 15.6	....
17	43 H. Cephei s. P.	9	55 55.39	− 1.49	−10.82	304 37 47.08	45.495	+10.54	−1 27.7	0 55 43.08	.....	+85 45 8.9	....
18	43 Comæ Berenices	9	7 36.16	+ 0.95	**−10.84**	10 29 51.85	44.815	+10.54	+ 11.4	13 7 26.28	.....	+28 21 22.3	....
19	19 Canum Venaticorum	9	11 25.22	+ 1.00	−10.83	357 30	......	.....	. ....	13 11 15.39	+ 0.42	+41 21	....
20	α Ursæ Minoris s. P.	8	25 22.70	− 7.33	−10.83	307 39 46.78	48.085	+10.54	−1 18.5	1 25 4.54	.....	+88 48 16.6	....
21	83 Virginis	9	39 32.21	+ 0.82	−10.83	54 31 52.15	45.162	+10.54	+1 25.6	13 39 22.20	− 0.01	−15 42 0.0	− 6.7
22	η Ursæ Majoris	9	43 56.94	+ 1.05	−10.83	349 3 50.30	46.872	+10.54	− 11.7	13 43 47.16	.....	+49 47 0.0	....
23	7 Boötis	9	48 50.09	+ 0.91	−10.83	20 25 51.28	48.085	+10.54	+ 22.8	13 48 40.17	+ 0.37	+18 23 56.8	+ 4.8
24	τ Virginis	9	56 58.38	+ 0.87	**−10.83**	36 49 52.15	46.292	+10.54	+ 45.8	13 56 48.42	.....	+ 2 0 13.9	....
25	9 H. Boötis	9	4 16.98	+ 1.02	−10.83	354 33 50.20	43.560	+10.54	− 5.7	14 4 7.17	+ 0.82	+44 18 9.8	+11.0
26	κ Virginis	9	7 59.34	+ 0.84	**−10.79**	48 39 53.38	45.425	+10.54	+1 9.4	14 7 49.35	.....	− 9 49 51.3	....
27	ι Boötis	9	12 56.86	+ 1.06	−10.83	347 3 48.98	44.145	+10.54	− 14.0	14 12 47.09	+ 1.06	+51 48 5.9	+12.1
28	φ Virginis	8	23 27.96	+ 0.86	−10.84	40 37 51.32	46.950	+10.54	+ 52.5	14 23 17.98	+ 0.38	− 1 48 7.0	− 3.1
29	Mercury II, C	9	14 0.89	+ 0.76	−10.87	60 9 53.50	46.151	+11.04	+1 44.6	18 13 50.78	− 0.26	−21 20 43.4	....
	January 17, Br.												
30	Sun I, N	9	55 3.13	+ 0.77	−10.88	59 19 52.18	45.235	+11.10	+1 40.3	19 54 53.02	+69.86	−20 30 17.0	....
31	Sun II, S	9	57 22.85	+ 0.77	−10.88	59 51 52.30	46.505	+11.10	+1 42.5	19 57 12.74	−69.86	−21 2 48.2	....
	January 18, M.												
32	Sun I, N	9	59 19.22	+ 0.72	−10.96	59 7 51.78	45.330	+11.33	+1 38.8	19 59 8.98	+69.84	−20 18 17.5	....
33	Sun II, S	9	1 38.91	+ 0.72	−10.96	59 39 51.78	46.768	+11.33	+1 41.0	20 1 28.67	−69.85	−20 50 52.4	....
34	Venus I, C	8	58 42.37	+ 0.71	−10.98	46 21 51.88	43.285	+11.00	+1 1.6	22 58 32.10	+ 0.64	− 7 30 53.3	....
35	π Piscium	9	32 13.80	+ 0.80	**−11.03**	27 11 58.78	43.992	+10.63	+ 30.4	1 32 3.60	.....	+11 39 15.1	....
36	ν Piscium	9	36 39.29	+ 0.77	**−10.98**	33 49 55.92	46.290	+10.63	+ 39.7	1 36 29.06	.....	+ 5 0 16.2	....
37	ο Piscium	9	40 32.67	+ 0.79	**−10.97**	30 9 56.52	45.475	+10.63	+ 34.4	1 40 22.46	.....	+ 8 40 39.5	....
38	ζ Ceti	9	46 56.36	+ 0.70	**−10.98**	49 37 57.42	46.945	+10.63	+1 9.6	1 46 46.06	.....	−10 48 30.1	....
39	β Arietis	9	49 33.68	+ 0.84	**−11.03**	18 29 55.60	46.398	+10.63	+ 19.9	1 49 23.52	.....	+20 20 33.8	....
40	υ Ceti	9	55 41.82	+ 0.64	−11.00	60 21 57.82	45.615	+10.63	+1 43.9	1 55 31.46	.....	−21 32 34.4	....
41	α Arietis	9	1 59.36	+ 0.86	**−11.07**	15 49 55.38	46.070	+10.63	+ 16.8	2 1 49.22	.....	+23 0 44.6	....
42	ξ¹ Ceti	9	8 8.11	+ 0.79	**−11.00**	30 25 56.48	47.332	+10.63	+ 34.8	2 7 57.90	.....	+ 8 23 56.7	....
43	67 Ceti	9	12 24.94	+ 0.72	**−11.01**	45 41 57.75	45.508	+10.63	+1 0.7	2 12 14.66	.....	− 6 51 48.7	....
44	κ Fornacis	8	18 22.02	+ 0.63	−11.01	63 3 56.05	46.765	+10.63	+1 56.3	2 18 11.64	.....	−24 15 11.3	....
	January 18, Ei.-M.												
45	ξ Tauri	9	22 11.92	+ 0.80	**−11.05**	29 25 56.25	47.405	+10.63	+ 33.6	3 22 1.70	.....	+ 9 23 56.5	....
46	f Tauri	9	25 48.33	+ 0.82	**−11.00**	26 13 54.40	46.115	+10.63	+ 29.4	3 25 38.13	.....	+12 36 32.0	....
47	B. D.+24°546	9	39 40.38	+ 0.88	−11.02	14 17 54.45	47.110	+10.63	+ 15.2	3 39 30.24	− 0.72	+24 32 23.1	+ 4.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 5 13	......	....	28.0
5 37	29.895	25.5	28.0
6 29	29.90	25.8	29.2
12 6	29.90	24.9	26.0
12 39	......	....	27.3
13 2	29.91	25.0	....
13 24	......	....	26.5
13 57	......	....	26.0
14 23	[illegible]	23.6	25.7
18 14	29.99	32.7	34.8
17 19 57	29.97	36.6	38.2
18 20 2	29.99	41.0	41.9
22 59	29.96	44.4	44.4
1 28	[illegible]	40.8	41.8
1 53	......	....	41.2
2 18	29.95	39.8	40.8
3 22	29.94	38.1	38.9

Micrometer bisections are made at II, VI, except as noted below.

10, 29, 34.	Bisections at I, II, VI, VII.
11.	Bisections at b_1, b_2, b_5, b_8, b_9.
12, 22, 25, 27.	Bisections at III, V.
14, 26, 30, 32, 47.	Bisections at I, II.
17.	Bisections at III, IV, V.
20.	Bisections at b_2, b_5, b_8.
31, 33.	Bisections at VI, VII.

Notes.

11.	Degrees and minutes of circle reading assumed.
11–28.	Unsteady; at times blurred.
14.	Poor image.
40–42.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 0.1	.. ....	...	+ 0.1
29	+ 8.3	.. ....	+ 0.1	+ 8.4
30	+ 7.7	−16 15.6	...	−16 7.9
31	+ 7.7	+16 15.6	...	+16 23.3
32	+ 7.6	−16 17.4	...	−16 9.8
33	+ 7.7	+16 17.4	...	+16 25.1
34	+ 7.1	.. ....	+ 0.3	+ 7.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+23°522	9	40 52.03	+ 0.88	−11.02	15 11 53.08	45.352	+10.63	+ 16.2	3 40 41.89	− 0.72	+23 39 3.9	+ 4.5
2	B. D.+13°621	9	54 11.91	+ 0.83	−11.03	25 7 54.18	47.135	+10.63	+ 28.0	3 54 1.71	− 0.68	+13 42 10.3	+ 8.0
3	B. D.+25°662	9	56 21.44	+ 0.89	−11.03	13 11 53.65	44.640	+10.63	+ 14.0	3 56 11.30	− 0.81	+25 39 21.8	+ 4.5
4	B. D.+19°658	9	0 15.73	+ 0.85	−11.03	19 9 53.82	43.645	+10.63	+ 20.8	4 0 5.55	− 0.76	+19 41 37.6	+ 6.4
5	B. D.+16°559	9	2 40.89	+ 0.84	−11.03	22 33 53.30	46.525	+10.63	+ 24.8	4 2 30.70	− 0.74	+16 16 28.3	+ 7.5
6	B. D.+15°592	9	5 42.42	+ 0.83	−11.03	23 9 53.38	42.990	+10.63	+ 25.5	4 5 32.22	− 0.75	+15 41 48.3	+ 7.7
7	B. D.+22°657	9	9 2.41	+ 0.87	−11.03	16 37 53.75	46.528	+10.63	+ 17.9	4 8 52.25	− 0.82	+22 12 34.7	+ 6.0
8	B. D.+20°733	9	14 1.07	+ 0.86	−11.03	17 55 53.45	46.305	+10.63	+ 19.4	4 13 50.90	− 0.83	+20 54 38.3	+ 6.4
9	B. D.+14°682	9	15 23.98	+ 0.83	−11.03	23 57 54.10	47.830	+10.63	+ 26.6	4 15 13.78	− 0.78	+14 51 55.9	+ 7.2
10	B. D.+24°654	9	17 56.89	+ 0.88	−11.03	14 39 53.80	45.700	+10.63	+ 15.7	4 17 46.74	− 0.88	+24 10 55.8	+ 5.7
11	B. D.+21°642	9	19 53.39	+ 0.87	−11.03	16 45 54.28	46.780	+10.63	+ 18.0	4 19 43.23	− 0.87	+22 4 28.3	+ 6.4
12	B. D.+14°702	9	23 11.43	+ 0.83	−11.03	24 19 53.60	43.375	+10.63	+ 27.0	4 23 1.23	− 0.81	+14 31 37.8	+ 8.6
13	B. D.+13°690	9	25 27.44	+ 0.82	−11.03	25 19 53.62	45.195	+10.63	+ 28.3	4 25 17.23	− 0.81	+13 30 54.9	+ 8.9
14	B. D.+16°621	9	28 22.89	+ 0.84	−11.03	22 43 54.02	44.470	+10.63	+ 25.0	4 28 12.70	− 0.84	+16 7 14.4	+ 8.3
15	α Tauri	9	30 29.26	+ 0.84	**−11.11**	22 31 53.45	45.238	+10.63	+ 24.8	4 30 29.07	.....	+16 18 57.6	....
16	B. D.+15°661	9	32 54.13	+ 0.84	−11.03	22 59 54.60	46.562	+10.63	+ 25.4	4 32 43.94	− 0.86	+15 50 25.6	+ 8.5
17	τ Tauri	9	36 43.60	+ 0.87	**−11.00**	16 3 53.88	47.130	+10.63	+ 17.3	4 36 33.44	.....	+22 46 21.4	....
18	B. D.+25°731	9	40 32.89	+ 0.89	−11.03	12 59 53.25	43.965	+10.63	+ 13.8	4 40 22.75	− 0.98	+25 51 37.8	+ 6.1
19	B. D.+21°707	9	43 16.34	+ 0.86	−11.03	17 41 53.58	46.070	+10.63	+ 19.1	4 43 6.17	− 0.94	+21 8 44.1	+ 7.4
20	B. D.+26°759	8	47 16.54	+ 0.90	−11.03	12 13 54.48	45.455	+10.63	+ 13.0	4 47 6.41	− 1.02	+26 37 3.4	+ 6.1
21	B. D.+24°709	9	50 39.46	+ 0.88	−11.03	14 23 53.55	47.345	+10.63	+ 15.4	4 50 29.31	− 1.00	+24 26 18.7	+ 6.8
22	B. D.+15°713	9	54 28.29	+ 0.84	−11.03	23 3 52.95	47.035	+10.63	+ 25.5	4 54 18.10	− 0.94	+15 46 16.3	+ 9.1
23	ι Tauri	9	57 36.13	+ 0.86	**−10.98**	17 23 54.55	45.012	+10.63	+ 18.8	4 57 25.96	.....	+21 27 7.3	....
24	B. D.+21°755	9	58 53.04	+ 0.86	−11.03	17 41 55.32	46.462	+10.63	+ 19.1	4 58 42.87	− 0.99	+21 8 33.4	+ 7.9
25	B. D.+18°779	9	2 1.22	+ 0.85	−11.03	20 19 58.88	45.225	+10.63	+ 22.2	5 1 51.04	− 0.98	+18 30 55.0	+ 8.6
26	B. D.+15°752	9	4 26.84	+ 0.83	−11.03	23 21 58.30	46.425	+10.63	+ 25.9	5 4 16.64	− 0.97	+15 28 24.5	+ 9.4
27	B. D.+19°876	9	9 45.19	+ 0.86	−11.03	18 53 54.92	46.028	+10.63	+ 20.5	5 9 35.02	− 1.02	+19 56 42.4	+ 8.5
28	B. D.+21°816	9	13 45.32	+ 0.87	−11.03	16 51 54.28	43.415	+10.63	+ 18.1	5 13 35.16	− 1.05	+21 59 45.1	+ 8.1
29	B. D.+19°902	9	15 31.09	+ 0.85	−11.04	19 7 53.82	45.450	+10.63	+ 20.8	5 15 20.90	− 1.03	+19 42 56.4	+ 8.7
30	B. D.+23°909	8	19 13.38	+ 0.88	−11.04	15 21 54.15	43.188	+10.63	+ 16.5	5 19 3.22	− 1.08	+23 29 52.0	+ 8.0
31	B. D.+21°847	9	22 6.97	+ 0.87	−11.04	16 59 54.75	44.842	+10.63	+ 18.3	5 21 56.80	− 1.07	+21 51 11.8	+ 8.4
32	B. D.+18°862	9	23 56.92	+ 0.85	−11.04	20 33 54.45	44.758	+10.63	+ 22.5	5 23 46.73	− 1.04	+18 17 9.9	+ 9.2
33	B. D.+18°877	9	28 8.81	+ 0.85	−11.04	20 21 54.25	47.315	+10.63	+ 22.2	5 27 58.62	− 1.06	+18 28 11.9	+ 9.3
34	B. D.+26°870 (*mean*)	9	31 24.12	+ 0.90	−11.04	11 59 56.42	43.530	+10.63	+ 12.7	5 31 13.98	− 1.14	+26 51 45.7	+ 7.6
35	B. D.+19°1014	9	35 44.89	+ 0.86	−11.04	18 49 54.62	46.348	+10.63	+ 20.4	5 35 34.71	− 1.09	+20 0 35.4	+ 9.2
36	B. D.+23°1015	9	37 44.64	+ 0.88	−11.04	15 41 53.78	44.380	+10.63	+ 16.8	5 37 34.48	− 1.12	+23 9 24.8	+ 8.6
37	B. D.+22°1031	9	41 42.03	+ 0.87	−11.04	16 21 54.65	44.262	+10.63	+ 17.6	5 41 31.86	− 1.12	+22 29 25.9	+ 8.8
38	B. D.+19°1089	9	44 43.74	+ 0.85	−11.04	19 41 54.10	47.730	+10.63	+ 21.5	5 44 33.55	− 1.10	+19 8 3.3	+ 9.6
39	B. D.+25°1020	9	47 50.37	+ 0.89	−11.04	13 47 54.52	45.688	+10.63	+ 14.7	5 47 40.22	− 1.16	+25 2 56.3	+ 8.5
40	139 Tauri	9	52 17.35	+ 0.89	−11.04	12 53 55.18	47.170	+10.63	+ 13.8	5 52 7.20	− 1.17	+25 56 22.7	+ 8.5
41	B. D.+22°1140	9	56 8.78	+ 0.87	−11.04	16 27 54.60	43.465	+10.63	+ 17.7	5 55 58.61	− 1.15	+22 23 44.0	+ 9.3
42	1 Geminorum	9	58 32.06	+ 0.88	**−11.02**	15 35 54.80	42.910	+10.63	+ 16.7	5 58 21.90	.....	+23 15 57.2	....
43	Moon I, S	9	59 53.30	+ 0.87	−11.04	20 51 54.50	43.129	+10.63	+ 22.8	5 59 43.13	+69.56	+17 59 46.8	....
44	ν Orionis	9	2 20.24	+ 0.83	**−11.05**	24 3 54.45	46.020	+10.63	+ 26.8	6 2 10.03	.....	+14 46 36.7	....
45	η Geminorum	9	9 19.94	+ 0.87	**−10.99**	16 17 55.75	48.265	+10.63	+ 17.6	6 9 9.77	.....	+22 31 53.3	....
46	Neptune C, C	9	26 57.63	+ 0.87	−11.04	16 33 55.25	45.458	+10.63	+ 17.9	6 26 47.46	.....	+22 16 57.6	....
	January 19, Y.												
47	Sun I, S	9	3 35.04	+ 0.72	−11.12	59 27 57.78	45.568	+11.95	+1 38.4	20 3 24.64	+69.64	−20 38 29.2	....
48	Sun II, N	9	5 54.32	+ 0.72	−11.12	58 55 56.50	44.262	+11.95	+1 36.3	20 5 43.92	−69.64	−20 5 55.7	....
49	Venus I, C	9	2 50.18	+ 0.71	−11.15	45 51 56.22	47.625	+10.53	+ 59.3	23 2 39.74	+ 0.65	− 7 0 58.8	....
50	β Eridani	9	3 22.16	+ 0.68	**−11.17**	44 3 57.65	43.100	+10.31	+ 55.8	5 3 11.66	.....	− 5 12 48.0	....
51	β Orionis	9	10 9.74	+ 0.67	**−11.14**	47 10	......	.....	. ....	5 9 59.23	.....	− 8 18	....
52	τ Orionis	9	13 11.02	+ 0.68	**−11.14**	45 47 57.15	43.715	+10.31	+ 59.3	5 13 0.52	.....	− 6 57 5.4	....
53	β Tauri	9	20 28.63	+ 0.85	**−11.17**	10 19 56.30	44.298	+10.31	+ 10.6	5 20 18.30	.....	+28 31 30.7	....
54	δ Orionis	9	27 20.64	+ 0.71	**−11.17**	39 14	......	.....	. ....	5 27 10.16	.....	− 0 22	....
55	κ Orionis	8	43 26.68	+ 0.66	**−11.21**	48 31 57.28	47.070	+10.31	+1 5.4	5 43 16.15	.....	− 9 42 28.3	....
56	α Orionis	9	50 13.27	+ 0.74	**−11.20**	31 27 56.38	44.142	+10.31	+ 35.4	5 50 2.82	.....	+ 7 23 9.5	....
57	1 Geminorum	9	58 32.30	+ 0.82	**−11.20**	15 35 55.50	42.938	+10.31	+ 16.2	5 58 21.93	.....	+23 15 57.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 3 43	......	....	38.2
4 10	29.925	37.6	37.0
4 33	......	....	36.5
4 52	29.90	37.0	36.1
5 19	......	....	35.9
5 43	29.89	36.2	35.5
6 11	......	..	35.0
6 28	29.87	35.6	34.8
19 20 6	29.61	42.4	44.5
23 3	29.545	46.6	47.8
5 2	29.55	44.7	46.8
5 25	......	....	46.8
5 54	29.565	44.3	45.8

Micrometer bisections are made at II, VI, except as noted below.

5, 9, 20, 24, 39.	Bisections at II, VII.
8, 23, 42, 47.	Bisections at I, II.
43.	Bisections at II, III, IV, V, VI.
46.	Bisections at I, II, VI, VII.
48, 49.	Bisections at VI, VII.
49.	Z. D. threads C used.
50.	Bisection at VII.

Notes.

1. Micrometer reading increased 1 rev.
31. Close double, equal magnitudes.
50. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
43	+20 30.1	+15 49.5	...	+36 19.6
46	+ 0.1	.. ....	...	+ 0.1
47	+ 7.7	+16 16.7	...	+16 24.4
48	+ 7.6	−16 16.7	...	−16 9.1
49	+ 7.1	.. ....	+0.3	+ 7.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ν Orionis	9	2 20.42	+ 0.78	**−11.18**	24 3 55.62	46.052	+10.31	+ 25.9	6 2 10.01	.....	+14 46 36.1	....
2	Neptune C, C	9	26 51.24	+ 0.81	−11.20	16 33 56.88	45.171	+10.31	+ 17.3	6 26 40.85	.....	+22 17 3.5	....
	January 19, Ei.-Y.												
3	Moon I, N	9	0 31.33	+ 0.81	−11.22	20 29 55.40	46.005	+10.31	+ 21.9	7 0 20.92	+70.54	+18 20 40.5	....
4	Moon S	.	.. ..	....	.....	21 1 56.68	47.440	+10.31	+ 22.5	.. ..	.....	+17 48 7.6	....
	January 19, Br.												
5	323 G. Hydræ	9	22 2.85	+ 0.55	−11.35	71 5 56.70	46.725	+10.94	+2 50.8	12 21 52.05	− 0.87	−32 18 5.8	− 8.1
6	74 Ursæ Majoris	5	25 41.42	+ 1.18	−11.35	339 55 53.90	46.045	+10.94	− 21.4	12 25 31.25	+ 0.17	+58 55 24.7	+16.4
7	χ Virginis	9	34 31.62	+ 0.70	−11.35	46 17 58.38	46.955	+10.94	+1 1.7	12 34 20.97	− 0.41	− 7 28 23.7	− 0.5
8	Groombridge 1922	9	40 50.38	+ 1.02	−11.35	352 53 53.65	45.675	+10.94	− 7.3	12 40 40.05	+ 0.14	+45 57 19.2	+14.3
9	p Centauri	9	45 43.32	+ 0.54	−11.35	72 17 57.68	42.602	+10.94	+3 3.1	12 45 32.51	− 0.73	−33 28 44.9	− 9.7
10	δ Virginis	9	50 59.95	+ 0.75	**−11.41**	34 55 56.68	44.928	+10.94	+ 41.2	12 50 49.34	.....	+ 3 54 44.8	....
11	ε Virginis	9	57 37.58	+ 0.78	**−11.37**	27 21 55.88	47.198	+10.94	+ 30.6	12 57 27.00	.....	+11 28 4.3	....
12	14 Canum Venaticorum	9	1 28.31	+ 0.93	−11.36	2 31 55.00	48.075	+10.94	+ 2.7	13 1 17.88	+ 0.18	+36 18 12.9	+11.8
13	σ Virginis	9	12 59.14	+ 0.76	−11.36	32 51 56.65	46.630	+10.94	+ 38.2	13 12 48.54	− 0.05	+ 5 58 8.9	+ 2.6
14	α Virginis	9	20 22.13	+ 0.68	**−11.37**	49 29 56.75	45.450	+10.94	+1 9.1	13 20 11.45	.....	−10 39 55.1	....
15	350 G. Hydræ	9	27 29.42	+ 0.57	−11.36	67 1 55.78	42.868	+10.94	+2 18.6	13 27 18.63	− 0.34	−28 12 4.6	− 9.9
16	m Virginis	9	36 48.20	+ 0.69	**−11.36**	47 3 56.80	44.345	+10.94	+1 3.5	13 36 37.53	.....	− 8 13 24.3	....
17	i Centauri	8	40 28.34	+ 0.54	−11.36	71 21 55.58	45.408	+10.94	+2 54.0	13 40 17.52	− 0.30	−32 33 37.8	−11.9
18	i Draconis	9	48 48.46	+ 1.31	−11.36	333 39 52.68	46.790	+10.94	− 29.1	13 48 38.41	+ 1.21	+65 11 16.4	+15.1
19	τ Virginis	9	56 59.13	+ 0.74	**−11.36**	36 49 56.58	46.198	+10.94	+ 44.3	13 56 48.51	.....	+ 2 0 12.8	....
20	94 Virginis	9	1 26.48	+ 0.69	−11.36	47 15 56.85	46.588	+10.94	+1 3.9	14 1 15.81	.....	− 8 26 16.0	....
21	d Boötis	9	6 14.09	+ 0.86	**−11.35**	13 17 55.68	47.210	+10.94	+ 14.0	14 6 3.58	.....	+25 32 20.7	....
22	ι Virginis	9	11 12.43	+ 0.70	**−11.40**	44 23 57.60	43.058	+10.94	+ 57.8	14 11 1.76	.....	− 5 32 50.0	....
23	3 G. Libræ	9	19 33.97	+ 0.60	−11.37	63 11 55.25	44.658	+10.94	+1 56.6	14 19 23.20	+ 0.08	−24 22 23.0	−10.3
24	g Boötis	9	25 28.96	+ 1.06	−11.37	348 35 54.32	44.140	+10.94	− 11.8	14 25 18.65	+ 0.98	+50 15 58.1	+11.9
25	σ Boötis	9	30 42.52	+ 0.89	−11.37	8 41 55.02	44.950	+10.94	+ 9.1	14 30 32.04	+ 0.64	+30 9 18.0	+ 7.3
26	118 H^1. Cassiopeiæ s. p.	8	36 51.52	+ 0.02	−11.37	286 19 51.90	45.672	+10.94	−3 18.0	2 36 40.17	− 1.58	+67 25 28.2	−10.4
27	Mercury II, C	9	24 24.02	+ 0.61	−11.39	60 35 57.22	43.709	+11.46	+1 44.1	18 24 13.24	− 0.25	−21 45 51.2	....
	January 20, Br.												
28	Sun I, S	9	7 50.07	+ 0.62	−11.40	59 15 56.48	43.638	+11.74	+1 38.0	20 7 39.29	+69.55	−20 25 43.1	....
29	Sun II, N	8	10 9.17	+ 0.62	−11.40	58 43 56.10	42.292	+11.74	+1 36.0	20 9 58.39	−69.55	−19 53 9.8	....
30	158 H^1. Cephei	9	31 48.89	+ 4.48	−11.46	313 43 51.95	43.510	+11.26	−1 1.8	5 31 41.91	.....	+85 9 4.3	....
31	o Aurigæ	9	38 44.56	+ 1.07	−11.46	349 3 55.60	46.505	+11.26	− 11.4	5 38 34.17	.....	+49 47 2.1	....
32	ψ^1 Draconis s. p.	9	43 45.66	− 0.35	−11.46	291 5 50.02	44.302	+11.26	−2 32.3	17 43 33.85	.....	+72 11 41.0	....
33	α Orionis	9	50 13.54	+ 0.73	**−11.46**	31 27 56.48	44.042	+11.26	+ 36.4	5 50 2.81	.....	+ 7 23 9.7	....
34	35 Draconis s. p.	9	53 49.09	− 0.75	−11.46	295 51 50.38	45.110	+11.26	−2 1.6	17 53 36.88	.....	+76 58 30.4	....
35	δ Ursæ Minoris s. p.	9	2 51.28	− 4.80	−11.46	305 29 51.00	44.250	+11.26	−1 23.0	18 2 35.02	.....	+86 36 49.7	....
36	η Geminorum	9	9 20.45	+ 0.82	**−11.45**	16 19 57.05	42.912	+11.26	+ 17.5	6 9 9.81	.....	+22 31 53.3	....
37	β Canis Majoris	9	18 43.07	+ 0.59	**−11.46**	56 43 55.20	46.850	+11.26	+1 30.7	6 18 32.20	.....	−17 54 47.4	....
38	Neptune C, C	9	26 44.92	+ 0.82	−11.46	16 33 55.98	44.906	+11.26	+ 17.8	6 26 34.28	.....	+22 17 9.0	....
39	51 Aurigæ	9	32 16.63	+ 0.96	−11.46	359 21 54.80	47.852	+11.26	− 0.6	6 32 6.13	.....	+39 28 21.3	....
40	S Monocerotis	9	35 56.70	+ 0.74	**−11.48**	28 51 56.98	45.102	+11.26	+ 32.9	6 35 45.97	.....	+ 9 58 48.4	....
41	ψ^5 Aurigæ	9	40 5.68	+ 1.00	−11.47	355 11 53.10	43.220	+11.26	− 4.9	6 39 55.21	.....	+43 40 13.1	....
42	15 Lyncis	9	49 15.68	+ 1.21	−11.47	340 17 53.65	47.772	+11.26	− 21.2	6 49 5.42	.....	+58 32 44.8	....
43	51 H. Cephei	5	56 40.40	+ 7.33	−11.47	311 39 59.85	46.533	+11.26	−1 6.6	6 56 36.26	.....	+87 11 52.1	....
44	22 Monocerotis	9	7 12.78	+ 0.69	−11.47	39 9 56.98	47.448	+11.26	+ 48.6	7 7 2.00	.....	− 0 20 20.8	....
45	λ Geminorum	9	12 49.98	+ 0.78	**−11.47**	22 7 56.15	46.278	+11.26	+ 24.3	7 12 39.29	.....	+16 42 31.0	....
46	Moon I, S	9	2 16.27	+ 0.80	−11.48	22 29 53.15	45.130	+12.35	+ 24.8	8 2 5.59	+70.76	+16 20 56.5	....
47	Moon II	9	4 37.76	+ 0.80	−11.48	... .	......	.....	. ....	8 4 27.08	−70.73	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 6 30	......	....	44.2
7 5	29.575	42.3	42.1
12 17	29.59	38.0	38.1
12 51	......	....	37.1
13 6	29.60	36.9	37.1
13 27	......	....	36.8
13 49	......	....	36.6
14 11	......	....	37.0
14 31	......	....	36.8
14 37	29.635	36.0	36.9
18 24	29.74	41.0	41.2
20 20 10	29.72	43.2	43.8
5 25	29.79	36.9	36.8
6 6	......	....	35.9
6 14	29.79	35.6	....
6 27	......	....	35.2
7 13	29.79	34.7	35.1
8 0	29.79	34.7	34.7

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at II, VII.
2, 27, 38.	Bisections at I, II, VI, VII.
3.	Bisections at I, II, III.
4, 29.	Bisections at VI, VII.
6.	Bisections at V, VI.
8, 18, 24, 31, 32, 34, 39, 41, 42.	Bisections at III, V.
26, 30.	Bisections at III, IV, V.
28, 46.	Bisections at I, II.
35.	Bisections at IV, V.
43.	Bisections at b_5, b_7, b_9.

Notes.

4.	Clouds.
31.	Circle reading decreased 40′.
34, 39.	Revolutions of micrometer reading assumed.
46.	Two microscopes used.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
2	+ 0.1	.. ....	...	+ 0.1
3	+20 27.1	−16 1.3	+1.0	+ 4 26.8
4	+20 58.4	+16 1.3	...	+36 59.7
27	+ 7.8	.. ....	0.0	+ 7.8
28	+ 7.7	+16 16.6	...	+16 24.3
29	+ 7.6	−16 16.6	...	−16 9.0
38	+ 0.1	.. ....	...	+ 0.1
46	+22 36.8	+16 13.8	...	+38 50.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	January 21, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	12 4.03	+ 0.61	−11.46	59 1 57.08	45.818	+11.77	+1 38.3	20 11 53.18	+69.44	−20 12 33.9	....
2	Sun II, N.	9	14 22.92	+ 0.61	−11.46	58 29 58.52	44.458	+11.77	+1 36.2	20 14 12.07	−69.45	−19 40 2.0	....
3	ξ² Ceti	9	23 17.35	+ 0.71	**−11.53**	30 47 55.20	47.400	+11.00	+ 35.4	2 23 6.55	.....	+ 8 1 55.5	....
4	ν Ceti	9	31 4.25	+ 0.70	**−11.55**	33 39 56.65	45.505	+11.00	+ 39.5	2 30 53.44	.....	+ 5 10 33.3	....
5	δ Ceti	9	34 47.72	+ 0.67	**−11.50**	38 55 54.82	44.200	+11.00	+ 47.9	2 34 36.88	.....	− 0 5 3.5	....
6	γ Ceti	9	38 33.69	+ 0.69	**−11.57**	35 59 55.80	46.958	+11.00	+ 43.2	2 38 22.86	.....	+ 2 49 57.2	....
7	41 Arietis	9	44 34.49	+ 0.81	**−11.50**	11 57 56.15	47.925	+11.00	+ 12.7	2 44 23.78	.....	+26 52 5.2	....
8	η Eridani	9	51 58.19	+ 0.63	**−11.48**	48 5 57.52	47.962	+11.00	+1 6.2	2 51 47.30	.....	− 9 16 50.4	....
9	α Ceti	9	57 29.87	+ 0.69	**−11.52**	35 7 55.88	44.670	+11.00	+ 41.8	2 57 19.04	.....	+ 3 42 50.8	....
10	ζ Eridani	9	11 24.28	+ 0.63	−11.52	47 59 56.82	47.450	+11.00	+1 6.0	3 11 13.39	− 0.28	− 9 10 37.8	+14.3
11	κ Ceti	9	14 33.87	+ 0.69	−11.52	35 49 55.22	43.915	+11.00	+ 42.9	3 14 23.04	− 0.37	+ 3 1 7.6	+10.4
12	ο Tauri	9	19 53.22	+ 0.71	**−11.50**	30 7 56.22	48.470	+11.00	+ 34.6	3 19 42.41	.....	+ 8 41 30.8	....
13	σ Persei	9	24 3.92	+ 0.97	−11.52	351 11 52.70	43.790	+11.00	− 9.1	3 23 53.37	− 1.03	+47 40 5.0	− 3.5
14	δ Persei	9	36 20.98	+ 0.97	−11.52	351 21 53.40	46.382	+11.00	− 8.9	3 36 10.43	.....	+47 29 4.7	....
15	η Tauri	9	42 1.53	+ 0.79	**−11.49**	15 1 55.98	46.438	+11.00	+ 16.0	3 41 50.80	.....	+23 48 36.1	....
16	ε Persei	9	51 40.16	+ 0.90	−11.52	359 5 54.30	48.550	+11.00	− 0.8	3 51 29.54	.....	+39 44 6.2	....
17	c Persei	9	1 57.50	+ 0.97	−11.53	351 23 55.15	45.060	+11.00	− 8.9	4 1 46.94	.....	+47 27 33.4	....
	January 21, Br.												
18	Moon II, S.	9	6 16.38	+ 0.79	−11.67	25 9 57.45	44.384	+11.02	+ 28.0	9 6 5.50	−70.43	+13 41 9.4	....
19	ο Leonis	9	36 16.87	+ 0.76	**−11.65**	28 31 58.00	43.855	+11.02	+ 32.4	9 36 5.96	.....	+10 19 16.7	....
20	ε Leonis	9	40 39.52	+ 0.83	**−11.68**	14 37 57.92	46.708	+11.02	+ 15.6	9 40 28.68	.....	+24 12 28.3	....
21	109 B. Ursæ Majoris	9	50 6.91	+ 1.65	−11.67	325 31 53.22	46.300	+11.02	− 40.8	9 49 56.89	.....	+73 19 38.7	....
22	π Leonis	9	55 23.66	+ 0.75	**−11.74**	30 19 57.65	47.625	+11.02	+ 35.0	9 55 12.74	.....	+ 8 29 48.3	....
23	193 G. Hydræ	9	0 10.21	+ 0.58	−11.68	62 37 57.40	47.902	+11.02	+1 55.1	9 59 59.11	− 1.40	−23 49 37.8	+ 3.9
24	λ Hydræ	9	6 9.59	+ 0.64	**−11.62**	50 43 56.85	43.358	+11.02	+1 13.0	10 5 58.55	.....	−11 53 11.4	....
25	ζ Leonis	9	11 36.28	+ 0.83	**−11.68**	14 57 57.60	44.782	+11.02	+ 16.0	10 11 25.43	.....	+23 53 12.3	....
26	42 Leonis	9	16 55.67	+ 0.78	−11.68	23 23 56.72	44.695	+11.02	+ 25.9	10 16 44.77	− 0.89	+15 27 5.2	+10.6
27	μ Hydræ	9	21 42.01	+ 0.62	**−11.68**	55 11 57.32	42.725	+11.02	+1 25.7	10 21 30.95	.....	−16 21 10.1	....
28	37 Ursæ Majoris	9	29 14.56	+ 1.15	−11.68	341 17 55.22	44.245	+11.02	− 20.1	10 29 4.03	− 1.08	+57 34 3.0	+15.7
29	35 H. Ursæ Majoris	9	36 28.29	+ 1.46	−11.68	329 17 53.75	44.820	+11.02	− 35.3	10 36 18.07	− 1.30	+69 34 6.5	+16.2
30	l Leonis	9	44 27.66	+ 0.76	**−11.69**	27 47 57.55	45.470	+11.02	+ 31.5	10 44 16.74	.....	+11 2 41.1	....
31	47 Ursæ Majoris	9	54 20.41	+ 0.95	−11.68	357 53 55.88	48.818	+11.02	− 2.1	10 54 9.68	− 0.67	+40 55 59.9	+14.4
32	χ Leonis	9	0 18.79	+ 0.74	**−11.70**	30 59 57.10	44.985	+11.02	+ 35.9	11 0 7.85	.....	+ 7 50 48.3	....
33	π Cephei s. p.	9	5 3.13	− 0.38	−11.68	293 45 50.90	46.085	+11.02	−2 14.3	23 4 51.07	.....	+74 52 40.3	....
34	237 B. Ursæ Majoris	9	11 32.18	+ 1.04	−11.68	348 51 55.60	45.545	+11.02	− 11.7	11 11 21.54	− 0.57	+49 59 24.5	+15.6
35	σ Leonis	9	16 25.98	+ 0.74	**−11.68**	32 17 57.92	44.768	+11.02	+ 37.8	11 16 15.03	.....	+ 6 32 50.5	....
36	39 H. Cephei s. p.	9	27 59.67	− 4.41	−11.69	305 39 51.92	45.453	+11.02	−1 22.8	23 27 43.57	.....	+86 47 18.0	....
37	ν Virginis	9	41 10.19	+ 0.74	−11.69	31 45 57.28	48.188	+11.02	+ 37.1	11 40 59.24	− 0.59	+ 7 3 33.7	+ 6.5
38	β Virginis	9	45 56.41	+ 0.72	**−11.67**	36 31 57.50	46.975	+11.02	+ 44.4	11 45 45.44	.....	+ 2 17 53.9	....
	January 22, Y.												
39	Moon II, S.	9	6 51.81	+ 0.81	−11.80	28 49 57.32	46.364	+11.36	+ 33.6	10 6 40.82	−69.65	+10 0 18.4	....
40	39 H. Cephei s. p.	9	27 59.11	− 4.63	−11.81	305 39 52.12	45.495	+11.36	−1 24.8	23 27 42.67	.....	+86 47 17.9	....
41	ν Virginis	9	41 10.30	+ 0.78	−11.81	31 45 56.45	48.160	+11.36	+ 38.0	11 40 59.27	− 0.62	+ 7 3 33.9	+ 6.6
42	β Virginis	9	45 56.56	+ 0.75	**−11.83**	36 31 55.35	47.020	+11.36	+ 45.4	11 45 45.50	.....	+ 2 17 53.7	....
43	ο Leonis	9	50 58.97	+ 0.82	−11.81	22 39 55.48	46.648	+11.36	+ 25.6	11 50 47.98	− 0.49	+16 10 21.8	+ 8.8
44	π Virginis	9	56 11.94	+ 0.78	**−11.87**	31 41 57.28	45.618	+11.36	+ 37.9	11 56 0.91	.....	+ 7 8 31.3	....
45	14 H¹. Draconis	8	0 36.22	+ 2.02	−11.81	321 25 51.42	46.010	+11.36	− 48.6	12 0 26.43	− 0.32	+77 25 54.7	+17.3
46	6 B. Ursæ Minoris	9	14 27.78	+ 9.97	−11.81	310 39 49.75	43.381	+11.36	−1 11.0	12 14 25.94	.....	+88 13 18.6	....
47	74 Ursæ Majoris	7	25 42.07	+ 1.19	−11.82	339 55 52.05	46.160	+11.36	− 22.3	12 25 31.44	+ 0.01	+58 55 24.2	+16.4
48	24 Comæ Berenices	9	30 33.16	+ 0.83	−11.82	19 55 55.75	48.175	+11.36	+ 22.3	12 30 22.17	.....	+18 53 49.9	....
49	9 Canum Venaticorum	9	34 23.04	+ 0.98	−11.82	357 28	......	......	.....	12 34 12.20	− 0.06	+41 23	....
50	330 G. Hydræ	9	39 8.55	+ 0.59	−11.82	66 37 56.58	42.730	+11.36	+2 21.2	12 38 57.32	− 0.76	−27 48 5.1	− 6.8
51	31 Comæ Berenices	9	47 15.39	+ 0.88	**−11.84**	10 47 55.35	44.945	+11.36	+ 11.7	12 47 4.45	.....	+28 3 14.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 20 14	29.825	40.0	40.1
2 20	29.80	38.8	38.0
2 57	29.80	37.6	37.0
3 27	......	....	36.6
4 2	29.80	36.7	36.4
9 7	29.76	35.0	34.8
9 36	......	....	34.4
10 10	29.76	34.9	34.1
10 44	29.75	34.1	33.9
11 20	......	....	33.1
11 46	29.75	33.8	32.9
22 10 8	30.00	28.9	27.7
11 20	30.015	27.1	28.5
11 54	......	....	28.2
12 23	30.015	27.2	26.1
12 50	......	....	25.8

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at I, II.
2, 13.	Bisections at VI, VII.
18, 39.	Bisections at II, III, IV, V, VI.
21, 28, 29, 31, 33, 34.	Bisections at III, V.
36.	Bisections at III, IV, V.
40, 46.	Bisections at b_3, b_4, b_5, b_6, b_7.
45.	Bisections at IV, V.
47.	Bisections at III, IV.
50.	Bisections at II, VII.

Notes.

8–11, 18–38.	Clouds.
23, 27, 28, 34, 36, 37.	Faint.
35, 50.	Unsteady.
47.	Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 7.6	+16 15.9	...	+16 23.5
2	+ 7.6	−16 16.0	...	−16 8.4
18	+25 20.5	+16 21.6	...	+41 42.1
39	+28 53.0	+16 25.4	...	+45 18.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ε Virginis	9	57 38.09	+ 0.79	**−11.80**	27 21 56.28	47.128	+11.36	+ 31.8	12 57 27.06	.....	+11 28 3.9	....
2	44 H. Cephei s. p.	9	4 15.73	− 0.72	−11.82	298 1 50.18	49.692	+11.36	−1 54.1	1 4 3.19	− 1.11	+79 10 22.5	−15.2
3	19 Canum Venaticorum	6	11 26.44	+ 0.97	−11.82	357 29 54.98	45.820	+11.36	− 2.6	13 11 15.59	+ 0.19	+41 21 9.5	+13.0
4	23 Canum Venaticorum	9	16 14.23	+ 0.96	−11.82	358 11 54.72	46.958	+11.36	− 1.8	13 16 3.37	+ 0.21	+40 38 42.8	+12.7
5	α Virginis	9	20 22.57	+ 0.69	**−11.73**	49 29 57.50	45.332	+11.36	+1 11.8	13 20 11.44	.....	−10 39 56.0	....
6	ζ Virginis	9	30 2.32	+ 0.74	**−11.84**	38 57 55.90	43.000	+11.36	+ 49.6	13 29 51.24	.....	− 0 6 39.2	....
7	13 B. Ursæ Minoris	9	35 3.23	+ 1.51	−11.82	327 7 51.28	47.400	+11.36	− 39.5	13 34 52.92	+ 1.20	+71 43 14.0	+16.2
8	83 Virginis	9	39 33.54	+ 0.67	−11.83	54 31 55.82	45.042	+11.36	+1 26.1	13 39 22.38	− 0.20	−15 42 2.2	− 5.3
9	89 Virginis	9	44 53.82	+ 0.66	**11.82**	56 29 54.88	43.670	+11.36	+1 32.6	13 44 42.65	.....	−17 39 36.4	....
	January 23, Y.												
10	Sun I, N	9	20 29.85	+ 0.70	−11.87	58 1 57.90	46.020	+11.87	+1 37.8	20 20 18.68	+69.26	−19 12 38.9	....
11	Sun II, S	8	22 48.38	+ 0.70	−11.87	58 33 56.35	47.480	+11.87	+1 39.9	20 22 37.21	−69.27	−19 45 12.7	....
12	Venus I, C	9	19 7.24	+ 0.74	−11.89	43 51 57.60	45.262	+10.75	+ 58.2	23 18 56.09	+ 0.66	− 5 0 5.2	....
	January 27, Ei.-Y.												
13	B. D.+15°565	9	55 35.13	+ 0.99	−12.68	23 37 53.85	46.772	+12.20	+ 26.6	3 55 23.44	− 0.59	+15 12 19.0	+ 7.8
14	A Tauri	9	59 16.94	+ 1.00	**−12.63**	17 1 54.08	44.690	+12.20	+ 18.6	3 59 5.26	.....	+21 49 14.1	....
15	B. D.+22°637 (*south*)	4	3 26.53	+ 1.00	−12.68	15 59 54.12	46.430	+12.20	+ 17.4	4 3 14.85	− 0.69	+22 50 35.2	+ 5.6
16	B. D.+22°637 (*north*)	5	3 26.57	+ 1.00	−12.68	15 59 54.12	46.210	+12.20	+ 17.4	4 3 14.89	− 0.69	+22 50 40.8	+ 5.6
17	B. D.+22°649	9	7 25.49	+ 1.00	−12.68	16 41 52.85	42.635	+12.20	+ 18.2	4 7 13.81	− 0.70	+22 10 2.7	+ 5.9
18	γ Tauri	9	14 35.56	+ 0.99	**−12.70**	23 25 52.88	48.265	+12.20	+ 26.3	4 14 23.87	.....	+15 23 45.9	....
19	δ Tauri	9	17 39.72	+ 0.99	**−12.70**	21 31 52.60	44.975	+12.20	+ 24.0	4 17 28.03	.....	+17 19 3.7	....
20	68 Tauri	9	20 11.97	+ 0.99	−12.68	21 7 53.75	46.392	+12.20	+ 23.5	4 20 0.28	− 0.72	+17 42 30.6	+ 7.7
21	B. D.+15°632	9	23 26.63	+ 0.99	−12.68	23 11 52.28	43.790	+12.20	+ 26.0	4 23 14.94	− 0.72	+15 39 29.1	+ 8.4
22	B. D.+14°711	9	25 56.01	+ 0.99	−12.68	23 55 53.40	47.925	+12.20	+ 27.0	4 25 44.32	− 0.73	+14 53 52.5	+ 8.7
23	B. D.+19°742	9	30 20.85	+ 0.99	−12.68	19 9 52.45	45.240	+12.20	+ 21.1	4 30 9.16	− 0.78	+19 41 0.7	+ 7.4
24	B. D.+20°785	9	32 52.04	+ 1.00	−12.68	18 21 52.90	43.955	+12.20	+ 20.2	4 32 40.36	− 0.80	+20 29 30.5	+ 7.2
25	B. D.+21°686	9	36 33.46	+ 1.00	−12.68	17 31 53.02	44.195	+12.20	+ 19.2	4 36 21.78	− 0.83	+21 19 25.9	+ 7.1
26	B. D.+23°739	9	40 10.81	+ 1.00	−12.68	15 23 53.12	45.210	+12.20	+ 16.8	4 39 59.13	− 0.86	+23 27 5.0	+ 6.6
27	B. D.+24°689	9	43 0.87	+ 1.00	−12.68	14 15 53.12	47.090	+12.20	+ 15.5	4 42 49.19	− 0.88	+24 34 23.3	+ 6.3
28	π^3 Orionis	9	44 53.47	+ 0.98	**−12.73**	32 1 53.00	48.368	+12.20	+ 38.0	4 44 41.77	.....	+ 6 47 31.8	....
29	B. D.+27°701	9	47 3.61	+ 1.01	−12.68	11 7 53.90	42.438	+12.20	+ 12.0	4 46 51.94	− 0.94	+27 44 12.3	+ 5.5
30	B. D.+22°776	9	50 36.67	+ 1.00	−12.68	16 25 53.80	44.288	+12.20	+ 17.9	4 50 24.99	− 0.89	+22 25 23.9	+ 7.2
31	B. D.+27°716	9	54 11.38	+ 1.01	−12.68	11 39 53.35	46.108	+12.20	+ 12.6	4 53 59.71	− 0.96	+27 10 48.4	+ 5.9
32	ι Tauri	9	57 37.57	+ 1.00	**−12.64**	17 23 52.92	44.995	+12.20	+ 19.1	4 57 25.89	.....	+21 27 7.5	....
33	B. D.+27°723	9	58 54.14	+ 1.01	−12.68	11 17 54.15	43.742	+12.20	+ 12.2	4 58 42.47	− 0.98	+27 33 42.1	+ 6.0
34	B. D.+16°697	9	1 44.67	+ 0.99	−12.68	22 7 53.52	47.898	+12.20	+ 24.7	5 1 32.98	− 0.89	+16 41 55.3	+ 9.1
35	B. D.+27°732	9	3 59.83	+ 1.01	−12.69	10 55 53.58	46.995	+12.20	+ 11.8	5 3 48.15	− 1.00	+27 54 28.7	+ 6.1
36	B. D.+21°796	9	8 38.32	+ 1.00	−12.69	17 43 53.08	46.460	+12.20	+ 19.5	5 8 26.63	− 0.95	+21 6 33.8	+ 8.1
37	B. D.+21°813	9	13 2.71	+ 1.00	−12.69	17 9 54.32	44.522	+12.20	+ 18.8	5 12 51.02	− 0.97	+21 41 17.5	+ 8.0
38	B. D.+29°869	9	15 22.84	+ 1.02	−12.69	9 21 52.02	47.582	+12.20	+ 10.1	5 15 11.17	− 1.06	+29 28 18.5	+ 6.0
39	B. D.+31°955	9	18 43.96	+ 1.02	−12.69	7 47 53.42	45.320	+12.20	+ 8.4	5 18 32.29	− 1.09	+31 3 10.5	+ 5.8
40	B. D.+17°928	9	21 50.26	+ 0.99	−12.69	20 57 53.35	45.960	+12.20	+ 23.3	5 21 38.56	− 0.97	+17 52 41.1	+ 9.3
41	B. D.+25°839 (*north*)	9	23 38.37	+ 1.00	−12.69	13 45 52.75	47.380	+12.20	+ 14.9	5 23 26.68	− 1.04	+25 4 17.6	+ 7.4
42	B. D.+16°794 (*pr.*)	9	26 56.42	+ 0.99	−12.69	21 51 52.58	44.822	+12.20	+ 24.4	5 26 44.72	− 0.98	+16 59 6.8	+ 9.6
43	B. D.+25°879	9	30 49.66	+ 1.01	−12.69	12 57 53.30	46.698	+12.20	+ 14.0	5 30 37.98	− 1.07	+25 52 33.6	+ 7.5
44	B. D.+25°902	9	34 3.72	+ 1.01	−12.69	12 59 53.02	46.855	+12.20	+ 14.1	5 33 52.04	− 1.08	+25 50 30.2	+ 7.6
45	B. D.+18°923	9	37 31.06	+ 0.99	−12.69	19 55 52.45	42.845	+12.20	+ 22.0	5 37 19.36	− 1.03	+18 55 54.5	+ 9.4
46	B. D.+15°926	9	41 30.43	+ 0.99	−12.69	23 3 52.32	45.175	+12.20	+ 25.9	5 41 18.73	− 1.02	+15 46 57.5	+10.2
47	B. D.+29°1009	9	43 25.91	+ 1.02	−12.69	9 9 52.85	44.275	+12.20	+ 9.8	5 43 14.24	− 1.15	+29 41 33.6	+ 7.0
48	B. D.+22°1080	9	47 48.94	+ 1.00	−12.69	16 47 53.22	45.480	+12.20	+ 18.4	5 47 37.25	− 1.08	+22 2 57.1	+ 8.9
49	α Orionis	9	50 14.48	+ 0.98	**−12.69**	31 27 53.00	44.125	+12.20	+ 37.1	5 50 2.77	.....	+ 7 23 9.3	....
50	B. D.+24°1033	9	51 19.83	+ 1.00	−12.69	14 37 53.65	42.855	+12.20	+ 15.9	5 51 8.14	− 1.11	+24 13 59.1	+ 8.5
51	B. D.+27°945	9	55 15.04	+ 1.01	−12.69	11 17 53.52	43.250	+12.20	+ 12.2	5 55 3.36	− 1.15	+27 33 53.9	+ 7.9
52	B. D.+25°1100	9	58 32.57	+ 1.00	−12.69	13 23 54.80	46.175	+12.20	+ 14.5	5 58 20.88	− 1.14	+25 26 43.2	+ 8.4
53	B. D.+24°1086	8	59 32.78	+ 1.00	−12.69	14 29 55.75	45.808	+12.20	+ 15.7	5 59 21.09	− 1.13	+24 20 49.8	+ 8.7
54	B. D.+16°1000	9	1 40.20	+ 0.99	−12.69	22 39 54.62	44.850	+12.20	+ 25.4	6 1 28.50	− 1.08	+16 11 3.1	+10.5
55	B. D.+28°1036	7	5 25.85	+ 1.01	−12.69	9 55 55.10	44.440	+12.20	+ 10.7	6 5 14.17	− 1.19	+28 55 26.7	+ 7.9
56	B. D.+22°1220	9	6 46.40	+ 1.00	−12.69	15 55 55.02	43.625	+12.20	+ 17.4	6 6 34.71	− 1.14	+22 55 38.7	+ 9.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 13 10	30.015	26.3	25.4
13 28	....	....	25.3
13 48	30.015	25.9	25.0
23 20 23	30.04	28.0	27.7
23 19	29.985	32.1	30.4
27 3 53	29.79	27.6	27.7
4 22	....	....	27.0
4 48	29.78	26.8	26.8
5 15	....	....	26.8
5 39	29.77	27.0	27.0
6 9	29.77	25.1	27.0

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at III, V.
3, 5, 13, 16.	Bisections at VI, VII.
7.	Bisections at IV, V.
10, 15, 30, 32, 49, 52.	Bisections at I, II.
11.	Bisection at VII.
12.	Z. D. threads C used.
12.	Bisections at I, II, VI, VII.
28, 33, 36, 42, 47.	Bisections at II, VII.

Notes.

12. Circle reading increased 2′.
22, 51. Image poor.
25–56. Conditions rather poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 7.6	−16 16.9	...	−16 9.3
11	+ 7.6	+16 16.9	...	+16 24.5
12	+ 7.0	.. ....	+0.4	+ 7.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	January 28, M.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N	9	41 20.81	+ 0.93	−12.81	56 47 57.05	44.685	+12.51	+1 30.7	20 41 8.93	+68.67	−17 58 1.1	....
2	Sun II, S	9	43 38.16	+ 0.93	−12.81	57 19 58.22	45.922	+12.51	+1 32.6	20 43 26.28	−68.68	−18 30 32.3	....
3	ξ^2 Ceti	9	23 18.37	+ 0.95	**−12.89**	30 47 55.38	47.325	+12.04	+ 36.5	2 23 6.46	.....	+ 8 1 54.9	....
4	ν Ceti	8	31 5.26	+ 0.95	**−12.92**	33 39 56.08	45.428	+11.97	+ 40.8	2 30 53.34	.....	+ 5 10 33.3	....
5	δ Ceti	9	34 48.70	+ 0.93	**−12.84**	38 55 55.08	44.088	+11.94	+ 49.5	2 34 36.76	.....	− 0 5 3.7	....
6	γ Ceti	9	38 34.64	+ 0.94	**−12.87**	35 59 55.82	46.870	+11.91	+ 44.6	2 38 22.71	.....	+ 2 49 56.9	....
7	41 Arietis	9	44 35.53	+ 1.00	**−12.84**	11 57 55.38	47.905	+11.86	+ 13.1	2 44 23.66	.....	+26 52 5.1	....
8	η Eridani	9	51 59.17	+ 0.91	**−12.84**	48 5 57.30	47.815	+11.80	+1 8.4	2 51 47.21	.....	− 9 16 49.9	....
9	α Ceti	9	57 30.89	+ 0.94	**−12.89**	35 7 55.82	44.610	+11.75	+ 43.2	2 57 18.96	.....	+ 3 42 50.1	....
10	δ Arietis	9	6 24.01	+ 0.98	**−12.93**	19 27 54.50	47.915	+11.68	+ 21.8	3 6 12.12	.....	+19 21 57.3	....
	January 28, Ei.-M.												
11	ε Tauri	9	23 16.82	+ 0.96	**−12.93**	19 51 54.32	47.580	+11.52	+ 22.4	4 23 4.89	.....	+18 58 4.7	....
12	α Tauri	9	30 40.81	+ 0.95	**−12.88**	22 31 53.58	45.100	+11.52	+ 25.7	4 30 28.87	.....	+16 18 58.5	....
13	B. D.+25°720	9	31 48.46	+ 0.98	−12.89	13 19 54.98	42.788	+11.52	+ 14.7	4 31 36.55	− 0.84	+25 32 1.2	+ 5.7
14	B. D.+17°762	9	34 35.82	+ 0.96	−12.89	21 31 54.32	47.682	+11.52	+ 24.5	4 34 23.89	− 0.77	+17 18 0.3	+ 8.3
15	τ Tauri	9	36 45.22	+ 0.97	**−12.82**	16 3 54.20	46.990	+11.52	+ 17.9	4 36 33.30	.....	+22 46 22.5	....
16	B. D.+17°774	9	37 42.23	+ 0.96	−12.89	21 43 54.80	43.198	+11.52	+ 24.7	4 37 30.30	− 0.78	+17 7 42.0	+ 8.4
17	B. D.+20°821	9	41 45.78	+ 0.96	−12.89	18 33 54.48	47.442	+11.52	+ 20.9	4 41 33.85	− 0.83	+20 16 9.2	+ 7.6
18	B. D.+16°657	9	45 6.91	+ 0.96	−12.89	21 47 54.85	47.120	+11.52	+ 24.8	4 44 54.98	− 0.81	+17 2 12.3	+ 8.6
19	B. D.+19°811	9	49 35.99	+ 0.96	−12.89	19 31 53.60	43.190	+11.52	+ 22.0	4 49 24.06	− 0.85	+19 19 46.1	+ 8.1
20	B. D.+18°765	9	53 0.52	+ 0.96	−12.89	19 59 54.60	46.015	+11.52	+ 22.6	4 52 48.59	− 0.86	+18 50 40.0	+ 8.3
21	ι Tauri	9	57 37.80	+ 0.97	**−12 85**	17 23 55.00	44.898	+11.52	+ 19.5	4 57 25.88	.....	+21 27 8.2	....
22	B. D.+19°847	9	0 8.87	+ 0.96	−12.89	19 9 54.25	46.710	+11.52	+ 21.6	4 59 56.94	− 0.90	+19 40 25.4	+ 8.3
23	B. D.+19°853	9	3 26.86	+ 0.96	−12.89	19 5 54.90	47.668	+11.52	+ 21.5	5 3 14.93	− 0.91	+19 44 3.0	+ 8.3
24	B. D.+26°796	9	6 41.44	+ 0.98	−12.89	12 29 54.55	47.025	+11.52	+ 13.8	5 6 29.53	− 0.98	+26 20 25.7	+ 6.6
25	B. D.+28°772	9	11 27.91	+ 0.99	−12.89	10 3 54.70	43.315	+11.52	+ 11.1	5 11 16.01	− 1.03	+28 47 53.1	+ 6.1
26	B. D.+19°898	9	14 54.96	+ 0.96	−12.89	19 21 54.15	45.950	+11.52	+ 21.9	5 14 43.03	− 0.95	+19 28 42.6	+ 8.7
27	B. D.+31°954	9	18 43.94	+ 1.00	−12.89	7 43 54.70	43.050	+11.52	+ 8.5	5 18 32.05	− 1.08	+31 8 1.7	+ 5.7
28	β Tauri	9	20 30.12	+ 0.99	**−12.88**	10 19 53.70	44.262	+11.52	+ 11.4	5 20 18.21	.....	+28 31 32.1	....
	January 30, Y.												
29	Sun I, S	9	49 35.70	+ 0.97	−13.20	56 47 55.60	45.420	+12.30	+1 34.8	20 49 23.47	+68.47	−17 58 20.3	....
30	Sun II, N	9	51 52.64	+ 0.97	−13.20	56 15 55.45	44.140	+12.30	+1 32.9	20 51 40.41	−68.47	−17 25 48.9	....
31	Venus I, C	9	46 47.06	+ 1.00	−13.22	40 15 54.92	49.670	+11.83	+ 52.5	23 46 34.84	+ 0.69	− 1 25 38.6	....
32	ν Arietis	9	33 37.54	+ 1.03	**−13.18**	17 17 55.58	45.322	+11.64	+ 19.5	2 33 25.32	.....	+21 32 57.8	....
33	θ Persei	9	37 55.04	+ 1.13	−13.25	350 1 53.08	44.850	+11.64	− 10.9	2 37 42.92	.....	+48 49 41.4	....
34	β Fornacis	9	45 19.01	+ 0.92	−13.25	71 35 55.90	47.468	+11.64	+3 6.9	2 45 6.68	.....	−32 48 38.8	....
35	ε Arietis (*mean*)	9	53 59.14	+ 1.04	**−13.25**	17 53 55.90	43.742	+11.64	+ 20.3	2 53 46.93	.....	+20 57 32.8	....
36	γ Persei	9	58 7.59	+ 1.16	−13.26	345 43 53.32	43.835	+11.64	− 15.8	2 57 55.49	.....	+53 8 9.4	....
37	β Persei	9	2 11.84	+ 1.10	−13.26	358 16	......	......	. ....	3 1 59.68	.....	+40 35	....
38	δ Arietis	9	6 24.24	+ 1.04	**−13.25**	19 29 54.82	42.625	+11.64	+ 22.2	3 6 12.02	.....	+19 21 57.5	....
39	τ^1 Arietis	9	15 57.03	+ 1.04	**−13.23**	18 1 55.60	47.310	+11.64	+ 20.5	3 15 44.81	.....	+20 48 11.4	....
40	γ^2 Ursæ Minoris s. p.	9	21 2.76	+ 0.48	−13.26	291 3 49.20	45.828	+11.64	−2 40.6	15 20 49.98	.....	+72 10 7.1	....
41	*f* Tauri	9	25 50.21	+ 1.03	**−13.25**	26 13 55.78	46.005	+11.64	+ 30.9	3 25 37.98	.....	+12 36 30.6	....
42	τ^5 Eridani	9	29 47.96	+ 0.97	−13.26	60 45 55.38	47.600	+11.64	+1 51.7	3 29 35.67	.....	−21 57 25.8	....
43	ν Persei	9	38 57.17	+ 1.13	−13.26	356 33 54.00	47.035	+11.64	− 3.7	3 38 45.04	.....	+42 16 43.4	....
44	λ Tauri	9	55 37.73	+ 1.04	**−13.26**	26 37 55.70	44.300	+11.64	+ 31.5	3 55 25.51	.....	+12 13 9.1	....
	January 30, Ei.-Y.												
45	π^3 Orionis	9	44 53.99	+ 1.05	**−13.35**	32 1 55.42	48.218	+11.64	+ 39.3	4 44 41.75	.....	+ 6 47 32.0	....
46	π_5 Orionis	9	49 31.17	+ 1.04	**−13.30**	36 33 55.88	44.332	+11.64	+ 46.6	4 49 18.92	.....	+ 2 16 53.1	....
47	B. D.+24°739	9	58 15.38	+ 1.08	−13.29	13 59 53.58	47.270	+11.64	+ 15.7	4 58 3.17	− 0.91	+24 50 19.1	+ 6.8
48	B. D.+26°783	9	0 13.71	+ 1.09	−13.29	12 33 54.72	43.222	+11.64	+ 14.0	5 0 1.51	− 0.94	+26 17 52.1	+ 6.4
49	B. D.+29°822	9	3 53.91	+ 1.10	−13.29	9 9 53.78	47.090	+11.64	+ 10.2	5 3 41.72	− 0.99	+29 40 28.5	+ 5.6
50	B. D.+17°867	9	7 12.90	+ 1.06	−13.29	21 45 54.32	43.080	+11.64	+ 25.1	5 7 0.67	− 0.88	+17 5 44.7	+ 9.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
28 20 44	29.745	34.5	35.8
2 20	29.89	26.0	24.8
2 45			23.9
3 7	29.91	24.5	23.0
4 21	29.94	22.0	21.0
4 42	......	...	19.9
5 2	......	...	19.7
5 21	29.95	20.3	19.2
30 20 52	30.13	[illegible]	21.1
23 47	30.135	[illegible]	22.7
2 30	30.165	20.8	19.2
3 5		....	18.3
3 34	30.18	19.4	18.6
3 53	30.18	19.1	18.2
4 43	30.205	18.3	17.7

Micrometer bisections are made at II, VI, except as noted below.

1, 12, 15, 29. Bisections at I, II.
2, 30, 42. Bisections at VI, VII.
14, 35. Bisections at II, VII.
31. Z. D. threads C used.
31. Bisections at I, II, VI, VII.
36. Bisections at III, V.
40. Bisections at III, IV, V.

Notes.

3–10. Conditions poor.
13. Degrees and minutes of circle reading assumed.
17. Faint.
23. Image poor.
34, 40. Very unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 7.5	−16 15.6	...	−16 8.1
2	+ 7.5	+16 15.6	...	+16 23.1
29	+ 7.5	+16 15.6	...	+16 23.1
30	+ 7.4	−16 15.7	...	−16 8.3
31	+ 6.9	.. ....	+0.4	+ 7.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+23°888	9	11 57.92	+ 1.08	−13.29	14 55 55.85	47.128	+11.64	+ 16.8	5 11 45.71	− 0.96	+23 54 19.0	+ 7.4
2	B. D.+27°758	9	15 14.62	+ 1.09	−13.29	10 59 54.48	44.152	+11.64	+ 12.3	5 15 2.42	− 1.01	+27 51 32.8	+ 6.4
3	B. D.+17°920	9	19 5.98	+ 1.06	−13.29	21 33 54.75	43.555	+11.64	+ 24.9	5 18 53.75	− 0.93	+17 17 33.6	+ 9.5
4	B. D.+27°771	9	21 17.01	+ 1.09	−13.29	11 19 55.18	44.142	+11.64	+ 12.6	5 21 4.81	− 1.03	+27 31 32.1	+ 6.7
5	B. D.+16°782	9	22 53.82	+ 1.06	−13.29	22 29 55.00	43.715	+11.64	+ 26.0	5 22 41.59	− 0.94	+16 21 28.6	+ 9.8
6	B. D.+18°875	9	26 51.78	+ 1.06	−13.29	20 19 55.00	44.388	+11.64	+ 23.3	5 26 39.55	− 0.96	+18 31 16.0	+ 9.3
7	B. D.+24°873	9	30 21.78	+ 1.08	−13.29	14 9 55.45	45.220	+11.64	+ 15.9	5 30 9.57	− 1.03	+24 41 3.9	+ 7.8
8	ζ Tauri	9	32 11.29	+ 1.07	**−13.32**	17 45 54.72	45.368	+11.64	+ 20.2	5 31 59.07	.....	+21 4 56.6	....
9	B. D.+29°947	9	33 29.14	+ 1.10	−13.29	9 41 54.30	44.308	+11.64	+ 10.8	5 33 16.95	− 1.09	+29 9 30.9	+ 6.7
10	B. D.+18°920	9	37 6.59	+ 1.07	−13.29	19 53 53.95	46.972	+11.64	+ 22.8	5 36 54.37	− 1.00	+18 56 18.5	+ 9.4
11	B. D.+20°1093	9	41 20.85	+ 1.07	−13.29	18 41 54.48	47.690	+11.64	+ 21.4	5 41 8.63	− 1.03	+20 8 2.9	+ 9.2
12	B. D.+24°970	9	43 24.47	+ 1.08	−13.29	14 17 54.78	48.012	+11.64	+ 16.1	5 43 12.26	− 1.07	+24 32 0.5	+ 8.2
13	B. D.+27°899	9	47 34.75	+ 1.09	−13.30	11 15 55.00	44.875	+11.64	+ 12.6	5 47 22.54	− 1.11	+27 35 15.1	+ 7.6
14	B. D.+28°952	9	50 45.07	+ 1.10	−13.30	9 55 54.18	44.358	+11.64	+ 11.1	5 50 32.87	− 1.14	+28 55 29.6	+ 7.4
15	B. D.+22°1135	9	54 56.01	+ 1.08	−13.30	15 57 55.20	44.005	+11.64	+ 18.0	5 54 43.79	− 1.09	+22 53 29.8	+ 8.9
16	1 Geminorum	9	58 34.07	+ 1.08	**−13.29**	15 35 54.58	42.790	+11.64	+ 17.6	5 58 21.85	.....	+23 15 58.6	....
17	B. D.+26°1082	9	1 37.68	+ 1.09	−13.30	12 9 54.62	44.528	+11.64	+ 13.6	6 1 25.47	− 1.14	+26 41 22.8	+ 8.2
18	B. D.+26°1117	9	5 12.59	+ 1.08	−13.30	12 49 53.95	43.315	+11.64	+ 14.4	6 5 0.37	− 1.14	+26 1 50.4	+ 8.5
19	B. D.+19°1253	9	6 37.13	+ 1.07	−13.30	19 1 54.42	46.350	+11.64	+ 21.8	6 6 24.90	− 1.10	+19 48 33.2	+ 9.9
20	B. D.+29°1154	9	9 32.95	+ 1.10	−13.30	9 19 54.05	43.462	+11.64	+ 10.4	6 9 20.75	− 1.19	+29 31 51.2	+ 7.8
21	B. D.+20°1348	9	12 2.27	+ 1.07	−13.30	17 59 54.92	47.012	+11.64	+ 20.5	6 11 50.04	− 1.12	+20 50 18.8	+ 9.8
22	B. D.+25°1225	9	14 58.26	+ 1.08	−13.30	13 37 54.75	43.790	+11.64	+ 15.3	6 14 46.04	− 1.16	+25 13 37.8	+ 8.9
23	μ Geminorum	9	17 26.21	+ 1.08	**−13.30**	16 17 54.88	43.772	+11.64	+ 18.5	6 17 13.99	.....	+22 33 34.9	....
24	B. D.+28°1138	9	24 35.80	+ 1.09	−13.30	10 33 55.32	47.285	+11.64	+ 11.8	6 24 23.59	− 1.21	+28 16 20.9	+ 8.4
25	B. D.+25°1317	9	27 31.99	+ 1.08	−13.30	13 29 53.38	45.965	+11.64	+ 15.2	6 27 19.77	− 1.19	+25 20 49.6	+ 9.2
26	B. D.+23°1425	9	31 10.23	+ 1.08	−13.30	15 39 53.85	47.060	+11.64	+ 17.7	6 30 58.01	− 1.18	+23 10 21.6	+ 9.8
27	B. D.+23°1446	9	34 31.80	+ 1.08	−13.30	15 5 55.72	44.270	+11.64	+ 17.0	6 34 19.58	− 1.19	+23 45 24.2	+ 9.7
28	B. D.+20°1549	9	39 4.34	+ 1.07	−13.30	18 3 54.72	44.835	+11.64	+ 20.6	6 38 52.11	− 1.18	+20 47 8.4	+10.4
29	ξ Geminorum	9	40 10.93	+ 1.06	**−13.34**	25 49 53.70	48.265	+11.64	+ 30.5	6 39 58.69	.....	+12 59 41.7	....
30	B. D.+27°1236	9	43 27.73	+ 1.09	−13.30	11 33 54.42	43.802	+11.64	+ 12.9	6 43 15.52	− 1.24	+27 17 40.3	+ 9.3
31	B. D.+20°1598	9	46 26.36	+ 1.07	−13.30	18 23 54.02	46.008	+11.64	+ 21.0	6 46 14.13	− 1.19	+20 26 42.2	+10.6
32	B. D.+22°1531	9	52 41.79	+ 1.08	−13.30	16 15 54.45	43.242	+11.64	+ 18.4	6 52 29.57	− 1.22	+22 35 47.6	+10.4
33	B. D.+21°1471	9	56 37.89	+ 1.07	−13.30	16 55 54.50	43.155	+11.64	+ 19.2	6 56 25.66	− 1.22	+21 55 48.7	+10.5
34	ζ Geminorum	9	58 41.99	+ 1.07	**−13.30**	18 7 54.50	46.778	+11.64	+ 20.7	6 58 29.76	.....	+20 42 24.4	....
35	B. D.+19°1623	9	3 46.98	+ 1.07	−13.31	19 9 54.32	43.378	+11.64	+ 22.0	7 3 34.74	− 1.22	+19 41 41.3	+11.0
36	B. D.+24°1558	9	6 53.64	+ 1.08	−13.31	14 33 55.08	45.168	+11.64	+ 16.5	7 6 41.41	− 1.25	+24 17 4.8	+10.4
37	B. D.+23°1647	9	9 22.32	+ 1.08	−13.31	15 33 54.00	47.268	+11.64	+ 17.7	7 9 10.09	− 1.24	+23 16 16.7	+10.6
38	λ Geminorum	9	12 51.57	+ 1.06	**−13.32**	22 7 54.15	46.290	+11.64	+ 25.8	7 12 39.32	.....	+16 42 30.8	....
39	∂ Geminorum	9	14 40.52	+ 1.07	**−13.28**	16 41 55.60	44.555	+11.64	+ 19.0	7 14 28.28	.....	+22 9 15.8	....
	February 2, Y.												
40	Sun I, N	9	1 51.98	+ 0.96	−13.75	55 25 55.40	42.532	+12.01	+1 29.7	21 1 39.19	+68.15	−16 35 8.7	....
41	Sun II, S	7	4 8.29	+ 0.96	−13.75	55 57 55.28	43.875	+12.01	+1 31.5	21 3 55.50	−68.16	−17 7 41.0	....
42	Venus I, C	9	58 20.12	+ 1.00	−13.77	38 43 54.85	49.298	+11.53	+ 49.7	23 58 7.35	+ 0.71	+ 0 6 33.0	....
43	γ Eridani	9	53 49.02	+ 0.96	**−13.81**	52 35 54.02	47.862	+10.72	+1 22.7	3 53 36.19	.....	−13 47 0.8	....
44	ν Tauri	9	58 19.31	+ 0.99	**−13.71**	33 7 54.78	43.388	+10.72	+ 41.3	3 58 6.51	.....	+ 5 43 22.0	....
45	o^1 Eridani	9	7 26.95	+ 0.97	**−13.80**	45 55 56.80	44.160	+10.72	+1 5.3	4 7 14.13	.....	− 7 5 21.6	....
46	o^2 Eridani	9	11 7.25	+ 0.97	**−13.79**	46 37 56.18	46.600	+10.72	+1 7.0	4 10 54.43	.....	− 7 48 18.5	....
47	∂ Tauri	9	17 40.68	+ 1.01	**−13.76**	21 31 54.15	44.892	+10.72	+ 25.0	4 17 27.90	.....	+17 19 4.5	....
48	ε Tauri	9	23 17.53	+ 1.01	**−13.76**	19 53 54.40	42.345	+10.72	+ 22.9	4 23 4.75	.....	+18 58 4.6	....
49	α Tauri	9	30 41.62	+ 1.01	**−13.82**	22 31 53.72	45.125	+10.72	+ 26.3	4 30 28.84	.....	+16 18 58.3	....
50	53 Eridani	9	34 3.21	+ 0.96	**−13.86**	53 19 54.70	44.225	+10.72	+1 25.0	4 33 50.38	.....	−14 29 40.7	....
	February 6, Y.												
51	Sun I, S	9	18 1.87	+ 1.04	−13.92	54 45 56.68	45.035	+12.45	+1 24.6	21 17 48.99	+67.60	−15 56 2.5	....
52	Sun II, N	9	20 17.07	+ 1.04	−13.92	54 13 57.02	43.882	+12.45	+1 22.9	21 20 4.19	−67.60	−15 23 34.8	....
53	1 Geminorum	5	58 34.66	+ 1.04	**−13.91**	15 36	......	.....	.....	5 58 21.77	.....	+23 15	....
54	η Geminorum	8	9 22.60	+ 1.04	**−13.92**	16 20	......	.....	.....	6 9 9.71	.....	+22 31	....
55	μ Geminorum	7	17 26.84	+ 1.04	**−13.94**	16 18	......	.....	.....	6 17 13.95	.....	+22 33	....
56	γ Geminorum	9	32 27.46	+ 1.02	**−13.89**	22 22	......	.....	.....	6 32 14.55	.....	+16 28	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 5 9	......	....	17.8
5 34	30.205	17.8	17.1
6 0	......	....	16.4
6 26	30.21	17.0	16.5
6 48	......	....	16.5
7 16	30.22	16.3	14.1
2 21 4	29.91	22.0	19.5
23 58	29.89	21.6	18.7
3 47	29.965	13.8	11.3
4 15	......	....	10.5
4 38	29.98	11.8	10.4
6 21 20	29.675	30.2	31.8

Micrometer bisections are made at II, VI, except as noted below.

8, 28, 40, 51.	Bisections at I, II.
20, 29, 35, 41, 52.	Bisections at VI, VII.
25, 44.	Bisections at II, VII.
42.	Bisections at I, II, VI, VII.
42.	Z. D. threads C used.

Notes.

25, 33. Image poor.
43–50. Somewhat diffuse and unsteady.
53–56. Conditions rather poor; clouds.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
40	+ 7.3	−16 16.1	...	−16 8.8
41	+ 7.4	+16 16.1	...	+16 23.5
42	+ 6.9	.. ....	+0.5	+ 7.4
51	+ 7.3	+16 13.8	...	+16 21.1
52	+ 7.2	−16 13.8	...	−16 6.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	S Monocerotis	5	35 58.79	+ 1.01	**−13.90**	28 52	......	.....	. ....	6 35 45.87	.....	+ 9 58	....
2	ε Geminorum	9	38 19.34	+ 1.05	**−13.92**	13 38	......	.....	. ....	6 38 6.46	.....	+25 13	....
3	θ Canis Majoris	6	50 0.78	+ 0.96	**−13.95**	50 46	......	.....	. ....	6 49 47.81	.....	−11 55	....
4	ζ Geminorum	7	58 42.67	+ 1.03	**−13.97**	18 8	......	.....	. ....	6 58 29.77	.....	+20 42	....
	February 6, Br.												
5	τ Virginis	9	57 2.14	+ 0.97	**−14.05**	36 49 54.60	46.320	+10.95	+ 46.5	13 56 49.06	.....	+ 2 0 9.7	....
6	d Boötis	9	6 17.16	+ 1.03	**−14.00**	13 17 54.48	47.312	+10.98	+ 14.7	14 6 4.14	.....	+25 32 18.9	....
7	ι Virginis	9	11 15.41	+ 0.96	**−14.08**	44 23 56.08	43.102	+11.00	+1 0.8	14 11 2.32	.....	− 5 32 52.5	....
8	3 G. Libræ	9	19 36.93	+ 0.92	−14.05	63 11 53.28	44.580	+11.01	+2 2.6	14 19 23.80	− 0.52	−24 22 25.3	− 7.1
9	g Boötis	9	25 32.39	+ 1.13	−14.05	348 35 53.10	44.348	+11.04	− 12.4	14 25 19.47	+ 0.21	+50 15 55.1	+13.8
10	σ Boötis	9	30 45.68	+ 1.04	−14.05	8 41 53.52	45.150	+11.06	+ 9.6	14 30 32.67	+ 0.02	+30 9 14.3	+ 9.9
11	Mars I, C	9	38 37.23	+ 0.94	−14.05	52 27 55.28	42.885	+11.09	+1 20.8	14 38 24.12	+ 0.35	−13 37 6.8	....
12	Mars II	9	38 38.01	+ 0.94	−14.05	... .	......	.....	. ....	14 38 24.90	− 0.43	.. ..	....
13	ξ Boötis (*brighter*)	9	47 13.33	+ 1.01	−14.05	19 21 54.18	43.682	+11.11	+ 21.9	14 47 0.29	+ 0.03	+19 29 34.8	+ 6.7
14	ξ^2 Libræ	9	51 49.99	+ 0.95	**−14.06**	49 51 54.88	44.350	+11.13	+1 13.8	14 51 36.89	.....	−11 1 33.0	....
15	β Libræ	9	12 6.83	+ 0.95	**−14.10**	47 51 56.28	45.555	+11.19	+1 8.8	15 11 53.73	.....	− 9 1 57.0	....
16	μ Boötis	9	21 6.67	+ 1.07	−14.05	1 7 53.00	47.715	+11.22	+ 1.3	15 20 53.69	.....	+37 42 23.9	....
17	β Coronæ Borealis	9	24 7.43	+ 1.04	**−14.02**	9 25 54.20	43.670	+11.23	+ 10.4	15 23 54.42	.....	+29 25 46.7	....
18	θ Coronæ Borealis	9	29 18.59	+ 1.05	−14.05	7 9 54.30	46.978	+11.25	+ 7.9	15 29 5.59	+ 0.37	+31 40 33.4	+ 8.7
19	φ Boötis	9	34 37.33	+ 1.08	−14.05	358 11 53.40	44.805	+11.26	− 1.9	15 34 24.36	+ 0.51	+40 39 33.6	+10.4
	February 7, Br.												
20	Sun I, N	9	22 2.35	+ 0.96	−14.08	53 55 54.55	42.300	+11.73	+1 24.8	21 21 49.23	+67.55	−15 4 57.4	....
21	Sun II, S	9	24 17.44	+ 0.96	−14.08	54 27 56.10	43.455	+11.73	+1 26.5	21 24 4.32	−67.54	−15 37 27.0	....
22	Moon I	9	44 42.37	+ 1.00	−14.08	42 38	......	.....	. ....	23 44 29.29	+61.10	.. ..	....
23	Venus I, C	9	17 10.33	+ 0.99	−14.08	36 11 56.42	43.026	+11.27	+ 44.9	0 16 57.24	+ 0.76	+ 2 39 24.4	....
	February 7, Ei.-Y.												
24	π^5 Orionis	9	49 31.81	+ 1.00	**−14.01**	36 33 56.32	44.395	+10.65	+ 46.0	4 49 18.80	.....	+ 2 16 52.8	....
25	ι Tauri	9	57 38.73	+ 1.05	**−13.99**	17 23 55.18	44.958	+10.65	+ 19.5	4 57 25.77	.....	+21 27 7.5	....
26	B D.+17°832	9	59 36.40	+ 1.04	−14.01	21 11 54.78	45.380	+10.65	+ 24.1	4 59 23.43	− 0.75	+17 38 53.7	+ 8.9
27	B. D.+21°766	9	2 28.32	+ 1.05	−14.01	17 15 55.80	46.278	+10.65	+ 19.4	5 2 15.36	− 0.79	+21 34 36.9	+ 7.7
28	B. D.+23°872	9	5 27.89	+ 1.05	−14.01	15 45 55.52	44.770	+10.65	+ 17.6	5 5 14.93	− 0.82	+23 5 13.4	+ 7.3
29	B. D.+18°806	9	10 29.35	+ 1.04	−14.01	20 19 54.85	43.355	+10.65	+ 23.1	5 10 16.38	− 0.81	+18 31 40.9	+ 8.8
30	B. D.+26°805	9	14 7.33	+ 1.06	−14.01	12 41 55.50	44.245	+10.65	+ 14.1	5 13 54.38	− 0.88	+26 9 28.9	+ 6.6
31	B. D.+28°788	9	17 35.67	+ 1.08	−14.01	9 59 56.05	46.470	+10.65	+ 11.0	5 17 22.74	− 0.92	+28 50 40.6	+ 5.9
32	B. D.+25°828	9	20 23.42	+ 1.06	−14.01	13 9 55.25	47.175	+10.65	+ 14.6	5 20 10.47	− 0.91	+25 40 21.7	+ 6.9
33	B. D.+23°916	9	22 23.44	+ 1.05	−14.01	15 37 55.72	46.182	+10.65	+ 17.5	5 22 10.48	− 0.89	+23 12 41.0	+ 7.7
34	B. D.+19°946	9	26 23.71	+ 1.04	−14.01	19 21 54.12	46.200	+10.65	+ 21.9	5 26 10.74	− 0.88	+19 28 37.8	+ 8.9
35	B. D.+22°949	9	29 25.77	+ 1.05	−14.01	16 21 55.32	42.360	+10.65	+ 18.3	5 29 12.81	− 0.91	+22 30 7.9	+ 8.1
36	B. D.+19°986	9	32 11.09	+ 1.04	−14.01	19 7 54.92	44.858	+10.65	+ 21.6	5 31 58.12	− 0.90	+19 43 8.0	+ 9.0
37	B. D.+17°979	9	36 4.77	+ 1.04	−14.01	21 21 54.22	47.175	+10.65	+ 24.4	5 35 51.80	− 0.90	+17 28 12.9	+ 9.7
38	B. D.+27°849	9	38 36.74	+ 1.07	−14.01	11 9 56.38	45.092	+10.65	+ 12.3	5 38 23.80	− 1.00	+27 41 10.4	+ 6.9
39	130 Tauri	9	42 7.72	+ 1.04	−14.01	21 9 54.70	43.900	+10.65	+ 24.1	5 41 54.75	− 0.93	+17 41 27.6	+ 9.8
40	B. D.+23°1087	9	46 17.94	+ 1.06	−14.01	15 29 55.55	44.570	+10.65	+ 17.3	5 46 4.99	− 0.98	+23 21 18.2	+ 8.3
41	B. D.+20°1162	9	48 59.36	+ 1.04	−14.01	18 35 55.38	44.245	+10.65	+ 21.0	5 48 46.39	− 0.97	+20 15 21.8	+ 9.2
42	α Orionis	9	50 15.69	+ 1.01	**−14.03**	31 27 55.85	44.058	+10.65	+ 38.1	5 50 2.69	.....	+ 7 23 8.9	....
43	B. D.+20°1199	9	53 29.55	+ 1.04	−14.01	18 11 54.82	42.900	+10.65	+ 20.5	5 53 16.58	− 0.99	+20 39 53.9	+ 9.2
44	B. D.+28°997	9	58 29.97	+ 1.07	−14.01	10 31 54.30	48.048	+10.65	+ 11.7	5 58 17.03	− 1.07	+28 18 5.6	+ 7.3
45	B. D.+29°1112	9	0 32.56	+ 1.08	−14.01	9 19 55.48	45.478	+10.65	+ 10.3	6 0 19.63	− 1.09	+29 31 4.5	+ 7.0
46	B. D.+23°1226	9	4 11.89	+ 1.05	−14.01	15 43 54.85	43.832	+10.65	+ 17.6	6 3 58.93	− 1.04	+23 7 35.5	+ 8.8
47	B. D.+20°1302	8	5 56.73	+ 1.04	−14.01	17 55 55.18	44.360	+10.65	+ 20.2	6 5 43.76	− 1.03	+20 55 20.5	+ 9.4
48	B. D.+17°1182	9	9 9.67	+ 1.04	−14.01	20 55 53.62	42.968	+10.65	+ 23.9	6 8 56.70	− 1.03	+17 55 50.2	+ 9.3
49	B. D.+24°1182	9	10 44.86	+ 1.06	−14.01	14 51 55.10	43.040	+10.65	+ 16.6	6 10 31.91	− 1.07	+23 59 54.3	+ 8.7
50	B. D.+17°1203	9	13 44.42	+ 1.04	−14.01	21 29 54.98	43.545	+10.65	+ 24.6	6 13 31.45	− 1.04	+17 21 34.9	+10.5
51	B. D.+19°1313	9	16 11.96	+ 1.04	−14.01	18 53 54.22	48.002	+10.65	+ 21.4	6 15 58.99	− 1.06	+19 55 56.7	+ 9.9
52	μ Geminorum	9	17 26.91	+ 1.05	**−14.03**	16 15 54.88	49.055	+10.65	+ 18.3	6 17 13.95	.....	+22 33 35.4	....
53	B. D.+23°1347	9	20 0.57	+ 1.06	−14.01	15 27 54.95	46.415	+10.65	+ 17.3	6 19 47.62	− 1.10	+23 22 36.6	+ 9.1
54	B. D.+30°1238	9	22 41.85	+ 1.08	−14.01	8 17 54.55	45.815	+10.65	+ 9.2	6 22 28.92	− 1.07	+30 32 58.8	+ 7.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	In.	°	°
6 13 57	29.95	20.3	19.0
14 26	......	....	18.8
14 39	......	....	18.6
14 52	29.97	19.4	18.1
15 12	......	....	18.0
15 35	29.98	18.8	17.4
7 21 24	30.085	23.6	22.6
0 17	30.08	27.1	23.8
4 47	30.18	22.5	22.8
5 12	......	....	22.1
5 40	30.19	21.5	21.3
6 8	......	....	21.3

Micrometer bisections are made at II, VI, except as noted below.

9, 19.	Bisections at III, V.
11, 23.	Bisections at I, II, VI, VII.
16, 20, 41, 51.	Bisections at I, II.
17, 18, 21.	Bisections at VI, VII.
37, 38.	Bisections at II, VII.

Notes.

1–4.	Conditions rather poor.
8.	Diffuse.
13.	Assumed that brighter was observed.
30–54.	Unsteady; images sometimes poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 5.8	.. ....	0.0	+ 5.8
20	+ 7.2	−16 14.8	...	−16 7.6
21	+ 7.2	+16 14.8	...	+16 22.0
23	+ 6.9	.. ....	+0.5	+ 7.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+22°1364	9	26 30.12	+ 1.05	−14.01	16 35 55.48	45.315	+10.65	+ 18.6	6 26 17.16	− 1.11	+22 15 0.0	+ 9.5
2	B. D.+20°1496	9	30 10.76	+ 1.04	−14.01	17 53 55.35	43.305	+10.65	+ 20.2	6 29 57.79	− 1.11	+20 57 44.4	+ 9.9
3	B. D.+26°1300	9	32 59.41	+ 1.07	−14.01	12 15 56.28	46.140	+10.65	+ 13.6	6 32 46.47	− 1.16	+26 34 45.3	+ 8.6
4	B. D.+17°1357	9	37 6.55	+ 1.04	−14.01	21 5 54.85	47.400	+10.65	+ 24.1	6 36 53.58	− 1.11	+17 44 7.1	+10.8
5	ε Geminorum	9	38 19.38	+ 1.06	**−13.97**	13 37 54.78	44.530	+10.65	+ 15.2	6 38 6.43	.....	+25 13 22.0	....
6	B. D.+21°1372	9	40 48.98	+ 1.05	−14.01	17 13 53.98	43.452	+10.65	+ 19.4	6 40 36.02	− 1.14	+21 37 43.2	+10.0
7	B. D.+25°1460	9	45 22.48	+ 1.06	−14.01	12 57 54.85	47.180	+10.65	+ 14.4	6 45 9.53	− 1.18	+25 52 22.2	+ 9.1
8	B. D.+25°1496	9	49 42.35	+ 1.06	−14.01	13 21 54.18	44.155	+10.65	+ 14.9	6 49 29.40	− 1.19	+25 29 31.4	+ 9.3
9	B. D.+20°1661	8	53 59.15	+ 1.04	−14.01	18 15 55.15	47.155	+10.65	+ 20.7	6 53 46.18	− 1.17	+20 34 16.4	+10.4
10	*h* Geminorum	9	57 42.46	+ 1.08	−14.01	9 21 54.65	43.995	+10.65	+ 10.4	6 57 29.53	− 1.24	+29 29 39.1	+ 8.7
11	ζ Geminorum	9	58 42.69	+ 1.04	**−14.01**	18 7 54.52	46.835	+10.65	+ 20.5	6 58 29.72	.....	+20 42 24.5	....
12	B. D.+24°1531	9	1 44.18	+ 1.06	−14.01	14 31 54.62	46.078	+10.65	+ 16.3	7 1 31.23	− 1.21	+24 18 45.7	+ 9.8
13	B. D.+27°1327	9	5 43.80	+ 1.07	−14.01	11 49 55.62	46.590	+10.65	+ 13.2	7 5 30.86	− 1.24	+27 0 36.1	+ 9.4
14	B. D.+24°1576	9	8 53.04	+ 1.06	−14.01	13 57 54.32	47.485	+10.65	+ 15.6	7 8 40.09	− 1.23	+24 52 14.5	+ 9.9
15	B. D.+26°1508	9	11 24.52	+ 1.07	−14.01	11 59 56.02	44.295	+10.65	+ 13.3	7 11 11.58	− 1.25	+26 51 28.0	+ 9.5
16	δ Geminorum	9	14 41.25	+ 1.05	**−14.01**	16 41 55.32	44.620	+10.65	+ 18.8	7 14 28.29	.....	+22 9 15.8	....
17	ι Geminorum	9	20 3.92	+ 1.07	**−14.03**	10 51 55.02	45.480	+10.65	+ 12.1	7 19 50.98	.....	+27 59 3.1	....
	February 9, Br.												
18	τ Virginis	9	57 2.22	+ 0.96	**−14.03**	36 49 54.95	46.315	+12.38	+ 44.9	13 56 49.16	.....	+ 2 0 9.7	....
19	9 H. Boötis	9	4 21.09	+ 1.11	−14.02	354 33 52.90	43.435	+12.38	− 5.6	14 4 8.18	− 0.12	+44 18 8.0	+13.4
20	κ Virginis	9	8 3.26	+ 0.93	**−14.05**	48 39 55.70	45.480	+12.38	+1 8.1	14 7 50.17	.....	− 9 49 55.4	....
21	ι Boötis	5	13 1.05	+ 1.16	−14.02	347 3 52.45	43.972	+12.38	− 13.7	14 12 48.19	+ 0.01	+51 48 4.3	+14.2
22	3 G. Libræ	9	19 37.14	+ 0.88	−14.02	63 11 54.45	44.752	+12.38	+1 58.2	14 19 24.00	− 0.62	−24 22 27.3	− 6.7
23	φ Virginis	9	23 31.88	+ 0.95	−14.02	40 37 54.25	46.975	+12.38	+ 51.4	14 23 18.81	− 0.36	− 1 48 11.2	+ 1.0
24	56 B. Draconis	9	29 20.72	+ 1.24	−14.02	338 13 51.20	43.625	+12.38	− 23.8	14 29 7.94	+ 0.25	+60 38 23.5	+14.8
25	c¹ Centauri	9	38 4.57	+ 0.85	−14.02	73 33 54.00	44.510	+12.38	+3 21.3	14 37 51.40	− 0.63	−34 45 44.4	−11.0
26	Mars I, C	9	43 31.16	+ 0.92	−14.02	52 49 55.75	45.099	+12.38	+1 19.1	14 43 18.06	+ 0.33	−13 59 57.5	....
27	Mars II	9	43 31.89	+ 0.92	−14.02	... .	......	.....	. ....	14 43 18.79	− 0.40	.. ..	....
28	2 H. Ursæ Minoris	9	56 16.48	+ 1.32	−14.02	332 33 50.40	43.958	+12.38	− 31.0	14 56 3.78	+ 0.65	+66 18 23.9	+14.6
29	*i* Boötis (*fol.*)	9	0 52.38	+ 1.14	−14.02	350 49 53.95	46.025	+12.38	− 9.6	15 0 39.50	+ 0.29	+48 1 11.7	+12.8
30	*o*² Libræ	9	17 57.11	+ 0.92	−14.02	53 37 54.50	44.292	+12.38	+1 21.5	15 17 44.01	.....	−14 47 40.2	....
31	β Coronæ Borealis	9	24 7.56	+ 1.04	**−14.05**	9 25 54.30	43.615	+12.38	+ 10.0	15 23 54.58	.....	+29 25 46.8	....
32	ν² Boötis	9	28 35.62	+ 1.09	−14.02	357 37 52.70	46.060	+12.38	− 2.4	15 28 22.69	+ 0.37	+41 13 5.0	+11.0
33	B. D.+43°2510	9	32 7.11	+ 1.11	−14.02	355 21 51.35	47.178	+12.38	− 4.8	15 31 54.20	+ 0.42	+43 28 43.2	+11.3
34	β Serpentis	9	42 0.99	+ 0.99	**−13.95**	23 7 54.80	44.870	+12.38	+ 25.7	15 41 47.96	.....	+15 43 2.0	....
35	γ Serpentis	9	52 16.67	+ 0.99	**−14.00**	22 51 54.00	47.152	+12.38	+ 25.5	15 52 3.64	.....	+15 58 10.9	....
	February 10, Br.												
36	Sun I, S	9	33 58.53	+ 0.93	−14.04	53 29 55.65	45.502	+12.23	+1 20.4	21 33 45.42	+67.32	−14 40 7.7	....
37	Sun II, N	9	36 13.16	+ 0.93	−14.04	52 57 55.62	44.355	+12.23	+1 18.9	21 36 0.05	−67.31	−14 7 40.0	....
38	Venus I, C	9	28 13.69	+ 0.96	−14.05	34 41 56.58	45.414	+11.50	+ 41.3	0 28 0.60	+ 0.79	+ 4 10 8.5	....
39	Moon I, S	9	4 1.28	+ 1.00	−14.05	31 21 54.40	43.993	+11.45	+ 36.5	2 3 48.23	+61.98	+ 7 29 12.8	....
	February 10, Ei.-Y.												
40	ι Tauri	9	57 38.67	+ 1.02	**−13.95**	17 23 54.88	44.945	+11.40	+ 19.0	4 57 25.72	.....	+21 27 7.9	....
41	11 Orionis	9	59 22.03	+ 1.00	**−13.93**	23 33 54.55	47.185	+11.40	+ 26.5	4 59 9.06	.....	+15 16 9.5	....
42	B. D.+20°885	9	2 24.74	+ 1.02	−13.97	18 33 54.00	44.085	+11.40	+ 20.4	5 2 11.79	− 0.74	+20 17 27.0	+ 8.2
43	B. D.+24°772	9	5 8.63	+ 1.04	−13.97	13 49 54.70	44.160	+11.40	+ 15.0	5 4 55.70	− 0.79	+25 1 30.0	+ 6.7
44	B. D.+22°864	9	9 58.69	+ 1.03	−13.97	16 39 55.10	46.835	+11.40	+ 18.2	5 9 45.75	− 0.78	+22 10 25.3	+ 7.8
45	B. D.+19°893	9	13 51.19	+ 1.02	−13.97	18 49 54.42	42.708	+11.40	+ 20.7	5 13 38.24	− 0.79	+20 1 57.8	+ 8.5
46	B. D.+18°831	9	16 19.07	+ 1.01	−13.97	20 1 53.72	46.238	+11.40	+ 22.2	5 16 6.11	− 0.79	+18 48 36.3	+ 9.0
47	B. D.+20°948	9	19 45.30	+ 1.02	−13.97	18 21 53.55	43.500	+11.40	+ 20.2	5 19 32.35	− 0.82	+20 29 41.0	+ 8.5
48	B. D.+15°824	9	22 15.99	+ 1.00	−13.97	22 53 53.52	44.055	+11.40	+ 25.7	5 22 3.02	− 0.80	+15 57 22.9	+10.0
49	B. D.+21°865	9	24 40.48	+ 1.02	−13.97	17 31 54.35	47.448	+11.40	+ 19.2	5 24 27.53	− 0.84	+21 18 11.0	+ 8.4
50	B. D.+20°989	9	28 13.74	+ 1.02	−13.97	18 25 53.60	47.205	+11.40	+ 20.3	5 28 0.79	− 0.85	+20 24 16.2	+ 8.7
51	B. D.+16°822	9	31 46.76	+ 1.00	−13.97	21 51 53.40	45.792	+11.40	+ 24.4	5 31 33.79	− 0.84	+16 58 44.6	+ 9.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 6 34	30.215	20.8	21.1
6 56	......	....	20.3
7 21	30.205	20.0	19.8
9 13 55	29.68	30.5	31.3
14 24	......	....	31.4
14 38	......	....	30.9
14 49	29.68	30.1	30.5
15 24	......	....	29.9
15 42	......	....	29.8
15 52	[illegible]	29.5	29.1
10 21 36	29.800	36.3	35.7
0 28	29.835	35.5	35.7
2 4	29.875	33.9	34.1
4 55	29.96	30.0	30.7
5 18	......	....	29.9

Micrometer bisections are made at II, VI, except as noted below.

4, 20, 36.	Bisections at I, II.
9, 11, 21, 37.	Bisections at VI, VII.
15, 50.	Bisections at II, VII.
19, 24, 28, 29, 32, 33.	Bisections at III, V.
26, 38.	Bisections at I, II, VI, VII.
38.	Z. D. threads C used.
39.	Bisections at III, IV, V.

Notes.

18–35. Two microscopes used.
18–35. Conditions rather poor.
23, 30. Fuzzy.
44. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
26	+ 6.0	.. ....	0.0	+ 6.0
36	+ 7.1	+16 13.8	...	+16 20.9
37	+ 7.1	−16 13.9	...	−16 6.8
38	+ 6.8	.. ....	+0.5	+ 7.3
39	+28 10.3	+14 50.8	...	+43 1.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+16°841	9	36 2.12	+ 1.00	−13.97	22 21 52.95	45.320	+11.40	+ 25.0	5 35 49.15	− 0.86	+16 28 55.2	+10.1
2	B. D.+21°946	9	37 54.32	+ 1.02	−13.97	17 27 54.75	47.555	+11.40	+ 19.2	5 37 41.37	− 0.90	+21 22 8.1	+ 8.7
3	B. D.+25°978	9	41 56.04	+ 1.04	−13.97	13 19 54.62	43.230	+11.40	+ 14.4	5 41 43.11	− 0.94	+25 31 51.9	+ 7.5
4	B. D.+27°888	9	45 12.79	+ 1.06	−13.97	10 53 54.18	47.610	+11.40	+ 11.8	5 44 59.88	− 0.98	+27 56 14.9	+ 6.9
5	B. D.+20°1156	9	47 54.13	+ 1.02	−13.97	18 33 54.08	46.625	+11.40	+ 20.4	5 47 41.18	− 0.93	+20 16 28.9	+ 9.2
6	α Orionis	9	50 15.66	+ 0.97	**−13.99**	31 27 55.02	44.088	+11.40	+ 37.2	5 50 2.66	.....	+ 7 23 9.2	....
7	B. D.+16°940	9	53 24.23	+ 1.00	−13.97	22 15 53.90	44.765	+11.40	+ 24.9	5 53 11.26	− 0.93	+16 35 7.1	+10.4
8	B. D.+19°1186	9	58 3.91	+ 1.01	−13.97	19 9 54.12	44.258	+11.40	+ 21.2	5 57 50.95	− 0.96	+19 41 22.2	+ 9.6
9	B. D.+18°1078	9	59 38.96	+ 1.01	−13.97	20 31 53.40	45.680	+11.40	+ 22.8	5 59 26.00	− 0.96	+18 18 48.8	+10.0
10	B. D.+22°1198	9	4 2.76	+ 1.03	−13.98	16 37 53.90	47.555	+11.40	+ 18.2	6 3 49.81	− 1.00	+22 12 10.0	+ 9.0
11	B. D.+24°1151	9	5 56.76	+ 1.04	−13.98	14 23 55.70	47.155	+11.40	+ 15.7	6 5 43.82	− 1.02	+24 26 19.8	+ 8.4
12	B. D.+18°1129	9	8 12.36	+ 1.01	−13.98	20 7 54.42	47.375	+11.40	+ 22.3	6 7 59.39	− 0.99	+18 42 9.5	+10.1
13	B. D.+16°1060	9	10 10.49	+ 1.00	−13.98	22 39 55.05	47.195	+11.40	+ 25.5	6 9 57.51	− 0.99	+16 10 9.8	+10.8
14	B. D.+23°1300	9	13 46.38	+ 1.03	−13.98	15 19 55.58	47.280	+11.40	+ 16.7	6 13 33.43	− 1.04	+23 30 16.1	+ 8.9
15	B. D.+17°1214	9	16 7.28	+ 1.01	−13.98	21 1 53.72	47.020	+11.40	+ 23.4	6 15 54.31	− 1.02	+17 48 17.2	+10.4
16	B. D.+28°1109	9	19 14.23	+ 1.06	−13.98	10 45 54.42	46.098	+11.40	+ 11.6	6 19 1.31	− 1.10	+28 4 49.4	+ 7.8
17	B. D.+20°1428	9	22 31.76	+ 1.02	−13.98	18 17 54.88	45.090	+11.40	+ 20.2	6 22 18.80	− 1.05	+20 33 3.0	+ 9.8
18	ν Geminorum	9	23 33.37	+ 1.02	**−13.97**	18 33 55.48	47.350	+11.40	+ 20.5	6 23 20.41	.....	+20 16 10.8	....
19	B. D.+16°1178	9	26 23.62	+ 1.00	−13.98	22 51 53.22	47.615	+11.40	+ 25.7	6 26 10.64	− 1.04	+15 58 1.8	+11.1
20	B. D.+28°1168	9	29 27.22	+ 1.06	−13.98	10 45 54.50	43.925	+11.40	+ 11.6	6 29 14.30	− 1.13	+28 5 38.9	+ 8.1
21	B. D.+29°1293	9	32 35.72	+ 1.06	−13.98	9 47 54.50	43.555	+11.40	+ 10.6	6 32 22.80	− 1.15	+29 3 48.4	+ 7.9
22	B. D.+27°1194	9	36 0.88	+ 1.05	−13.98	11 39 54.12	48.045	+11.40	+ 12.6	6 35 47.95	− 1.14	+27 10 4.2	+ 8.5
23	ε Geminorum	9	38 19.40	+ 1.04	**−14.00**	13 37 54.18	44.538	+11.40	+ 14.8	6 38 6.46	.....	+25 13 22.1	....
24	B. D.+23°1491	9	40 38.59	+ 1.03	−13.98	15 21 54.15	48.072	+11.40	+ 16.8	6 40 25.64	− 1.12	+23 27 59.3	+ 9.5
25	B. D.+17°1409	9	44 48.93	+ 1.01	−13.98	21 9 54.32	43.190	+11.40	+ 23.6	6 44 35.96	− 1.11	+17 41 43.9	+10.9
26	B. D.+24°1451	9	49 9.41	+ 1.04	−13.98	14 29 55.02	43.278	+11.40	+ 15.8	6 48 56.47	− 1.15	+24 21 49.0	+ 9.4
27	B. D.+26°1411	9	53 50.19	+ 1.04	−13.98	12 47 55.08	46.990	+11.40	+ 13.9	6 53 37.25	− 1.18	+26 2 26.0	+ 9.2
28	B. D.+16°1363	9	57 18.65	+ 1.00	−13.98	22 1 54.12	46.455	+11.40	+ 24.7	6 57 5.67	− 1.14	+16 48 28.4	+11.3
29	B. D.+28°1314	9	1 41.59	+ 1.06	−13.98	10 31 55.18	44.990	+11.40	+ 11.4	7 1 28.67	− 1.22	+28 19 14.4	+ 8.8
30	B. D.+30°1439	9	5 19.78	+ 1.07	−13.98	8 27 54.98	43.335	+11.40	+ 9.1	7 5 6.87	− 1.24	+30 23 54.5	+ 8.5
31	51 Geminorum	9	8 9.17	+ 1.00	−13.98	22 31 53.82	44.962	+11.40	+ 25.4	7 7 56.19	.....	+16 19 2.2	....
32	B. D.+28°1350	9	10 15.42	+ 1.06	−13.98	10 47 55.30	44.008	+11.40	+ 11.7	7 10 2.50	− 1.23	+28 3 36.1	+ 9.1
33	λ Geminorum	9	12 52.26	+ 1.00	**−13.98**	22 7 54.85	46.285	+11.40	+ 24.9	7 12 39.28	.....	+16 42 31.4	....
34	δ Geminorum	9	14 41.19	+ 1.03	**−13.95**	16 41 55.35	44.600	+11.40	+ 18.4	7 14 28.24	.....	+22 9 15.9	....
35	B. D.+18°1593	9	17 47.54	+ 1.01	−13.98	20 23 53.65	44.720	+11.40	+ 22.7	7 17 34.57	− 1.19	+18 27 10.6	+11.2
36	ι Geminorum	9	20 3.88	+ 1.06	**−13.99**	10 51 54.08	45.490	+11.40	+ 11.8	7 19 50.96	.....	+27 59 3.4	....
	February 10, M.												
37	μ Virginis	9	38 16.54	+ 0.94	**−13.96**	44 3 58.40	47.895	+11.57	+1 0.6	14 38 3.51	.....	− 5 14 44.8	....
38	109 Virginis	9	41 40.05	+ 0.96	**−14.00**	36 31 56.65	47.885	+11.57	+ 46.5	14 41 27.04	.....	+ 2 17 31.3	....
39	α Libræ	9	45 50.78	+ 0.91	**−14.03**	54 27 57.28	46.900	+11.57	+1 27.7	14 45 37.72	.....	−15 38 48.0	....
40	ξ² Libræ	9	51 50.07	+ 0.92	**−13.98**	49 51 56.25	44.280	+11.57	+1 14.3	14 51 37.02	.....	−11 1 33.7	....
41	ψ Boötis	9	0 35.40	+ 1.05	**−13.97**	11 31 52.88	45.945	+11.57	+ 12.9	15 0 22.48	.....	+27 18 52.9	....
42	ι Libræ	9	7 1.62	+ 0.89	**−13.97**	58 15 53.75	44.025	+11.57	+1 41.3	15 6 48.54	.....	−19 25 52.0	....
43	β Libræ	9	12 6.81	+ 0.93	**−13.94**	47 51 55.25	45.555	+11.57	+1 9.4	15 11 53.77	.....	− 9 1 56.9	....
	February 11, M.												
44	Sun I, N	9	37 55.38	+ 0.90	−13.95	52 37 56.78	45.300	+11.20	+1 20.5	21 37 42.33	+67.23	−13 48 3.3	....
45	Sun II, S	9	40 9.85	+ 0.90	−13.95	53 9 56.98	46.460	+11.20	+1 22.1	21 39 56.80	−67.24	−14 20 31.6	....
46	Venus I, S	9	31 52.12	+ 0.96	−13.95	34 9 56.50	47.045	+11.09	+ 41.3	0 31 39.13	+ 0.79	+ 4 39 56.3	....
47	Moon I, S	9	52 17.47	+ 1.00	−13.93	27 57 53.82	44.596	+11.11	+ 32.5	2 52 4.54	+63.17	+10 53 3.9	....
48	δ Eridani	9	38 54.96	+ 0.89	**−13.89**	48 55 55.40	44.100	+11.11	+1 10.2	3 38 41.92	.....	−10 5 24.2	....
49	η Tauri	9	42 3.43	+ 1.01	**−13.95**	15 1 54.22	46.545	+11.11	+ 16.5	3 41 50.51	.....	+23 48 34.7	....
50	γ Eridani	9	53 49.08	+ 0.88	**−13.94**	52 35 54.48	48.050	+11.11	+1 20.2	3 53 36.03	.....	−13 47 3.5	....
51	A Tauri	9	59 18.01	+ 1.00	**−13.93**	17 1 54.40	44.740	+11.11	+ 18.8	3 59 5.08	.....	+21 49 13.5	....
52	o¹ Eridani	9	7 27.01	+ 0.90	**−13.93**	45 55 55.62	44.410	+11.11	+1 3.3	4 7 13.98	.....	− 7 5 24.6	....
53	o² Eridani	9	11 7.33	+ 0.90	**−13.95**	46 37 55.28	46.825	+11.11	+1 4.9	4 10 54.30	.....	− 7 48 21.0	....
54	γ Tauri	9	14 36.56	+ 0.98	**−13.90**	23 27 52.75	43.108	+11.11	+ 26.6	4 14 23.61	.....	+15 23 44.7	....
55	δ Tauri	9	17 40.74	+ 0.98	**−13.93**	21 31 53.18	45.045	+11.11	+ 24.3	4 17 27.79	.....	+17 19 2.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 5 43	[illegible]	29.2	29.9
6 12	.....	....	29.3
6 34	30.00	28.5	28.9
6 59	.....	....	28.0
7 21	30.02	27.5	27.9
14 38	30.14	19.0	17.8
15 15	30.15	18.0	16.8
11 21 40	30.22	27.9	27.1
0 32	30.18	31.5	32.0
2 52	30.21	30.9	30.3
3 35	30.20	28.9	28.3
4 18	30.19	28.2	28.0

Micrometer bisections are made at II, VI, except as noted below.

8, 25. Bisections at II, VII.
17, 44. Bisections at I, II.
29, 42, 45. Bisections at VI, VII.
30. Bisections at II, VI, VII.
46. Bisections at I, II, VI, VII.
47. Bisections at II, III, IV, V, VI.

Notes.

8. Poor.
9. Micrometer reading decreased 1 rev.
20. Micrometer reading increased 1 rev.
52. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
44	+ 7.1	−16 14.2	...	−16 7.1
45	+ 7.1	+16 14.1	...	+16 21.2
46	+ 6.8	+ 11.9	...	+ 18.7
47	+25 33.9	+14 57.6	...	+40 31.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	February 13, Y.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon I, S.	9	35 28.49	+ 1.03	−14.01	22 43 55.08	46.846	+11.45	+ 25.8	4 35 15.51	+66.44	+16 6 17.5	....
2	ι Tauri	9	57 38.66	+ 1.02	**−13.98**	17 23 54.65	44.975	+11.36	+ 19.3	4 57 25.67	.....	+21 27 7.2	....
3	β Eridani	9	3 24.45	+ 0.94	**−14.02**	44 3 56.72	43.015	+11.34	+ 59.5	5 3 11.38	.....	− 5 12 50.2	....
4	β Orionis	9	10 12.07	+ 0.94	**−14.04**	47 9 56.12	43.125	+11.31	+1 6.3	5 9 59.00	.....	− 8 18 58.9	....
5	δ Orionis	9	27 23.01	+ 0.96	**−14.06**	39 13 56.35	42.318	+11.24	+ 50.3	5 27 9.96	.....	− 0 22 24.6	....
6	ε Orionis	9	31 37.41	+ 0.95	**−14.04**	40 5 55.00	46.485	+11.23	+ 51.9	5 31 24.35	.....	− 1 16 0.1	....
7	ζ Orionis	9	36 11.67	+ 0.95	**−13.93**	40 49 54.25	46.008	+11.21	+ 53.3	5 35 58.61	.....	− 1 59 49.8	....
8	κ Orionis	9	43 28.92	+ 0.93	**−13.97**	48 31 56.10	46.965	+11.18	+1 9.8	5 43 15.84	.....	− 9 42 30.0	....
9	Neptune C, C.	9	24 35.33	+ 1.03	−14.01	16 31 54.28	44.678	+11.02	+ 18.4	6 24 22.35	.....	+22 19 15.5	....
	February 13, Br.												
10	Mercury C, C.	9	44 29.61	+ 1.02	−14.11	58 39 54.58	45.006	+10.81	+1 43.6	20 44 16.52	− 0.02	−19 50 17.1	....
	February 14, Br.												
11	Sun I, N.	9	49 42.24	+ 1.04	−14.11	51 37 58.25	44.960	+11.14	+1 19.1	21 49 29.17	+66.89	−12 47 55.6	....
12	Sun II, S.	9	51 56.01	+ 1.04	−14.11	52 9 58.18	46.058	+11.14	+1 20.7	21 51 42.94	−66.88	−13 20 22.2	....
13	Venus I, S.	9	42 39.76	+ 1.07	−14.11	32 41 56.90	44.121	+10.85	+ 39.7	0 42 26.72	+ 0.82	+ 6 9 4.6	....
14	i Tauri	9	46 2.56	+ 1.08	−14.09	20 9 56.65	46.268	+10.63	+ 22.9	4 45 49.55	.....	+18 40 32.8	....
15	ι Aurigæ	9	51 2.04	+ 1.14	−14.10	5 49 56.88	46.135	+10.63	+ 6.4	4 50 49.08	.....	+33 0 52.7	....
16	ε Ursæ Minoris s. p.	9	55 50.94	− 0.27	−14.10	301 5 51.48	41.585	+10.63	−1 42.4	16 55 36.57	.....	+82 11 29.5	....
17	β Eridani	9	3 24.43	+ 1.03	**−14.11**	44 3 59.12	42.942	+10.63	+1 0.1	5 3 11.36	.....	− 5 12 51.1	....
18	μ Aurigæ	9	7 9.44	+ 1.16	−14.10	0 29 55.60	42.755	+10.63	+ 0.6	5 6 56.50	.....	+38 22 16.3	....
19	ο Columbæ	9	14 17.32	+ 0.95	−14.10	73 47 57.68	43.918	+10.63	+3 32.0	5 14 4.17	.....	−34 59 43.5	....
20	β Tauri	9	20 30.99	+ 1.12	**−14.11**	10 19 57.08	44.195	+10.63	+ 11.4	5 20 18.01	.....	+28 31 31.1	....
21	Moon I, S.	9	31 9.60	+ 1.11	−14.10	21 17 56.75	44.002	+10.63	+ 24.3	5 30 56.61	+68.16	+17 33 23.1	....
22	ψ¹ Draconis s. p.	9	43 48.86	+ 0.44	−14.10	291 5 50.40	44.370	+10.63	−2 39.5	17 43 35.20	.....	+72 11 35.0	....
23	α Orionis	9	50 15.61	+ 1.06	**−14.08**	31 27 56.88	44.078	+10.63	+ 38.1	5 50 2.57	.....	+ 7 23 7.4	....
24	δ Ursæ Minoris s. p.	9	2 57.94	− 1.89	−14.10	305 29 51.98	44.117	+10.63	−1 26.8	18 2 41.95	.....	+86 36 43.2	....
25	η Geminorum	8	9 22.63	+ 1.10	**−14.10**	16 19 58.48	42.890	+10.63	+ 18.3	6 9 9.63	.....	+22 31 52.9	....
26	β Canis Majoris	9	18 45.06	+ 1.00	**−14.09**	56 43 56.88	46.862	+10.63	+1 34.9	6 18 31.96	.....	−17 54 53.0	....
27	Neptune C, C.	9	24 31.11	+ 1.10	−14.10	16 31 56.82	44.412	+10.63	+ 18.5	6 24 18.11	.....	+22 19 19.4	....
28	51 Aurigæ	9	32 18.84	+ 1.16	−14.10	359 21 55.15	47.768	+10.63	− 0.6	6 32 5.90	.....	+39 28 23.5	....
29	S Monocerotis	9	35 58.86	+ 1.06	**−14.10**	28 51 57.52	45.108	+10.63	+ 34.4	6 35 45.82	.....	+ 9 58 46.9	....
30	15 Lyncis	9	49 17.92	+ 1.28	−14.10	340 17 55.72	47.522	+10.63	− 22.2	6 49 5.10	.....	+58 32 49.9	....
31	51 H. Cephei	9	56 41.33	+ 4.51	−14.10	311 39 52.50	46.663	+10.63	−1 9.7	6 56 31.74	.....	+87 11 59.9	....
32	22 Monocerotis	9	7 15.02	+ 1.04	−14.10	39 9 58.10	47.475	+10.63	+ 50.8	7 7 1.96	.....	− 0 20 24.1	....
33	λ Geminorum	9	12 52.25	+ 1.08	**−14.08**	22 7 56.60	46.272	+10.63	+ 25.4	7 12 39.23	.....	+16 42 30.2	....
	February 15, M.												
34	Sun I, S.	9	53 36.29	+ 1.01	−14.05	51 49 58.60	45.010	+11.83	+1 17.5	21 53 23.25	+66.64	−12 59 56.1	....
35	Sun II, N.	9	55 49.57	+ 1.01	−14.05	51 17 57.58	44.018	+11.83	+1 16.0	21 55 36.53	−66.64	−12 27 31.0	....
36	μ Eridani	9	40 58.63	+ 1.05	**−14.12**	42 15 57.22	46.165	+11.27	+ 57.2	4 40 45.58	.....	− 3 26 0.2	....
37	π³ Orionis	9	44 54.48	+ 1.07	**−14.09**	32 3 53.80	43.115	+11.27	+ 39.4	4 44 41.45	.....	+ 6 47 30.5	....
38	π⁵ Orionis	9	49 31.77	+ 1.06	**−14.16**	36 33 54.18	44.475	+11.27	+ 46.7	4 49 18.73	.....	+ 2 16 51.8	....
39	ι Tauri	9	57 38.63	+ 1.11	**−14.08**	17 23 54.02	44.990	+11.27	+ 19.8	4 57 25.64	.....	+21 27 7.0	....
40	β Eridani	9	3 24.39	+ 1.04	**−14.09**	44 3 56.68	42.985	+11.27	+1 1.0	5 3 11.33	.....	− 5 12 50.9	....
41	β Orionis	9	10 11.98	+ 1.04	**−14.08**	47 9 55.48	43.122	+11.27	+1 8.0	5 9 58.92	.....	− 8 18 59.7	....
42	Neptune C, C.	9	24 27.03	+ 1.11	−14.10	16 31 53.25	44.361	+10.94	+ 18.9	6 24 14.04	.....	+22 19 23.4	....
43	Moon I, N.	9	29 31.76	+ 1.13	−14.10	20 19 55.55	45.655	+10.94	+ 23.5	6 29 18.79	+69.61	+18 30 46.5	....
44	Moon S.	.	.. ..	....	.....	20 51 56.28	46.012	+10.94	+ 24.2	.. ..	.....	+17 58 37.7	....
	February 15, Y.												
45	Mercury C, C.	9	57 24.48	+ 1.09	−14.09	57 57 57.22	43.426	+11.40	+1 41.0	20 57 11.48	− 0.02	−19 7 41.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 4 33	29.55	20.0	17.8
4 52	....	....	17.2
5 16	29.565	18.2	16.8
5 49	29.575	17.8	16.1
6 29	29.58	16.7	15.1
20 44	29.97	14.3	11.0
14 21 52	29.95	18.0	14.5
0 43	29.87	20.1	19.1
4 42	29.835	17.8	17.0
5 11	....	....	16.3
5 33	29.82	16.8	16.1
6 13	....	....	15.3
6 38	....	....	15.1
7 13	29.81	15.8	15.0
15 21 56	29.875	26.6	26.1
4 41	29.99	14.4	13.3
5 10	30.00	13.8	12.4
6 26	30.03	11.9	10.9
20 57	30.21	15.5	14.1

Micrometer bisections are made at II, VI, except as noted below.

1, 21.	Bisections at II, III, IV, V, VI.
9, 10, 13, 27, 42, 45.	Bisections at I, II, VI, VII.
11, 15, 17, 34, 43.	Bisections at I, II.
12, 35, 44.	Bisections at VI, VII.
16, 24, 31.	Bisections at III, IV, V.
22, 28.	Bisections at III, V.
25.	Bisection at VI.
41.	Bisections at II, VI, VII.

Note.

2-8. Woolly.

16. Right ascension observed eye and ear.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+21 34.7	+15 19.8	...	+36 54.5
9	+ 0.1	.. ....	...	+ 0.1
10	+ 5.8	.. ....	− 0.1	+ 5.7
11	+ 7.0	−16 13.3	...	−16 6.3
12	+ 7.0	+16 13.3	...	+16 20.3
13	+ 6.7	+ 12.2	...	+ 18.9
21	+20 34.9	+15 34.4	...	+36 9.3
27	+ 0.1	.. ....	...	+ 0.1
34	+ 7.0	+16 12.5	...	+16 19.5
35	+ 6.9	−16 12.5	...	−16 5.6
42	+ 0.1	.. ....	...	+ 0.1
43	+20 1.6	−15 49.2	0.0	+ 4 12.4
44	+20 32.0	+15 49.2	...	+36 21.2
45	+ 5.7	.. ....	− 0.1	+ 5.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	February 16, Y.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N	9	57 29.44	+ 1.10	−14.09	50 57 57.62	42.128	+11.49	+1 17.4	21 57 16.45	+66.59	−12 6 48.9	....
2	Sun II, S	9	59 42.62	+ 1.10	−14.09	51 29 56.95	43.200	+11.49	+1 18.9	21 59 29.63	−66.59	−12 39 14.2	....
3	Venus I, S	9	49 44.68	+ 1.11	−14.09	31 41 57.15	47.950	+10.82	+ 38.3	0 49 31.70	+ 0.84	+ 7 7 38.2	....
4	ι Tauri	9	57 38.56	+ 1.11	**−14.02**	17 23 58.12	44.858	+10.77	+ 19.5	4 57 25.60	.....	+21 27 6.7	....
5	β Eridani	9	3 24.36	+ 1.05	**−14.09**	44 3 58.95	42.972	+10.77	+1 0.1	5 3 11.34	.....	− 5 12 51.5	....
6	μ Aurigæ	9	7 9.29	+ 1.17	−14.07	0 29 57.15	42.662	+10.77	+ 0.6	5 6 56.39	.....	+38 22 16.7	....
7	β Tauri	9	20 30.90	+ 1.13	**−14.07**	10 19 56.95	44.180	+10.77	+ 11.4	5 20 17.96	.....	+28 31 31.5	....
8	158 H¹. Cephei	9	31 47.56	+ 3.03	−14.07	313 43 53.55	43.342	+10.77	−1 4.7	5 31 36.52	.....	+85 9 9.9	....
9	ο Aurigæ	9	38 46.51	+ 1.23	−14.07	349 3 56.08	46.392	+10.77	− 11.9	5 38 33.67	.....	+49 47 5.2	....
10	ψ¹ Draconis s. p.	8	43 48.86	+ 0.43	−14.07	291 5 51.82	44.252	+10.77	−2 39.4	17 43 35.22	.....	+72 11 34.0	....
11	α Orionis	9	50 15.56	+ 1.07	**−14.08**	31 27 57.75	44.030	+10.77	+ 38.1	5 50 2.56	.....	+ 7 23 7.5	....
12	δ Ursæ Minoris s. p.	9	2 57.44	− 1.95	−14.07	305 29 52.28	44.083	+10.77	−1 26.7	18 2 41.42	.....	+86 36 42.9	....
13	η Geminorum	9	9 22.56	+ 1.11	**−14.07**	16 19 58.05	42.868	+10.77	+ 18.3	6 9 9.60	.....	+22 31 53.5	....
14	β Canis Majoris	9	18 45.01	+ 1.02	**−14.08**	56 43 57.30	46.842	+10.77	+1 34.7	6 18 31.96	.....	−17 54 52.9	....
15	Neptune C, C	9	24 23.09	+ 1.11	−14.07	16 31 57.62	43.979	+10.77	+ 18.5	6 24 10.13	.....	+22 19 28.3	....
16	51 Aurigæ	9	32 18.77	+ 1.17	−14.07	359 21 55.60	47.742	+10.77	− 0.6	6 32 5.87	.....	+39 28 23.4	....
17	S Monocerotis	9	35 58.81	+ 1.08	**−14.09**	28 51 57.50	45.092	+10.77	+ 34.3	6 35 45.82	.....	+ 9 58 47.2	....
18	ψ⁵ Aurigæ	8	40 7.86	+ 1.19	−14.07	355 11 54.48	43.060	+10.77	− 5.2	6 39 54.98	.....	+43 40 16.2	....
19	15 Lyncis	9	49 17.83	+ 1.30	−14.07	340 17 54.55	47.585	+10.77	− 22.1	6 49 5.06	.....	+58 32 49.6	....
20	51 H. Cephei	9	56 39.83	+ 4.59	−14.07	311 39 51.42	46.683	+10.77	−1 9.5	6 56 30.35	.....	+87 12 0.2	....
21	22 Monocerotis	9	7 14.96	+ 1.06	−14.07	39 9 58.08	47.482	+10.77	+ 50.7	7 7 1.95	.....	− 0 20 24.3	....
22	λ Geminorum	9	12 52.22	+ 1.09	**−14.08**	22 7 57.18	46.240	+10.77	+ 25.3	7 12 39.24	.....	+16 42 30.3	....
23	Moon I, S	9	30 0.50	+ 1.12	−14.07	21 37 54.88	45.655	+10.77	+ 24.7	7 29 47.55	+70.55	+17 12 48.0	....
	February 17, Br.												
24	β Eridani	9	3 24.54	+ 0.94	**−14.18**	44 3 58.05	43.128	+10.17	+ 57.7	5 3 11.27	.....	− 5 12 51.2	....
25	α Aurigæ	9	9 54.29	+ 1.15	−14.21	352 57 55.50	43.610	+10.17	− 7.3	5 9 41.23	.....	+45 54 5.3	....
26	ο Columbæ	9	14 17.42	+ 0.84	−14.21	73 47 57.42	44.312	+10.17	+3 23.2	5 14 4.05	.....	−34 59 43.0	....
27	β Tauri	9	20 31.12	+ 1.06	**−14.23**	10 19 55.75	44.282	+10.17	+ 10.9	5 20 17.97	.....	+28 31 31.4	....
28	158 H¹. Cephei	9	31 47.72	+ 3.35	−14.21	313 43 51.90	43.283	+10.17	−1 2.1	5 31 36.86	.....	+85 9 10.9	....
29	ο Aurigæ	9	38 46.66	+ 1.18	−14.21	349 3 54.88	46.418	+10.17	− 11.4	5 38 33.63	.....	+49 47 5.9	....
30	ψ¹ Draconis s. p.	9	43 49.43	+ 0.24	−14.21	291 5 50.65	44.032	+10.17	−2 32.9	17 43 35.46	.....	+72 11 33.8	....
31	α Orionis	9	50 15.74	+ 0.98	**−14.18**	31 27 57.02	44.142	+10.17	+ 36.5	5 50 2.51	.....	+ 7 23 7.8	....
32	66 Orionis	9	0 11.26	+ 0.97	−14.21	34 39 57.02	47.982	+10.17	+ 41.4	5 59 58.02	− 0.82	+ 4 9 35.2	+14.3
33	η Geminorum	9	9 22.73	+ 1.03	**−14.17**	16 19 56.65	42.980	+10.17	+ 17.5	6 9 9.55	.....	+22 31 53.7	....
34	β Canis Majoris	9	18 45.23	+ 0.90	**−14.20**	56 43 55.95	47.075	+10.17	+1 31.1	6 18 31.92	.....	−17 54 52.6	....
35	Neptune C, C	9	24 19.43	+ 1.03	−14.21	16 31 56.48	43.872	+10.17	+ 17.8	6 24 6.25	.....	+22 19 33.2	....
	February 17, Ei.-Y.												
36	φ Geminorum	9	47 55.44	+ 1.05	**−14.11**	11 49 55.78	46.858	+10.43	+ 12.7	7 47 42.37	.....	+27 0 30.5	....
37	B. D.+18°1778	9	49 34.62	+ 1.01	−14.12	20 29 56.05	45.852	+10.43	+ 22.5	7 49 21.51	− 1.22	+18 20 43.5	+11.6
38	B. D.+21°1730	9	53 33.58	+ 1.02	−14.12	17 25 55.30	46.900	+10.43	+ 18.9	7 53 20.48	− 1.24	+21 24 23.8	+11.0
39	B. D.+16°1612	9	56 19.83	+ 1.01	−14.12	22 7 55.80	45.520	+10.43	+ 24.5	7 56 6.72	− 1.23	+16 42 49.3	+11.9
40	χ Geminorum	9	57 55.52	+ 1.05	**−14.12**	10 47 55.40	44.440	+10.43	+ 11.5	7 57 42.45	.....	+28 3 27.3	....
41	B. D.+18°1839	9	0 9.36	+ 1.01	−14.12	20 57 54.98	44.420	+10.43	+ 23.1	7 59 56.25	− 1.24	+17 53 16.6	+11.7
42	B. D.+25°1854	9	2 50.56	+ 1.04	−14.12	13 1 55.15	44.180	+10.43	+ 14.0	8 2 37.48	− 1.27	+25 49 31.0	+10.3
43	B. D.+15°1775	8	5 53.11	+ 1.00	−14.12	23 55 55.02	46.518	+10.43	+ 26.7	8 5 39.99	− 1.24	+14 54 25.1	+12.3
44	B. D.+13°1868	9	9 18.59	+ 1.00	−14.12	25 29 54.92	47.700	+10.43	+ 28.7	8 9 5.47	− 1.25	+13 19 56.2	+12.5
45	β Cancri	9	11 36.30	+ 0.98	**−14.15**	29 21 54.85	46.055	+10.43	+ 33.8	8 11 23.16	.....	+ 9 28 28.8	....
46	B. D.+25°1903	9	15 13.59	+ 1.04	−14.12	13 11 54.62	48.298	+10.43	+ 14.2	8 15 0.51	− 1.29	+25 37 57.3	+10.5
47	d¹ Cancri	9	18 9.97	+ 1.01	−14.12	20 11 54.82	47.712	+10.43	+ 22.2	8 17 56.86	.....	+18 38 2.5	....
48	B. D.+19°2012	9	21 51.32	+ 1.02	−14.12	19 15 55.38	48.495	+10.43	+ 21.1	8 21 38.22	− 1.28	+19 33 45.1	+11.6
49	B. D.+24°1940	9	26 8.00	+ 1.04	−14.12	14 25 55.85	48.325	+10.43	+ 15.5	8 25 54.92	− 1.30	+24 23 53.8	+10.9
50	η Cancri	9	27 27.49	+ 1.02	**−14.19**	18 5 54.45	43.658	+10.43	+ 19.7	8 27 14.39	.....	+20 45 38.0	....
51	B. D.+20°2118	9	30 6.26	+ 1.02	−14.12	18 55 55.45	45.748	+10.43	+ 20.7	8 29 53.16	− 1.29	+19 54 48.2	+11.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 22 0	30.18	18.4	18.8
0 50	30.115	21.1	21.2
4 54	30.055	20.6	20.1
5 18	......	....	19.9
5 54	30.04	20.0	19.4
6 22	......	....	19.3
6 44	30.025	19.8	19.3
7 11	......	....	19.5
7 37	30.01	20.0	19.6
17 5 3	29.78	33.6	34.9
5 17	......	....	34.9
5 45	......	....	34.8
5 55	29.78	33.0	....
6 24	29.79	32.1	33.7
7 46	29.81	31.0	32.0
8 7	......	....	[illegible]

Micrometer bisections are made at II, VI, except as noted below.

1, 49.	Bisections at I, II.
2, 23.	Bisections at VI, VII.
3, 15, 35.	Bisections at I, II, VI, VII.
8, 12, 20, 28, 30.	Bisections at III, IV, V.
9, 10, 18, 19, 25, 29.	Bisections at III, V.
40, 42, 45, 46, 51.	Bisections at II, VII.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.9	−16 12.6	...	−16 5.7
2	+ 6.9	+16 12.7	...	+16 19.6
3	+ 6.7	+ 12.5	...	+ 19.2
15	+ 0.1	.. ....	...	+ 0.1
23	+21 36.6	+16 6.5	− 0.7	+37 42.4
35	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon I, N.	9	31 40.39	+ 1.03	−14.12	23 5 55.88	44.305	+10.43	+ 25.7	8 31 27.30	+70.87	+15 45 13.1	....
2	Moon S.	9	.. ..	....	.....	23 37 55.10	47.608	+10.43	+ 26.4	.. ..	.....	+15 12 2.8	....
3	B. D.+18°2022.	9	37 58.68	+ 1.01	−14.12	20 21 54.68	44.492	+10.43	+ 22.4	8 37 45.57	− 1.30	+18 29 16.0	+12.9
4	δ Cancri.	9	39 31.69	+ 1.01	**−14.11**	20 19 54.30	47.840	+10.43	+ 22.3	8 39 18.58	.....	+18 30 0.0	....
5	B. D.+14°1971.	9	41 9.93	+ 1.00	−14.12	24 25 54.25	46.850	+10.43	+ 27.4	8 40 56.81	− 1.30	+14 24 17.5	+12.4
6	B. D.+15°1917.	9	45 58.55	+ 1.00	−14.12	23 7 55.18	47.758	+10.43	+ 25.7	8 45 45.43	− 1.30	+15 41 57.6	+12.2
7	B. D.+17°1973.	9	50 16.34	+ 1.01	−14.12	21 15 53.92	44.235	+10.43	+ 23.4	8 50 3.23	− 1.31	+17 35 21.6	+12.0
8	B. D.+21°1952.	9	53 43.09	+ 1.02	−14.12	17 17 56.58	48.198	+10.43	+ 18.8	8 53 29.99	− 1.32	+21 31 53.0	+11.6
9	B. D.+23°2035.	9	58 9.20	+ 1.03	−14.12	15 51 54.50	45.472	+10.43	+ 17.1	8 57 56.11	− 1.32	+22 58 59.1	+11.4
10	B. D.+15°1977.	9	1 19.86	+ 1.00	−14.12	23 11 54.38	44.845	+10.43	+ 25.8	9 1 6.74	− 1.32	+15 39 4.8	+12.2
11	ξ Cancri.	9	4 8.42	+ 1.03	−14.12	16 25 55.70	43.850	+10.43	+ 17.8	9 3 55.33	− 1.32	+22 25 34.2	+11.5
12	B. D.+18°2138.	9	6 51.29	+ 1.01	−14.12	20 25 54.45	43.112	+10.43	+ 22.5	9 6 38.18	− 1.32	+18 25 47.7	+11.9
13	θ Hydræ.	9	9 39.93	+ 0.96	**−14.13**	36 7 56.25	45.015	+10.43	+ 44.0	9 9 26.77	.....	+ 2 42 40.9	....
14	B. D.+19°2187.	9	11 21.71	+ 1.02	−14.12	19 37 54.40	47.450	+10.43	+ 21.5	9 11 8.61	− 1.32	+19 12 9.6	+11.9
15	B. D.+10°1972.	9	14 38.55	+ 0.99	−14.12	28 39 56.12	44.155	+10.43	+ 32.9	9 14 25.42	− 1.33	+10 11 11.8	+12.6
16	B. D.+11°2027.	9	18 47.61	+ 0.99	−14.12	27 21 55.32	47.515	+10.43	+ 31.2	9 18 34.48	− 1.33	+11 27 57.5	+12.4
17	B. D.+13°2096.	9	23 38.81	+ 0.99	−14.12	26 1 54.90	48.132	+10.43	+ 29.5	9 23 25.68	− 1.33	+12 47 45.5	+12.3
18	B. D.+23°2107.	9	26 32.58	+ 1.03	−14.12	15 27 55.92	45.360	+10.43	+ 16.7	9 26 19.49	− 1.32	+23 23 0.6	+11.6
19	B. D.+13°2117.	9	30 4.90	+ 1.00	−14.12	25 45 54.00	46.350	+10.43	+ 29.1	9 29 51.78	− 1.33	+13 4 27.5	+12.3
20	B. D.+18°2232.	9	33 3.36	+ 1.01	−14.12	21 3 54.42	45.638	+10.43	+ 23.3	9 32 50.25	− 1.32	+17 46 49.2	+12.0
21	B. D.+ 9°2226.	9	36 25.39	+ 0.98	−14.12	29 25 55.45	43.448	+10.43	+ 34.0	9 36 12.25	− 1.34	+ 9 25 27.5	+12.4
22	B. D.+ 7°2181.	9	41 23.95	+ 0.98	−14.12	31 41 54.82	45.548	+10.43	+ 37.3	9 41 10.81	− 1.35	+ 7 8 36.8	+12.3
23	μ Leonis.	9	47 36.21	+ 1.05	**−14.18**	12 23 54.62	45.440	+10.43	+ 13.3	9 47 23.14	.....	+26 27 3.1	....
24	B. D.+11°2117.	9	48 29.89	+ 0.99	−14.12	27 13 56.58	45.040	+10.43	+ 31.1	9 48 16.76	− 1.33	+11 36 52.9	+12.1
25	B. D.+19°2284.	8	52 22.38	+ 1.02	−14.12	19 5 55.45	47.152	+10.43	+ 20.9	9 52 9.28	− 1.31	+19 44 15.9	+11.9
26	π Leonis.	9	55 26.18	+ 0.98	**−14.15**	30 19 56.48	47.735	+10.43	+ 35.4	9 55 13.04	.....	+ 8 29 47.1	....
27	B. D.+19°2297.	8	58 54.81	+ 1.02	−14.12	19 25 54.75	46.535	+10.43	+ 21.3	9 58 41.71	− 1.31	+19 24 30.3	+11.9
28	η Leonis.	9	2 23.73	+ 1.01	**−14.19**	21 35 54.22	49.455	+10.43	+ 24.0	10 2 10.62	.....	+17 13 21.1	....
29	α Leonis.	9	3 33.37	+ 0.99	**−14.16**	26 23 55.35	48.285	+10.43	+ 30.0	10 3 20.24	.....	+12 25 41.1	....
	February 17, M.												
30	τ Virginis.	9	57 2.52	+ 0.96	**−14.11**	36 49 53.40	46.448	+10.62	+ 46.0	13 56 49.36	.....	+ 2 0 8.9	....
31	94 Virginis.	9	1 29.81	+ 0.94	−14.12	47 15 54.95	46.790	+10.62	+1 6.4	14 1 16.63	.....	− 8 26 20.6	....
32	d Boötis.	9	6 17.53	+ 1.04	**−14.06**	13 17 53.58	47.418	+10.62	+ 14.6	14 6 4.45	.....	+25 32 17.8	....
33	ι Virginis.	9	11 15.74	+ 0.94	**−14.08**	44 23 54.70	43.253	+10.62	+1 0.1	14 11 2.56	.....	− 5 32 53.4	....
34	3 G. Libræ.	9	19 37.26	+ 0.88	−14.12	63 11 53.45	44.648	+10.62	+2 1.4	14 19 24.02	− 0.86	−24 22 25.4	− 5.2
35	g Boötis.	9	25 32.65	+ 1.18	−14.12	348 35 55.00	44.230	+10.62	− 12.3	14 25 19.71	− 0.23	+50 15 56.0	+13.9
36	σ Boötis.	9	30 46.01	+ 1.06	−14.12	8 41 52.32	45.202	+10.62	+ 9.5	14 30 32.95	− 0.32	+30 9 14.8	+10.6
37	118 H^1. Cassiopeiæ s. p.	9	36 52.32	+ 0.39	−14.12	286 19 54.35	46.100	+ 9.43	−3 26.6	2 36 38.59	− 0.23	+67 25 30.3	− 9.5
38	Piazzi 166.	9	41 1.34	+ 0.90	−14.12	59 35 53.30	45.187	+10.62	+1 44.9	14 40 48.12	− 0.68	−20 46 21.2	− 4.9
39	ξ Boötis (*brighter*).	9	47 13.72	+ 1.01	−14.12	19 21 53.05	43.785	+10.62	+ 21.7	14 47 0.61	− 0.31	+19 29 34.3	+ 7.7
40	Mars I, C.	9	55 51.72	+ 0.92	−14.12	53 45 53.45	44.372	+10.62	+1 24.2	14 55 38.52	+ 0.32	−14 55 41.9	....
41	Mars II.	9	55 52.42	+ 0.92	−14.12	... .	......	.....	....	14 55 39.22	− 0.38	.. ..	....
42	β Libræ.	8	12 7.22	+ 0.94	**−14.15**	47 51 55.88	45.675	+10.62	+1 8.3	15 11 54.04	.....	− 9 1 58.3	....
43	β Coronæ Borealis.	9	24 7.77	+ 1.06	**−14.02**	9 25 53.55	43.685	+10.62	+ 10.3	15 23 54.71	.....	+29 25 47.4	....
44	θ Coronæ Borealis.	9	29 18.99	+ 1.07	−14.12	7 9 52.70	47.000	+10.62	+ 7.9	15 29 5.94	0.00	+31 40 34.9	+ 9.8
45	φ Boötis.	9	34 37.75	+ 1.11	−14.12	358 11 52.38	44.925	+10.62	− 1.9	15 34 24.74	+ 0.11	+40 39 32.4	+11.5
46	γ Coronæ Borealis.	9	38 58.17	+ 1.04	−14.12	12 15 53.60	44.008	+10.62	+ 13.5	15 38 45.09	+ 0.02	+26 35 36.8	+ 8.4
47	12 H. Draconis.	9	45 25.12	+ 1.31	−14.12	335 57 50.80	46.655	+10.62	− 27.5	15 45 12.31	+ 0.56	+62 53 19.9	+13.7
48	π Scorpii.	9	53 19.71	+ 0.88	−14.12	64 39 54.40	44.080	+10.62	+2 10.5	15 53 6.47	− 0.25	−25 50 22.1	− 8.9
49	β^1 Scorpii.	9	0 8.03	+ 0.90	**−14.10**	58 21 53.42	46.200	+10.62	+1 40.6	15 59 54.81	.....	−19 32 40.1	....
	February 18, M.												
50	Sun I, N.	9	5 14.04	+ 0.93	−14.12	50 15 56.90	42.480	+10.81	+1 13.4	22 5 0.85	+66.35	−11 24 51.5	....
51	Sun II, S.	9	7 26.74	+ 0.93	−14.12	50 47 56.45	43.545	+10.81	+1 14.8	22 7 13.55	−66.35	−11 57 16.8	....
52	Venus I, S.	9	56 43.82	+ 0.98	−14.12	30 45 53.50	43.582	+11.36	+ 36.1	0 56 30.68	+ 0.86	+ 8 5 23.4	....
	February 18, Ei.-M.												
53	α Orionis.	9	50 15.69	+ 0.98	**−14.15**	31 27 52.42	44.250	+10.52	+ 37.7	5 50 2.54	.....	+ 7 23 8.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 8 35	29.83	31.0	32.2
8 55	......	....	32.1
9 15	29.84	30.8	31.3
9 43	......	....	31.0
10 5	29.86	29.9	30.7
13 57	29.93	24.8	24.0
14 18	......	....	23.2
14 59	29.98	22.9	21.7
15 24	......	....	21.4
16 0	30.00	21.2	20.1
18 22 7	30.105	30.2	28.9
0 57	30.00	31.9	30.8
5 48	30.21	26.6	27.3

Micrometer bisections are made at II, VI, except as noted below.

1, 23, 28, 50.	Bisections at I, II.
2, 31, 48, 51.	Bisections at VI, VII.
33.	Bisections at II, VI, VII.
34, 40, 52.	Bisections at I, II, VI, VII.
37.	Bisections at III, IV, V.
38, 42, 49.	Bisections at I, II, VI.

Notes.

30–49.	Conditions poor.
37.	Two microscopes used.
39.	Assumed that brighter was observed.
44.	Micrometer reading increased 1 rev.
53.	Poor and quite unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+23 20.4	−16 19.8	...	+ 7 0.6
2	+23 52.2	+16 19.8	− 1.1	+40 10.9
40	+ 6.4	.. ....	+ 0.0	+ 6.4
50	+ 6.8	−16 12.6	...	−16 5.8
51	+ 6.9	+16 12.6	...	+16 19.5
52	+ 6.7	+ 12.8	...	+ 19.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	1 Geminorum	9	58 34.69	+ 1.04	**−14.09**	15 35 52.82	42.965	+10.52	+ 17.2	5 58 21.60	.....	+23 15 57.9	....
2	B. D.+27°994	9	2 15.11	+ 1.06	−14.13	11 23 52.75	47.318	+10.52	+ 12.5	6 2 2.04	− 0.93	+27 26 23.1	+ 7.3
3	B. D.+18°1112	9	5 42.30	+ 1.02	−14.13	20 41 52.75	45.760	+10.52	+ 23.3	6 5 29.19	− 0.88	+18 8 47.6	+10.2
4	B. D.+16°1035	9	6 48.63	+ 1.01	−14.13	22 41 52.48	45.268	+10.52	+ 25.8	6 6 35.51	− 0.88	+16 8 57.0	+10.8
5	B. D.+27°1036	9	10 9.80	+ 1.06	−14.13	10 57 53.35	44.708	+10.52	+ 12.0	6 9 56.73	− 0.96	+27 53 22.7	+ 7.3
6	B. D.+23°1293	9	13 21.18	+ 1.04	−14.13	15 11 53.32	47.432	+10.52	+ 16.8	6 13 8.09	− 0.94	+23 38 15.7	+ 8.7
7	B. D.+25°1255	9	19 6.71	+ 1.05	−14.13	13 45 52.40	43.550	+10.52	+ 15.1	6 18 53.63	− 0.98	+25 5 47.0	+ 8.4
8	B. D.+23°1362	9	22 25.50	+ 1.04	−14.13	15 7 53.10	44.352	+10.52	+ 16.7	6 22 12.41	− 0.98	+23 43 26.1	+ 8.8
9	Neptune C, C	9	24 15.66	+ 1.04	−14.13	16 31 52.98	43.771	+10.52	+ 18.3	6 24 2.57	.....	+22 19 38.1	....
10	B. D.+17°1275	9	25 53.76	+ 1.01	−14.13	21 49 52.70	47.495	+10.52	+ 24.8	6 25 40.64	− 0.95	+17 0 6.9	+10.8
11	B. D.+19°1391	9	29 17.06	+ 1.02	−14.13	19 19 53.65	47.985	+10.52	+ 21.7	6 29 3.95	− 0.98	+19 29 57.8	+10.2
12	γ Geminorum	9	32 27.61	+ 1.01	**−14.16**	22 21 52.28	46.085	+10.52	+ 25.4	6 32 14.49	.....	+16 28 38.9	....
13	B. D.+28°1207	9	35 35.86	+ 1.06	−14.13	10 33 53.45	45.912	+10.52	+ 11.6	6 35 22.79	− 1.06	+28 16 55.5	+ 7.8
14	ε Geminorum	9	38 19.49	+ 1.05	**−14.20**	13 37 52.20	44.655	+10.52	+ 15.0	6 38 6.41	.....	+25 13 22.0	....
15	B. D.+19°1460	9	39 30.41	+ 1.02	−14.13	19 13 52.08	44.668	+10.52	+ 21.6	6 39 17.30	− 1.02	+19 37 15.3	+10.3
16	B. D.+16°1298	9	44 35.94	+ 1.01	−14.13	22 31 52.70	46.530	+10.52	+ 25.7	6 44 22.82	− 1.02	+16 18 28.0	+11.3
17	B. D.+21°1426	9	48 55.34	+ 1.03	−14.13	17 33 52.90	46.315	+10.52	+ 19.6	6 48 42.24	− 1.06	+21 16 38.8	+10.0
18	B. D.+19°1559	9	53 11.04	+ 1.02	−14.13	19 29 52.42	45.900	+10.52	+ 21.9	6 52 57.93	− 1.06	+19 20 46.5	+10.6
19	B. D.+17°1479	9	57 8.21	+ 1.02	−14.13	20 57 53.45	44.525	+10.52	+ 23.7	6 56 55.10	− 1.07	+17 53 15.1	+11.0
20	B. D.+26°1453	9	0 27.39	+ 1.05	−14.13	12 53 51.55	43.642	+10.52	+ 14.2	7 0 14.31	− 1.12	+25 57 46.6	+ 9.0
21	B. D.+21°1528	9	4 42.69	+ 1.03	−14.13	17 25 53.38	46.528	+10.52	+ 19.5	7 4 29.59	− 1.11	+21 24 33.6	+10.2
22	B. D.+15°1504 (*north*)	9	7 37.41	+ 1.01	−14.13	23 29 52.35	47.550	+10.52	+ 26.9	7 7 24.29	− 1.09	+15 20 3.9	+11.8
23	B. D.+22°1620	9	10 7.14	+ 1.03	−14.13	16 43 53.00	43.535	+10.52	+ 18.6	7 9 54.04	− 1.13	+22 7 43.2	+10.1
24	λ Geminorum	9	12 52.30	+ 1.01	**−14.10**	22 7 52.70	46.408	+10.52	+ 25.2	7 12 39.18	.....	+16 42 31.3	....
25	B. D.+25°1644	9	15 27.97	+ 1.05	−14.13	12 59 53.52	46.702	+10.52	+ 14.3	7 15 14.89	− 1.16	+25 50 34.6	+ 9.3
26	B. D.+26°1547	9	19 11.09	+ 1.05	−14.13	12 1 54.02	46.740	+10.52	+ 13.2	7 18 58.01	− 1.18	+26 48 34.4	+ 9.2
27	B. D.+19°1734	9	22 31.26	+ 1.02	−14.13	19 35 52.85	47.645	+10.52	+ 22.1	7 22 18.15	− 1.15	+19 14 6.0	+11.0
28	B. D.+17°1596	9	26 34.08	+ 1.01	−14.13	21 33 52.62	44.918	+10.52	+ 24.5	7 26 20.96	− 1.15	+17 17 6.1	+11.5
29	υ Geminorum	9	30 18.56	+ 1.05	−14.13	11 43 53.55	47.622	+10.52	+ 12.9	7 30 5.48	− 1.21	+27 6 15.0	+ 9.3
30	B. D.+19°1794	9	35 5.78	+ 1.02	−14.13	19 15 53.20	46.722	+10.52	+ 22.2	7 34 52.67	− 1.18	+19 34 26.6	+11.1
31	κ Geminorum	9	38 57.11	+ 1.04	**−14.06**	14 13 52.62	44.552	+10.52	+ 15.8	7 38 44.02	.....	+24 37 23.2	....
32	B. D.+23°1812	9	43 7.19	+ 1.04	−14.13	15 27 54.00	47.052	+10.52	+ 17.2	7 42 54.10	− 1.22	+23 22 23.3	+10.4
33	φ Geminorum	9	47 55.41	+ 1.05	**−14.09**	11 49 53.05	46.892	+10.52	+ 13.0	7 47 42.33	.....	+27 0 32.1	....
34	B. D.+26°1684	9	51 15.08	+ 1.05	−14.13	12 29 53.20	44.952	+10.52	+ 13.8	7 51 2.00	− 1.25	+26 21 15.5	+ 9.9
35	B. D.+23°1866	9	55 34.81	+ 1.04	−14.13	14 59 53.70	46.888	+10.52	+ 16.7	7 55 21.72	− 1.25	+23 50 27.8	+10.5
36	B. D.+21°1753	9	59 8.31	+ 1.02	−14.13	17 33 53.58	47.100	+10.52	+ 19.7	7 58 55.20	− 1.24	+21 16 20.1	+11.0
37	B. D.+24°1863	9	2 24.88	+ 1.04	−14.13	14 33 53.38	44.455	+10.52	+ 16.2	8 2 11.79	− 1.26	+24 17 23.9	+10.5
38	B. D.+14°1831	9	3 38.34	+ 1.00	−14.13	24 55 53.28	45.380	+10.52	+ 28.9	8 3 25.21	− 1.24	+13 54 50.5	+12.4
39	B. D.+22°1886	9	8 29.09	+ 1.03	−14.13	16 17 52.90	43.480	+10.52	+ 18.2	8 8 15.99	− 1.26	+22 33 45.0	+10.9
40	β Cancri	9	11 36.32	+ 0.99	**−14.18**	29 21 53.52	46.040	+10.52	+ 34.9	8 11 23.18	.....	+ 9 28 29.2	....
41	B. D.+19°1979	9	14 46.54	+ 1.02	−14.13	19 5 52.45	45.658	+10.52	+ 21.5	8 14 33.43	− 1.27	+19 44 52.4	+11.5
42	B. D.+14°1879	9	16 50.46	+ 1.00	−14.13	24 55 53.20	44.000	+10.52	+ 28.9	8 16 37.33	− 1.26	+13 55 22.1	+12.4
43	B. D.+25°1920 (*south*)	9	21 15.30	+ 1.04	−14.13	13 59 52.80	46.610	+10.52	+ 15.5	8 21 2.21	− 1.29	+24 50 36.3	+10.7
44	B. D.+24°1931	9	23 13.34	+ 1.04	−14.13	14 23 53.68	44.390	+10.52	+ 16.0	8 23 0.25	− 1.29	+24 27 25.6	+10.8
45	B. D.+24°1946	9	27 37.69	+ 1.04	−14.13	14 25 54.28	47.352	+10.52	+ 16.1	8 27 24.60	− 1.30	+24 24 17.2	+10.8
46	B. D.+19°2053	9	32 34.53	+ 1.02	−14.13	19 15 53.28	43.395	+10.52	+ 21.8	8 32 21.42	− 1.29	+19 35 43.0	+11.6
47	B. D.+20°2150	9	34 38.21	+ 1.02	−14.13	18 57 54.72	46.930	+10.52	+ 21.4	8 34 25.10	− 1.29	+19 52 20.9	+11.6
48	B. D.+20°2171	9	35 14.59	+ 1.02	−14.13	18 57 54.72	46.168	+10.52	+ 21.4	8 35 1.48	− 1.29	+19 52 38.8	+11.6
49	γ Cancri	9	38 1.80	+ 1.02	**−14.08**	17 1 54.08	46.885	+10.52	+ 19.1	8 37 48.69	.....	+21 48 25.1	....
50	δ Cancri	9	39 31.75	+ 1.01	**−14.17**	20 19 53.42	47.815	+10.52	+ 23.1	8 39 18.63	.....	+18 30 0.5	....
51	Moon I, N.	9	33 30.70	+ 1.02	−14.13	26 17 55.40	41.135	+10.52	+ 30.7	9 33 17.59	+70.66	+12 34 20.0	....
52	Moon S.	.	.. ..	....	.....	26 49 54.45	45.540	+10.52	+ 31.5	.. ..	.....	+12 0 46.4	....
	February 20, Br.												
53	Moon II, S.	9	37 17.27	+ 0.91	−14.26	35 43 55.60	47.354	+11.78	+ 43.4	11 37 3.92	−69.54	+ 3 5 47.2	....
54	ρ Virginis	9	37 18.99	+ 0.92	**−14.26**	28 5 56.42	43.690	+11.78	+ 32.2	12 37 5.65	.....	+10 45 21.7	....
55	35 Virginis	9	43 15.67	+ 0.90	**−14.33**	34 43 56.38	48.638	+11.78	+ 41.9	12 43 2.31	.....	+ 4 5 18.8	....
56	31 Comæ Berenices	.	.. ..	....	.....	10 47 55.38	44.998	+11.78	+ 11.6	12 47	.....	+28 3 13.2	....
57	δ Virginis	.	.. ..	....	.....	34 55 55.80	45.110	+11.78	+ 42.2	12 50	.....	+ 3 54 39.9	....
58	θ Virginis	9	5 16.26	+ 0.87	**−14.25**	43 51 55.82	46.228	+11.78	+ 58.0	13 5 2.87	.....	− 5 2 2.0	....
59	43 Comæ Berenices	9	7 40.62	+ 0.98	**−14.28**	10 29 55.25	44.718	+11.78	+ 11.2	13 7 27.34	.....	+28 21 20.3	....
60	α Virginis	9	20 25.76	+ 0.85	**−14.29**	49 29 56.42	45.615	+11.78	+1 10.6	13 20 12.35	.....	−10 40 0.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 6 19	. .	....	26.3
6 46	30.23	25.6	26.0
7 44	[illegible]	24.4	24.6
8 15	......	....	23.8
8 41	30.26	23.0	[illegible]
9 34	30.265	21.8	23.2
20 11 38	29.965	32.5	32.9
12 32	29.95	32.0	32.0
13 5	......	....	31.8

Micrometer bisections are made at II, VI, except as noted below.

3, 8, 37, 47, 51, 58.	Bisections at I, II.
9.	Bisections at I, II, VI, VII.
18, 20, 29, 43.	Bisections at II, VII.
48, 52, 54, 57, 59.	Bisections at VI, VII.
53.	Bisections at II, III, IV, V, VI.

Notes.

1.	Unsteady.
6, 10, 12.	Image poor.
54-60.	Clouds; conditions poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+ 0.1	.. ....	...	+ 0.1
51	+26 39.4	−16 31.0	...	+10 8.4
52	+27 11.2	+16 31.0	− 0.2	+43 42.0
53	+35 30.2	+16 39.2	...	+52 9.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Virginis	9	30 5.42	+ 0.88	**−14.29**	38 55 55.12	48.530	+11.78	+ 48.8	13 29 52.04	.....	− 0 6 44.4	....
2	m Virginis	9	36 51.81	+ 0.86	**−14.23**	47 3 55.90	44.545	+11.78	+1 4.9	13 36 38.41	.....	− 8 13 30.2	....
3	η Boötis	9	50 23.71	+ 0.94	**−14.25**	19 57 54.80	47.152	+11.78	+ 22.0	13 50 10.39	.....	+18 52 14.4	....
4	τ Virginis	9	57 2.77	+ 0.89	**−14.22**	36 49 55.28	46.405	+11.78	+ 45.3	13 56 49.40	.....	+ 2 0 7.5	....
5	d Boötis	9	6 17.81	+ 0.97	**−14.18**	13 17 55.28	47.310	+11.78	+ 14.3	14 6 4.52	.....	+25 32 17.7	....
6	Mars I, C	9	0 11.60	+ 0.84	−14.26	54 3 55.32	46.945	+11.78	+1 23.0	14 59 58.18	+ 0.34	−15 14 42.5	....
7	Mars II	9	0 12.36	+ 0.84	−14.26	... .	......	.....	. ....	14 59 58.94	− 0.42	.. ..	....
	February 21, Br.												
8	Sun I, S	9	16 45.63	+ 0.86	−14.27	49 41 54.88	48.288	+12.92	+1 10.0	22 16 32.22	+66.10	−10 53 0.9	....
9	Sun II, N	9	18 57.84	+ 0.86	−14.27	49 9 57.12	47.365	+12.92	+1 8.7	22 18 44.43	−66.11	−10 20 40.8	....
	February 23, Br.												
10	Moon II, S	9	33 11.77	+ 0.80	−14.31	49 59 55.52	43.280	+12.46	+1 11.5	14 32 58.26	−68.71	−11 9 8.3	....
11	109 Virginis	8	41 40.84	+ 0.83	**−14.30**	36 33 55.55	42.820	+12.46	+ 44.5	14 41 27.36	.....	+ 2 17 29.3	....
12	2 H. Ursæ Minoris	9	56 17.53	+ 1.34	−14.31	332 33 51.20	43.918	+12.46	− 31.0	14 56 4.56	− 0.18	+66 18 23.9	+14.4
13	i Boötis (*fol.*)	8	0 53.21	+ 1.08	−14.31	350 49 53.28	46.038	+12.46	− 9.6	15 0 39.98	− 0.25	+48 1 12.1	+13.2
14	Mars I, C	9	4 20.18	+ 0.76	−14.31	54 21 54.60	46.706	+12.46	+1 23.7	15 4 6.63	+ 0.31	−15 32 37.7	....
15	Mars II	9	4 20.87	+ 0.76	−14.31	... .	......	.....	. ....	15 4 7.32	− 0.38	.. ..	....
16	o² Libræ	9	17 57.88	+ 0.77	−14.31	53 37 55.80	44.320	+12.46	+1 21.5	15 17 44.34	.....	−14 47 42.2	....
17	β Coronæ Borealis	9	24 8.36	+ 0.95	**−14.31**	9 25 55.12	43.608	+12.46	+ 10.0	15 23 55.00	.....	+29 25 46.1	....
18	ν² Boötis	9	28 36.41	+ 1.02	−14.31	357 37 53.32	46.085	+12.46	− 2.4	15 28 23.12	− 0.13	+41 13 3.7	+11.9
19	B. D.+43°2510	9	32 7.98	+ 1.04	−14.31	355 21 52.18	47.190	+12.46	− 4.8	15 31 54.71	− 0.10	+43 28 42.0	+12.2
20	13 H¹. Camelopardalis s. p.	8	37 15.62	+ 0.21	−14.31	285 49 50.28	43.313	+12.46	−3 28.0	3 37 1.52	− 0.52	+66 54 24.2	− 8.2
21	β Serpentis	9	42 1.85	+ 0.88	**−14.28**	23 7 54.90	44.960	+12.46	+ 25.7	15 41 48.42	.....	+15 42 59.8	....
22	γ Serpentis	9	52 17.49	+ 0.88	**−14.30**	22 51 54.00	47.195	+12.46	+ 25.4	15 52 4.06	.....	+15 58 9.6	....
23	66 H¹. Draconis	9	55 45.19	+ 1.15	−14.31	343 49 51.98	47.365	+12.46	− 17.3	15 55 32.03	+ 0.17	+55 0 50.7	+13.2
24	151 H¹. Cephei s. p.	9	6 52.72	− 2.10	−14.31	304 9 50.35	48.797	+12.46	−1 28.0	4 6 36.31	.....	+85 18 29.3	....
25	ε Ophiuchi	9	13 31.36	+ 0.80	**−14.35**	43 17 56.25	45.412	+12.46	+ 56.7	16 13 17.85	.....	− 4 27 42.9	....
26	ξ Coronæ Borealis	9	18 37.02	+ 0.96	−14.31	7 43 55.12	46.942	+12.46	+ 8.2	16 18 23.67	+ 0.06	+31 6 31.7	+ 9.1
27	β Herculis	9	26 21.51	+ 0.91	**−14.33**	17 9 55.75	43.598	+12.46	+ 18.6	16 26 8.11	.....	+21 41 37.1	....
28	Mercury C, C	9	50 4.66	+ 0.77	−14.34	54 13 55.62	43.199	+12.76	+1 22.1	21 49 51.09	− 0.01	−15 23 17.3	....
	February 24, Br.												
29	Sun I, N	8	28 11.35	+ 0.80	−14.34	48 5 56.05	42.995	+12.76	+1 5.8	22 27 57.81	+65.86	− 9 14 56.7	....
30	Sun II, S	9	30 23.07	+ 0.80	−14.34	48 37 56.28	43.848	+12.76	+1 7.1	22 30 9.53	−65.86	− 9 47 17.9	....
31	Venus I, S	9	17 3.01	+ 0.85	−14.35	27 57 57.98	44.666	+10.22	+ 31.3	1 16 49.51	+ 0.92	+10 53 0.0	....
	February 24, Ei.-Y.												
32	ι Tauri	9	57 38.84	+ 0.93	**−14.27**	17 23 56.48	44.960	+10.28	+ 18.6	4 57 25.49	.....	+21 27 7.5	....
33	11 Orionis	9	59 22.24	+ 0.90	**−14.28**	23 33 53.98	47.330	+10.28	+ 25.9	4 59 8.86	.....	+15 16 8.5	....
34	B. D.+16°775	9	20 50.20	+ 0.90	−14.28	22 13 55.18	45.675	+10.28	+ 24.3	5 20 36.82	− 0.57	+16 36 46.7	+ 9.9
35	B. D.+17°931	9	22 44.67	+ 0.90	−14.28	21 41 55.00	43.962	+10.28	+ 23.6	5 22 31.29	− 0.58	+17 9 26.7	+ 9.8
36	B. D.+26°835	9	26 45.63	+ 0.96	−14.28	11 55 55.52	46.710	+10.28	+ 12.6	5 26 32.31	− 0.66	+26 54 34.4	+ 6.5
37	B. D.+27°806	9	30 11.73	+ 0.97	−14.28	11 15 56.10	43.195	+10.28	+ 11.9	5 29 58.42	− 0.68	+27 35 54.8	+ 6.3
38	B. D.+30°963	9	32 46.04	+ 0.99	−14.28	8 25 56.00	42.940	+10.28	+ 8.8	5 32 32.75	− 0.72	+30 26 3.9	+ 5.4
39	B. D.+22°996	9	36 33.35	+ 0.94	−14.28	16 13 55.65	46.365	+10.28	+ 17.3	5 36 20.01	− 0.68	+22 36 37.5	+ 8.2
40	B. D.+16°855	9	39 38.86	+ 0.90	−14.28	22 47 54.72	46.330	+10.28	+ 25.0	5 39 25.48	− 0.66	+16 2 31.5	+10.4
41	B. D.+24°963	9	42 20.07	+ 0.95	−14.28	14 11 54.90	45.520	+10.28	+ 15.1	5 42 6.74	− 0.72	+24 38 59.7	+ 7.6
42	B. D.+26°985	9	47 25.22	+ 0.96	−14.28	12 25 55.08	45.000	+10.28	+ 13.1	5 47 11.90	− 0.75	+26 25 13.4	+ 7.1
43	B. D.+17°1051	9	49 40.87	+ 0.90	−14.28	21 27 54.80	45.488	+10.28	+ 23.4	5 49 27.49	− 0.71	+17 22 52.3	+10.1
44	B. D.+21°1072	9	54 11.47	+ 0.93	−14.28	17 15 56.20	43.562	+10.28	+ 18.5	5 53 58.12	− 0.75	+21 35 39.8	+ 8.8
45	B. D.+17°1109	9	58 32.29	+ 0.90	−14.28	21 43 55.00	43.580	+10.28	+ 23.7	5 58 18.91	− 0.75	+17 7 35.4	+10.4
46	B. D.+23°1192	9	1 15.30	+ 0.94	−14.28	15 11 55.75	46.165	+10.28	+ 16.2	6 1 1.96	− 0.80	+23 38 42.7	+ 8.3
47	ν Orionis	9	2 23.01	+ 0.89	**−14.23**	24 3 55.08	46.012	+10.28	+ 26.6	6 2 9.62	.....	+14 46 36.9	....
48	B. D.+23°1232	9	4 58.29	+ 0.94	−14.28	15 49 55.95	45.990	+10.28	+ 16.9	6 4 44.95	− 0.81	+23 0 45.8	+ 8.6
49	B. D.+17°1154 (*pr.*)	9	6 21.50	+ 0.90	−14.28	21 27 55.20	43.220	+10.28	+ 23.4	6 6 8.12	− 0.78	+17 23 43.7	+10.4
50	B. D.+19°1270	9	9 29.66	+ 0.92	−14.28	19 39 55.15	44.790	+10.28	+ 21.3	6 9 16.30	− 0.81	+19 11 10.0	+ 9.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 13 37	[illegible]	31.4	31.3
14 6	29.935	31.4	31.2
15 0	29.94	32.0	33.0
21 22 19	30.04	41.1	41.2
23 14 33	29.86	32.0	32.9
15 4	......	....	32.7
15 37	......	....	32.8
15 45	29.86	32.0	....
16 28	[illegible]	31.9	32.1
21 50	29.90	40.0	40.0
24 22 30	29.89	40.7	40.8
1 17	29.84	41.7	41.8
4 55	29.82	38.0	39.0
5 18	[illegible]	37.8	38.5
5 44	......	.. .	38.0
6 8	29.81	36.0	37.2

Micrometer bisections are made at II, VI, except as noted below.

3, 9, 30.	Bisections at VI, VII.
6, 14, 28, 31.	Bisections at I, II, VI, VII.
8, 22, 29, 46, 48.	Bisections at I, II.
10.	Bisections at II, III, IV, V, VI.
12, 13, 18, 19, 23.	Bisections at III, V.
20, 24.	Bisections at III, IV, V.
47.	Bisections at II, VI, VII.

Notes.

1–5. Clouds.
4. Faint.
16. Micrometer reading increased 1 rev.
24. Micrometer reading increased 5 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 6.6	.. ....	0.0	+ 6.6
8	+ 6.8	+16 10.0	...	+16 16.8
9	+ 6.7	−16 10.0	...	−16 3.3
10	+45 29.2	+16 15.3	...	+61 44.5
14	+ 6.8	.. ....	0.0	+ 6.8
28	+ 5.3	.. ....	− 0.1	+ 5.2
29	+ 6.6	−16 10.6	...	−16 4.0
30	+ 6.6	+16 10.6	...	+16 17.2
31	+ 6.5	+ 13.7	...	+ 20.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+23°1275	9	11 25.17	+ 0.94	−14.28	15 3 55.75	47.400	+10.28	+ 16.1	6 11 11.83	− 0.84	+23 46 14.9	+ 8.4
2	B. D.+18°1171	9	13 55.32	+ 0.91	−14.28	19 55 54.35	47.338	+10.28	+ 21.6	6 13 41.95	− 0.82	+18 54 12.3	+10.0
3	B. D.+21°1203	9	15 47.78	+ 0.92	−14.28	17 39 56.42	47.065	+10.28	+ 19.0	6 15 34.42	− 0.84	+21 10 19.0	+ 9.3
4	B. D.+18°1214	9	20 50.40	+ 0.91	−14.28	20 1 54.72	45.918	+10.28	+ 21.7	6 20 37.03	− 0.85	+18 48 43.9	+10.2
5	B. D.+21°1241	9	21 51.82	+ 0.93	−14.28	17 29 55.60	45.652	+10.28	+ 18.8	6 21 38.47	− 0.87	+21 20 52.3	+ 9.4
6	Neptune C, C	9	23 56.45	+ 0.93	−14.28	16 29 54.65	47.896	+10.28	+ 17.7	6 23 43.10	....	+22 20 3.0	....
7	B. D.+17°1286 (*fol.*)	9	27 0.16	+ 0.91	−14.28	20 59 54.85	45.422	+10.28	+ 22.9	6 26 46.79	− 0.88	+17 50 54.2	+10.5
8	B. D.+16°1210	9	30 46.37	+ 0.90	−14.28	21 57 55.00	47.052	+10.28	+ 24.0	6 30 32.99	− 0.89	+16 52 15.7	+10.9
9	B. D.+28°1196	9	33 48.04	+ 0.97	−14.28	10 29 54.12	46.510	+10.28	+ 11.1	6 33 34.73	− 0.96	+28 20 41.9	+ 7.5
10	B. D.+29°1327	9	38 58.59	+ 0.98	−14.28	9 47 54.80	43.345	+10.28	+ 10.3	6 38 45.29	− 0.99	+29 3 54.0	+ 7.3
11	ξ Geminorum	9	40 11.83	+ 0.88	−**14.30**	25 51 55.10	43.068	+10.28	+ 28.8	6 39 58.43	....	+12 59 41.9	....
12	B. D.+24°1406	9	42 55.04	+ 0.95	−14.28	14 23 55.95	42.890	+10.28	+ 15.3	6 42 41.71	− 0.97	+24 27 58.6	+ 8.8
13	B. D.+25°1469	9	46 20.88	+ 0.96	−14.28	13 3 55.10	47.250	+10.28	+ 13.9	6 46 7.56	− 0.99	+25 46 21.2	+ 8.5
14	B. D.+17°1447	9	50 59.42	+ 0.91	−14.28	20 59 54.88	44.020	+10.28	+ 22.9	6 50 46.05	− 0.97	+17 51 26.2	+10.8
15	B. D.+27°1296	9	55 17.22	+ 0.97	−14.28	11 33 54.85	45.080	+10.28	+ 12.2	6 55 3.91	− 1.03	+27 17 12.7	+ 8.2
16	B. D.+19°1591	9	58 9.41	+ 0.92	−14.28	19 29 54.70	44.012	+10.28	+ 21.1	6 57 56.05	− 1.00	+19 21 28.4	+10.5
17	B. D.+17°1505	8	3 27.36	+ 0.91	−14.28	21 1 55.02	47.092	+10.28	+ 22.9	7 3 13.99	− 1.02	+17 48 15.9	+11.0
18	B. D.+17°1518	9	6 32.07	+ 0.90	−14.28	21 41 54.45	48.152	+10.28	+ 23.7	7 6 18.69	− 1.02	+17 7 51.4	+11.2
19	B. D.+20°1743	9	9 11.21	+ 0.92	−14.28	18 9 55.05	46.322	+10.28	+ 19.6	7 8 57.85	− 1.05	+20 40 36.7	+10.3
20	B. D.+24°1611	9	13 20.06	+ 0.95	−14.28	14 33 55.82	44.742	+10.28	+ 15.5	7 13 6.73	− 1.08	+24 17 16.2	+ 9.4
21	δ Geminorum	9	14 41.46	+ 0.93	−**14.24**	16 41 55.52	44.635	+10.28	+ 17.9	7 14 28.11	....	+22 9 16.5	....
22	B. D.+25°1660	9	17 55.53	+ 0.95	−14.28	13 37 54.68	43.325	+10.28	+ 14.5	7 17 42.20	− 1.10	+25 13 50.7	+ 9.2
23	ι Geminorum	9	20 4.14	+ 0.97	−**14.30**	10 51 54.52	45.485	+10.28	+ 11.5	7 19 50.83	....	+27 59 4.5	....
24	B. D.+20°1805	9	21 34.89	+ 0.92	−14.28	18 23 54.80	46.185	+10.28	+ 19.8	7 21 21.53	− 1.08	+20 26 39.9	+10.5
25	B. D.+28°1405	9	24 59.78	+ 0.97	−14.28	10 43 55.12	47.562	+10.28	+ 11.3	7 24 46.47	− 1.14	+28 6 16.6	+ 8.6
26	B. D.+25°1704	9	28 9.29	+ 0.95	−14.28	13 13 54.38	47.895	+10.28	+ 14.1	7 27 55.96	− 1.13	+25 36 7.0	+ 9.3
27	B. D.+24°1730	9	33 42.18	+ 0.95	−14.28	14 23 55.02	47.815	+10.28	+ 15.3	7 33 28.85	− 1.14	+24 26 7.0	+ 9.7
28	B. D.+29°1590	9	37 37.05	+ 0.98	−14.28	9 43 55.78	46.570	+10.28	+ 10.3	7 37 23.75	− 1.18	+29 6 39.6	+ 8.6
29	β Geminorum	9	39 44.74	+ 0.97	−**14.24**	10 35 55.40	45.148	+10.28	+ 11.2	7 39 31.43	....	+28 15 11.3	....
30	B. D.+21°1679	9	40 45.91	+ 0.93	−14.28	17 29 54.88	45.455	+10.28	+ 18.8	7 40 32.56	− 1.15	+21 20 57.5	+10.5
31	B. D.+25°1773	9	45 27.09	+ 0.95	−14.28	13 29 54.88	45.880	+10.28	+ 14.4	7 45 13.76	− 1.18	+25 20 52.2	+ 9.6
32	η Cancri	9	27 27.66	+ 0.93	−**14.30**	18 5 55.60	43.582	+10.66	+ 19.5	8 27 14.31	....	+20 45 38.5	....
33	B. D.+20°2158	9	34 53.27	+ 0.93	−14.28	18 29 54.50	46.882	+10.66	+ 20.0	8 34 39.92	− 1.27	+20 20 23.7	+11.2
34	B. D.+20°2178	9	36 1.19	+ 0.93	−14.28	18 1 55.40	46.207	+10.66	+ 19.5	8 35 47.84	− 1.27	+20 48 38.8	+11.2
35	γ Cancri	9	38 2.06	+ 0.94	−**14.28**	17 1 55.60	46.818	+10.66	+ 18.4	8 37 48.72	....	+21 48 25.7	....
36	B. D.+10°1864	9	39 50.48	+ 0.88	−14.28	28 25 54.28	43.925	+10.66	+ 32.4	8 39 37.08	− 1.28	+10 25 19.1	+12.9
37	B. D.+17°1941	9	42 58.88	+ 0.91	−14.28	21 5 54.45	46.480	+10.66	+ 23.1	8 42 45.51	− 1.28	+17 44 29.9	+11.7
38	B. D.+20°2232	9	48 44.06	+ 0.93	−14.28	18 31 53.55	44.280	+10.66	+ 20.1	8 48 30.71	− 1.29	+20 19 24.0	+11.3
39	B. D.+19°2131	9	52 45.75	+ 0.92	−14.28	19 11 54.55	45.812	+10.66	+ 20.9	8 52 32.39	− 1.30	+19 38 47.2	+11.4
40	B. D.+15°1962	9	57 1.62	+ 0.90	−14.28	23 51 54.15	47.352	+10.66	+ 26.5	8 56 48.24	− 1.30	+14 58 6.9	+12.1
41	B. D.+17°2004	9	0 40.38	+ 0.91	−14.28	21 3 54.32	47.905	+10.66	+ 23.1	9 0 27.01	− 1.30	+17 45 57.4	+11.8
42	B. D.+15°1984	9	3 7.98	+ 0.90	−14.28	23 45 54.22	43.810	+10.66	+ 26.4	9 2 54.60	− 1.31	+15 5 27.6	+12.1
43	B. D.+13°2051	9	6 28.51	+ 0.89	−14.28	25 33 54.45	46.158	+10.66	+ 28.6	9 6 15.12	− 1.31	+13 16 31.7	+12.4
44	B. D.+16°1930	9	9 55.97	+ 0.91	−14.28	22 25 54.48	48.520	+10.66	+ 24.7	9 9 42.60	− 1.32	+16 23 41.6	+11.9
45	B. D.+12°2009	9	12 56.91	+ 0.88	−14.28	26 55 56.02	48.105	+10.66	+ 30.4	9 12 43.51	− 1.32	+11 53 43.6	+12.5
46	83 Cancri	9	13 55.52	+ 0.91	−**14.22**	20 43 54.70	47.010	+10.66	+ 22.7	9 13 42.15	....	+18 6 17.9	....
47	B. D.+19°2201	9	16 42.18	+ 0.92	−14.28	19 41 54.08	45.280	+10.66	+ 21.4	9 16 28.82	− 1.32	+19 8 59.4	+11.6
48	B. D.+17°2078	9	20 31.61	+ 0.91	−14.28	21 51 54.38	43.722	+10.66	+ 24.0	9 20 18.24	− 1.32	+16 59 32.1	+11.8
49	B. D.+18°2207	9	24 30.53	+ 0.91	−14.28	20 45 54.45	48.270	+10.66	+ 22.7	9 24 17.16	− 1.33	+18 3 49.4	+11.7
50	B. D.+10°2014	9	27 6.87	+ 0.88	−14.28	28 41 55.88	47.658	+10.66	+ 32.8	9 26 53.47	− 1.34	+10 7 51.8	+12.5
51	B. D.+19°2355	9	31 22.67	+ 0.92	−14.28	19 29 55.12	45.222	+10.66	+ 21.2	9 31 9.31	− 1.33	+19 20 59.8	+11.6
52	B. D.+12°2075	9	34 41.41	+ 0.89	−14.28	26 15 54.82	43.475	+10.66	+ 29.6	9 34 28.02	− 1.34	+12 35 31.7	+12.2
53	*o* Leonis	9	36 19.72	+ 0.88	−**14.32**	28 31 56.42	43.970	+10.66	+ 32.6	9 36 6.32	....	+10 19 15.8	....
54	ψ Leonis	9	38 48.29	+ 0.90	−14.28	24 23 53.22	44.582	+10.66	+ 27.2	9 38 34.91	− 1.34	+14 27 10.4	+12.0
55	B. D.+12°2096	9	42 41.83	+ 0.88	−14.28	26 57 56.18	47.518	+10.66	+ 30.5	9 42 28.43	− 1.35	+11 51 57.0	+12.2
56	23 Leonis	9	46 8.41	+ 0.89	−14.28	25 19 55.02	46.428	+10.66	+ 28.4	9 45 55.02	− 1.35	+13 30 25.2	+12.0
57	B. D.+18°2291	9	50 57.53	+ 0.91	−14.28	20 51 54.32	44.240	+10.66	+ 22.9	9 50 44.16	− 1.34	+17 59 21.4	+11.7
58	B. D.+ 9°2269	9	53 20.51	+ 0.87	−14.28	30 3 54.85	47.710	+10.66	+ 34.8	9 53 7.10	− 1.36	+ 8 45 49.7	+12.2
59	B. D.+ 5°2269	9	56 14.99	+ 0.86	−14.28	33 23 54.52	44.695	+10.66	+ 39.6	9 56 1.57	− 1.38	+ 5 26 54.1	+12.4
60	B. D.+16°2077	9	0 46.51	+ 0.90	−14.28	22 37 54.58	45.155	+10.66	+ 25.1	10 0 33.13	− 1.34	+16 12 58.0	+11.8
61	B. D.+10°2112	9	3 6.63	+ 0.88	−14.28	28 23 55.15	43.190	+10.66	+ 32.5	10 2 53.23	− 1.36	+10 27 35.0	+12.0
62	B. D.+14°2217	9	6 46.47	+ 0.89	−14.28	25 1 54.18	44.295	+10.66	+ 28.1	10 6 33.08	− 1.35	+13 49 15.1	+11.8
63	B. D.+ 6°2276	9	10 0.37	+ 0.86	−14.28	32 37 57.15	44.170	+10.66	+ 38.5	10 9 46.95	− 1.38	+ 6 13 4.6	+12.0
64	B. D.+18°2345	9	14 2.57	+ 0.92	−14.28	20 39 54.30	45.920	+10.66	+ 22.7	10 13 49.21	− 1.34	+18 10 43.2	+11.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 6 32	.....	....	36.9
6 59	29.80	35.3	37.0
7 24	.....	....	36.7
7 46	29.79	34.5	35.8
8 25	29.78	33.8	34.5
8 50	.....	....	33.4
9 18	29.77	33.0	34.0
9 40	.....	....	32.8
10 8	29.76	31.7	31.2

Micrometer bisections are made at II, VI, except as noted below.

4, 10, 29, 45. Bisections at I, II.
6. Bisections at I, II, VI, VII.
34. Bisections at II, VI, VII.
42. Bisection at II.
57. Bisections at II, VII.

Note.

38–64. Images at times poor; unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	42 Leonis	9	16 58.63	+ 0.90	−14.28	23 23 54.05	44.848	+10.66	+ 26.0	10 16 45.25	− 1.34	+15 27 4.7	+11.7
2	B. D.+13°2252	9	20 9.72	+ 0.89	−14.28	25 37 54.18	46.230	+10.66	+ 28.8	10 19 56.33	− 1.35	+13 12 30.2	+11.7
3	B. D.+15°2205	9	23 34.69	+ 0.90	−14.28	23 35 53.98	47.328	+10.66	+ 26.2	10 23 21.31	− 1.34	+15 14 7.9	+11.6
4	B. D.+ 2°2325	9	25 51.44	+ 0.84	−14.28	36 11 55.15	46.632	+10.66	+ 43.8	10 25 38.00	− 1.40	+ 2 38 5.1	+11.7
5	ρ Leonis	9	28 3.43	+ 0.88	**−14.31**	29 3 56.00	43.290	+10.66	+ 33.3	10 27 50.03	.....	+ 9 47 31.0	....
6	B. D.+ 4°2351	9	29 37.80	+ 0.85	−14.28	34 13 54.48	47.278	+10.66	+ 40.8	10 29 24.37	− 1.39	+ 4 35 54.0	+11.6
7	B. D.+ 6°2326	9	33 45.59	+ 0.86	−14.28	32 25 54.00	46.482	+10.66	+ 38.1	10 33 32.17	− 1.37	+ 6 24 15.3	+11.5
8	B. D.+11°2269	9	37 31.59	+ 0.88	−14.28	27 59 55.60	44.848	+10.66	+ 31.9	10 37 18.19	− 1.35	+10 50 57.2	+11.5
9	B. D.+13°2302	9	41 32.57	+ 0.89	−14.28	25 35 53.90	45.690	+10.66	+ 28.8	10 41 19.18	− 1.33	+13 14 42.8	+11.4
10	*l* Leonis	9	44 30.69	+ 0.88	**−14.31**	27 47 55.02	45.660	+10.66	+ 31.6	10 44 17.29	.....	+11 2 39.6	....
11	B. D.+ 5°2412	9	47 55.72	+ 0.86	−14.28	33 19 54.90	46.305	+10.66	+ 39.5	10 47 42.30	− 1.37	+ 5 30 17.0	+11.2
12	B. D.+ 1°2502	9	51 33.07	+ 0.83	−14.28	37 53 54.00	46.270	+10.66	+ 46.7	10 51 19.62	− 1.40	+ 0 56 11.6	+10.9
13	*d* Leonis	9	55 54.14	+ 0.85	**−14.31**	34 43 54.52	43.155	+10.66	+ 41.6	10 55 40.71	.....	+ 4 7 27.3	....
	February 24, M.												
14	56 B. Draconis	8	29 21.46	+ 1.38	−14.28	338 13 49.92	43.745	+10.82	− 24.0	14 29 8.56	− 0.48	+60 38 23.8	+14.2
15	*c*¹ Centauri	9	38 5.31	+ 0.68	−14.28	73 33 53.52	44.700	+10.82	+3 22.4	14 37 51.71	− 1.13	−34 45 47.5	− 8.3
16	109 Virginis	9	41 40.76	+ 0.88	**−14.24**	36 33 53.55	42.952	+10.82	+ 44.7	14 41 27.36	.....	+ 2 17 29.7	....
17	8 Libræ	9	45 40.13	+ 0.80	**−14.30**	54 25 52.38	45.595	+10.82	+1 24.2	14 45 26.65	.....	−15 36 9.0	....
18	381 G. Centauri	9	50 9.34	+ 0.69	−14.28	72 15 53.12	46.188	+10.82	+3 7.2	14 49 55.75	− 1.02	−33 28 6.3	− 8.5
19	2 H. Ursæ Minoris	9	56 17.19	+ 1.53	−14.28	332 33 50.25	44.042	+10.82	− 31.2	14 56 4.44	− 0.24	+66 18 23.6	+14.3
20	*i* Boötis (*fol.*)	9	0 52.98	+ 1.19	−14.28	350 49 52.78	46.142	+10.82	− 9.6	15 0 39.89	− 0.29	+48 1 11.7	+13.2
21	Mars I, C	9	5 40.37	+ 0.79	−14.28	54 27 54.35	46.100	+10.82	+1 24.4	15 5 26.88	+ 0.25	−15 38 22.7	....
22	Mars II	9	5 40.92	+ 0.79	−14.28	... .	......	.....	. ....	15 5 27.43	− 0.30	.. ..	....
23	*o*² Libræ	9	17 57.84	+ 0.80	−14.28	53 37 53.82	44.457	+10.82	+1 21.8	15 17 44.36	.....	−14 47 42.1	....
24	β Coronæ Borealis	8	24 8.28	+ 1.02	**−14.27**	9 25 54.10	43.728	+10.82	+ 10.1	15 23 55.02	.....	+29 25 45.9	....
25	Moon II, S	9	31 11.77	+ 0.82	−14.28	53 35 52.80	46.492	+10.82	+1 21.7	15 30 58.31	−68.69	−14 46 27.6	....
26	13 H¹. Camelopardalis S. P.	9	37 15.41	+ 0.05	−14.28	285 49 49.65	43.390	+10.82	−3 28.9	3 37 1.18	− 0.47	+66 54 22.7	− 8.2
27	β Serpentis	9	42 1.82	+ 0.94	**−14.28**	23 7 52.70	45.115	+10.82	+ 25.8	15 41 48.48	.....	+15 43 0.0	....
28	χ Lupi	9	45 9.39	+ 0.69	−14.28	72 7 53.92	46.350	+10.82	+3 5.7	15 44 55.80	− 0.61	−33 20 8.9	−10.5
29	γ Serpentis	9	52 17.44	+ 0.94	**−14.28**	22 51 51.10	47.418	+10.82	+ 25.5	15 52 4.10	.....	+15 58 9.2	....
30	66 H¹. Draconis	9	55 45.09	+ 1.28	−14.28	343 49 49.55	47.542	+10.82	− 17.4	15 55 32.09	+ 0.12	+55 0 50.9	+13.2
31	τ Coronæ Borealis	9	5 43.08	+ 1.08	−14.28	2 7 51.75	44.328	+10.82	+ 2.3	16 5 29.88	0.00	+36 43 42.3	+10.5
32	δ Ophiuchi	9	9 35.66	+ 0.85	**−14.30**	42 17 53.68	43.868	+10.82	+ 54.9	16 9 22.23	.....	− 3 27 1.6	....
33	ε Ophiuchi	9	13 31.33	+ 0.84	**−14.33**	43 17 53.90	45.525	+10.82	+ 56.9	16 13 17.89	.....	− 4 27 41.6	....
34	ξ Coronæ Borealis	9	18 36.98	+ 1.04	−14.28	7 43 52.88	47.100	+10.82	+ 8.3	16 18 23.74	+ 0.03	+31 6 31.9	+ 9.1
	February 25, M.												
35	Sun I, S	9	31 58.67	+ 0.81	−14.31	48 15 56.65	43.440	+11.21	+1 5.1	22 31 45.17	+65.67	− 9 25 5.3	....
36	Sun II, N	9	34 10.02	+ 0.81	−14.31	47 43 56.38	42.575	+11.21	+1 3.9	22 33 56.52	−65.68	− 8 52 44.1	....
	February 27, M.												
37	Sun I, N	9	39 31.73	+ 0.76	−14.35	46 57 58.05	45.712	+ 9.57	+1 4.3	22 39 18.14	+65.46	− 8 7 56.2	....
38	Sun II, S	9	41 42.66	+ 0.76	−14.35	47 29 56.68	46.512	+ 9.57	+1 5.5	22 41 29.07	−65.47	− 8 40 14.4	....
39	Venus I, S	9	26 48.48	+ 0.84	−14.36	26 37 56.05	44.632	+ 9.30	+ 30.0	1 26 34.96	+ 0.96	+12 13 4.9	....
	March 1, Y.												
40	Mars I, C	9	11 59.49	+ 0.76	−14.43	54 53 57.02	48.265	+ 8.97	+1 28.0	15 11 45.82	+ 0.32	−16 5 16.6	....
41	Mars II	9	12 0.20	+ 0.76	−14.43	... .	......	.....	. ....	15 11 46.53	− 0.39	.. ..	....
42	*o*² Libræ	9	17 58.19	+ 0.76	−14.43	53 37 56.45	44.305	+ 8.97	+1 24.0	15 17 44.52	.....	−14 47 41.5	....
43	β Coronæ Borealis	9	24 8.61	+ 1.00	**−14.43**	9 25 55.05	43.728	+ 8.97	+ 10.3	15 23 55.18	.....	+29 25 46.6	....
44	B. D.+43°2510	8	32 8.16	+ 1.11	−14.43	355 21 53.15	47.310	+ 8.97	− 4.9	15 31 54.84	− 0.30	+43 28 41.9	+12.2
45	β Serpentis	9	42 2.08	+ 0.91	**−14.37**	23 7 55.75	44.982	+ 8.97	+ 26.5	15 41 48.56	.....	+15 43 1.1	....
46	γ Serpentis	9	52 17.73	+ 0.91	**−14.39**	22 51 53.48	47.345	+ 8.97	+ 26.2	15 52 4.21	.....	+15 58 9.7	....
47	β¹ Scorpii	9	0 8.96	+ 0.74	**−14.50**	58 21 55.82	46.188	+ 8.97	+1 40.7	15 59 55.27	.....	−19 32 40.5	....
48	δ Ophiuchi	9	9 35.96	+ 0.82	**−14.43**	42 17 56.05	43.762	+ 8.97	+ 56.5	16 9 22.35	.....	− 3 27 1.3	....
49	ε Ophiuchi	9	13 31.58	+ 0.81	**−14.40**	43 17 56.30	45.412	+ 8.97	+ 58.6	16 13 17.96	.....	− 4 27 41.3	....
50	ξ Coronæ Borealis	9	18 37.33	+ 1.01	−14.43	7 43 54.82	47.085	+ 8.97	+ 8.5	16 18 23.91	− 0.12	+31 6 32.2	+ 9.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 10 31	......	....	32.8
10 57	29.745	31.1	31.4
14 29	29.67	28.6	28.2
14 54	......	....	27.9
15 22	29.66	28.8	27.9
16 1	......	....	27.2
16 22	29.65	28.0	27.0
25 22 34	29.545	42.2	43.2
27 22 42	[illegible]	32.9	32.4
1 27	29.87	36.5	35.1
1 15 8	29.82	21.8	18.5
15 36	......	....	17.8
16 6	29.825	19.5	16.7

Micrometer bisections are made at II, VI, except as noted below.

6, 10, 43, 49.	Bisections at II, VII.
14, 26, 44.	Bisections at III, V.
15, 28, 36, 38, 50.	Bisections at VI, VII.
18, 23.	Bisections at I, II, VI.
21, 39, 40.	Bisections at I, II, VI, VII.
25.	Bisections at II, III, IV, V, VI.
30.	Bisections at III, IV, V.
35.	Bisections at I, II.
37.	Bisections at I, II, III.
47.	Bisections at II, VI, VII.

Notes.

9, 12, 26. Image poor.
42–50. Diffuse; occasionally unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
21	+ 6.9	.. ....	0.0	+ 6.9
25	+47 10.7	+16 2.2	...	+63 12.9
35	+ 6.6	+16 10.5	...	+16 17.1
36	+ 6.5	−16 10.6	...	−16 4.1
37	+ 6.5	−16 9.1	...	−16 2.6
38	+ 6.5	+16 9.1	...	+16 15.6
39	+ 6.5	+ 14.2	...	+ 20.7
40	+ 7.3	.. ....	0.0	+ 7.3

No.		Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
				m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β	Herculis	9	26 21.77	+ 0.95	**−14.45**	17 9 56.30	43.652	+ 8.97	+ 19.2	16 26 8.29	.....	+21 41 38.2	....
2	ζ	Ophiuchi	9	32 9.56	+ 0.78	**−14.45**	49 13 57.70	41.570	+ 8.97	+1 12.0	16 31 55.91	.....	−10 22 28.2	....
3		Moon II	9	12 37.15	+ 0.82	−14.42	56 16	......	....	. ....	20 12 23.55	−65.35	.. ..	....
		March 2, Y.												
4		Sun I, N	9	50 47.27	+ 0.81	−14.42	45 49 55.72	45.550	+ 9.28	+1 2.6	22 50 33.66	+65.40	− 6 59 48.1	....
5		Sun II, S	9	52 58.07	+ 0.81	−14.42	46 21 56.80	46.185	+ 9.28	+1 3.8	22 52 44.46	−65.40	− 7 32 5.0	....
6		Venus I, S	9	36 15.48	+ 0.92	−14.43	25 19 57.60	46.742	+ 8.62	+ 28.6	1 36 1.97	+ 1.01	+13 30 17.3	....
		March 2, Ei.-Y.												
7	β	Tauri	9	20 31.17	+ 1.02	**−14.49**	10 19 56.55	44.305	+ 8.46	+ 11.1	5 20 17.75	.....	+28 31 31.6	....
8		B. D.+29°923	9	26 26.17	+ 1.02	−14.44	9 43 57.15	44.665	+ 8.46	+ 10.4	5 26 12.75	− 0.56	+29 7 23.5	+ 5.7
9		B. D.+23°954	9	29 53.02	+ 0.99	−14.44	14 51 56.25	46.892	+ 8.46	+ 16.1	5 29 39.57	− 0.55	+23 58 27.8	+ 7.6
10	ζ	Tauri	9	32 12.07	+ 0.96	**−14.45**	17 45 55.50	45.540	+ 8.46	+ 19.4	5 31 58.59	.....	+21 4 56.2	....
11		B. D.+26°937	9	39 15.13	+ 1.00	−14.44	12 33 56.88	43.125	+ 8.46	+ 13.5	5 39 1.69	− 0.61	+26 17 56.1	+ 6.9
12		B. D.+20°1100	9	42 12.31	+ 0.96	−14.44	17 55 56.30	47.335	+ 8.46	+ 19.7	5 41 58.83	− 0.59	+20 54 14.1	+ 8.8
13		B. D.+19°1110	9	46 59.82	+ 0.96	−14.44	18 59 56.58	46.690	+ 8.46	+ 20.9	5 46 46.34	− 0.61	+19 50 27.3	+ 9.3
14		B. D.+19°1126	9	49 33.41	+ 0.96	−14.44	19 7 55.12	43.412	+ 8.46	+ 21.0	5 49 19.93	− 0.62	+19 43 43.6	+ 9.3
15		B. D.+18°1040	9	53 33.72	+ 0.95	−14.44	20 1 56.72	46.450	+ 8.46	+ 22.1	5 53 20.23	− 0.63	+18 48 31.5	+ 9.7
16		B. D.+20°1233	9	58 30.91	+ 0.96	−14.44	18 41 56.92	47.132	+ 8.46	+ 20.5	5 58 17.43	− 0.66	+20 8 17.3	+ 9.4
17		B. D.+21°1116	9	1 14.40	+ 0.97	−14.44	16 57 57.35	43.765	+ 8.46	+ 18.5	6 1 0.93	− 0.68	+21 53 35.8	+ 8.8
18		B. D.+19°1237	9	4 36.51	+ 0.96	−14.44	19 9 55.40	44.312	+ 8.46	+ 21.1	6 4 23.03	− 0.69	+19 41 22.4	+ 9.6
19		B. D.+27°1013	9	6 4.16	+ 1.01	−14.44	11 41 56.08	45.415	+ 8.46	+ 12.6	6 5 50.73	− 0.74	+27 9 5.3	+ 7.1
20	η	Geminorum	9	9 22.82	+ 0.98	**−14.43**	16 19 56.62	43.002	+ 8.46	+ 17.8	6 9 9.36	.....	+22 31 54.7	....
21		B. D.+17°1191	9	11 6.88	+ 0.94	−14.44	21 37 56.60	46.145	+ 8.46	+ 24.1	6 10 53.38	− 0.71	+17 12 36.6	+10.5
22		B. D.+23°1301	9	13 50.30	+ 0.98	−14.44	15 31 55.42	46.558	+ 8.46	+ 16.9	6 13 36.84	− 0.75	+23 18 35.5	+ 8.5
23		B. D.+23°1322	9	16 15.76	+ 0.98	−14.44	15 1 56.82	47.680	+ 8.46	+ 16.3	6 16 2.30	− 0.76	+23 48 8.8	+ 8.4
24	μ	Geminorum	9	17 27.06	+ 0.98	**−14.44**	16 17 57.78	43.795	+ 8.46	+ 17.7	6 17 13.60	.....	+22 33 35.5	....
25		B. D.+21°1232	9	20 14.92	+ 0.97	−14.44	17 9 57.22	43.492	+ 8.46	+ 18.7	6 20 1.45	− 0.77	+21 41 42.0	+ 9.2
26		B. D.+27°1122	9	23 13.87	+ 1.01	−14.44	11 49 56.52	44.040	+ 8.46	+ 12.7	6 23 0.44	− 0.81	+27 1 36.1	+ 7.5
27		B. D.+17°1286 (*pr.*)	8	26 59.53	+ 0.95	−14.44	20 59 56.10	46.165	+ 8.46	+ 23.3	6 26 46.04	− 0.78	+17 50 37.1	+10.5
28		B. D.+17°1286 (*fol.*)	8	27 0.21	+ 0.95	−14.44	20 59 56.10	45.435	+ 8.46	+ 23.3	6 26 46.72	− 0.78	+17 50 54.4	+10.5
29		B. D.+17°1306	9	30 36.14	+ 0.94	−14.44	21 3 55.32	47.938	+ 8.46	+ 23.4	6 30 22.64	− 0.80	+17 45 57.6	+10.6
30		B. D.+22°1416	9	33 36.73	+ 0.97	−14.44	16 43 56.05	46.160	+ 8.46	+ 18.3	6 33 23.26	− 0.83	+22 6 42.6	+ 9.4
31	ε	Geminorum	9	38 19.60	+ 0.99	**−14.43**	13 37 57.12	44.515	+ 8.46	+ 14.7	6 38 6.15	.....	+25 13 22.7	....
32		B. D.+18°1349	8	42 4.80	+ 0.95	−14.44	20 33 55.35	43.595	+ 8.46	+ 22.8	6 41 51.31	− 0.85	+18 17 37.4	+10.6
33		B. D.+21°1405	9	46 5.83	+ 0.97	−14.44	16 57 56.60	47.365	+ 8.46	+ 18.6	6 45 52.36	− 0.88	+21 52 14.2	+ 9.5
34		B. D.+27°1270	9	50 14.84	+ 1.01	−14.44	11 25 55.50	47.578	+ 8.46	+ 12.3	6 50 1.41	− 0.92	+27 24 16.7	+ 7.8
35		B. D.+16°1354	9	55 2.72	+ 0.94	−14.44	22 37 55.42	46.620	+ 8.46	+ 25.3	6 54 49.22	− 0.90	+16 12 25.7	+11.3
36		B. D.+27°1307	9	57 56.55	+ 1.01	−14.44	11 41 56.12	47.040	+ 8.46	+ 12.6	6 57 43.12	− 0.95	+27 8 28.1	+ 8.0
37	45	Geminorum	9	3 9.68	+ 0.94	−14.44	22 45 55.30	45.708	+ 8.46	+ 25.5	7 2 56.18	− 0.93	+16 4 46.5	+11.4
38		B. D.+15°1494	9	6 5.83	+ 0.93	−14.44	23 21 55.10	44.668	+ 8.46	+ 26.3	7 5 52.32	− 0.94	+15 29 9.6	+11.7
39		B. D.+25°1618	9	9 7.89	+ 0.99	−14.44	13 47 55.88	45.922	+ 8.46	+ 15.0	7 8 54.44	− 0.98	+25 2 51.5	+ 8.9
40	λ	Geminorum	9	12 52.56	+ 0.94	**−14.44**	22 7 57.05	46.305	+ 8.46	+ 24.8	7 12 39.06	.....	+16 42 31.8	....
41		B. D.+17°1561	9	17 50.75	+ 0.94	−14.44	21 15 55.62	44.380	+ 8.46	+ 23.7	7 17 37.25	− 0.98	+17 35 18.3	+11.2
42		B. D.+21°1596	9	21 27.94	+ 0.97	−14.44	17 7 56.82	44.365	+ 8.46	+ 18.8	7 21 14.47	− 1.02	+21 43 22.3	+10.0
43		B. D.+16°1490	9	24 16.36	+ 0.94	−14.44	22 29 54.95	44.152	+ 8.46	+ 25.2	7 24 2.86	− 1.01	+16 21 22.7	+11.5
44		B. D.+23°1744	9	27 23.64	+ 0.98	−14.44	15 45 55.85	44.790	+ 8.46	+ 17.2	7 27 10.18	− 1.04	+23 5 15.2	+ 9.7
45		B. D.+24°1727	9	32 44.08	+ 0.99	−14.44	14 15 56.48	47.480	+ 8.46	+ 15.5	7 32 30.63	− 1.07	+24 34 14.8	+ 9.4
46		B. D.+21°1661	9	35 49.64	+ 0.97	−14.44	17 11 55.65	43.032	+ 8.46	+ 18.9	7 35 36.17	− 1.06	+21 39 53.8	+10.2
47	κ	Geminorum	9	38 57.42	+ 0.99	**−14.44**	14 13 56.32	44.430	+ 8.46	+ 15.5	7 38 43.97	.....	+24 37 24.3	....
48		B. D.+27°1470	9	40 17.78	+ 1.01	−14.44	11 53 56.85	45.155	+ 8.46	+ 12.9	7 40 4.35	− 1.10	+26 57 10.1	+ 8.8
49		B. D.+15°1676	9	45 24.48	+ 0.93	−14.44	23 45 54.35	45.835	+ 8.46	+ 26.9	7 45 10.97	− 1.08	+15 4 43.1	+12.0
50	φ	Geminorum	9	47 55.64	+ 1.01	**−14.40**	11 49 56.65	46.788	+ 8.46	+ 12.8	7 47 42.21	.....	+27 0 33.1	....
		March 6, Y.												
51		Sun I, S	9	5 41.47	+ 0.77	−14.48	44 49 58.95	45.545	+ 8.99	+ 59.4	23 5 27.76	+65.00	− 5 59 47.8	....
52		Sun II, N	8	7 51.48	+ 0.77	−14.48	44 17 57.88	44.828	+ 8.99	+ 58.3	23 7 37.77	−65.01	− 5 27 29.3	....
53		Venus I, S	9	48 18.30	+ 0.88	−14.48	23 41 56.22	47.232	+ 9.07	+ 26.2	1 48 4.70	+ 1.07	+15 8 9.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 16 36	29.825	18.6	15.9
2 22 53	29.84	28.0	26.5
1 36	29.80	30.6	29.3
5 18	29.77	28.5	28.2
5 44	...	...	27.8
6 7	29.77	27.1	27.8
6 38	...	...	27.6
6 59	29.77	26.4	26.8
7 23	...	...	25.8
7 49	29.765	25.1	24.9
6 23 8	30.165	40.5	40.1
1 48	30.175	42.0	41.2

Micrometer bisections are made at II, VI, except as noted below.

1, 10.	Bisections at II, VII.
2.	Bisections at II, VI, VII.
4, 18, 23, 27, 47, 51.	Bisections at I, II.
5, 11, 28, 52.	Bisections at VI, VII.
6, 53.	Bisections at I, II, VI, VII.

Notes.

1, 2. Diffuse and unsteady.

39. Image poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 6.3	−16 8.4	...	−16 2.1
5	+ 6.4	+16 8.4	...	+16 14.8
6	+ 6.5	+ 14.8	...	+ 21.3
51	+ 6.2	+16 9.2	...	+16 15.4
52	+ 6.2	−16 9.3	...	−16 3.1
53	+ 6.4	+ 15.6	...	+ 22.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	March 6, Ei.-Y.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Tauri	9	32 12.19	+ 0.86	**−14.55**	17 45 56.22	45.508	+ 8.54	+ 19.4	5 31 58.54	....	+21 4 56.1	....
2	B. D.+24°920	9	36 22.31	+ 0.89	−14.51	14 33 56.92	47.918	+ 8.54	+ 15.7	5 36 8.69	− 0.50	+24 16 4.0	+ 7.5
3	1 Geminorum	9	58 34.99	+ 0.88	**−14.51**	15 35 55.85	42.900	+ 8.54	+ 16.9	5 58 21.36	....	+23 15 58.6	....
4	ν Orionis	9	2 23.18	+ 0.82	**−14.50**	24 3 56.28	46.035	+ 8.54	+ 27.0	6 2 9.49	....	+14 46 36.5	....
5	B. D.+25°1180	9	9 47.05	+ 0.89	−14.51	13 29 56.95	43.935	+ 8.54	+ 14.6	6 9 33.43	− 0.66	+25 21 36.1	+ 7.6
6	B. D.+27°1054	9	12 37.95	+ 0.91	−14.51	11 35 56.10	46.458	+ 8.54	+ 12.5	6 12 24.35	− 0.69	+27 14 41.4	+ 7.0
7	B. D.+29°1190	9	15 22.39	+ 0.92	−14.51	9 15 56.78	45.978	+ 8.54	+ 9.9	6 15 8.80	− 0.71	+29 34 54.5	+ 6.3
8	B. D.+17°1224 (*mean*)	9	17 31.89	+ 0.84	−14.51	21 13 55.72	44.970	+ 8.54	+ 23.6	6 17 18.22	− 0.67	+17 37 4.7	+10.3
9	B. D.+20°1427	9	22 21.21	+ 0.86	−14.51	17 59 57.55	46.045	+ 8.54	+ 19.7	6 22 7.56	− 0.70	+20 50 42.2	+ 9.3
10	B. D.+29°1248	9	24 55.83	+ 0.93	−14.51	8 57 56.62	44.545	+ 8.54	+ 9.6	6 24 42.25	− 0.76	+29 53 27.5	+ 6.3
11	ε Geminorum	9	38 19.73	+ 0.89	**−14.53**	13 37 55.15	44.580	+ 8.54	+ 14.8	6 38 6.11	....	+25 13 23.0	....
12	λ Geminorum	9	12 52.69	+ 0.83	**−14.52**	22 7 57.22	46.315	+ 8.54	+ 24.8	7 12 39.01	....	+16 42 31.3	....
13	δ Geminorum	9	14 41.60	+ 0.87	**−14.46**	16 41 56.08	44.668	+ 8.54	+ 18.3	7 14 27.96	....	+22 9 16.6	....
	March 10, Ei.-Y.												
14	η Geminorum	9	9 22.78	+ 0.89	**−14.44**	16 17 55.35	48.330	+ 9.12	+ 17.2	6 9 9.14	....	+22 31 54.1	....
15	B. D.+26°1201 (*south*)	9	16 44.63	+ 0.91	−14.53	12 7 54.65	46.528	+ 9.12	+ 12.6	6 16 31.01	− 0.62	+26 42 40.6	+ 7.2
16	Neptune C, C	9	23 30.29	+ 0.89	−14.53	16 29 55.55	45.762	+ 9.12	+ 17.4	6 23 16.65	....	+22 20 52.4	....
17	B. D.+24°1303	9	27 44.61	+ 0.90	−14.53	14 43 54.05	46.810	+ 9.12	+ 15.4	6 27 30.98	− 0.66	+24 6 31.9	+ 8.2
18	B. D.+24°1328	9	31 52.16	+ 0.90	−14.53	14 9 54.95	48.090	+ 9.12	+ 14.8	6 31 38.53	− 0.68	+24 40 2.4	+ 8.1
19	B. D.+19°1430	9	34 39.69	+ 0.87	−14.53	19 5 54.32	46.590	+ 9.12	+ 20.3	6 34 26.03	− 0.68	+19 44 31.8	+ 9.8
20	ε Geminorum	9	38 19.61	+ 0.90	**−14.49**	13 37 54.20	44.605	+ 9.12	+ 14.2	6 38 5.98	....	+25 13 23.1	....
21	B. D.+22°1456	9	39 26.22	+ 0.89	−14.53	15 55 54.40	43.228	+ 9.12	+ 16.7	6 39 12.58	− 0.71	+22 55 52.2	+ 8.8
22	B. D.+19°1492	9	44 16.56	+ 0.87	−14.53	19 33 54.88	47.060	+ 9.12	+ 20.9	6 44 2.90	− 0.72	+19 16 19.9	+10.0
23	B. D.+23°1518	9	46 28.37	+ 0.90	−14.53	15 7 54.68	46.335	+ 9.12	+ 15.9	6 46 14.74	− 0.75	+23 42 41.7	+ 8.6
24	B. D.+26°1405	9	53 10.56	+ 0.91	−14.53	12 37 53.60	47.762	+ 9.12	+ 13.2	6 52 56.94	− 0.79	+26 12 12.8	+ 7.8
25	B. D.+24°1502	9	56 51.96	+ 0.90	−14.53	14 29 55.42	45.790	+ 9.12	+ 15.2	6 56 38.33	− 0.80	+24 20 54.1	+ 8.5
26	B. D.+22°1566	9	59 49.77	+ 0.89	−14.53	16 3 54.45	46.468	+ 9.12	+ 16.9	6 59 36.13	− 0.80	+22 46 37.9	+ 9.0
27	B. D.+25°1594	9	3 59.98	+ 0.91	−14.53	12 57 55.50	45.755	+ 9.12	+ 13.6	7 3 46.36	− 0.83	+25 52 56.4	+ 8.1
28	B. D.+18°1538	9	9 32.57	+ 0.87	−14.53	20 7 54.82	44.425	+ 9.12	+ 21.5	7 9 18.91	− 0.83	+18 43 19.6	+10.4
29	λ Geminorum	9	12 52.61	+ 0.86	**−14.53**	22 7 54.50	46.438	+ 9.12	+ 23.9	7 12 38.94	....	+16 42 31.5	....
30	B. D.+19°1685	9	14 42.28	+ 0.87	−14.53	19 9 54.22	43.780	+ 9.12	+ 20.4	7 14 28.62	− 0.86	+19 41 36.0	+10.2
31	B. D.+27°1374	9	18 53.41	+ 0.92	−14.53	11 1 54.72	45.290	+ 9.12	+ 11.5	7 18 39.80	− 0.90	+27 49 9.6	+ 7.6
32	ι Geminorum	9	20 4.18	+ 0.92	**−14.50**	10 51 54.95	45.508	+ 9.12	+ 11.3	7 19 50.57	....	+27 59 5.1	....
33	B. D.+26°1564	9	22 25.05	+ 0.91	−14.53	12 25 55.12	45.622	+ 9.12	+ 13.0	7 22 11.43	− 0.91	+26 25 0.4	+ 8.1
34	B. D.+24°1686	9	26 23.39	+ 0.90	−14.53	14 7 54.22	48.055	+ 9.12	+ 14.9	7 26 9.76	− 0.92	+24 42 3.8	+ 8.7
35	B. D.+16°1510	9	28 25.87	+ 0.86	−14.53	22 49 52.85	43.470	+ 9.12	+ 24.8	7 28 12.20	− 0.91	+16 1 40.1	+11.4
36	B. D.+18°1701	9	34 14.16	+ 0.87	−14.53	20 57 54.48	44.555	+ 9.12	+ 22.6	7 34 0.50	− 0.93	+17 53 15.9	+10.9
37	B. D.+26°1633	9	38 33.92	+ 0.91	−14.53	12 49 54.15	47.038	+ 9.12	+ 13.5	7 38 20.30	− 0.97	+26 0 28.5	+ 8.5
38	B. D.+16°1551	9	40 58.09	+ 0.86	−14.53	22 9 55.05	47.910	+ 9.12	+ 24.0	7 40 44.42	− 0.96	+16 39 57.2	+11.3
39	B. D.+22°1803	9	47 37.21	+ 0.89	−14.53	16 15 55.65	46.575	+ 9.12	+ 17.2	7 47 23.57	− 0.99	+22 34 33.9	+ 9.6
40	B. D.+24°1806	9	50 40.12	+ 0.90	−14.53	14 57 55.60	47.278	+ 9.12	+ 15.8	7 50 26.49	− 1.01	+23 52 19.3	+ 9.2
41	B. D.+20°1976	9	55 30.68	+ 0.88	−14.53	18 45 54.55	46.870	+ 9.12	+ 20.0	7 55 17.03	− 1.02	+20 4 25.5	+10.4
42	B. D.+22°1845	9	58 28.68	+ 0.89	−14.53	16 29 56.62	47.878	+ 9.12	+ 17.5	7 58 15.04	− 1.03	+22 20 3.1	+ 9.7
43	B. D.+20°2003	9	2 9.99	+ 0.88	−14.53	18 45 53.92	44.460	+ 9.12	+ 20.0	8 1 56.34	− 1.04	+20 5 21.2	+10.4
44	B. D.+27°1544	9	3 15.72	+ 0.92	−14.53	11 5 55.42	44.990	+ 9.12	+ 11.6	8 3 2.11	− 1.07	+27 45 16.2	+ 8.2
45	B. D.+23°1913	9	8 18.72	+ 0.90	−14.53	15 25 55.00	44.832	+ 9.12	+ 16.3	8 8 5.09	− 1.07	+23 25 15.3	+ 9.5
46	β Cancri	9	11 36.66	+ 0.83	**−14.55**	29 21 54.50	46.168	+ 9.12	+ 33.2	8 11 22.96	....	+ 9 28 28.4	....
47	χ Cancri	9	14 32.44	+ 0.92	−14.53	11 19 54.72	44.755	+ 9.12	+ 11.8	8 14 18.83	− 1.10	+27 31 21.8	+ 8.4
48	B. D.+18°1923	9	16 43.39	+ 0.87	−14.53	20 55 53.72	47.900	+ 9.12	+ 22.6	8 16 29.73	− 1.09	+17 54 0.2	+11.1
49	B. D.+17°1842	9	20 42.03	+ 0.86	−14.53	21 29 55.35	44.232	+ 9.12	+ 23.2	8 20 28.36	− 1.10	+17 21 21.8	+11.2
50	B. D.+21°1844	9	22 50.05	+ 0.88	−14.53	17 23 55.05	43.515	+ 9.12	+ 18.5	8 22 36.40	− 1.11	+21 27 43.2	+10.1
51	B. D.+16°1754	9	27 32.39	+ 0.86	−14.53	22 47 54.35	43.865	+ 9.12	+ 24.8	8 27 18.72	− 1.12	+16 3 29.6	+11.5
52	B. D.+18°2191	9	31 29.60	+ 0.87	−14.53	20 3 54.08	43.432	+ 9.12	+ 21.6	8 31 15.94	− 1.14	+18 47 42.9	+10.9
53	B. D.+20°2144	9	33 56.84	+ 0.88	−14.53	18 55 54.15	44.368	+ 9.12	+ 20.3	8 33 43.19	− 1.14	+19 55 22.8	+10.6
54	B. D.+20°2172	9	35 30.88	+ 0.88	−14.53	18 47 54.30	44.932	+ 9.12	+ 20.1	8 35 17.23	− 1.15	+20 3 9.9	+10.6
55	δ Cancri	9	39 32.15	+ 0.87	**−14.55**	20 19 54.28	47.860	+ 9.12	+ 21.9	8 39 18.49	....	+18 30 1.2	....
56	ι Cancri	9	41 11.81	+ 0.93	**−14.46**	9 43 54.50	47.652	+ 9.12	+ 10.2	8 40 58.21	....	+29 6 17.4	....
57	ο Leonis	9	36 19.98	+ 0.83	**−14.56**	28 31 56.20	44.062	+ 9.12	+ 32.1	9 36 6.28	....	+10 19 15.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 5 29	30.22	37.7	37.3
5 57	......	....	35.8
6 19	30.22	35.6	34.8
6 42	......	....	34.0
7 16	30.23	34.3	33.3
10 6 7	29.70	43.2	43.3
6 33	......	....	43.1
7 1	29.73	42.4	42.3
7 24	......	....	41.7
7 51	29.755	41.3	41.0
8 18	......	....	40.7
8 42	29.765	40.1	40.1
9 34	29.785	39.1	39.6

Micrometer bisections are made at II, VI, except as noted below.

7, 32, 42, 44. Bisections at VI, VII.
16. Bisections at I, II, VI, VII.
20, 31, 57. Bisections at I, II.
35, 54. Bisections at II, VII.

Notes.

5. Clouds.
10–13. Brightness variable.
20. Micrometer reading decreased 1 rev.
46–57. Slightly unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+17°2120........	9	37 19.19	+ 0.86	−14.53	21 19 54.80	46.028	+ 9.12	+ 23.1	9 37 5.52	− 1.30	+17 30 41.4	+11.2
2	B. D.+ 9°2239........	9	42 29.21	+ 0.83	−14.53	29 49 55.25	46.272	+ 9.12	+ 33.9	9 42 15.51	− 1.33	+ 9 0 24.6	+12.5
3	B. D.+19°2270........	9	45 51.61	+ 0.87	−14.53	19 3 54.20	48.362	+ 9.12	+ 20.5	9 45 37.95	− 1.32	+19 45 51.2	+10.8
4	B. D.+ 8°2285........	9	49 19.99	+ 0.83	−14.53	30 19 55.72	44.265	+ 9.12	+ 34.6	9 49 6.29	− 1.34	+ 8 31 9.3	+12.5
5	B. D.+14°2170........	9	52 59.86	+ 0.85	−14.53	24 47 55.25	44.072	+ 9.12	+ 27.3	9 52 46.18	− 1.33	+14 3 21.5	+11.6
6	B. D.+18°2303........	9	55 44.59	+ 0.87	−14.53	20 49 54.85	44.900	+ 9.12	+ 22.5	9 55 30.93	− 1.33	+18 1 7.7	+11.0
7	B. D.+ 5°2280........	9	0 5.09	+ 0.82	−14.53	33 21 54.00	48.078	+ 9.12	+ 39.0	9 59 51.38	− 1.38	+ 5 27 39.5	+12.7
8	η Leonis................	9	2 24.33	+ 0.86	**−14.60**	21 37 54.58	44.250	+ 9.12	+ 23.5	10 2 10.66	.....	+17 13 21.8	....
9	B. D.+15°2171........	9	6 4.06	+ 0.85	−14.53	23 53 54.18	45.552	+ 9.12	+ 26.2	10 5 50.38	− 1.35	+14 56 49.8	+11.4
10	B. D.+11°2190........	9	9 2.12	+ 0.84	−14.53	27 31 55.25	46.085	+ 9.12	+ 30.9	10 8 48.43	− 1.36	+11 18 31.9	+11.8
11	B. D.+ 8°2336........	9	12 10.41	+ 0.83	−14.53	30 7 55.62	44.842	+ 9.12	+ 34.4	10 11 56.71	− 1.38	+ 8 42 56.4	+12.1
12	B. D.+ 5°2321........	9	16 1.19	+ 0.82	−14.53	33 43 55.20	43.718	+ 9.12	+ 39.5	10 15 47.48	− 1.40	+ 5 7 17.4	+12.4
13	B. D.+ 6°2301........	9	18 33.78	+ 0.82	−14.53	32 39 55.50	46.262	+ 9.12	+ 38.0	10 18 20.07	− 1.40	+ 6 10 20.5	+12.2
14	B. D.+ 7°2306........	9	22 42.43	+ 0.82	−14.53	31 9 54.78	42.500	+ 9.12	+ 35.8	10 22 28.72	− 1.40	+ 7 41 49.4	+12.0
15	B. D.+ 8°2369........	9	25 6.76	+ 0.83	−14.53	30 19 55.48	43.050	+ 9.12	+ 34.6	10 24 53.06	− 1.40	+ 8 31 37.3	+11.9
16	B. D.+ 5°2347........	9	27 37.61	+ 0.82	−14.53	33 43 55.00	42.512	+ 9.12	+ 39.5	10 27 23.90	− 1.42	+ 5 7 45.2	+12.1
17	B. D.+13°2280........	9	32 14.16	+ 0.85	−14.53	25 29 54.85	44.060	+ 9.12	+ 28.3	10 32 0.48	− 1.38	+13 21 21.1	+11.2
18	B. D.+ 9°2388........	9	36 40.00	+ 0.83	−14.53	29 47 55.78	43.825	+ 9.12	+ 33.9	10 36 26.30	− 1.40	+ 9 3 20.0	+11.6
19	37 Sextantis............	9	41 24.09	+ 0.82	−14.53	31 57 54.68	46.652	+ 9.12	+ 37.0	10 41 10.38	.....	+ 6 52 13.4	....
20	B. D.+ 8°2418........	9	44 1.31	+ 0.83	−14.53	30 7 55.78	44.295	+ 9.12	+ 34.4	10 43 47.61	− 1.41	+ 8 43 8.7	+11.5
21	B. D.+ 8°2422 (*fol.*)...	9	47 28.57	+ 0.82	−14.53	30 53 54.80	42.650	+ 9.12	+ 35.5	10 47 14.86	− 1.42	+ 7 57 46.2	+11.5
22	B. D.+10°2223........	9	51 6.79	+ 0.84	−14.53	28 13 55.30	43.305	+ 9.12	+ 31.8	10 50 53.10	− 1.40	+10 37 34.4	+11.2
23	B. D.+10°2230........	9	54 50.34	+ 0.83	−14.53	28 23 54.78	46.930	+ 9.12	+ 32.1	10 54 36.64	− 1.41	+10 26 11.8	+11.2
24	B. D.+ 1°2511........	9	57 45.98	+ 0.80	−14.53	37 29 54.82	43.445	+ 9.12	+ 45.5	10 57 32.25	− 1.47	+ 1 21 18.0	+11.5
25	B. D.+12°2300........	9	0 57.30	+ 0.84	−14.53	26 13 55.10	47.740	+ 9.12	+ 29.3	11 0 43.61	− 1.40	+12 35 55.8	+11.0
26	B. D.+ 0°2750........	9	3 59.07	+ 0.79	−14.53	38 53 53.48	44.470	+ 9.12	+ 47.9	11 3 45.33	− 1.48	− 0 3 6.4	+11.4
27	B. D.+ 3°2475........	9	9 15.69	+ 0.80	−14.53	36 3 54.32	44.360	+ 9.12	+ 43.2	11 9 1.96	− 1.46	+ 2 46 59.9	+11.1
28	B. D.+13°2379........	9	11 15.18	+ 0.85	−14.53	25 29 54.45	43.265	+ 9.12	+ 28.3	11 11 1.50	− 1.40	+13 21 39.7	+10.8
29	B. D.+ 0°2769........	9	14 55.71	+ 0.79	−14.53	38 29 53.32	47.058	+ 9.12	+ 47.3	11 14 41.97	− 1.48	+ 0 19 55.2	+11.0
30	B. D.+ 7°2443........	9	18 35.79	+ 0.82	−14.53	31 43 54.90	46.585	+ 9.12	+ 36.8	11 18 22.08	− 1.43	+ 7 6 14.9	+10.8
31	B. D.+ 6°2448........	9	20 32.42	+ 0.82	−14.53	32 35 54.10	43.255	+ 9.12	+ 38.0	11 20 18.71	− 1.43	+ 6 15 30.6	+10.8
32	τ Leonis................	9	23 18.30	+ 0.81	**−14.52**	35 27 55.05	45.495	+ 9.12	+ 42.3	11 23 4.58	....	+ 3 22 34.2	....
33	B. D.− 0°2447........	9	27 23.95	+ 0.79	−14.53	40 5 55.68	45.767	+ 9.12	+ 50.0	11 27 10.21	− 1.49	− 1 15 40.3	+10.6
34	B. D.+ 3°2521........	9	29 45.38	+ 0.81	−14.53	35 15 55.12	44.148	+ 9.12	+ 42.0	11 29 31.66	− 1.45	+ 3 35 5.2	+10.5
35	B. D.+ 8°2532........	9	33 48.86	+ 0.83	−14.53	30 11 54.78	43.592	+ 9.12	+ 34.6	11 33 35.16	− 1.41	+ 8 39 25.6	+10.5
36	B. D.+ 3°2539........	9	37 48.63	+ 0.80	−14.53	35 57 54.88	43.782	+ 9.12	+ 43.2	11 37 34.90	− 1.45	+ 2 53 12.6	+10.3
37	B. D.− 2°3410........	9	41 43.70	+ 0.78	−14.53	41 19 54.65	43.070	+ 9.12	+ 52.3	11 41 29.95	− 1.50	− 2 28 40.0	+10.0
38	B. D.− 6°3455........	9	44 35.16	+ 0.76	−14.53	45 39 54.65	46.562	+ 9.12	+1 0.9	11 44 21.39	− 1.55	− 6 50 8.4	+ 9.6
39	B. D.− 2°3433........	9	49 15.81	+ 0.78	−14.53	42 5 55.38	43.828	+ 9.12	+ 53.8	11 49 2.06	− 1.50	− 3 14 59.6	+ 9.6
40	B. D.+ 6°2525........	9	50 51.39	+ 0.82	−14.53	32 29 55.12	45.300	+ 9.12	+ 37.9	11 50 37.68	− 1.42	+ 6 20 42.9	+10.0
41	B. D.− 2°3446........	9	54 37.92	+ 0.78	−14.53	41 37 54.12	45.950	+ 9.12	+ 52.9	11 54 24.17	− 1.49	− 2 47 45.9	+ 9.5
42	π Virginis................	9	56 15.44	+ 0.82	**−14.55**	31 41 54.35	46.040	+ 9.12	+ 36.8	11 56 1.73	....	+ 7 8 27.9	....
43	o Virginis................	9	0 37.36	+ 0.83	**−14.57**	29 35 54.80	43.542	+ 9.12	+ 33.8	12 0 23.66	....	+ 9 15 27.5	....
	March 10, M.												
44	η Ursæ Majoris...........	9	44 2.55	+ 1.05	−14.52	349 3 54.95	46.635	+ 9.37	− 11.5	13 43 49.08	....	+49 47 1.6	....
45	7 Boötis..................	9	48 55.32	+ 0.86	−14.52	20 25 54.80	48.145	+ 9.39	+ 22.4	13 48 41.66	− 1.10	+18 23 53.4	+ 8.8
46	47 Hydræ.................	9	53 26.55	+ 0.68	−14.52	63 19 55.52	44.978	+ 9.41	+1 59.0	13 53 12.71	− 1.54	−24 30 31.4	− 0.2
47	τ Virginis................	9	57 3.63	+ 0.79	**−14.58**	36 49 55.40	46.510	+ 9.43	+ 44.9	13 56 49.90	....	+ 2 0 7.7	....
48	9 H. Boötis..............	9	4 22.49	+ 1.00	−14.52	354 33 52.55	43.500	+ 9.46	− 5.6	14 4 8.97	− 1.04	+44 18 9.8	+11.5
49	κ Virginis................	8	8 4.62	+ 0.75	**−14.50**	48 39 55.80	45.800	+ 9.47	+1 8.2	14 7 50.85	....	− 9 49 59.8	....
50	ι Boötis..................	8	13 2.58	+ 1.07	−14.52	347 3 54.98	43.908	+ 9.49	− 13.7	14 12 49.13	− 1.05	+51 48 6.0	+12.0
51	3 G. Libræ...............	9	19 38.53	+ 0.68	−14.52	63 11 55.18	44.988	+ 9.51	+1 58.4	14 19 24.69	− 1.42	−24 22 30.8	− 1.7
52	φ Virginis................	9	23 33.23	+ 0.78	−14.52	40 37 54.80	47.200	+ 9.53	+ 51.6	14 23 19.49	− 1.11	− 1 48 14.3	+ 4.0
53	56 B. Draconis...........	9	29 22.36	+ 1.17	−14.52	338 13 54.68	43.502	+ 9.55	− 23.9	14 29 9.01	− 1.07	+60 38 25.6	+12.3
54	c^1 Centauri..............	8	38 5.99	+ 0.63	−14.52	73 33 55.10	44.818	+ 9.59	+3 21.7	14 37 52.10	− 1.54	−34 45 49.8	− 5.7
55	109 Virginis...............	8	41 41.44	+ 0.79	**−14.49**	36 33 54.62	43.022	+ 9.60	+ 44.6	14 41 27.71	....	+ 2 17 28.6	....
56	8 Libræ..................	9	45 40.82	+ 0.73	**−14.56**	54 25 55.02	45.620	+ 9.62	+1 24.0	14 45 27.03	....	−15 36 10.8	....
57	381 G. Centauri...........	9	50 9.99	+ 0.63	−14.52	72 15 54.48	46.330	+ 9.64	+3 6.5	14 49 56.10	− 1.44	−33 28 8.9	− 6.1
58	2 H. Ursæ Minoris.......	9	56 18.38	+ 1.28	−14.52	332 33 51.00	44.012	+ 9.66	− 31.1	14 56 5.14	− 1.00	+66 18 24.9	+12.7
59	i Boötis (*mean*)..........	9	0 53.65	+ 1.03	−14.52	350 49 52.95	46.190	+ 9.68	− 9.6	15 0 40.16	− 0.78	+48 1 11.5	+12.2
60	57 B. Ursæ Minoris.......	5	7 51.61	+ 6.17	−14.52	311 15 51.88	47.375	+ 9.71	−1 8.2	15 7 43.26	....	+87 35 44.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 9 57	......	....	39.2
10 19	29.80	38.6	39.0
10 45	......	....	38.6
11 12	29.82	37.9	37.8
11 35	......	....	37.2
12 2	29.845	36.9	35.6
13 42	29.87	35.2	34.2
14 3	......	....	33.9
14 34	29.89	33.9	33.2
15 15	......	....	32.6

Micrometer bisections are made at II, VI, except as noted below.

29. Bisections at II, VII.
33. Bisections at II, VI, VII.
48. Bisections at III, VI.
54, 55. Bisections at VI, VII.
57. Bisections at I, II, VI.
58. Bisections at III, V.
60. Bisections at b_3, b_5, b_7.

Notes.

1-43. Unsteady.
44-60. Conditions poor.
54. Poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mars I, C.	9	21 36.56	+ 0.72	−14.52	55 35 56.95	45.096	+ 9.76	+1 27.8	15 21 22.76	+ 0.34	−16 46 4.7	....
2	Mars II.	9	21 37.29	+ 0.72	−14.52	... .	......	....	. ....	15 21 23.49	− 0.39	.. ..	....
3	ν^2 Boötis.	8	28 37.14	+ 0.98	−14.52	357 37 53.95	46.172	+ 9.79	− 2.4	15 28 23.60	− 0.64	+41 13 3.8	+11.5
4	B. D.+43°2510.	9	32 8.63	+ 1.00	−14.52	355 21 52.55	47.315	+ 9.80	− 4.8	15 31 55.11	− 0.62	+43 28 41.3	+11.8
5	13 H^1. Camelopardalis s. p.	8	37 14.88	+ 0.41	−14.52	285 49 53.70	43.222	+ 9.82	−3 28.7	3 37 0.77	+ 0.21	+66 54 22.2	− 6.8
6	β Serpentis.	9	42 2.52	+ 0.84	**−14.49**	23 7 56.02	45.052	+ 9.84	+ 25.8	15 41 48.84	.....	+15 42 59.1	....
7	151 H^1. Cephei s. p.	5	6 48.95	− 1.99	−14.52	304 11 58.50	43.268	+ 9.94	−1 28.3	4 6 32.44	.....	+85 18 28.5	....
	March 11, M.												
8	Sun I, S.	9	24 9.51	+ 0.75	−14.54	42 52 3.02	47.968	+ 9.46	+ 55.0	23 23 55.72	+64.76	− 4 2 43.3	....
9	Sun II, N.	9	26 19.04	+ 0.75	−14.54	42 20 2.75	47.448	+ 9.46	+ 54.0	23 26 5.25	−64.77	− 3 30 30.2	....
10	Venus I, S.	9	2 17.08	+ 0.87	−14.54	21 50 3.02	44.244	+ 9.34	+ 23.6	2 2 3.41	+ 1.17	+17 1 13.2	....
11	Moon I.	9	23 48.48	+ 0.87	−14.54	25 48	......	....	. ....	3 23 34.79	+63.55	.. ..	....
	March 12, Y.												
12	Mars I, C.	9	23 24.04	+ 0.71	−14.56	55 44 2.55	44.088	+ 9.17	+1 28.9	15 23 10.19	+ 0.32	−16 53 47.8	....
13	Mars II.	9	23 24.74	+ 0.71	−14.56	... .	......	....	. ....	15 23 10.89	− 0.38	.. ..	....
14	13 H^1. Camelopardalis s. p.	9	37 14.98	+ 0.08	−14.56	285 49 51.70	43.445	+ 9.17	−3 30.3	3 37 0.50	+ 0.29	+66 54 23.1	− 6.5
15	β Serpentis.	9	42 2.64	+ 0.86	**−14.58**	23 7 55.42	45.080	+ 9.17	+ 26.0	15 41 48.94	.....	+15 42 59.7	....
16	γ Serpentis.	9	52 18.24	+ 0.86	**−14.54**	22 51 54.40	47.322	+ 9.17	+ 25.7	15 52 4.54	.....	+15 58 9.6	....
17	151 H^1. Cephei s. p.	9	6 48.72	− 2.63	−14.56	304 11 51.12	43.678	+ 9.17	−1 29.0	4 6 31.53	.....	+85 18 28.8	....
18	ε Ophiuchi.	9	13 32.08	+ 0.77	**−14.55**	43 17 57.05	45.502	+ 9.17	+ 57.4	16 13 18.29	.....	− 4 27 43.1	....
19	ξ Coronæ Borealis.	9	18 37.78	+ 0.95	−14.56	7 43 55.65	47.062	+ 9.17	+ 8.3	16 18 24.17	− 0.47	+31 6 31.6	+ 9.5
20	β Herculis.	9	26 22.27	+ 0.89	**−14.56**	17 9 56.25	43.710	+ 9.17	+ 18.9	16 26 8.60	.....	+21 41 37.0	....
21	ζ Ophiuchi.	9	32 10.03	+ 0.74	**−14.56**	49 11 57.78	46.938	+ 9.17	+1 10.6	16 31 56.21	.....	−10 22 29.9	....
22	70 B. Ursæ Minoris.	5	34 55.75	+ 2.03	−14.56	321 13 51.92	46.022	+ 9.17	− 48.7	16 34 43.22	− 0.21	+77 37 55.9	+12.6
23	η Herculis.	9	39 52.22	+ 1.01	−14.56	359 45 54.40	43.772	+ 9.17	− 0.2	16 39 38.67	.....	+39 5 56.7	....
24	k Herculis.	9	45 56.67	+ 0.82	−14.56	31 25 55.40	45.615	+ 9.17	+ 37.3	16 45 42.93	− 0.42	+ 7 24 36.0	+ 3.1
25	ε Ursæ Minoris.	9	55 52.11	+ 2.78	−14.56	316 39 51.08	47.737	+ 9.17	− 57.3	16 55 40.33	.....	+82 11 26.2	....
26	η Ophiuchi.	9	5 10.00	+ 0.72	**−14.56**	54 25 56.12	46.158	+ 9.17	+1 25.3	17 4 56.16	.....	−15 36 24.9	....
	March 13, Y.												
27	Sun I, N.	9	31 30.36	+ 0.80	−14.53	41 33 56.58	44.628	+ 8.96	+ 53.4	23 31 16.63	+64.67	− 2 43 18.4	....
28	Sun II, S.	9	33 39.71	+ 0.80	−14.53	42 5 57.02	45.098	+ 8.96	+ 54.4	23 33 25.98	−64.68	− 3 15 30.7	....
29	Venus I, S.	9	7 28.58	+ 0.87	−14.53	21 7 57.80	44.416	+ 9.24	+ 23.1	2 7 14.92	+ 1.21	+17 43 15.1	....
30	Moon I, S.	9	7 58.34	+ 0.87	−14.53	21 45 57.58	44.902	+ 8.81	+ 23.9	5 7 44.68	+66.55	+17 5 3.9	....
	March 13, Ei.-Y.												
31	ζ Geminorum.	9	58 42.92	+ 0.85	**−14.48**	18 7 58.20	46.790	+ 8.59	+ 19.8	6 58 29.25	.....	+20 42 24.7	....
32	B. D.+25°1609.	9	7 13.25	+ 0.88	−14.52	12 55 56.22	47.420	+ 8.59	+ 13.9	7 6 59.61	− 0.79	+25 54 17.8	+ 8.0
33	δ Geminorum.	9	14 41.52	+ 0.86	**−14.49**	16 41 56.25	44.658	+ 8.59	+ 18.1	7 14 27.86	.....	+22 9 16.8	....
34	B. D.+20°1775.	9	16 35.09	+ 0.84	−14.52	18 13 56.72	44.725	+ 8.59	+ 19.9	7 16 21.41	− 0.82	+20 37 13.0	+ 9.9
35	ι Geminorum.	9	20 4.19	+ 0.89	**−14.53**	10 51 54.30	45.545	+ 8.59	+ 11.6	7 19 50.56	.....	+27 59 4.9	....
36	B. D.+28°1396.	9	23 39.92	+ 0.89	−14.52	10 31 56.50	46.442	+ 8.59	+ 11.3	7 23 26.29	− 0.87	+28 18 42.5	+ 7.5
37	B. D.+18°1653.	9	27 10.44	+ 0.84	−14.52	20 15 56.32	48.000	+ 8.59	+ 22.3	7 26 56.76	− 0.86	+18 33 56.1	+10.6
38	B. D.+20°1856.	9	31 44.94	+ 0.84	−14.52	18 27 56.08	47.695	+ 8.59	+ 20.2	7 31 31.26	− 0.88	+20 22 5.4	+10.1
39	B. D.+23°1780.	9	35 31.83	+ 0.86	−14.52	15 35 56.72	47.692	+ 8.59	+ 16.9	7 35 18.17	− 0.90	+23 14 8.2	+ 9.2
40	β Geminorum.	9	39 44.80	+ 0.89	**−14.45**	10 35 57.22	45.092	+ 8.59	+ 11.3	7 39 31.17	.....	+28 13 12.7	....
41	B. D.+24°1777.	9	43 50.37	+ 0.87	−14.52	14 7 56.65	44.428	+ 8.59	+ 15.2	7 43 36.72	− 0.94	+24 43 24.5	+ 8.8
42	B. D.+16°1580.	8	48 47.96	+ 0.82	−14.52	22 33 55.88	45.620	+ 8.59	+ 25.1	7 48 34.26	− 0.94	+16 16 48.4	+11.4
43	1 Cancri.	9	51 50.51	+ 0.82	−14.52	22 47 56.32	46.485	+ 8.59	+ 25.4	7 51 36.81	− 0.95	+16 2 27.7	+11.5
44	3 Cancri.	9	55 35.42	+ 0.83	−14.52	21 15 56.22	47.865	+ 8.59	+ 23.5	7 55 21.73	− 0.97	+17 33 58.1	+11.0
45	χ Geminorum.	9	57 55.71	+ 0.89	**−14.43**	10 47 56.90	44.320	+ 8.59	+ 11.6	7 57 42.08	.....	+28 3 30.3	....
46	B. D.+19°1911.	9	59 30.59	+ 0.84	−14.52	19 43 55.90	46.635	+ 8.59	+ 21.7	7 59 16.91	− 0.99	+19 6 28.4	+10.6
47	μ Cancri.	9	2 25.20	+ 0.85	−14.52	16 59 56.28	44.608	+ 8.59	+ 18.5	8 2 11.53	− 1.00	+21 51 17.5	+ 9.8
48	B. D.+26°1728.	9	4 43.37	+ 0.88	−14.52	12 43 56.50	44.800	+ 8.59	+ 13.7	8 4 29.73	− 1.02	+26 7 17.6	+ 8.6
49	B. D.+21°1792.	9	9 9.18	+ 0.85	−14.52	17 51 55.32	43.948	+ 8.59	+ 19.5	8 8 55.51	− 1.03	+20 59 32.5	+10.1
50	B. D.+21°1817.	9	15 3.36	+ 0.85	−14.52	17 47 56.90	46.165	+ 8.59	+ 19.4	8 14 49.69	− 1.05	+21 2 40.4	+10.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 15 45	......	....	32.1
16 11	29.94	32.4	31.5
11 23 26	30.095	43.2	43.6
2 2	30.07	46.5	46.5
12 15 21	30.10	33.1	32.1
15 47	......	....	31.1
16 19	30.11	31.8	30.3
16 44	......	....	29.8
17 8	30.12	30.6	29.2
13 23 34	30.14	37.8	36.1
2 7	30.095	40.8	39.9
5 8	30.065	38.4	37.7
6 56	[illegible]	35.4	35.1
7 25	......	....	34.7
7 53	30.06	34.3	34.1

Micrometer bisections are made at II, VI, except as noted below.

1, 10, 12, 29.	Bisections at I, II, VI, VII.
3.	Bisections at III, V.
5, 25.	Bisections at III, IV, V.
7.	Bisections at b_3, b_5, b_7.
8, 27.	Bisections at I, II.
9, 15, 28, 31, 42.	Bisections at VI, VII.
14.	Bisections at III, IV.
17.	Bisections at b_1, b_2, b_5, b_8, b_9.
22, 23.	Bisections at V, VI.
26.	Bisections at II, VI, VII.
30.	Bisections at II, III, IV, V, VI.

Notes.

1–7.	Conditions poor.
5.	Poor.
14.	Faint.
25.	Right ascension observed eye and ear.
38.	Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 8.1	.. ....	0.0	+ 8.1
8	+ 6.0	+16 6.5	...	+16 12.5
9	+ 5.9	−16 6.5	...	−16 0.6
10	+ 6.4	+ 16.7	...	+ 23.1
12	+ 8.2	.. ....	0.0	+ 8.2
27	+ 5.8	−16 6.1	...	−16 0.3
28	+ 5.9	+16 6.1	...	+16 12.0
29	+ 6.3	+ 17.2	...	+ 23.5
30	+20 36.8	+15 16.4	...	+35 53.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. +15°1805	9	16 52.38	+ 0.82	−14.52	23 45 55.18	47.618	+ 8.59	+ 26.6	8 16 38.68	− 1.05	+15 4 1.7	+11.8
2	B. D. +27°1612 (*pr.*)	5	21 17.10	+ 0.89	−14.52	11 35 51.02	47.065	+ 8.59	+ 12.5	8 21 3.47	− 1.08	+27 14 32.2	+ 8.4
3	B. D. +27°1612 (*fol.*)	5	21 17.32	+ 0.89	−14.52	11 35 51.02	46.895	+ 8.59	+ 12.5	8 21 3.69	− 1.08	+27 14 36.7	+ 8.4
4	29 Cancri	9	23 34.12	+ 0.82	−14.52	24 19 55.18	44.178	+ 8.59	+ 27.3	8 23 20.42	− 1.07	+14 31 19.9	+11.9
5	B. D. +15°1845	9	28 42.84	+ 0.82	−14.52	23 49 55.38	48.542	+ 8.59	+ 26.7	8 28 29.14	− 1.09	+14 59 40.3	+11.8
6	B. D. +20°2136	9	33 9.19	+ 0.84	−14.52	18 17 57.05	47.392	+ 8.59	+ 20.0	8 32 55.51	− 1.11	+20 32 11.6	+10.4
7	B. D. +20°2159	9	34 58.56	+ 0.84	−14.52	18 31 54.92	47.365	+ 8.59	+ 20.3	8 34 44.88	− 1.11	+20 18 14.0	+10.4
8	B. D. +20°2185	9	36 37.59	+ 0.84	−14.52	18 37 55.65	46.405	+ 8.59	+ 20.4	8 36 23.91	− 1.12	+20 12 35.1	+10.4
9	δ Cancri	9	39 32.08	+ 0.84	**−14.49**	20 19 55.38	47.778	+ 8.59	+ 22.5	8 39 18.40	....	+18 30 2.0	....
10	B. D. +20°2207	9	40 37.32	+ 0.84	−14.52	18 27 56.78	47.975	+ 8.59	+ 20.2	8 40 23.64	− 1.13	+20 21 58.3	+10.4
11	B. D. +18°2057	9	45 32.41	+ 0.83	−14.52	20 29 57.35	44.562	+ 8.59	+ 22.6	8 45 18.72	− 1.14	+18 21 13.4	+10.9
12	B. D. +14°1989	9	48 45.60	+ 0.81	−14.52	24 39 55.85	44.510	+ 8.59	+ 27.8	8 48 31.89	− 1.16	+14 11 10.9	+12.0
13	ζ Hydræ	9	50 37.32	+ 0.78	**−14.48**	32 31 55.75	46.602	+ 8.59	+ 38.6	8 50 23.58	....	+ 6 18 12.4	....
14	B. D. +18°2090	9	53 10.71	+ 0.84	−14.52	20 9 56.42	46.918	+ 8.59	+ 22.3	8 52 57.03	− 1.17	+18 40 20.8	+10.9
15	ν Cancri	9	57 25.99	+ 0.87	−14.52	14 1 54.98	44.385	+ 8.59	+ 15.2	8 57 12.34	− 1.19	+24 49 27.2	+ 9.4
16	B. D. +17°2007	9	1 10.98	+ 0.83	−14.52	21 21 55.25	44.110	+ 8.59	+ 23.7	9 0 57.29	− 1.19	+17 29 24.7	+11.1
17	B. D. +17°2018	9	3 30.71	+ 0.83	−14.52	21 45 54.22	45.390	+ 8.59	+ 24.2	9 3 17.02	− 1.20	+17 4 56.0	+11.2
18	B. D. +20°2282	9	6 36.49	+ 0.85	−14.52	18 5 56.62	46.958	+ 8.59	+ 19.8	9 6 22.82	− 1.21	+20 44 22.1	+10.4
19	B. D. +15°2009	9	10 14.19	+ 0.82	−14.52	23 29 55.58	47.812	+ 8.59	+ 26.4	9 10 0.49	− 1.22	+15 19 57.1	+11.6
20	B. D. + 8°2199	9	13 1.98	+ 0.79	−14.52	30 29 55.55	46.178	+ 8.59	+ 35.7	9 12 48.25	− 1.24	+ 8 20 25.2	+13.0
21	B. D. +22°2082	8	16 49.67	+ 0.85	−14.52	16 55 55.52	48.068	+ 8.59	+ 18.5	9 16 36.00	− 1.24	+21 53 59.2	+10.2
22	B. D. +14°2095	9	21 59.21	+ 0.82	−14.52	24 7 56.28	45.652	+ 8.59	+ 27.2	9 21 45.51	− 1.25	+14 42 44.9	+11.7
23	B. D. +22°2100	9	25 15.18	+ 0.86	−14.52	16 37 56.52	43.825	+ 8.59	+ 18.1	9 25 1.52	− 1.26	+22 13 35.5	+10.1
24	B. D. + 7°2147	9	27 45.61	+ 0.78	−14.52	31 21 54.65	45.215	+ 8.59	+ 36.9	9 27 31.87	− 1.28	+ 7 28 46.9	+13.0
25	B. D. +17°2109	9	32 3.14	+ 0.83	−14.52	21 59 55.50	43.488	+ 8.59	+ 24.5	9 31 49.45	− 1.27	+16 51 37.9	+11.2
26	ο Leonis	9	36 19.94	+ 0.80	**−14.51**	28 31 56.45	44.012	+ 8.59	+ 32.9	9 36 6.22	.....	+10 19 16.6	....
27	ε Leonis	9	40 42.62	+ 0.87	**−14.52**	14 37 55.88	46.725	+ 8.59	+ 15.9	9 40 28.97	.....	+24 12 32.1	....
28	B. D. +15°2115	9	44 16.84	+ 0.82	−14.52	23 25 55.38	48.242	+ 8.59	+ 26.3	9 44 3.14	− 1.30	+15 23 47.6	+11.4
	March 13, Br.												
29	β Libræ	9	12 8.56	+ 0.73	**−14.63**	47 51 58.88	45.765	+ 9.02	+1 7.4	15 11 54.68	.....	− 9 2 0.8	....
30	μ Boötis	9	21 8.49	+ 0.97	−14.61	1 7 55.35	47.732	+ 9.02	+ 1.3	15 20 54.85	.....	+37 42 23.7	....
31	Mars I, C.	9	24 14.53	+ 0.69	−14.61	55 47 57.55	47.606	+ 9.02	+1 29.6	15 24 0.61	+ 0.37	−16 57 28.3	....
32	Mars II	9	24 15.34	+ 0.69	−14.61	... .	......	....	. ....	15 24 1.42	− 0.44	.. ..	....
33	φ Boötis	9	34 39.22	+ 1.00	−14.61	358 11 55.65	44.832	+ 9.02	− 1.8	15 34 25.61	− 0.69	+40 39 32.9	+11.2
34	γ Coronæ Borealis	9	38 59.61	+ 0.90	−14.61	12 15 57.10	44.008	+ 9.02	+ 13.3	15 38 45.90	− 0.70	+26 35 35.1	+ 8.9
35	12 H. Draconis	9	45 27.01	+ 1.28	−14.61	335 57 53.30	46.562	+ 9.02	− 27.1	15 45 13.68	− 0.70	+62 53 21.0	+12.8
36	π Scorpii	9	53 21.13	+ 0.65	−14.61	64 39 57.08	44.160	+ 9.02	+2 8.6	15 53 7.17	− 1.00	−25 50 23.5	− 6.3
37	β¹ Scorpii	9	0 9.53	+ 0.69	**−14.66**	58 21 56.00	46.315	+ 9.02	+1 39.0	15 59 55.61	....	−19 32 42.1	....
38	τ Coronæ Borealis	9	5 44.04	+ 0.97	−14.61	2 7 55.82	44.222	+ 9.02	+ 2.3	16 5 30.40	− 0.55	+36 43 42.5	+10.5
39	δ Ophiuchi	9	9 36.56	+ 0.77	**−14.65**	42 17 57.58	43.800	+ 9.02	+ 55.6	16 9 22.72	....	− 3 27 2.8	....
40	ε Ophiuchi	9	13 32.21	+ 0.76	**−14.64**	43 17 57.52	45.480	+ 9.02	+ 57.6	16 13 18.36	....	− 4 27 43.1	....
41	23 Herculis	9	19 31.84	+ 0.95	−14.61	6 17 55.38	45.708	+ 9.02	+ 6.8	16 19 18.18	− 0.49	+32 33 4.7	+ 9.7
42	ζ Ophiuchi	9	32 10.13	+ 0.74	**−14.63**	49 13 57.98	41.685	+ 9.02	+1 10.8	16 31 56.26	....	−10 22 30.1	....
43	42 Herculis	8	36 23.96	+ 1.09	−14.61	349 43 54.50	47.742	+ 9.02	− 11.0	16 36 10.44	− 0.36	+49 6 36.8	+12.0
44	ε Scorpii	9	44 15.28	+ 0.61	−14.61	72 55 56.58	43.130	+ 9.02	+3 17.3	16 44 1.28	....	−34 7 8.1	....
45	24 Ophiuchi	9	51 18.77	+ 0.68	−14.61	61 49 56.35	43.558	+ 9.02	+1 53.9	16 51 4.84	− 0.58	−22 59 54.3	− 7.2
46	117 G. Scorpii	9	55 58.60	+ 0.62	−14.61	70 47 57.62	46.432	+ 9.02	+2 54.6	16 55 44.61	− 0.62	−32 0 1.9	−10.4
47	η Ophiuchi	9	5 10.14	+ 0.72	**−14.67**	54 25 56.85	46.118	+ 9.02	+1 25.4	17 4 56.25	....	−15 36 24.8	....
48	α Herculis	9	10 33.06	+ 0.86	**−14.67**	24 21 55.15	42.898	+ 9.02	+ 27.7	17 10 19.31	....	+14 29 48.1	....
	March 14, Br.												
49	Sun I, N.	9	35 10.32	+ 0.79	−14.59	41 9 57.32	45.540	+ 9.23	+ 52.1	23 34 56.52	+64.74	− 2 19 39.0	....
50	Sun II, S.	9	37 19.80	+ 0.79	−14.59	41 41 56.78	46.072	+ 9.23	+ 53.1	23 37 6.00	−64.74	− 2 51 51.7	....
51	Moon I, N.	9	3 33.31	+ 0.85	−14.59	20 23 57.00	42.062	+ 8.70	+ 22.2	6 3 19.57	+67.99	+18 28 11.2	....
52	Moon S.	.	.. ..	....	.....	20 53 55.95	46.005	+ 8.70	+ 22.8	.. ..	.....	+17 56 41.4	....
	March 15, M.												
53	Sun I, N.	9	38 49.92	+ 0.75	−14.49	40 45 55.78	46.548	+ 9.38	+ 52.0	23 38 36.18	+64.64	− 1 56 0.5	....
54	Sun II, S.	9	40 59.19	+ 0.75	−14.49	41 17 56.20	46.908	+ 9.38	+ 53.0	23 40 45.45	−64.63	− 2 28 10.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 8 19	......	....	[illegible]
8 47	30.066	[illegible]	[illegible]
9 14	......	....	32.2
9 45	30.06	31.9	32.1
15 12	[illegible]	[illegible]	28.0
15 39	......	....	27.9
16 14	30.03	28.0	27.2
[illegible]	......	....	27.1
17 14	30.03	27.9	27.1
14 23 37	30.09	41.1	40.4
6 6	[illegible]	40.1	39.5
15 23 41	30.32	[illegible]	[illegible]

Micrometer bisections are made at II, VI, except as noted below.

2, 49, 51.	Bisections at I. II.
3, 4, 41, 43, 50, 52.	Bisections at VI, VII.
13.	Bisections at II, VII.
31.	Z. D. threads C used.
31.	Bisections at I, II, VI, VII.
33.	Bisections at III, V.
35.	Bisections at b_2, b_8.
53.	Bisections at I, II, III.
54.	Bisections at V, VI, VII.

Note.

22–25. Images poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
31	+ 8.3	.. ....	0.0	+ 8.3
49	+ 5.8	−16 6.3	...	−16 0.5
50	+ 5.9	+16 6.3	...	+16 12.2
51	+19 38.5	−15 30.3	+ 0.1	+ 4 8.3
52	+20 7.8	+15 30.3	...	+35 38.1
53	+ 5.8	−16 4.9	...	−15 59.1
54	+ 5.8	+16 4.9	...	+16 10.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, S.	9	12 24.13	+ 0.83	−14.49	20 27 55.35	44.565	+ 9.35	+ 22.3	2 12 10.47	+ 1.25	+18 23 14.8	....
2	51 H. Cephei	5	56 28.84	+ 6.45	−14.47	311 39 53.95	46.402	+ 8.58	−1 7.3	6 56 20.82	.....	+87 12 4.5	....
3	Moon I, N.	9	1 16.49	+ 0.85	−14.47	20 33 56.48	45.909	+ 8.58	+ 22.7	7 1 2.87	+69.14	+18 16 43.4	....
4	λ Ursæ Minoris s. p.	7	16 51.21	−15.08	−14.47	307 51 52.62	46.301	+ 8.58	−1 17.0	19 16 21.66	.....	+88 59 41.3	....
5	225 B. Draconis s. p.	9	27 40.11	− 0.79	−14.47	298 17 55.85	44.822	+ 8.58	−1 51.1	19 27 24.85	+ 2.36	+79 24 37.2	+ 9.7
6	25 Monocerotis	9	32 47.97	+ 0.72	−14.47	42 43 59.15	46.900	+ 8.58	+ 55.7	7 32 34.22	.....	− 3 54 14.9	....
7	κ Geminorum	9	38 57.37	+ 0.87	**−14.47**	14 13 55.90	44.498	+ 8.58	+ 15.3	7 38 43.77	.....	+24 37 23.6	....
8	π Geminorum	9	41 37.50	+ 0.93	−14.47	5 11 55.68	46.420	+ 8.58	+ 5.6	7 41 23.96	.....	+33 38 49.8	....
9	26 Lyncis	9	48 2.42	+ 1.05	−14.47	351 1 55.50	47.620	+ 8.58	− 9.4	7 47 49.00	.....	+47 48 37.2	....
10	1 Cancri	9	51 50.49	+ 0.82	−14.47	22 47 57.28	46.495	+ 8.58	+ 25.4	7 51 36.84	.....	+16 2 26.5	....
11	χ Geminorum	9	57 55.67	+ 0.89	**−14.42**	10 47 57.60	44.342	+ 8.58	+ 11.6	7 57 42.09	.....	+28 3 29.1	....
12	ζ Cancri	9	7 0.45	+ 0.83	−14.47	20 55 55.45	42.920	+ 8.58	+ 23.1	8 6 46.81	.....	+17 55 52.3	....
13	β Cancri	9	11 36.58	+ 0.79	**−14.49**	29 21 55.92	46.115	+ 8.58	+ 34.0	8 11 22.90	.....	+ 9 28 27.9	....
14	ο Ursæ Majoris	9	22 37.48	+ 1.23	−14.47	337 49 52.48	44.332	+ 8.58	− 24.5	8 22 24.24	.....	+61 2 10.4	....
15	η Cancri	9	27 27.69	+ 0.84	**−14.43**	18 5 56.82	43.590	+ 8.58	+ 19.8	8 27 14.06	.....	+20 45 38.9	....
16	σ Hydræ	9	34 2.39	+ 0.76	−14.47	35 0 56.98	46.312	+ 8.58	+ 42.6	8 33 48.68	.....	+ 3 40 13.8	....
17	γ Cancri	9	38 2.14	+ 0.85	**−14.43**	17 1 56.72	46.838	+ 8.58	+ 18.6	8 37 48.50	.....	+21 48 26.0	....
18	ε Hydræ	9	41 59.64	+ 0.78	**−14.48**	32 3 56.98	47.665	+ 8.58	+ 37.9	8 41 45.95	.....	+ 6 45 47.6	....
19	σ² Cancri (*mean*)	9	48 41.79	+ 0.91	−14.47	7 55 57.08	42.618	+ 8.58	+ 8.5	8 48 28.23	.....	+30 56 12.1	....
20	ρ Ursæ Majoris	9	54 14.49	+ 1.42	−14.47	330 51 51.55	45.132	+ 8.58	− 33.6	8 54 1.44	− 2.05	+68 0 2.0	− 1.3
21	κ Cancri	9	2 51.07	+ 0.80	**−14.48**	27 47 57.20	45.265	+ 8.58	+ 31.9	9 2 37.40	.....	+11 2 48.2	....
22	θ Hydræ	9	9 40.35	+ 0.76	**−14.47**	36 7 57.12	45.128	+ 8.58	+ 44.2	9 9 26.64	.....	+ 2 42 39.1	....
	March 15, Y.												
23	1 Lupi	9	9 3.28	+ 0.60	−14.46	69 57 59.38	46.212	+ 8.14	+2 46.4	15 8 49.42	− 1.42	−31 9 49.6	− 5.6
24	β Libræ	9	12 8.48	+ 0.73	**−14.50**	47 51 58.32	45.838	+ 8.14	+1 7.4	15 11 54.75	.....	− 9 2 1.0	....
25	μ Boötis	9	21 8.41	+ 0.97	−14.46	1 7 53.28	47.855	+ 8.14	+ 1.3	15 20 54.92	.....	+37 42 23.9	....
26	Mars I, C.	9	25 49.28	+ 0.69	−14.46	55 53 56.30	46.150	+ 8.14	+1 30.0	15 25 35.51	+ 0.35	−17 4 28.6	....
27	Mars II	9	25 50.03	+ 0.69	−14.46	... .	......	....	. ....	15 25 36.26	− 0.40	.. ..	....
28	φ Boötis	9	34 39.15	+ 0.99	−14.46	358 11 53.48	44.978	+ 8.14	− 1.8	15 34 25.68	− 0.75	+40 39 32.6	+11.1
29	12 H. Draconis	9	45 26.97	+ 1.27	−14.46	335 57 51.78	46.680	+ 8.14	− 27.1	15 45 13.78	− 0.79	+62 53 20.6	+12.6
30	π Scorpii	9	53 21.09	+ 0.64	−14.46	64 39 56.80	44.212	+ 8.14	+2 8.5	15 53 7.27	− 1.06	−25 50 23.4	− 6.1
31	β¹ Scorpii	9	0 9.44	+ 0.68	**−14.51**	58 21 53.95	46.465	+ 8.14	+1 39.0	15 59 55.66	.....	−19 32 42.6	....
32	τ Coronæ Borealis	9	5 43.96	+ 0.96	−14.46	2 7 54.15	44.315	+ 8.14	+ 2.3	16 5 30.46	− 0.60	+36 43 42.9	+10.5
33	δ Ophiuchi	9	9 36.42	+ 0.76	**−14.44**	42 17 55.50	43.932	+ 8.14	+ 55.5	16 9 22.72	.....	− 3 27 2.8	....
34	ε Ophiuchi	9	13 32.11	+ 0.75	**−14.48**	43 17 56.20	45.575	+ 8.14	+ 57.5	16 13 18.40	.....	− 4 27 43.0	....
35	23 Herculis	9	19 31.75	+ 0.94	−14.46	6 17 54.10	45.805	+ 8.14	+ 6.8	16 19 18.23	− 0.55	+32 33 4.7	+ 9.7
36	g Herculis	9	25 45.26	+ 1.01	−14.46	356 45 53.60	45.920	+ 8.14	− 3.4	16 25 31.81	− 0.50	+42 5 12.5	+11.2
37	ζ Ophiuchi	9	32 10.03	+ 0.73	**−14.47**	49 13 56.62	41.770	+ 8.14	+1 10.7	16 31 56.30	.....	−10 22 29.7	....
38	42 Herculis	6	36 23.95	+ 1.07	−14.46	349 43 52.02	47.922	+ 8.14	− 11.0	16 36 10.56	− 0.43	+49 6 36.0	+12.0
39	ε Scorpii	9	44 15.16	+ 0.59	−14.46	72 55 54.85	43.212	+ 8.14	+3 16.9	16 44 1.29	.....	−34 7 6.8	....
40	24 Ophiuchi	9	51 18.62	+ 0.66	−14.46	61 49 55.82	43.562	+ 8.14	+1 53.7	16 51 4.82	− 0.65	−22 59 52.7	− 7.0
41	η Ophiuchi	9	5 10.07	+ 0.70	**−14.52**	54 25 55.55	46.220	+ 8.14	+1 25.3	17 4 56.31	.....	−15 36 24.7	....
42	α Herculis	9	10 32.88	+ 0.84	**−14.42**	24 21 53.45	43.022	+ 8.14	+ 27.7	17 10 19.26	.....	+14 29 47.8	....
	March 16, Y.												
43	Sun I, S.	9	42 29.23	+ 0.76	−14.47	40 53 55.95	48.030	+ 8.38	+ 50.4	23 42 15.52	+64.56	− 2 4 32.0	....
44	Sun II, N.	9	44 38.35	+ 0.76	−14.47	40 21 54.45	47.625	+ 8.38	+ 49.5	23 44 24.64	−64.56	− 1 32 20.4	....
45	Venus I, S.	9	14 45.59	+ 0.85	−14.47	20 7 54.18	46.799	+ 7.60	+ 21.1	2 14 31.97	+ 1.27	+18 42 27.9	....
	March 16, Ei.-Y.												
46	δ Geminorum	9	14 41.47	+ 0.80	**−14.44**	16 41 55.85	44.780	+ 7.12	+ 17.4	7 14 27.77	.....	+22 9 16.6	....
47	ι Geminorum	8	20 4.15	+ 0.85	**−14.51**	10 51 54.95	45.595	+ 7.12	+ 11.2	7 19 50.50	.....	+27 59 4.7	....
48	B. D.+24°1659	9	21 28.13	+ 0.82	−14.50	14 43 54.90	45.972	+ 7.12	+ 15.3	7 21 14.45	− 0.80	+24 6 52.3	+ 8.7
49	B. D.+28°1400	9	24 8.79	+ 0.85	−14.50	10 43 55.10	46.875	+ 7.12	+ 11.1	7 23 55.14	− 0.82	+28 6 35.7	+ 7.4
50	B. D.+21°1630	9	27 10.89	+ 0.79	−14.50	17 13 55.70	46.938	+ 7.12	+ 18.0	7 26 57.18	− 0.82	+21 36 26.8	+ 9.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 2 12	30.26	42.8	43.2
6 54	30.23	38.0	37.4
7 36	......	....	37.0
7 55	30.24	37.5	36.5
8 20	......	....	36.0
8 46	......	....	35.6
9 12	30.24	36.0	35.0
15 2	30.165	31.3	30.2
15 31	......	....	30.0
15 50	30.155	31.2	29.9
16 23	......	....	29.8
16 48	30.155	30.7	29.8
17 13	30.155	30.3	29.5
16 23 45	30.14	49.5	52.6
2 15	30.08	56.9	58.9
7 12	30.03	53.1	52.7

Micrometer bisections are made at II, VI, except as noted below.

1, 45. Bisections at I, II, VI, VII.
2. Bisections at b_2, b_5, b_6.
3. Bisections at II, III, IV, V, VI.
4. Bisections at b_2, b_4, b_5, b_6, b_8.
5. Bisections at III, IV, V.
8, 35, 44. Bisections at VI, VII.
26, 39, 40, 41. Bisections at II, VI, VII.
28, 29, 36. Bisections at III, V.
38. Bisections at V, VII.
43, 47. Bisections at I, II.

Notes.

12. Assumed that mean of close double was observed.
39. Woolly and unsteady.
40. Diffuse and unsteady.
49, 50. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.3	+ 17.7	...	+ 24.0
3	+20 9.2	−15 45.8	...	+ 4 23.4
26	+ 8.5	.. ....	0.0	+ 8.5
43	+ 5.8	+16 5.8	...	+16 11.6
44	+ 5.7	−16 5.7	...	−16 0.0
45	+ 6.3	+ 17.9	...	+ 24.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+19°1784	9	32 13.09	+ 0.78	−14.50	19 43 54.80	43.410	+ 7.12	+ 20.8	7 31 59.37	− 0.83	+19 7 45.5	+10.4
2	B. D.+26°1625	9	35 43.88	+ 0.83	−14.50	12 43 54.30	47.358	+ 7.12	+ 13.2	7 35 30.21	− 0.86	+26 6 23.4	+ 8.2
3	B. D.+20°1893	8	39 49.35	+ 0.79	−14.50	18 17 54.48	46.878	+ 7.12	+ 19.3	7 39 35.64	− 0.87	+20 32 28.1	+10.0
4	B. D.+17°1684	9	45 23.97	+ 0.76	−14.50	21 43 53.75	45.400	+ 7.12	+ 23.2	7 45 10.23	− 0.88	+17 6 58.5	+11.0
5	φ Geminorum	9	47 55.72	+ 0.84	**−14.52**	11 49 54.40	46.975	+ 7.12	+ 12.2	7 47 42.06	.....	+27 0 32.7	....
6	B. D.+21°1714	9	48 52.39	+ 0.79	−14.50	17 29 54.78	45.585	+ 7.12	+ 18.4	7 48 38.68	− 0.90	+21 20 58.2	+ 9.8
7	B. D.+16°1598	9	53 21.02	+ 0.76	−14.50	22 3 53.62	47.215	+ 7.12	+ 23.6	7 53 7.28	− 0.92	+16 46 16.9	+11.2
8	B. D.+25°1816	9	56 14.72	+ 0.82	−14.50	13 29 54.85	45.940	+ 7.12	+ 14.0	7 56 1.04	− 0.94	+25 20 54.4	+ 8.6
9	Moon I, N.	9	0 38.37	+ 0.78	−14.50	21 55 53.72	43.793	+ 7.12	+ 23.4	8 0 24.63	+69.88	+16 55 35.2	....
10	ψ Cancri	9	4 58.66	+ 0.83	−14.50	13 3 54.48	44.165	+ 7.12	+ 13.5	8 4 44.99	− 0.98	+25 47 35.8	+ 8.5
11	B. D.+25°1880	9	9 16.92	+ 0.82	−14.50	13 49 54.22	45.170	+ 7.12	+ 14.4	8 9 3.24	− 0.99	+25 1 12.3	+ 8.8
12	β Cancri	9	11 36.73	+ 0.72	**−14.59**	29 21 54.02	46.318	+ 7.12	+ 32.8	8 11 22.95	.....	+ 9 28 27.9	....
13	B. D.+24°1909	9	15 8.08	+ 0.82	−14.50	14 31 54.12	45.355	+ 7.12	+ 15.1	8 14 54.40	− 1.01	+24 19 7.4	+ 9.0
14	B. D.+16°1704	9	17 24.40	+ 0.76	−14.50	22 21 53.58	48.578	+ 7.12	+ 24.0	8 17 10.66	− 1.01	+16 27 45.4	+11.3
15	B. D.+13°1912	9	21 43.56	+ 0.74	−14.50	25 51 54.58	48.030	+ 7.12	+ 28.3	8 21 29.80	− 1.03	+12 57 52.7	+12.3
16	B. D.+22°1941	9	24 38.06	+ 0.80	−14.50	16 29 55.38	46.588	+ 7.12	+ 17.3	8 24 24.36	− 1.04	+22 20 35.8	+ 9.7
17	B. D.+13°1940	9	28 44.19	+ 0.74	−14.50	25 15 54.15	45.848	+ 7.12	+ 27.5	8 28 30.43	− 1.06	+13 34 43.8	+12.1
18	B. D.+17°1896	9	33 21.25	+ 0.76	−14.50	21 27 53.90	44.495	+ 7.12	+ 22.9	8 33 7.51	− 1.07	+17 23 19.5	+11.1
19	B. D.+19°2069	9	35 8.49	+ 0.78	−14.50	19 9 54.98	45.670	+ 7.12	+ 20.3	8 34 54.77	− 1.08	+19 40 54.2	+10.4
20	B. D.+16°1802	9	37 48.10	+ 0.76	−14.50	22 3 53.22	44.785	+ 7.12	+ 23.6	8 37 34.36	− 1.09	+16 47 12.9	+11.2
21	B. D.+21°1909	9	41 6.80	+ 0.79	−14.50	17 53 54.65	43.862	+ 7.12	+ 18.8	8 40 53.09	− 1.10	+20 57 37.3	+10.1
22	B. D.+19°2110	9	45 35.63	+ 0.78	−14.50	19 39 54.35	45.400	+ 7.12	+ 20.9	8 45 21.91	− 1.11	+19 11 0.4	+10.6
23	B. D.+22°2014	8	49 4.06	+ 0.80	−14.50	16 15 54.38	47.125	+ 7.12	+ 17.1	8 48 50.36	− 1.13	+22 34 24.7	+ 9.7
24	α Cancri	9	53 32.50	+ 0.73	**−14.49**	26 37 55.22	44.220	+ 7.12	+ 29.2	8 53 18.73	.....	+12 13 18.2	....
25	B. D.+22°2039	9	57 32.39	+ 0.80	−14.50	16 57 55.12	44.478	+ 7.12	+ 17.8	8 57 18.69	− 1.15	+21 53 23.8	+ 9.9
26	B. D.+16°1901	9	1 10.24	+ 0.76	−14.50	22 35 53.15	47.112	+ 7.12	+ 24.3	9 0 56.50	− 1.16	+16 14 19.1	+11.4
27	B. D.+18°2129	9	3 57.76	+ 0.77	−14.50	20 59 53.65	45.180	+ 7.12	+ 22.4	9 3 44.03	− 1.17	+17 51 4.6	+10.9
28	B. D.+ 9°2133	9	6 36.06	+ 0.71	−14.50	29 27 54.72	48.432	+ 7.12	+ 33.0	9 6 22.27	− 1.19	+ 9 21 38.7	+12.9
29	B. D.+20°2293	9	10 56.17	+ 0.78	−14.50	18 21 52.70	48.390	+ 7.12	+ 19.4	9 10 42.45	− 1.19	+20 27 55.2	+10.3
30	83 Cancri	9	13 55.77	+ 0.77	**−14.46**	20 43 53.32	47.235	+ 7.12	+ 22.1	9 13 42.04	.....	+18 6 18.3	....
31	B. D.+20°2314	9	18 40.66	+ 0.79	−14.50	18 3 54.28	48.060	+ 7.12	+ 19.1	9 18 26.95	− 1.21	+20 46 1.5	+10.3
32	B. D.+ 9°2188	9	23 37.31	+ 0.72	−14.50	29 21 54.08	47.505	+ 7.12	+ 32.9	9 23 23.53	− 1.24	+ 9 28 0.6	+12.7
33	B. D.+14°2101	9	25 45.75	+ 0.74	−14.50	24 55 54.10	46.162	+ 7.12	+ 27.2	9 25 31.99	− 1.24	+13 54 36.9	+11.8
34	B. D.+ 8°2243	9	29 53.29	+ 0.71	−14.50	30 13 54.50	46.508	+ 7.12	+ 34.0	9 29 39.50	− 1.26	+ 8 36 21.9	+12.8
35	10 Leonis	9	32 26.94	+ 0.70	−14.50	31 33 53.92	48.812	+ 7.12	+ 35.9	9 32 13.14	− 1.28	+ 7 15 27.9	+13.0
36	ο Leonis	9	36 19.98	+ 0.72	**−14.49**	28 31 54.60	44.295	+ 7.12	+ 31.8	9 36 6.20	.....	+10 19 14.5	....
37	ε Leonis	9	40 42.60	+ 0.82	**−14.47**	14 37 54.68	46.895	+ 7.12	+ 15.3	9 40 28.92	.....	+24 12 31.5	....
	March 17, Br.												
38	Sun I, S.	9	46 8.62	+ 0.64	−14.58	40 31 52.85	43.782	+ 8.00	+ 48.3	23 45 54.68	+64.56	− 1 40 49.3	....
39	Sun II, N.	9	48 17.75	+ 0.64	−14.58	39 59 54.92	43.332	+ 8.00	+ 47.4	23 48 3.81	−64.57	− 1 8 40.3	....
40	Mercury C, C.	9	15 17.60	+ 0.64	−14.58	37 53 53.75	44.096	+ 6.93	+ 43.8	0 15 3.66	0.00	+ 0 57 8.1	....
	March 17, Y.												
41	Moon I, N.	9	0 59.12	+ 0.66	−14.46	24 27 54.32	43.282	+ 7.17	+ 26.2	9 0 45.32	+70.20	+14 23 43.4	....
42	83 Cancri	9	13 55.86	+ 0.66	**−14.45**	20 43 52.12	47.292	+ 7.17	+ 21.9	9 13 42.06	.....	+18 6 18.3	....
43	α Hydræ	9	23 10.47	+ 0.52	**−14.46**	47 3 54.65	49.105	+ 7.17	+1 2.0	9 22 56.53	.....	− 8 15 5.7	....
44	ξ Leonis	9	27 4.69	+ 0.63	**−14.46**	27 7 54.60	44.980	+ 7.17	+ 29.6	9 26 50.86	.....	+11 43 1.0	....
45	ο Leonis	9	36 20.01	+ 0.62	**−14.44**	28 31 53.22	44.330	+ 7.17	+ 31.4	9 36 6.17	.....	+10 19 15.7	....
46	ε Leonis	9	40 42.72	+ 0.70	**−14.48**	14 37 53.65	46.955	+ 7.17	+ 15.1	9 40 28.96	.....	+24 12 31.5	....
	March 18, M.												
47	Sun I, S.	9	49 47.42	+ 0.51	−14.46	40 7 55.05	44.598	+ 7.14	+ 46.8	23 49 33.47	+64.51	− 1 17 7.8	....
48	Sun II, N.	9	51 56.45	+ 0.51	−14.46	39 35 53.90	44.282	+ 7.14	+ 45.9	23 51 42.50	−64.52	− 0 44 58.6	....
49	Mercury C, C.	9	22 20.46	+ 0.53	**−14.46**	36 55 53.80	47.609	+ 6.04	+ 41.6	0 22 6.53	+ 0.01	+ 1 53 50.9	....
50	Venus I, S.	9	19 14.33	+ 0.64	−14.46	19 31 53.05	45.151	+ 6.04	+ 19.6	2 19 0.51	+ 1.32	+19 19 9.7	....
51	λ Ursæ Minoris s. P.	9	16 54.78	−16.79	−14.45	307 51 47.58	46.443	+ 4.98	−1 11.8	19 16 23.54	.....	+88 59 40.3	....
52	25 Monocerotis	9	32 48.14	+ 0.48	−14.45	42 43 53.55	47.440	+ 5.04	+ 51.9	7 32 34.17	.....	− 3 54 14.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 7 37	....	....	52.0
8 6	30.035	51.5	51.0
8 30	....	....	50.7
8 55	30.03	50.8	50.0
9 16	....	....	49.3
9 42	30.02	49.7	48.8
17 23 48	29.99	61.6	64.2
0 15	29.97	62.1	[illegible]
9 3	29.905	53.6	53.5
9 42	29.895	52.6	52.8
18 23 52	29.795	65.5	70.1
0 22	29.77	66.0	71.1
2 19	29.73	68.9	72.2
7 26	29.67	62.7	61.9

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at II, VII.
4. Bisection at II.
5, 38, 47. Bisections at I, II.
9, 41. Bisections at II, III, IV, V, VI.
39, 45, 46, 48. Bisections at VI, VII.
40, 49, 50. Bisections at I, II, VI, VII.
51. Bisections at b_1, b_2, b_5, b_8, b_9.

Notes.

1-37. Unsteady.
3, 14. Image poor
51. Microscopes read at beginning and end of observation.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+21 47.7	−16 2.2	...	+ 5 45.5
38	+ 5.7	+16 4.5	...	+16 10.2
39	+ 5.7	−16 4.5	...	−15 58.8
40	+ 4.2	.. ....	0.0	+ 4.2
41	+24 34.9	−16 18.2	...	+ 8 16.7
47	+ 5.7	+16 4.5	...	+16 10.2
48	+ 5.6	−16 4.6	...	−15 59.0
49	+ 4.1	.. ....	0.0	+ 4.1
50	+ 6.3	+ 18.5	...	+ 24.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	κ Geminorum	9	38 57.47	+ 0.66	**−14.41**	14 13 51.72	44.858	+ 5.06	+ 14.3	7 38 43.68	.....	+24 37 24.0	....
2	π Geminorum	9	41 37.63	+ 0.74	−14.45	5 11 50.62	46.780	+ 5.07	+ 5.2	7 41 23.92	.....	+33 38 50.5	....
3	26 Lyncis	9	48 2.53	+ 0.88	−14.45	351 1 50.25	47.922	+ 5.09	− 8.8	7 47 48.96	.....	+47 48 38.5	....
4	1 Cancri	9	51 50.66	+ 0.60	−14.45	22 47 51.32	46.952	+ 5.10	+ 23.7	7 51 36.81	.....	+16 2 27.2	....
5	4 B. Ursæ Minoris	8	3 51.12	+16.79	−14.45	309 57 47.80	43.574	+ 5.14	−1 6.8	8 3 53.46	.....	+88 55 17.0	....
6	o Ursæ Majoris	9	22 37.54	+ 1.09	−14.45	337 49 49.15	44.510	+ 5.21	− 22.8	8 22 24.18	.....	+61 2 11.5	....
7	η Cancri	9	27 27.83	+ 0.63	**−14.41**	18 5 51.75	43.995	+ 5.23	+ 18.4	8 27 14.01	.....	+20 45 39.5	....
8	σ Hydræ	9	34 2.62	+ 0.53	−14.45	35 9 53.05	46.765	+ 5.25	+ 39.7	8 33 48.70	.....	+ 3 40 13.6	....
9	γ Cancri	9	38 2.30	+ 0.64	**−14.44**	17 1 52.02	47.225	+ 5.27	+ 17.3	8 37 48.49	.....	+21 48 26.4	....
10	ε Hydræ	9	41 59.83	+ 0.55	**−14.48**	32 3 51.65	48.140	+ 5.28	+ 35.3	8 41 45.93	.....	+ 6 45 47.9	....
11	σ^2 Cancri (*mean*)	9	48 41.94	+ 0.71	−14.45	7 55 52.40	42.950	+ 5.30	+ 7.9	8 48 28.20	.....	+30 56 13.1	....
12	ρ Ursæ Majoris	9	54 14.47	+ 1.30	−14.45	330 51 47.52	45.310	+ 5.32	− 31.3	8 54 1.32	− 1.96	+68 0 3.2	− 2.0
13	κ Cancri	9	2 51.26	+ 0.57	**−14.47**	27 47 52.15	45.720	+ 5.36	+ 29.8	9 2 37.38	.....	+11 2 48.1	....
14	θ Hydræ	9	9 40.56	+ 0.52	**−14.47**	36 7 52.30	45.615	+ 5.38	+ 41.2	9 9 26.63	.....	+ 2 42 39.0	....
15	B. A. C. 7504 s. p.	9	18 44.67	− 4.65	−14.45	305 31 44.99	43.951	+ 5.41	−1 18.5	21 18 25.57	.....	+86 38 35.5	....
16	Moon I, N.	9	1 40.87	+ 0.59	−14.45	28 3 51.60	45.387	+ 5.56	+ 30.1	10 1 27.01	+70.20	+10 46 55.7	....
	March 19, Br.												
17	Moon I, N.	9	2 18.19	+ 0.51	−14.55	32 31 50.38	45.793	+ 5.93	+ 36.2	11 2 4.15	+70.04	+ 6 18 41.2	....
	March 23, Ei.-Y.												
18	λ Geminorum	9	12 52.48	+ 0.70	**−14.47**	22 7 54.65	46.460	+ 8.10	+ 24.1	7 12 38.73	.....	+16 42 31.7	....
19	δ Geminorum	9	14 41.46	+ 0.73	**−14.49**	16 41 54.05	44.765	+ 8.10	+ 17.8	7 14 27.74	.....	+22 9 17.3	....
20	B. D.+23°1698	9	18 0.08	+ 0.74	−14.45	15 43 55.30	44.090	+ 8.10	+ 16.7	7 17 46.37	− 0.65	+23 7 32.6	+ 8.6
21	B. D.+21°1602	9	22 20.54	+ 0.73	−14.45	17 11 54.30	47.650	+ 8.10	+ 18.4	7 22 6.82	− 0.67	+21 38 10.5	+ 9.1
22	B. D.+20°1822	9	25 2.87	+ 0.72	−14.45	18 49 55.00	46.195	+ 8.10	+ 20.2	7 24 49.14	− 0.68	+20 0 41.3	+ 9.7
23	B. D.+15°1598	9	28 14.23	+ 0.69	−14.45	22 59 55.70	46.720	+ 8.10	+ 25.2	7 28 0.47	− 0.69	+15 50 23.6	+11.1
24	B. D.+16°1531	9	33 44.15	+ 0.69	−14.45	22 31 54.58	46.388	+ 8.10	+ 24.6	7 33 30.39	− 0.72	+16 18 32.9	+11.0
25	B. D.+22°1756	9	37 57.26	+ 0.73	−14.45	16 13 55.00	44.865	+ 8.10	+ 17.3	7 37 43.54	− 0.74	+22 37 14.6	+ 8.9
26	B. D.+18°1733	9	40 51.99	+ 0.71	−14.45	20 5 55.00	47.030	+ 8.10	+ 21.7	7 40 38.25	− 0.75	+18 44 20.7	+10.2
27	B. D.+19°1854	9	46 39.90	+ 0.71	−14.45	19 15 55.80	48.115	+ 8.10	+ 20.7	7 46 26.16	− 0.78	+19 33 55.8	+ 9.9
28	φ Geminorum	9	47 55.57	+ 0.76	**−14.41**	11 49 55.98	46.815	+ 8.10	+ 12.5	7 47 41.88	.....	+27 0 33.8	....
29	B. D.+25°1794	9	50 32.49	+ 0.75	−14.45	13 55 54.58	46.130	+ 8.10	+ 14.7	7 50 18.79	− 0.80	+24 54 48.7	+ 8.2
30	B. D.+18°1816	9	55 27.23	+ 0.71	−14.45	20 19 55.50	47.455	+ 8.10	+ 22.0	7 55 13.49	− 0.81	+18 30 10.2	+10.3
31	χ Geminorum	9	57 55.66	+ 0.77	**−14.42**	10 47 55.58	44.405	+ 8.10	+ 11.3	7 57 41.98	.....	+28 3 30.5	....
	March 25, M.												
32	Sun I, N.	9	15 15.93	+ 0.57	−14.46	36 49 54.52	45.468	+ 8.67	+ 42.6	0 15 2.04	+64.40	+ 2 0 35.8	....
33	Sun II, S.	9	17 24.73	+ 0.57	−14.46	37 21 53.00	45.712	+ 8.67	+ 43.4	0 17 10.84	−64.40	+ 1 28 30.3	....
34	Mercury C, C.	9	9 46.63	+ 0.61	−14.46	30 29 54.25	44.765	+ 8.32	+ 33.4	1 9 32.78	+ 0.04	+ 8 21 1.3	....
35	Venus I, S.	9	32 3.46	+ 0.68	−14.46	17 41 55.08	48.268	+ 8.32	+ 18.0	2 31 49.68	+ 1.47	+21 7 55.8	....
	March 25, Ei.-M.												
36	β Geminorum	9	39 44.76	+ 0.71	**−14.45**	10 36 1.18	45.000	+ 7.27	+ 10.7	7 39 30.98	.....	+28 15 12.7	....
37	φ Geminorum	9	47 55.68	+ 0.70	**−14.49**	11 49 53.60	46.985	+ 7.27	+ 12.0	7 47 41.89	.....	+27 0 33.6	....
38	B. D.+20°1946	9	50 21.95	+ 0.65	−14.49	18 41 54.42	48.278	+ 7.27	+ 19.3	7 50 8.11	− 0.76	+20 7 56.0	+ 9.7
39	ω^1 Cancri	9	55 25.68	+ 0.69	−14.49	13 11 53.20	45.650	+ 7.27	+ 13.4	7 55 11.88	− 0.79	+25 39 3.1	+ 7.9
40	B. D.+15°1734	9	57 35.72	+ 0.62	−14.49	23 37 54.50	46.198	+ 7.27	+ 24.9	7 57 21.85	− 0.79	+15 12 37.9	+11.4
41	B. D.+23°1887	9	0 55.38	+ 0.67	−14.49	15 55 54.10	47.580	+ 7.27	+ 16.3	8 0 41.56	− 0.81	+22 54 15.2	+ 8.8
42	B. D.+19°1934	9	2 53.55	+ 0.64	−14.49	19 21 53.05	44.352	+ 7.27	+ 20.0	8 2 39.70	− 0.81	+19 29 26.4	+10.0
43	B. D.+16°1657	9	6 27.99	+ 0.62	−14.49	22 21 53.72	43.265	+ 7.27	+ 23.4	8 6 14.12	− 0.83	+16 29 47.2	+10.9
44	B. D.+19°1963	9	10 45.13	+ 0.64	−14.49	19 51 53.02	45.712	+ 7.27	+ 20.6	8 10 31.28	− 0.85	+18 58 54.4	+10.1
45	β Cancri	9	11 36.64	+ 0.58	**−14.49**	29 21 54.08	46.288	+ 7.27	+ 32.0	8 11 22.73	.....	+ 9 28 29.1	....
46	B. D.+22°1915	9	16 8.58	+ 0.66	−14.49	16 37 53.60	46.955	+ 7.27	+ 17.0	8 15 54.75	− 0.87	+22 12 29.3	+ 9.1
47	B. D.+20°2079	9	19 33.74	+ 0.65	−14.49	18 23 53.58	44.370	+ 7.27	+ 19.0	8 19 19.90	− 0.88	+20 27 26.4	+ 9.6
48	B. D.+23°1960	9	22 4.34	+ 0.67	−14.49	15 23 53.85	43.800	+ 7.27	+ 15.7	8 21 50.52	− 0.90	+23 27 42.5	+ 8.7
49	θ Cancri	9	26 25.64	+ 0.64	−14.49	20 25 52.65	46.078	+ 7.27	+ 21.2	8 26 11.79	− 0.91	+18 24 46.2	+10.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 8 1	......	....	61.5
8 31	29.67	62.0	61.0
8 58	......	....	60.0
9 23	29.66	60.8	59.8
10 2	29.66	59.9	59.0
19 11 2	29.605	58.0	56.1
23 7 10	30.05	43.5	43.2
7 35	......	....	43.0
7 59	30.05	42.9	42.9
25 0 17	29.835	57.5	58.9
1 10	29.82	59.0	60.3
2 32	29.81	60.0	63.3
7 37	29.805	56.4	58.7
8 5	......	....	58.8
8 28	29.815	55.3	58.2

Micrometer bisections are made at II, VI, except as noted below.

2, 33. Bisections at VI, VII.
5, 15. Bisections at b_1, b_2, b_5, b_8, b_9.
6, 12. Bisections at III, V.
16, 17. Bisections at II, III, IV, V, VI.
22, 40. Bisections at II, VII.
27, 32, 44. Bisections at I, II.
34, 35. Bisections at I, II, VI, VII.

Notes.

5, 15. Microscopes read at beginning and end of observation.
31. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+28 21.0	−16 31.9	...	+11 49.1
17	+32 44.8	−16 41.6	...	+16 3.2
32	+ 5.3	−16 2.7	...	−15 57.4
33	+ 5.3	+16 2.8	...	+16 8.1
34	+ 3.9	.. ....	+0.3	+ 4.2
35	+ 6.4	+ 20.6	...	+ 27.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+15°1851	9	31 2.97	+ 0.62	−14.49	23 11 52.50	47.015	+ 7.27	+ 24.4	8 30 49.10	− 0.94	+15 38 21.7	+11.2
2	B. D.+24°1968	9	33 25.04	+ 0.68	−14.49	14 49 53.58	45.205	+ 7.27	+ 15.1	8 33 11.23	− 0.94	+24 1 11.2	+ 8.6
3	B. D.+20°2166	9	35 9.78	+ 0.65	−14.49	18 49 53.05	47.680	+ 7.27	+ 19.5	8 34 55.94	− 0.95	+20 0 10.8	+ 9.8
4	γ Cancri	9	38 2.23	+ 0.66	**−14.49**	17 1 53.70	47.018	+ 7.27	+ 17.5	8 37 48.40	....	+21 48 27.3	....
5	B. D.+22°1988	9	41 12.30	+ 0.67	−14.49	16 9 54.28	43.608	+ 7.27	+ 16.5	8 40 58.48	− 0.97	+22 41 45.6	+ 9.0
6	B. D.+16°1833	9	46 6.69	+ 0.62	−14.49	22 29 53.45	45.255	+ 7.27	+ 23.6	8 45 52.82	− 1.00	+16 21 1.8	+10.9
7	60 Cancri	9	50 59.32	+ 0.60	−14.49	26 51 55.38	44.650	+ 7.27	+ 28.9	8 50 45.43	− 1.02	+11 59 8.4	+12.1
8	B. D.+18°2093	9	54 3.79	+ 0.64	−14.49	20 19 54.15	47.728	+ 7.27	+ 21.2	8 53 49.94	− 1.02	+18 30 6.9	+10.2
9	B. D.+18°2114	9	59 15.49	+ 0.64	−14.49	20 11 53.50	44.992	+ 7.27	+ 21.0	8 59 1.64	− 1.04	+18 39 10.3	+10.2
10	B. D.+21°1969	9	1 33.08	+ 0.65	−14.49	17 57 54.92	44.092	+ 7.27	+ 18.5	9 1 19.24	− 1.05	+20 53 32.0	+ 9.5
11	B. D.+12°1979	9	4 51.65	+ 0.60	−14.49	26 53 55.45	45.355	+ 7.27	+ 28.9	9 4 37.76	− 1.08	+11 56 52.2	+12.0
12	B. D.+15°2003	9	7 20.69	+ 0.62	−14.49	23 27 52.62	46.500	+ 7.27	+ 24.8	9 7 6.82	− 1.08	+15 22 32.9	+11.1
13	B. D.+13°2066	9	12 25.05	+ 0.60	−14.49	25 21 53.10	46.375	+ 7.27	+ 27.0	9 12 11.16	− 1.10	+13 28 33.1	+11.5
14	83 Cancri	8	13 55.80	+ 0.63	**−14.45**	20 43 53.20	47.210	+ 7.27	+ 21.6	9 13 41.94	....	+18 6 19.3	....
15	B. D.+15°2027	9	16 15.73	+ 0.62	−14.49	23 3 54.48	47.115	+ 7.27	+ 24.3	9 16 1.86	− 1.11	+15 46 17.5	+10.9
16	B. D.+18°2182	8	19 27.73	+ 0.64	−14.49	20 17 53.60	45.872	+ 7.27	+ 21.1	9 19 13.88	− 1.12	+18 32 50.0	+10.2
17	B. D.+ 8°2226	9	23 40.87	+ 0.58	−14.49	30 13 54.08	47.660	+ 7.27	+ 33.3	9 23 26.96	− 1.15	+ 8 35 56.5	+12.7
18	B. D.+20°2332	9	26 38.70	+ 0.65	−14.49	18 25 53.52	44.448	+ 7.27	+ 19.0	9 26 24.86	− 1.14	+20 25 24.7	+ 9.6
19	B. D.+15°2077	9	30 56.49	+ 0.61	−14.49	24 1 53.92	47.755	+ 7.27	+ 25.5	9 30 42.61	− 1.16	+14 48 2.3	+11.1
20	B. D.+15°2087	9	33 5.38	+ 0.61	−14.49	24 3 53.32	46.838	+ 7.27	+ 25.5	9 32 51.50	− 1.17	+14 46 23.8	+11.0
21	B. D.+16°2010	9	36 48.41	+ 0.62	−14.49	22 39 54.52	45.140	+ 7.27	+ 23.9	9 36 34.54	− 1.18	+16 11 3.0	+10.7
22	B. D.+12°2090	9	41 31.44	+ 0.60	−14.49	26 35 54.65	45.985	+ 7.27	+ 28.6	9 41 17.55	− 1.20	+12 14 38.9	+11.6
23	B. D.+21°2113	9	44 46.28	+ 0.66	−14.49	17 13 54.50	45.092	+ 7.27	+ 17.8	9 44 32.45	− 1.20	+21 37 10.2	+ 9.3
24	μ Leonis	9	47 36.78	+ 0.70	**−14.52**	12 23 54.18	45.470	+ 7.27	+ 12.6	9 47 22.99	....	+26 27 7.1	....
25	B. D.+ 6°2224	9	48 58.87	+ 0.56	−14.49	32 25 53.65	47.028	+ 7.27	+ 36.3	9 48 44.94	− 1.25	+ 6 24 8.4	+12.8
26	B. D.+17°2156	9	52 37.36	+ 0.63	−14.49	21 55 53.38	46.700	+ 7.27	+ 23.0	9 52 23.50	− 1.22	+16 54 29.4	+10.4
27	B. D.+ 6°2240	9	55 29.84	+ 0.56	−14.49	32 7 54.02	47.118	+ 7.27	+ 35.9	9 55 15.91	− 1.27	+ 6 42 6.4	+12.6
28	B. D.+12°2138	9	59 18.43	+ 0.60	−14.49	26 45 54.30	44.850	+ 7.27	+ 28.8	9 59 4.54	− 1.26	+12 5 5.0	+11.4
29	41 Leonis Minoris	9	38 30.35	+ 0.68	**−14.52**	15 9 54.78	45.672	+ 7.60	+ 15.5	10 38 16.54	....	+23 40 58.6	....
30	*l* Leonis	9	44 31.13	+ 0.60	**−14.44**	27 47 54.80	45.850	+ 7.60	+ 30.1	10 44 17.24	....	+11 2 40.0	....
31	B. D.+ 5°2425	9	54 55.38	+ 0.56	−14.49	33 59 56.30	43.080	+ 7.60	+ 38.5	10 54 41.45	− 1.43	+ 4 51 33.4	+11.6
32	B. D.+ 0°2729	9	59 0.29	+ 0.53	−14.49	38 19 53.22	45.895	+ 7.60	+ 45.2	10 58 46.33	− 1.47	+ 0 30 25.5	+12.1
33	B. D.+10°2250	9	2 30.93	+ 0.60	−14.49	28 7 54.40	44.020	+ 7.60	+ 30.6	11 2 17.04	− 1.41	+10 43 21.7	+10.7
34	B. D.+ 2°2391	9	4 23.27	+ 0.54	−14.49	36 43 54.40	45.845	+ 7.60	+ 42.7	11 4 9.32	− 1.47	+ 2 6 27.9	+11.7
35	B. D.+ 5°2467	9	9 40.08	+ 0.56	−14.49	34 1 53.82	45.605	+ 7.60	+ 38.6	11 9 26.15	− 1.45	+ 4 48 38.1	+11.3
36	B. D.+ 2°2409	.	.. ..	....	.....	36 17 54.68	47.685	+ 7.60	+ 42.0	11 12	....	+ 2 31 46.3	+11.4
37	B. D.+ 3°2490	.	.. ..	....	.....	35 53 54.70	46.032	+ 7.60	+ 41.4	11 16	....	+ 2 56 24.7	+11.3
38	B. D.− 2°3337	.	.. ..	....	.....	41 35 54.90	47.132	+ 7.60	+ 50.8	11 19	....	− 2 46 10.1	+11.7
39	B. D.+ 4°2463	.	.. ..	....	.....	34 27 55.98	45.112	+ 7.60	+ 39.2	11 21	....	+ 4 22 46.6	+11.0
40	B. D.− 3°3128	.	.. ..	....	.....	42 45 53.88	46.055	+ 7.60	+ 52.9	11 24	....	− 3 55 46.8	+11.6
41	B. D.+ 8°2518	.	.. ..	....	.....	30 53 53.90	47.600	+ 7.60	+ 34.3	11 28	....	+ 7 55 56.7	+10.5
42	B. D.+ 7°2461	.	.. ..	....	.....	31 47 54.55	45.560	+ 7.60	+ 35.5	11 31	....	+ 7 2 41.5	+10.5
43	B. D.− 2°3390	9	35 41.80	+ 0.51	−14.49	41 37 53.40	46.048	+ 7.60	+ 50.9	11 35 27.82	− 1.56	− 2 47 43.9	+11.1
44	B. D.− 5°3340	9	39 19.57	+ 0.49	−14.49	44 59 55.85	44.145	+ 7.60	+ 57.3	11 39 5.57	− 1.60	− 6 9 9.2	+11.1
45	B. D.− 2°3411	9	42 4.70	+ 0.51	−14.49	42 3 53.80	44.140	+ 7.60	+ 51.8	11 41 50.72	− 1.57	− 3 13 1.6	+10.9
46	β Virginis	9	46 0.32	+ 0.54	**−14.49**	36 31 54.02	47.580	+ 7.60	+ 42.6	11 45 46.37	....	+ 2 17 48.8	....
47	B. D.+ 5°2555	9	49 27.67	+ 0.56	−14.49	33 25 54.80	46.612	+ 7.60	+ 38.0	11 49 13.74	− 1.50	+ 5 24 14.7	+10.2
48	B. D.− 3°3210	9	52 25.16	+ 0.50	−14.49	43 5 55.02	45.130	+ 7.60	+ 53.8	11 52 11.17	− 1.59	− 4 15 27.4	+10.5
49	*b* Virginis	9	55 20.49	+ 0.56	−14.49	34 39 55.92	44.872	+ 7.60	+ 39.8	11 55 6.56	− 1.51	+ 4 10 51.5	+10.0
50	B. D.+ 2°2509	9	59 37.18	+ 0.54	−14.49	36 51 53.38	43.640	+ 7.60	+ 43.1	11 59 23.23	− 1.53	+ 1 59 19.0	+10.0
51	B. D.− 3°3239	9	3 35.89	+ 0.50	−14.49	42 35 54.28	45.818	+ 7.60	+ 52.9	12 3 21.90	− 1.59	− 3 45 41.5	+10.0
52	B D.− 2°3478	9	6 45.78	+ 0.51	−14.49	42 5 53.92	44.312	+ 7.60	+ 52.0	12 6 31.80	− 1.58	− 3 15 5.8	+ 9.9
53	B. D.− 6°3532 (*pr.*)	5	10 30.54	+ 0.48	−14.49	45 33 55.48	45.858	+ 7.60	+ 58.7	12 10 16.53	− 1.62	− 6 43 49.4	+ 9.8
54	B. D.− 6°3532 (*fol.*)	5	10 31.03	+ 0.48	−14.49	45 33 55.48	45.950	+ 7.60	+ 58.7	12 10 17.02	− 1.62	− 6 43 51.2	+ 9.8
55	B. D.− 3°3262	9	13 32.31	+ 0.51	−14.49	42 15 53.85	46.142	+ 7.60	+ 52.3	12 13 18.33	− 1.59	− 3 25 47.9	+ 9.6
56	B. D.+ 0°2932	9	17 1.61	+ 0.53	−14.49	38 27 54.08	46.972	+ 7.60	+ 45.8	12 16 47.65	− 1.55	+ 0 21 59.4	+ 9.5
57	B. D.− 0°2570	9	20 41.73	+ 0.52	−14.49	39 23 54.48	43.700	+ 7.60	+ 47.3	12 20 27.76	− 1.56	− 0 32 47.7	+ 9.3
58	B. D.+ 5°2631	9	23 43.30	+ 0.56	−14.49	33 55 55.22	44.140	+ 7.60	+ 38.8	12 23 29.37	− 1.51	+ 4 55 10.0	+ 9.2
59	B. D.+ 2°2552	9	26 38.80	+ 0.54	−14.49	36 59 54.40	44.565	+ 7.60	+ 43.4	12 26 24.85	− 1.54	+ 1 50 56.5	+ 9.1
60	B. D.− 6°3598	9	31 6.58	+ 0.48	−14.49	45 45 54.40	45.325	+ 7.60	+ 59.2	12 30 52.57	− 1.63	− 6 55 36.7	+ 8.8
61	B. D.− 3°3329	9	34 5.80	+ 0.50	−14.49	42 41 56.10	44.545	+ 7.60	+ 53.2	12 33 51.81	− 1.59	− 3 51 14.5	+ 8.8
62	B. D.− 6°3626	9	37 18.53	+ 0.48	−14.49	45 49 55.10	43.288	+ 7.60	+ 59.3	12 37 4.52	− 1.63	− 6 58 50.9	+ 8.5
63	B. D.− 6°3644	9	42 19.94	+ 0.48	−14.49	46 7 56.55	43.420	+ 7.60	+1 0.0	12 42 5.93	− 1.63	− 7 16 56.1	+ 8.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 8 53	......	....	58.0
9 17	29.82	55.0	57.5
9 42	......	....	57.0
10 1	29.82	54.3	56.4
10 36	29.815	53.8	56.5
11 3	......	....	56.0
11 26	29.815	53.1	[illegible]
11 51	......	....	52.7
12 18	29.80	51.1	52.2

Micrometer bisections are made at II, VI, except as noted below.

1, 6, 14, 25, 32, 47, 48, 58.	Bisections at II, VII.
40.	Bisection at II.
54.	Bisection at VII.

Notes.

47–63.	Images poor.
51.	Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 2°3580	9	44 32.50	+ 0.51	−14.49	42 1 54.38	44.128	+ 7.60	+ 52.0	12 44 18.52	− 1.58	− 3 11 2.1	+ 8.4
2	B. D.− 0°2622	9	47 35.43	+ 0.52	−14.49	39 15 56.18	43.905	+ 7.60	+ 47.2	12 47 21.46	− 1.55	− 0 24 54.0	+ 8.3
3	B. D.− 4°3379	9	51 36.64	+ 0.50	−14.49	43 11 54.30	44.288	+ 7.60	+ 54.2	12 51 22.65	− 1.59	− 4 21 7.9	+ 8.0
4	B. D.− 3°3384	9	55 1.43	+ 0.51	−14.49	42 7 53.45	47.005	+ 7.60	+ 52.3	12 54 47.45	− 1.57	− 3 18 7.2	+ 7.9
5	ε Virginis	9	57 42.24	+ 0.60	**−14.49**	27 21 54.62	47.568	+ 7.60	+ 30.0	12 57 28.35	.....	+11 28 1.0	....
6	θ Virginis	9	5 17.46	+ 0.50	**−14.56**	43 51 55.20	46.628	+ 7.60	+ 55.7	13 5 3.47	.....	− 5 2 3.7	....
	March 25, Br.												
7	3 G. Libræ	9	19 39.24	+ 0.34	−14.59	63 11 55.02	45.370	+ 7.37	+1 54.5	14 19 24.99	− 1.73	−24 22 33.3	+ 0.5
8	g Boötis	9	25 34.64	+ 0.92	−14.59	348 35 53.55	44.210	+ 7.37	− 11.6	14 25 20.97	− 1.36	+50 16 0.6	+ 9.4
9	σ Boötis	9	30 47.76	+ 0.73	−14.59	8 41 54.48	45.205	+ 7.37	+ 8.9	14 30 33.90	− 1.23	+30 9 16.4	+ 8.6
10	118 H^1. Cassiopeiæ s. p.	9	36 52.09	− 0.14	−14.59	286 19 50.20	45.392	+ 7.37	−3 14.5	2 36 37.36	+ 1.21	+67 25 20.0	− 2.9
11	Piazzi 166	9	41 3.32	+ 0.38	−14.59	59 35 55.80	45.730	+ 7.37	+1 38.8	14 40 49.11	− 1.59	−20 46 26.7	0.0
12	ξ Boötis (*brighter*)	9	47 15.47	+ 0.64	−14.59	19 21 53.80	43.950	+ 7.37	+ 20.5	14 47 1.52	− 1.20	+19 29 34.2	+ 7.4
13	ξ^2 Libræ	9	51 52.29	+ 0.45	**−14.63**	49 51 55.75	44.930	+ 7.37	+1 8.9	14 51 38.15	.....	−11 1 38.4	....
14	c Boötis	9	3 22.76	+ 0.69	−14.59	13 35 54.18	47.900	+ 7.37	+ 14.1	15 3 8.86	− 1.14	+25 14 10.0	+ 8.1
15	β Libræ	9	12 9.04	+ 0.46	**−14.56**	47 51 56.20	46.100	+ 7.37	+1 4.3	15 11 54.91	.....	− 9 2 1.0	....
16	μ Boötis	9	21 9.02	+ 0.79	−14.59	1 7 53.48	47.825	+ 7.37	+ 1.2	15 20 55.22	.....	+37 42 25.2	....
17	β Coronæ Borealis	9	24 9.68	+ 0.72	**−14.57**	9 25 54.08	43.810	+ 7.37	+ 9.7	15 23 55.81	.....	+29 25 47.9	....
18	Mars I, C	9	31 23.06	+ 0.40	−14.59	56 19 54.62	50.712	+ 7.37	+1 27.4	15 31 8.87	+ 0.40	−17 32 7.9	....
19	Mars II	9	31 23.91	+ 0.40	−14.59	... .	......	.....	. ....	15 31 9.72	− 0.45	.. ..	....
20	γ Coronæ Borealis	9	39 0.06	+ 0.70	−14.59	12 15 55.22	44.102	+ 7.37	+ 12.7	15 38 46.17	− 1.01	+26 35 37.1	+ 8.1
21	12 H. Draconis	9	45 27.71	+ 1.14	−14.59	335 57 52.70	46.512	+ 7.37	− 25.8	15 45 14.26	− 1.24	+62 53 23.0	+11.0
22	π Scorpii	9	53 21.79	+ 0.33	−14.59	64 39 55.98	44.582	+ 7.37	+2 2.6	15 53 7.53	− 1.34	−25 50 24.4	− 5.1
23	β^1 Scorpii	9	0 10.11	+ 0.39	**−14.61**	58 21 54.52	46.675	+ 7.37	+1 34.5	15 59 55.91	.....	−19 32 42.7	....
24	τ Coronæ Borealis	9	5 44.57	+ 0.78	−14.59	2 7 54.50	44.285	+ 7.37	+ 2.2	16 5 30.76	− 0.90	+36 43 43.7	+ 9.6
25	δ Ophiuchi	9	9 37.05	+ 0.50	**−14.55**	42 17 55.18	44.068	+ 7.37	+ 53.0	16 9 22.96	.....	− 3 27 2.6	....
26	ε Ophiuchi	9	13 32.76	+ 0.49	**−14.61**	43 17 55.75	45.728	+ 7.37	+ 55.0	16 13 18.66	.....	− 4 27 42.8	....
27	23 Herculis	9	19 32.34	+ 0.75	−14.59	6 17 54.30	45.798	+ 7.37	+ 6.5	16 19 18.50	− 0.84	+32 33 5.4	+ 9.0
28	g Herculis	9	25 45.94	+ 0.83	−14.59	356 45 54.05	45.865	+ 7.37	− 3.2	16 25 32.18	− 0.82	+42 5 13.9	+10.4
29	ζ Ophiuchi	9	32 10.69	+ 0.45	**−14.57**	49 11 55.98	47.242	+ 7.37	+1 7.6	16 31 56.55	.....	−10 22 30.2	....
30	42 Herculis	9	36 24.66	+ 0.91	−14.59	349 43 52.88	47.805	+ 7.37	− 10.5	16 36 10.98	− 0.79	+49 6 38.0	+11.2
31	Moon II, S	9	5 40.45	+ 0.41	−14.59	57 29 55.08	48.387	+ 7.37	+1 31.6	17 5 26.27	−69.50	−18 41 19.5	....
	March 26, Y.												
32	Mars I, C	9	31 42.29	+ 0.42	−14.50	56 23 53.65	45.771	+ 7.18	+1 26.7	15 31 28.21	+ 0.43	−17 34 13.1	....
33	Mars II	9	31 43.20	+ 0.42	−14.50	... .	......	.....	. ....	15 31 29.12	− 0.48	.. ..	....
34	β Herculis	9	26 22.80	+ 0.66	**−14.48**	17 9 54.75	43.890	+ 7.18	+ 17.9	16 26 8.96	.....	+21 41 37.4	....
35	ζ Ophiuchi	9	32 10.62	+ 0.46	**−14.49**	49 11 55.05	47.308	+ 7.18	+1 7.1	16 31 56.58	.....	−10 22 30.1	....
36	70 B. Ursæ Minoris	4	34 57.24	+ 0.91	−14.50	321 13 49.78	46.045	+ 7.18	− 46.3	16 34 44.65	− 1.57	+77 37 57.1	+11.1
37	κ Herculis	9	45 57.29	+ 0.58	−14.50	31 25 54.18	45.792	+ 7.18	+ 35.5	16 45 43.37	− 0.80	+ 7 24 37.0	+ 3.2
38	ε Ursæ Minoris	9	55 54.22	+ 2.71	−14.50	316 39 49.75	47.652	+ 7.18	− 54.4	16 55 42.43	.....	+82 11 28.6	....
39	η Ophiuchi	9	5 10.71	+ 0.43	**−14.57**	54 25 54.95	46.465	+ 7.18	+1 21.1	17 4 56.64	.....	−15 36 24.7	....
40	139 G. Scorpii	9	11 7.98	+ 0.28	−14.50	71 21 54.90	44.628	+ 7.18	+2 50.8	17 10 53.76	− 0.95	−32 33 12.2	−10.3
41	ξ Ophiuchi	4	15 33.36	+ 0.39	−14.50	59 49 54.38	46.178	+ 7.18	+1 39.7	17 15 19.25	− 0.81	−21 0 35.9	− 6.4
42	σ Ophiuchi	9	22 2.63	+ 0.56	**−14.49**	34 37 54.72	43.798	+ 7.18	+ 40.1	17 21 48.69	.....	+ 4 13 17.4	....
43	x Herculis	5	24 27.31	+ 0.90	−14.50	350 31 52.32	43.792	+ 7.18	− 9.6	17 24 13.71	− 0.57	+48 20 9.7	+11.2
44	ν^2 Draconis	8	30 37.70	+ 0.99	−14.50	343 37 50.72	44.485	+ 7.18	− 17.0	17 30 24.19	− 0.54	+55 14 2.7	+11.8
45	β Ophiuchi	9	39 1.25	+ 0.56	**−14.47**	34 13 54.98	46.300	+ 7.18	+ 39.6	17 38 47.31	.....	+ 4 36 20.5	....
	March 27, Y.												
46	Sun I, N	9	22 32.30	+ 0.46	−14.50	36 1 51.25	48.080	+10.06	+ 40.7	0 22 18.26	+64.38	+ 2 47 39.6	....
47	Sun II, S	9	24 41.06	+ 0.46	−14.50	36 33 49.88	48.318	+10.06	+ 41.5	0 24 27.02	−64.38	+ 2 15 34.6	....
	March 27, Ei.-Y.												
48	φ Geminorum	9	47 55.69	+ 0.64	**−14.48**	11 49 50.05	47.078	+ 8.62	+ 11.8	7 47 41.81	.....	+27 0 33.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 12 45	......	....	50.8
13 7	29.80	49.9	49.0
14 18	29.785	48.8	48.4
14 52	......	....	47.1
15 7	29.77	47.5	....
15 31	......	....	46.2
15 53	......	....	45.6
16 17	......	....	45.0
16 36	29.755	46.0	44.7
17 6	29.75	45.7	44.0
26 15 33	29.695	49.5	49.2
16 24	29.70	47.8	47.4
16 51	......	....	46.9
17 20	29.71	47.1	46.3
17 39	29.715	46.5	45.8
27 0 25	29.80	64.3	67.0
7 45	29.835	63.6	64.2

Micrometer bisections are made at II, VI, except as noted below.

8, 10, 21, 28, 30, 44.	Bisections at III, V.
18, 32.	Bisections at I, II, VI, VII.
24, 25, 46.	Bisections at I, II.
31.	Bisections at II, III, IV, V, VI.
36, 43.	Bisections at V, VI.
38.	Bisections at III, IV, V.
40.	Bisections at II, VI, VII.
41, 47.	Bisections at VI, VII.

Notes.

1–6. Images poor.
38. Right ascension observed eye and ear.
40. Diffuse and unsteady.
40. Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
18	+ 9.5	.. ....	0.0	+ 9.5
31	+49 2.8	+15 54.4	...	+64 57.2
32	+ 9.6	.. ....	0.0	+ 9.6
46	+ 5.2	−16 2.5	...	−15 57.3
47	+ 5.2	+16 2.5	...	+16 7.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	χ Geminorum	9	57 55.77	+ 0.65	**−14.49**	10 47 51.05	44.585	+ 8.62	+ 10.8	7 57 41.90	....	+28 3 30.9	....
2	B. D.+22°1854	9	1 12.72	+ 0.60	−14.52	16 7 54.98	43.900	+ 8.62	+ 16.3	8 0 58.80	− 0.77	+22 43 37.1	+ 8.8
3	B. D.+16°1642	9	2 58.06	+ 0.56	−14.52	22 9 52.90	44.615	+ 8.62	+ 23.0	8 2 44.10	− 0.78	+16 41 16.2	+10.8
4	ζ Cancri	9	7 0.69	+ 0.57	−14.52	20 53 53.50	48.275	+ 8.62	+ 21.6	8 6 46.74	− 0.80	+17 55 53.3	+10.4
5	β Cancri	9	11 36.77	+ 0.51	**−14.58**	29 21 54.12	46.238	+ 8.62	+ 31.7	8 11 22.76	....	+ 9 28 29.2	....
6	B. D.+16°1679	9	13 7.51	+ 0.55	−14.52	22 51 52.62	47.420	+ 8.62	+ 23.8	8 12 53.54	− 0.83	+15 58 11.6	+11.1
7	B. D.+23°1939	9	16 29.47	+ 0.61	−14.52	15 35 54.50	45.278	+ 8.62	+ 15.8	8 16 15.56	− 0.84	+23 15 6.6	+ 8.7
8	B. D.+17°1836	9	19 35.90	+ 0.56	−14.52	21 21 53.05	44.415	+ 8.62	+ 22.1	8 19 21.94	− 0.86	+17 29 21.5	+10.6
9	B. D.+16°1729	.	.. ..	....	.....	22 29 51.80	46.322	+ 8.62	+ 23.4	8 23	....	+16 20 37.9	+10.9
10	B. D.+13°1972	9	38 13.28	+ 0.53	−14.52	25 49 53.75	44.855	+ 8.62	+ 27.3	8 37 59.29	− 0.94	+13 1 5.6	+11.9
11	B. D.+16°1815	9	41 15.12	+ 0.56	−14.52	22 27 53.62	45.855	+ 8.62	+ 23.4	8 41 1.16	− 0.95	+16 22 46.7	+10.8
12	B. D.+21°1926	9	46 9.09	+ 0.59	−14.52	17 23 54.20	48.202	+ 8.62	+ 17.7	8 45 55.16	− 0.96	+21 25 58.2	+ 9.3
13	B. D.+15°1945	9	52 12.08	+ 0.55	−14.52	23 9 52.82	45.160	+ 8.62	+ 24.2	8 51 58.11	− 0.99	+15 41 2.6	+11.0
14	B. D.+13°2021	9	54 28.63	+ 0.54	−14.52	25 23 52.55	46.748	+ 8.62	+ 26.8	8 54 14.65	− 1.01	+13 26 24.0	+11.7
15	B. D.+12°1960	9	59 33.30	+ 0.53	−14.52	26 15 54.10	43.628	+ 8.62	+ 27.9	8 59 19.31	− 1.03	+12 35 32.6	+11.9
16	B. D.+23°2048 (*south*)	5	2 13.22	+ 0.61	−14.52	15 29 54.55	44.390	+ 8.62	+ 15.7	9 1 59.31	− 1.03	+23 21 26.6	+ 8.7
17	B. D.+23°2048 (*north*)	5	2 13.42	+ 0.61	−14.52	15 29 54.55	44.075	+ 8.62	+ 15.7	9 1 59.51	− 1.03	+23 21 34.4	+ 8.7
18	B. D.+22°2063	9	5 8.43	+ 0.60	−14.52	16 27 55.28	46.108	+ 8.62	+ 16.8	9 4 54.51	− 1.04	+22 22 45.9	+ 9.0
19	B. D.+21°1991	9	8 26.78	+ 0.59	−14.52	17 9 54.40	47.330	+ 8.62	+ 17.5	9 8 12.85	− 1.05	+21 40 18.1	+ 9.2
20	B. D.+23°2072	9	12 32.95	+ 0.61	−14.52	15 21 54.52	47.042	+ 8.62	+ 15.6	9 12 19.04	− 1.07	+23 28 26.2	+ 8.7
21	83 Cancri	9	13 55.87	+ 0.57	**−14.48**	20 43 53.82	47.138	+ 8.62	+ 21.5	9 13 41.92	....	+18 6 19.1	....
22	B. D.+13°2074	9	16 22.45	+ 0.54	−14.52	25 19 53.35	45.655	+ 8.62	+ 26.8	9 16 8.47	− 1.09	+13 30 48.2	+11.5
23	B. D.+20°2318	9	19 39.70	+ 0.58	−14.52	18 39 53.62	43.650	+ 8.62	+ 19.1	9 19 25.76	− 1.09	+20 11 41.4	+ 9.6
24	B. D.+19°2218	9	23 55.62	+ 0.58	−14.52	19 7 55.55	48.128	+ 8.62	+ 19.7	9 23 41.68	− 1.11	+19 41 56.5	+ 9.8
25	B. D.+16°1984	9	26 40.04	+ 0.55	−14.52	22 39 55.15	44.875	+ 8.62	+ 23.7	9 26 26.07	− 1.12	+16 11 7.3	+10.7
26	B. D.+20°2340	9	30 57.23	+ 0.58	−14.52	18 21 52.20	48.160	+ 8.62	+ 18.9	9 30 43.29	− 1.13	+20 28 0.0	+ 9.5
27	B. D.+20°2351	9	33 50.02	+ 0.59	−14.52	18 7 55.35	44.380	+ 8.62	+ 18.6	9 33 36.09	− 1.14	+20 43 23.5	+ 9.5
28	ο Leonis	9	36 20.14	+ 0.52	**−14.56**	28 31 53.58	44.302	+ 8.62	+ 30.8	9 36 6.14	....	+10 19 15.1	....
29	ρ Leonis	9	28 3.92	+ 0.51	**−14.46**	29 3 56.05	43.455	+ 8.38	+ 31.5	10 27 49.91	....	+ 9 47 31.3	....
30	34 Sextantis	9	37 58.63	+ 0.48	**−14.53**	34 45 54.42	45.805	+ 8.38	+ 39.4	10 37 44.59	....	+ 4 4 31.3	....
31	B. D.+10°2200	9	41 32.64	+ 0.52	−14.52	28 49 55.22	45.185	+ 8.38	+ 31.3	10 41 18.64	− 1.36	+10 0 52.8	+11.2
32	B. D.+ 2°2359	9	44 11.32	+ 0.46	−14.52	36 55 54.05	46.882	+ 8.38	+ 42.7	10 43 57.26	− 1.42	+ 1 54 3.8	+12.4
33	B. D.+ 1°2495	9	47 36.43	+ 0.46	−14.52	37 19 54.42	42.995	+ 8.38	+ 43.3	10 47 22.37	− 1.43	+ 1 31 31.7	+12.4
34	B. D.+ 6°2369	9	51 21.01	+ 0.50	−14.52	32 9 55.00	43.855	+ 8.38	+ 35.7	10 51 6.99	− 1.40	+ 6 41 19.0	+11.5
35	B. D.+ 8°2445	8	54 51.51	+ 0.50	−14.52	31 5 54.95	47.760	+ 8.38	+ 34.3	10 54 37.49	− 1.40	+ 7 43 51.2	+11.3
36	B. D.+ 9°2441	8	57 51.14	+ 0.52	−14.52	29 9 55.05	45.322	+ 8.38	+ 31.7	10 57 37.14	− 1.40	+ 9 40 49.4	+10.9
37	p^4 Leonis	9	2 19.04	+ 0.46	−14.52	36 21 54.42	46.928	+ 8.38	+ 41.8	11 2 4.98	− 1.45	+ 2 28 3.3	+11.8
38	B. D.+ 5°2451	8	4 7.00	+ 0.49	−14.52	33 19 55.52	46.735	+ 8.38	+ 37.4	11 3 52.97	− 1.44	+ 5 30 11.0	+11.4
39	B. D.+ 8°2476	9	9 21.16	+ 0.51	−14.52	30 15 55.68	45.730	+ 8.38	+ 33.2	11 9 7.15	− 1.42	+ 8 34 38.0	+10.8
40	φ Leonis	9	12 5.58	+ 0.42	−14.52	41 57 55.55	47.038	+ 8.38	+ 51.1	11 11 51.48	− 1.52	− 3 8 9.6	+12.1
41	B. D.+ 4°2449	9	15 6.54	+ 0.48	−14.52	34 41 55.78	46.405	+ 8.38	+ 39.4	11 14 52.50	− 1.46	+ 4 8 16.3	+11.2
42	B. D.+ 3°2490	9	16 18.99	+ 0.47	−14.52	35 53 54.15	46.055	+ 8.38	+ 41.2	11 16 4.94	− 1.48	+ 2 56 24.1	+11.4
43	B. D.+ 0°2782	9	18 41.67	+ 0.45	−14.52	38 11 52.88	44.408	+ 8.38	+ 44.7	11 18 27.60	− 1.50	+ 0 38 59.5	+11.5
44	B. D.+ 4°2461	9	21 1.99	+ 0.48	−14.52	35 1 55.55	43.820	+ 8.38	+ 39.8	11 20 47.95	− 1.48	+ 3 49 15.2	+11.1
45	B. D.+10°2291	9	24 20.43	+ 0.52	−14.52	28 17 56.90	43.750	+ 8.38	+ 30.6	11 24 6.43	− 1.44	+10 33 24.6	+10.3
46	B. D.+10°2302	9	28 18.87	+ 0.52	−14.52	28 55 54.92	46.922	+ 8.38	+ 31.5	11 28 4.87	− 1.45	+ 9 54 13.3	+10.3
47	B. D.− 3°3144	9	30 24.00	+ 0.42	−14.52	42 39 55.68	47.415	+ 8.38	+ 52.4	11 30 9.90	− 1.56	− 3 50 19.7	+11.5
48	B. D.+ 7°2468	9	33 54.78	+ 0.50	−14.52	31 49 55.30	43.695	+ 8.38	+ 35.3	11 33 40.76	− 1.47	+ 7 1 22.8	+10.5
49	B. D.+ 0°2826	9	38 43.66	+ 0.45	−14.52	38 7 55.38	45.410	+ 8.38	+ 44.6	11 38 29.59	− 1.52	+ 0 42 34.3	+10.9
50	B. D.− 4°3137	8	41 46.06	+ 0.41	−14.52	43 39 53.85	45.272	+ 8.38	+ 54.3	11 41 31.95	− 1.58	− 4 49 30.8	+11.1
51	B. D.− 1°2576	9	45 50.53	+ 0.43	−14.52	40 43 54.92	45.670	+ 8.38	+ 49.0	11 45 36.44	− 1.56	− 1 53 35.7	+10.8
52	B. D.− 0°2507	9	49 26.01	+ 0.44	−14.52	39 21 54.18	43.840	+ 8.38	+ 46.7	11 49 11.93	− 1.55	− 0 30 50.8	+10.6
53	B. D.+ 6°2529	9	52 11.70	+ 0.49	−14.52	32 57 55.32	46.585	+ 8.38	+ 36.9	11 51 57.67	− 1.50	+ 5 52 15.1	+10.1
54	B. D.+ 2°2499	9	54 47.69	+ 0.46	−14.52	36 29 55.00	43.880	+ 8.38	+ 42.1	11 54 33.63	− 1.53	+ 2 21 12.1	+10.2
55	B. D.+ 6°2543	9	59 9.01	+ 0.49	−14.52	32 45 55.30	44.255	+ 8.38	+ 36.6	11 58 54.98	− 1.50	+ 6 5 8.7	+ 9.9
56	B. D.+ 1°2656	9	3 24.35	+ 0.45	−14.52	37 41 54.42	44.750	+ 8.38	+ 44.0	12 3 10.28	− 1.54	+ 1 8 50.9	+10.0
57	B. D.− 1°2632	9	6 45.44	+ 0.43	−14.52	40 59 53.88	47.565	+ 8.38	+ 49.5	12 6 31.35	− 1.58	− 1 10 18.4	+10.0
58	B. D.− 0°2554	9	10 23.81	+ 0.44	−14.52	39 37 56.40	47.012	+ 8.38	+ 47.2	12 10 9.73	− 1.57	− 0 48 6.0	+ 9.8
59	B. D.+ 2°2526	9	13 21.63	+ 0.46	−14.52	36 43 55.75	46.970	+ 8.38	+ 42.5	12 13 7.57	− 1.54	+ 2 6 0.3	+ 9.6
60	c Virginis	9	15 47.02	+ 0.48	−14.52	34 59 55.20	46.338	+ 8.38	+ 39.9	12 15 32.98	− 1.53	+ 3 50 17.9	+ 9.5
61	B. D.+ 2°2536	9	20 4.77	+ 0.46	−14.52	36 55 54.68	45.925	+ 8.38	+ 42.9	12 19 50.71	− 1.54	+ 1 54 24.8	+ 9.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 8 18	....	....	63.7
8 47	29.845	62.0	63.2
9 10	....	....	61.9
9 37	29.85	60.6	61.0
10 25	29.85	60.0	60.7
10 49	....	....	60.0
11 13	29.855	59.7	59.5
11 45	....	....	59.0
12 0	29.85	58.6	58.4
12 21	....	....	57.8

Micrometer bisections are made at II, VI, except as noted below.

1, 3, 11, 25, 39, 44, 49, 52.	Bisections at II, VII.
16, 20.	Bisections at I, II.
17, 28.	Bisections at VI, VII.
46.	Bisections at II, VI, VII.

Notes.

4.	Mean of close double observed.
12–61.	Images occasionally poor; unsteady.
32, 35.	Faint.
48.	Revolutions of micrometer reading assumed.
51.	Very diffuse.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 7°3409	9	23 18.66	+ 0.39	−14.52	46 59 55.70	44.228	+ 8.38	+1 1.1	12 23 4.53	− 1.66	− 8 9 15.6	+ 9.3
2	B. D.− 3°3309	9	26 13.37	+ 0.42	−14.52	42 21 54.35	47.522	+ 8.38	+ 52.0	12 25 59.27	− 1.60	− 3 32 20.4	+ 9.2
3	B. D.− 0°2590	9	29 46.72	+ 0.44	−14.52	39 43 54.92	44.778	+ 8.38	+ 47.4	12 29 32.64	− 1.57	− 0 53 13.7	+ 9.1
4	B. D.+ 2°2560	9	33 47.30	+ 0.46	−14.52	36 27 55.18	45.768	+ 8.38	+ 42.2	12 33 33.24	− 1.57	+ 2 22 28.6	+ 9.0
5	ρ Virginis	9	37 20.09	+ 0.52	**−14.50**	28 5 56.50	43.892	+ 8.38	+ 30.5	12 37 6.09	.....	+10 45 21.9	....
6	35 Virginis	9	43 16.75	+ 0.48	**−14.52**	34 45 55.02	43.685	+ 8.38	+ 39.7	12 43 2.71	.....	+ 4 5 18.9	....
	March 27, Br.												
7	118 H^1. Cassiopeiæ s. p.	9	36 52.21	− 0.23	−14.62	286 19 51.50	45.230	+ 8.62	−3 12.8	2 36 37.36	+ 1.25	+67 25 20.5	− 2.5
8	ξ Boötis (*brighter*)	9	47 15.56	+ 0.59	−14.62	19 21 55.40	43.828	+ 8.62	+ 20.3	14 47 1.53	− 1.24	+19 29 34.4	+ 7.3
9	ξ^2 Libræ	9	51 52.43	+ 0.38	**−14.66**	49 51 56.50	44.898	+ 8.62	+1 8.3	14 51 38.19	.....	−11 1 39.1	....
10	β Boötis	9	58 37.21	+ 0.77	−14.62	358 5 54.12	44.462	+ 8.62	− 1.8	14 58 23.36	.....	+40 45 43.3	....
11	c Boötis	9	3 22.86	+ 0.63	−14.62	13 35 55.22	47.790	+ 8.62	+ 14.0	15 3 8.87	− 1.18	+25 14 10.3	+ 7.9
12	1 Lupi	9	9 4.17	+ 0.19	−14.62	69 57 57.10	46.745	+ 8.62	+2 37.1	15 8 49.74	− 1.72	−31 9 50.9	− 3.8
13	β Libræ	9	12 9.23	+ 0.39	**−14.64**	47 51 56.85	46.052	+ 8.62	+1 3.7	15 11 55.00	.....	− 9 2 1.2	....
14	μ Boötis	9	21 9.12	+ 0.74	−14.62	1 7 53.92	47.748	+ 8.62	+ 1.2	15 20 55.24	.....	+37 42 25.3	....
15	β Coronæ Borealis	9	24 9.76	+ 0.67	**−14.56**	9 25 55.18	43.732	+ 8.62	+ 9.6	15 23 55.81	.....	+29 25 47.4	....
16	Mars I, C	9	31 58.80	+ 0.32	−14.62	56 25 55.80	49.685	+ 8.62	+1 26.7	15 31 44.50	+ 0.49	−17 36 10.8	....
17	Mars II	9	31 59.83	+ 0.32	−14.62	... .	......	.....	. ....	15 31 45.53	− 0.54	.. ..	....
18	γ Coronæ Borealis	9	39 0.17	+ 0.64	−14.62	12 15 55.98	44.058	+ 8.62	+ 12.6	15 38 46.19	− 1.05	+26 35 36.2	+ 8.0
19	12 H. Draconis	8	45 27.75	+ 1.12	−14.62	335 57 52.70	46.405	+ 8.62	− 25.6	15 45 14.25	− 1.32	+62 53 24.1	+10.6
20	π Scorpii	9	53 21.99	+ 0.25	−14.62	64 39 56.92	44.605	+ 8.62	+2 1.4	15 53 7.62	− 1.39	−25 50 25.9	− 4.9
21	β^1 Scorpii	9	0 10.32	+ 0.31	**−14.69**	58 21 53.85	46.772	+ 8.62	+1 33.6	15 59 56.01	.....	−19 32 44.2	....
22	τ Coronæ Borealis	9	5 44.67	+ 0.73	−14.62	2 7 55.22	44.172	+ 8.62	+ 2.2	16 5 30.78	− 0.95	+36 43 44.4	+ 9.4
23	δ Ophiuchi	9	9 37.24	+ 0.43	**−14.62**	42 17 56.48	44.010	+ 8.62	+ 52.6	16 9 23.05	.....	− 3 27 3.4	....
24	ε Ophiuchi	9	13 32.94	+ 0.42	**−14.67**	43 17 57.08	45.668	+ 8.62	+ 54.4	16 13 18.74	.....	− 4 27 43.4	....
25	23 Herculis	9	19 32.43	+ 0.70	−14.62	6 17 55.65	45.700	+ 8.62	+ 6.4	16 19 18.51	− 0.89	+32 33 5.2	+ 8.8
26	g Herculis	9	25 46.04	+ 0.79	−14.62	356 45 54.48	45.820	+ 8.62	− 3.2	16 25 32.21	− 0.88	+42 5 13.3	+10.2
27	ζ Ophiuchi	9	32 10.86	+ 0.38	**−14.62**	49 11 57.15	47.195	+ 8.62	+1 7.0	16 31 56.62	.....	−10 22 30.9	....
28	Moon II, N	9	1 11.46	+ 0.32	−14.62	57 47 57.62	43.740	+ 8.62	+1 32.0	19 0 57.16	−67.50	−18 57 37.5	....
	March 28, Br.												
29	Sun I, N	8	26 10.51	+ 0.40	−14.64	35 39 58.28	43.978	+10.08	+ 39.7	0 25 56.27	+64.48	+ 3 11 7.3	....
30	Sun II, S	9	28 19.47	+ 0.40	−14.64	36 11 57.05	44.132	+10.08	+ 40.5	0 28 5.23	−64.48	+ 2 39 4.1	....
31	Mercury I, C	9	27 56.91	+ 0.45	−14.64	28 1 52.88	45.909	+ 9.02	+ 29.4	1 27 42.72	+ 0.21	+10 48 39.8	....
32	Venus I, S	9	35 57.55	+ 0.51	−14.64	17 5 52.22	48.646	+ 9.02	+ 17.0	2 35 43.42	+ 1.55	+21 43 50.3	....
33	λ Ursæ Minoris s. p.	9	17 7.00	−15.25	−14.65	307 51 48.50	46.230	+ 8.36	−1 11.4	19 16 37.10	.....	+88 59 40.1	....
34	4 B. Ursæ Minoris	7	3 44.66	+15.14	−14.65	309 57 49.70	43.343	+ 8.36	−1 6.6	8 3 45.15	.....	+88 55 17.6	....
35	η Cancri	9	27 28.06	+ 0.47	**−14.63**	18 5 54.12	43.730	+ 8.36	+ 18.4	8 27 13.88	.....	+20 45 40.0	....
36	σ Hydræ	9	34 2.83	+ 0.36	−14.65	35 9 55.45	46.482	+ 8.36	+ 39.6	8 33 48.54	.....	+ 3 40 14.4	....
37	γ Cancri	9	38 2.46	+ 0.48	**−14.58**	17 1 54.12	46.955	+ 8.36	+ 17.3	8 37 48.29	.....	+21 48 27.1	....
38	ε Hydræ	9	42 0.03	+ 0.38	**−14.65**	32 3 53.68	47.892	+ 8.36	+ 35.2	8 41 45.76	.....	+ 6 45 48.3	....
39	σ^2 Cancri (*mean*)	9	48 42.08	+ 0.55	−14.65	7 55 53.70	42.735	+ 8.36	+ 7.9	8 48 27.98	.....	+30 56 13.7	....
40	ρ Ursæ Majoris	9	54 14.48	+ 1.11	−14.65	330 51 50.75	44.965	+ 8.36	− 31.2	8 54 0.94	− 1.57	+68 0 4.7	− 3.9
41	κ Cancri	9	2 51.42	+ 0.41	**−14.59**	27 47 54.15	45.480	+ 8.36	+ 29.7	9 2 37.18	.....	+11 2 48.8	....
42	θ Hydræ	9	9 40.74	+ 0.36	**−14.61**	36 7 53.82	45.420	+ 8.36	+ 41.1	9 9 26.45	.....	+ 2 42 39.1	....
43	B. A. C. 7504 s. p.	9	18 48.06	− 4.25	−14.65	305 31 46.78	43.648	+ 8.36	−1 18.4	21 18 29.16	.....	+86 38 33.4	....
44	10 Leonis Minoris	9	28 39.58	+ 0.61	−14.65	2 1 53.65	46.032	+ 8.36	+ 2.1	9 28 25.54	.....	+36 49 4.1	....
45	ι Hydræ	9	35 15.77	+ 0.34	−14.65	39 33 55.42	44.038	+ 8.36	+ 46.6	9 35 1.46	− 1.21	− 0 42 56.4	+14.7
46	ε Leonis	9	40 42.96	+ 0.51	**−14.64**	14 37 53.70	46.850	+ 8.36	+ 14.8	9 40 28.82	.....	+24 12 32.7	....
47	158 B. Cephei s. p.	9	51 54.03	− 0.46	−14.65	292 7 48.30	47.381	+ 8.36	−2 17.1	21 51 38.92	.....	+73 15 1.9	....
48	π Leonis	9	55 27.18	+ 0.40	**−14.68**	30 21 53.32	42.812	+ 8.36	+ 33.1	9 55 12.93	.....	+ 8 29 47.4	....
49	υ^2 Hydræ	9	0 45.72	+ 0.25	−14.65	51 25 53.90	47.215	+ 8.36	+1 10.8	10 0 31.32	.....	−12 36 32.0	....
50	λ Hydræ	9	6 13.27	+ 0.26	**−14.68**	50 43 52.32	44.260	+ 8.36	+1 9.0	10 5 58.88	.....	−11 53 20.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 12 44	29.85	57.1	56.2
14 37	29.83	53.9	52.8
15 12	.....	....	51.8
15 32	29.83	53.1	51.9
15 45	.....	....	51.6
16 26	.....	....	50.5
16 38	29.83	51.9	50.1
19 1	29.85	50.5	48.9
28 0 28	29.90	70.6	73.0
1 28	29.88	72.2	74.9
2 36	29.87	76.0	77.0
7 14	29.87	69.0	68.2
8 10	.....	....	66.1
8 27	29.87	66.6	65.9
8 49	.....	....	65.0
9 41	.....	....	63.2
10 6	29.88	63.0	63.0

Micrometer bisections are made at II, VI, except as noted below.

7, 10, 26, 40.	Bisections at III, V.
12, 22, 23, 29, 36–38, 49.	Bisections at I, II.
16.	Z. D. threads C used.
16, 31, 32.	Bisections at I, II, VI, VII.
19.	Bisections at IV, V.
21, 30, 48.	Bisections at VI, VII.
28.	Bisections at II, III, IV, V, VI.
33.	Bisections at b_1, b_2, b_5, b_8, b_9.
34.	Bisections at b_2, b_3, b_5, b_7, b_8.
43, 47.	Bisections at III, IV, V.

Notes.

1–6.	Images poor.
7, 21.	Diffuse.
16–27.	Unsteady and woolly at times.
18, 24.	Faint.
33, 34.	Unsteady.
33–50.	Conditions rather poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+ 9.7	.. ....	0.0	+ 9.7
28	+47 39.3	−15 24.7	...	+32 14.6
29	+ 5.1	−16 1.6	...	−15 56.5
30	+ 5.2	+16 1.5	...	+16 6.7
31	+ 3.8	.. ....	+ 0.4	+ 4.2
32	+ 6.5	+ 21.6	...	+ 28.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	March 28, M.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mars I, C.	9	32 12.61	+ 0.24	−14.54	56 27 56.68	49.224	+ 8.46	+1 26.3	15 31 58.31	+ 0.37	−17 38 0.6	....
2	Mars II	9	32 13.39	+ 0.24	−14.54	... .	......	....	. ....	15 31 59.09	− 0.41	.. ..	....
3	γ Coronæ Borealis.	9	39 0.21	+ 0.57	−14.54	12 15 56.32	44.058	+ 8.46	+ 12.5	15 38 46.24	− 1.08	+26 35 36.1	+ 7.9
4	κ Serpentis.	9	44 42.90	+ 0.51	−14.54	20 25 53.72	42.870	+ 8.46	+ 21.4	15 44 28.87	.....	+18 25 57.0	....
5	δ Scorpii	8	54 58.58	+ 0.20	−14.54	61 11 56.22	41.785	+ 8.46	+1 44.0	15 54 44.24	.....	−22 21 3.2	....
6	β¹ Scorpii	9	0 10.37	+ 0.23	**−14.63**	58 21 55.12	46.698	+ 8.46	+1 33.0	15 59 56.06	.....	−19 32 43.4	....
7	c¹ Scorpii	9	6 42.72	+ 0.14	−14.54	66 29 56.40	45.030	+ 8.46	+2 11.4	16 6 28.32	− 1.37	−27 40 44.9	− 6.0
8	δ Ophiuchi	9	9 37.27	+ 0.36	**−14.56**	42 17 56.60	44.028	+ 8.46	+ 52.2	16 9 23.09	.....	− 3 27 3.1	....
9	ε Ophiuchi	9	13 32.95	+ 0.35	**−14.58**	43 17 56.42	45.722	+ 8.46	+ 54.1	16 13 18.76	.....	− 4 27 43.5	....
10	23 Herculis.	9	19 32.47	+ 0.63	−14.54	6 17 55.38	45.720	+ 8.46	+ 6.4	16 19 18.56	− 0.92	+32 33 5.1	+ 8.8
11	g Herculis.	9	25 46.07	+ 0.72	−14.54	356 45 53.65	45.855	+ 8.46	− 3.2	16 25 32.25	− 0.91	+42 5 13.4	+10.1
12	ζ Ophiuchi	9	32 10.93	+ 0.31	**−14.60**	49 11 57.65	47.220	+ 8.46	+1 6.5	16 31 56.70	.....	−10 22 31.0	....
13	42 Herculis.	9	36 24.76	+ 0.80	−14.54	349 43 53.95	47.695	+ 8.46	− 10.3	16 36 11.02	− 0.89	+49 6 38.1	+10.8
14	ε Scorpii	9	44 16.18	+ 0.08	−14.54	72 55 56.42	43.780	+ 8.46	+3 5.2	16 44 1.72	.....	−34 7 9.8	....
15	24 Ophiuchi	9	51 19.59	+ 0.20	−14.54	61 49 58.72	43.828	+ 8.46	+1 47.0	16 51 5.25	− 1.04	−22 59 55.4	− 6.3
16	117 G. Scorpii	9	55 59.49	+ 0.10	−14.54	70 47 57.38	47.000	+ 8.46	+2 43.9	16 55 45.05	− 1.12	−32 0 3.3	− 9.4
17	η Ophiuchi	9	5 10.94	+ 0.27	**−14.58**	54 25 57.45	46.382	+ 8.46	+1 20.3	17 4 56.67	.....	−15 36 25.8	....
18	α Herculis.	9	10 33.66	+ 0.49	**−14.48**	24 21 54.90	43.018	+ 8.46	+ 26.1	17 10 19.61	.....	+14 29 47.7	....
19	π Herculis.	9	14 3.56	+ 0.64	−14.54	5 39 54.50	43.532	+ 8.46	+ 5.8	17 13 49.66	− 0.67	+33 11 56.6	+ 8.9
20	σ Ophiuchi	9	22 2.87	+ 0.42	**−14.53**	34 37 57.42	43.665	+ 8.46	+ 39.7	17 21 48.75	.....	+ 4 13 16.9	....
21	λ Herculis.	9	27 8.48	+ 0.58	−14.54	12 39 57.08	46.232	+ 8.46	+ 13.0	17 26 54.52	− 0.62	+26 10 45.2	+ 7.5
22	Moon II.	9	56 2.04	+ 0.31	−14.54	56 54	......	....	. ....	19 55 47.81	−66.08	.. ..	....
	March 29, M.												
23	Sun I, S.	9	29 48.75	+ 0.39	−14.55	35 47 57.32	45.802	+ 8.61	+ 40.1	0 29 34.59	+64.31	+ 3 2 27.6	....
24	Sun II, N.	9	31 57.37	+ 0.39	−14.55	35 15 55.92	45.798	+ 8.61	+ 39.3	0 31 43.21	−64.31	+ 3 34 29.8	....
25	Mercury C, C.	9	33 32.83	+ 0.44	−14.55	27 17 56.85	43.108	+ 8.55	+ 28.4	1 33 18.72	+ 0.07	+11 33 41.3	....
26	Venus I, S.	9	37 0.78	+ 0.52	−14.55	16 55 52.88	47.705	+ 8.55	+ 16.7	2 36 46.75	+ 1.57	+21 54 12.1	....
	March 29, Ei.-M.												
27	χ Geminorum	9	57 55.89	+ 0.58	**−14.58**	10 47 54.15	44.502	+ 7.24	+ 10.7	7 57 41.91	.....	+28 3 31.2	....
28	B. D.+13°1831	9	0 1.92	+ 0.46	−14.56	25 27 52.65	44.882	+ 7.24	+ 26.6	7 59 47.82	− 0.74	+13 23 8.1	+11.8
29	B. D.+25°1853	9	2 38.76	+ 0.55	−14.56	13 51 54.20	45.055	+ 7.24	+ 13.8	8 2 24.75	− 0.75	+24 59 15.4	+ 8.0
30	β Cancri	9	11 36.82	+ 0.43	**−14.59**	29 21 53.22	46.380	+ 7.24	+ 31.4	8 11 22.69	.....	+ 9 28 28.5	....
31	B. D.+16°1729	9	22 45.86	+ 0.48	−14.56	22 29 51.22	46.442	+ 7.24	+ 23.2	8 22 31.78	− 0.84	+16 20 37.3	+10.8
32	η Cancri	9	27 27.96	+ 0.51	**−14.59**	18 5 53.05	43.810	+ 7.24	+ 18.3	8 27 13.91	.....	+20 45 40.5	....
33	B. D.+22°1962	9	31 22.25	+ 0.53	−14.56	16 19 54.60	48.275	+ 7.24	+ 16.4	8 31 8.22	− 0.87	+22 29 58.8	+ 8.8
34	B. D.+20°2149	9	34 30.22	+ 0.51	−14.56	18 43 53.58	46.508	+ 7.24	+ 19.0	8 34 16.17	− 0.89	+20 6 37.3	+ 9.6
35	B. D.+20°2175	9	35 44.41	+ 0.51	−14.56	18 55 54.48	45.830	+ 7.24	+ 19.2	8 35 30.36	− 0.89	+19 54 52.0	+ 9.7
36	δ Cancri	9	39 32.30	+ 0.50	**−14.59**	20 19 51.12	48.095	+ 7.24	+ 20.8	8 39 18.24	.....	+18 30 2.3	....
37	B. D.+12°1904	9	41 58.69	+ 0.46	−14.56	26 23 54.95	44.262	+ 7.24	+ 27.8	8 41 44.59	− 0.93	+12 27 18.8	+12.0
38	B. D.+13°2007	9	47 25.47	+ 0.46	−14.56	25 15 53.80	44.265	+ 7.24	+ 26.4	8 47 11.37	− 0.95	+13 35 21.3	+11.6
39	B. D.+16°1864	9	52 32.04	+ 0.48	−14.56	22 53 52.78	46.432	+ 7.24	+ 23.7	8 52 17.96	− 0.96	+15 56 35.5	+10.8
40	B. D.+17°1960	9	56 38.88	+ 0.49	−14.56	21 23 53.75	45.255	+ 7.24	+ 22.0	8 56 24.81	− 0.98	+17 27 3.1	+10.4
41	B. D.+19°2153	9	0 20.74	+ 0.51	−14.56	19 1 54.62	46.178	+ 7.24	+ 19.4	9 0 6.69	− 0.99	+19 48 43.7	+ 9.6
42	κ Cancri	9	2 51.36	+ 0.44	**−14.57**	27 47 53.98	45.518	+ 7.24	+ 29.5	9 2 37.24	.....	+11 2 49.4	....
43	B. D.+19°2171	9	5 46.71	+ 0.50	−14.56	19 33 53.55	47.200	+ 7.24	+ 20.0	9 5 32.65	− 1.01	+19 16 20.9	+ 9.8
44	B. D.+10°1956	9	8 31.21	+ 0.44	−14.56	28 7 55.40	48.470	+ 7.24	+ 30.0	9 8 17.09	− 1.04	+10 41 40.0	+12.2
45	B. D.+17°2053	9	12 35.96	+ 0.49	−14.56	21 43 53.48	48.080	+ 7.24	+ 22.4	9 12 21.89	− 1.04	+17 5 58.4	+10.4
46	B. D.+17°2065	9	16 24.08	+ 0.49	−14.56	21 49 53.62	48.065	+ 7.24	+ 22.5	9 16 10.01	− 1.06	+16 59 58.5	+10.4
47	B. D.+11°2035	9	20 10.75	+ 0.44	−14.56	28 1 53.85	44.395	+ 7.24	+ 29.9	9 19 56.63	− 1.09	+10 49 14.8	+12.1
48	B. D.+21°2036	9	24 15.90	+ 0.52	−14.56	17 31 53.65	44.005	+ 7.24	+ 17.8	9 24 1.86	− 1.08	+21 19 35.9	+ 9.2
49	ξ Leonis	9	27 4.86	+ 0.45	**−14.59**	27 7 55.32	44.960	+ 7.24	+ 28.8	9 26 50.75	.....	+11 43 1.5	....
50	B. D.+10°2026	9	30 58.46	+ 0.44	−14.56	28 33 54.62	43.978	+ 7.24	+ 30.6	9 30 44.34	− 1.13	+10 17 22.8	+12.1
51	B. D.+11°2071	9	33 54.97	+ 0.45	−14.56	27 37 55.00	47.030	+ 7.24	+ 29.4	9 33 40.86	− 1.14	+11 12 13.9	+11.8
52	B. D.+20°2366	9	38 18.67	+ 0.51	−14.56	18 13 55.28	44.218	+ 7.24	+ 18.5	9 38 4.62	− 1.13	+20 37 28.8	+ 9.3
53	ε Leonis	9	40 42.87	+ 0.54	**−14.60**	14 37 55.20	46.815	+ 7.24	+ 14.7	9 40 28.85	.....	+24 12 33.3	....
54	B. D.+12°2095	9	42 34.91	+ 0.45	−14.56	26 49 54.05	47.092	+ 7.24	+ 28.4	9 42 20.80	− 1.16	+12 0 14.4	+11.5
55	B. D.+12°2105	9	45 57.98	+ 0.45	−14.56	26 33 56.78	45.118	+ 7.24	+ 28.1	9 45 43.87	− 1.18	+12 16 57.1	+11.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
28 15 27	29.86	56.6	55.5
16 4	....	....	54.6
16 29	29.86	55.8	54.3
17 0	....	....	54.0
17 28	29.88	55.3	53.7
29 0 32	29.895	69.5	71.0
1 34	29.87	72.2	75.8
2 37	29.86	76.0	78.0
7 58	29.82	70.0	68.9
8 20	....	....	68.0
8 48	29.82	68.1	67.0
9 16	....	....	65.6
9 44	29.82	66.0	64.7

Micrometer bisections are made at II, VI, except as noted below.

1.	Z. D. threads C used.
1, 25.	Bisections at I, II, VI, VII.
12.	Bisection at VII.
14, 24, 26, 36.	Bisections at VI, VII.
16.	Bisections at II, VI, VII.
23, 34.	Bisections at I, II.

Note.
16. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 9.8	.. ....	0.0	+ 9.8
23	+ 5.1	+16 1.1	...	+16 6.2
24	+ 5.1	−16 1.1	...	−15 56.0
25	+ 3.8	.. ....	+0.4	+ 4.2
26	+ 6.5	+ 21.9	...	+ 28.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 5°2248	9	49 24.22	+ 0.41	−14.56	33 27 55.15	43.772	+ 7.24	+ 37.1	9 49 10.07	− 1.22	+ 5 23 20.5	+13.0
2	B. D.+15°2141	9	53 17.23	+ 0.48	−14.56	23 9 53.48	47.178	+ 7.24	+ 24.1	9 53 3.15	− 1.19	+15 40 17.3	+10.5
3	B. D.+ 9°2280	9	56 14.19	+ 0.43	−14.56	29 25 52.55	47.045	+ 7.24	+ 31.7	9 56 0.06	− 1.22	+ 9 24 13.7	+12.0
4	B. D.+ 8°2316	9	0 18.77	+ 0.43	−14.56	30 23 52.90	45.295	+ 7.24	+ 33.0	10 0 4.64	− 1.24	+ 8 26 52.1	+12.1
5	B. D.+15°2167	9	2 46.21	+ 0.48	−14.56	23 13 53.85	44.655	+ 7.24	+ 24.2	10 2 32.13	− 1.22	+15 37 14.5	+10.4
6	B. D.+ 8°2327	9	6 9.89	+ 0.42	−14.56	30 41 53.22	43.515	+ 7.24	+ 33.4	10 5 55.75	− 1.26	+ 8 9 32.0	+12.1
7	B. D.+16°2098	9	9 38.14	+ 0.48	−14.56	22 13 53.75	46.920	+ 7.24	+ 23.1	10 9 24.06	− 1.24	+16 36 23.9	+10.2
8	B. D.+13°2237	9	13 33.79	+ 0.46	−14.56	25 45 53.90	43.452	+ 7.24	+ 27.2	10 13 19.69	− 1.26	+13 5 38.9	+10.9
9	B. D.+ 3°2352	9	16 23.26	+ 0.39	−14.56	36 3 53.60	47.650	+ 7.24	+ 41.0	10 16 9.09	− 1.32	+ 2 45 49.5	+13.0
10	B. D.+14°2237	9	18 35.62	+ 0.47	−14.56	24 27 55.02	45.280	+ 7.24	+ 25.7	10 18 21.53	− 1.27	+14 22 57.6	+10.6
11	B. D.+10°2152	9	22 53.44	+ 0.44	−14.56	28 35 54.40	46.065	+ 7.24	+ 30.7	10 22 39.32	− 1.30	+10 14 35.2	+11.4
12	B. D.+ 7°2314	9	25 44.85	+ 0.42	−14.56	31 17 54.60	46.040	+ 7.24	+ 34.3	10 25 30.71	− 1.32	+ 7 32 32.0	+11.9
13	ρ Leonis	9	28 4.11	+ 0.44	**−14.59**	29 3 53.78	43.625	+ 7.24	+ 31.3	10 27 49.99	....	+ 9 47 31.0	....
14	B. D.+10°2176	9	32 28.17	+ 0.44	−14.56	28 59 54.80	42.648	+ 7.24	+ 31.2	10 32 14.05	− 1.33	+ 9 51 52.4	+11.3
15	B. D.+ 7°2345	9	36 56.66	+ 0.42	−14.56	31 19 54.40	42.998	+ 7.24	+ 34.3	10 36 42.52	− 1.35	+ 7 31 41.5	+11.6
16	34 Sextantis	9	37 58.73	+ 0.40	**−14.56**	34 45 54.35	45.835	+ 7.24	+ 39.1	10 37 44.57	....	+ 4 4 32.2	....
	March 29, Y.												
17	o^2 Libræ	9	17 59.48	+ 0.24	−14.54	53 37 57.02	44.818	+ 7.22	+1 17.1	15 17 45.18	....	−14 47 45.2	....
18	β Coronæ Borealis	9	24 9.91	+ 0.55	**−14.54**	9 25 55.65	43.750	+ 7.22	+ 9.5	15 23 55.92	....	+29 25 48.0	....
19	ν^2 Boötis	9	28 38.03	+ 0.65	−14.54	357 37 55.15	46.115	+ 7.22	− 2.3	15 28 24.14	− 1.16	+41 13 6.4	+ 9.4
20	B. D.+43°2510	9	32 9.56	+ 0.67	−14.54	355 21 52.98	47.260	+ 7.22	− 4.5	15 31 55.69	− 1.16	+43 28 44.6	+ 9.6
21	β Serpentis	9	42 3.34	+ 0.45	**−14.46**	23 7 56.15	45.165	+ 7.22	+ 24.3	15 41 49.25	....	+15 43 0.5	....
22	γ Serpentis	9	52 19.06	+ 0.45	**−14.53**	22 51 54.38	47.482	+ 7.22	+ 24.1	15 52 4.97	....	+15 58 9.5	....
23	66 H^1. Draconis	9	55 47.01	+ 0.81	−14.54	343 49 52.78	47.418	+ 7.22	− 16.4	15 55 33.28	− 1.18	+55 0 53.0	+10.5
24	ε Ophiuchi	9	13 32.91	+ 0.32	**−14.49**	43 17 57.30	45.775	+ 7.22	+ 53.7	16 13 18.69	....	− 4 27 43.9	....
25	ξ Coronæ Borealis	9	18 38.66	+ 0.56	−14.54	7 43 55.08	47.143	+ 7.22	+ 7.8	16 18 24.68	− 0.95	+31 6 33.0	+ 8.5
26	β Herculis	9	26 23.09	+ 0.49	**−14.52**	17 9 56.08	43.842	+ 7.22	+ 17.6	16 26 9.04	....	+21 41 37.5	....
27	ζ Ophiuchi	9	32 10.92	+ 0.28	**−14.53**	49 11 57.30	47.262	+ 7.22	+1 6.0	16 31 56.66	....	−10 22 30.2	....
28	η Herculis	9	39 53.12	+ 0.63	−14.54	359 45 55.25	43.750	+ 7.22	− 0.2	16 39 39.21	....	+39 5 58.2	....
29	κ Herculis	9	45 57.63	+ 0.40	−14.54	31 25 54.72	45.840	+ 7.22	+ 34.8	16 45 43.49	− 0.88	+ 7 24 36.0	+ 3.2
	March 30, Ei.-Y.												
30	ξ Leonis	9	27 4.82	+ 0.48	**−14.59**	27 7 56.02	44.842	+ 8.52	+ 29.7	9 26 50.75	....	+11 43 1.3	....
31	B. D.+13°2136	9	35 40.94	+ 0.49	−14.55	25 21 54.38	44.940	+ 8.52	+ 27.5	9 35 26.88	− 1.12	+13 29 2.9	+11.2
32	B. D.+19°2251	9	39 28.33	+ 0.54	−14.55	19 31 55.55	48.285	+ 8.52	+ 20.6	9 39 14.32	− 1.13	+19 17 52.2	+ 9.6
33	ε Leonis	9	40 42.78	+ 0.58	**−14.56**	14 37 56.92	46.678	+ 8.52	+ 15.2	9 40 28.81	....	+24 12 33.1	....
34	B. D.+10°2054	9	42 56.62	+ 0.47	−14.55	28 19 57.68	45.545	+ 8.52	+ 31.3	9 42 42.54	− 1.16	+10 30 42.0	+11.8
35	B. D.+16°2039	9	46 16.56	+ 0.52	−14.55	22 3 55.65	48.610	+ 8.52	+ 23.6	9 46 2.53	− 1.15	+16 45 41.7	+10.2
36	83 B. Leonis	9	51 39.21	+ 0.46	−14.55	29 27 56.70	45.288	+ 8.52	+ 32.8	9 51 25.12	− 1.20	+ 9 22 47.3	+12.0
37	ν Leonis	9	53 22.14	+ 0.49	−14.55	25 55 56.70	48.360	+ 8.52	+ 28.3	9 53 8.08	− 1.19	+12 53 41.6	+11.1
38	π Leonis	9	55 26.98	+ 0.46	**−14.56**	30 19 56.65	47.852	+ 8.52	+ 34.0	9 55 12.89	....	+ 8 29 47.3	....
39	B. D.+14°2186	9	56 29.46	+ 0.50	−14.55	24 27 56.15	45.430	+ 8.52	+ 26.5	9 56 15.41	− 1.20	+14 22 50.9	+10.7
40	B. D.+13°2206	9	1 46.30	+ 0.49	−14.55	25 35 55.45	46.250	+ 8.52	+ 27.9	10 1 32.24	− 1.22	+13 14 31.5	+10.9
41	α Leonis	9	3 34.20	+ 0.49	**−14.58**	26 23 55.38	48.400	+ 8.52	+ 28.9	10 3 20.14	....	+12 25 41.4	....
42	B. D.+17°2180	9	6 52.70	+ 0.52	−14.55	21 5 54.35	46.668	+ 8.52	+ 22.5	10 6 38.67	− 1.21	+17 44 28.4	+ 9.8
43	B. D.+12°2177	9	10 21.14	+ 0.48	−14.55	26 41 56.28	46.055	+ 8.52	+ 29.3	10 10 7.07	− 1.25	+12 8 34.0	+11.1
44	B. D.+10°2139	9	14 41.39	+ 0.47	−14.55	28 27 56.62	43.210	+ 8.52	+ 31.5	10 14 27.31	− 1.27	+10 23 36.2	+11.4
45	B. D.+11°2212	9	17 6.42	+ 0.48	−14.55	27 39 56.28	46.052	+ 8.52	+ 30.5	10 16 52.35	− 1.27	+11 10 32.6	+11.2
46	B. D.+ 9°2351	9	20 30.24	+ 0.46	−14.55	29 33 56.90	47.720	+ 8.52	+ 33.0	10 20 16.15	− 1.29	+ 9 15 51.4	+11.6
47	B. D.+16°2123	9	23 36.06	+ 0.51	−14.55	22 35 55.70	47.098	+ 8.52	+ 24.3	10 23 22.02	− 1.27	+16 14 15.4	+10.0
48	B. D.+ 6°2316	9	26 19.66	+ 0.44	−14.55	33 1 56.78	43.155	+ 8.52	+ 37.8	10 26 5.55	− 1.32	+ 5 49 31.0	+12.2
49	ρ Leonis	9	28 4.02	+ 0.47	**−14.54**	29 3 56.28	43.375	+ 8.52	+ 32.4	10 27 49.94	....	+ 9 47 31.9	....
50	48 Leonis	9	30 6.16	+ 0.45	−14.55	31 23 55.35	46.352	+ 8.52	+ 35.6	10 29 52.06	− 1.33	+ 7 26 21.6	+11.8
51	B. D.+16°2144	9	34 4.22	+ 0.52	−14.55	22 13 55.20	44.805	+ 8.52	+ 23.8	10 33 50.19	− 1.30	+16 37 8.8	+ 9.8
52	B. D.+ 1°2471	9	37 44.73	+ 0.41	−14.55	37 29 56.20	43.422	+ 8.52	+ 44.7	10 37 30.59	− 1.39	+ 1 21 18.6	+12.7
53	B. D.+14°2294	9	41 38.87	+ 0.50	−14.55	24 9 56.08	43.480	+ 8.52	+ 26.2	10 41 24.82	− 1.32	+14 41 35.9	+10.2
54	B. D.+ 4°2388	9	46 17.99	+ 0.43	−14.55	34 45 56.90	43.292	+ 8.52	+ 40.4	10 46 3.87	− 1.39	+ 4 5 25.2	+12.0
55	B. D.+ 0°2710	9	47 59.66	+ 0.40	−14.55	38 31 56.80	46.770	+ 8.52	+ 46.4	10 47 45.51	− 1.42	+ 0 17 59.8	+12.6
56	B. D.+14°2319	9	51 59.51	+ 0.50	−14.55	24 47 56.35	43.008	+ 8.52	+ 27.0	10 51 45.46	− 1.35	+14 3 45.6	+10.1
57	B. D.+12°2284	9	54 58.77	+ 0.48	−14.55	26 37 57.00	45.820	+ 8.52	+ 29.3	10 54 44.70	− 1.37	+12 12 38.1	+10.4

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
29 10 14	......	....	63.5	15, 38, 57. Bisections at I, II.					
10 39	29.815	64.0	62.6	16, 24, 55. Bisections at II, VII.					
15 13	29.80	59.6	58.0	19, 20, 23, 28. Bisections at III, V.					
15 39	......	....	57.7	25. Bisections at IV, VI, VII.					
16 2	29.785	58.8	57.2	33, 43. Bisections at VI, VII.					
16 30	......	....	56.8						
16 52	29.785	58.1	56.9						
30 9 25	30.025	54.3	53.0	Notes.					
9 48	......	....	52.0	6, 20. Revolutions of micrometer reading assumed.					
10 18	30.05	52.5	51.4	17, 29. Faint.					
10 43	......	....	50.2	48, 51, 54, 55, 57. Images poor.					
				48. Unsteady.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*d* Leonis	9	55 54.81	+ 0.43	**−14.52**	34 43 58.00	43.190	+ 8.52	+ 40.4	10 55 40.69	.....	+ 4 7 26.4	....
2	B. D.+ 6°2397	9	59 39.72	+ 0.44	−14.55	33 5 56.98	47.120	+ 8.52	+ 38.0	10 59 25.61	− 1.41	+ 5 44 0.0	+11.4
3	B. D.+ 9°2458	9	3 24.82	+ 0.47	−14.55	29 17 56.80	47.148	+ 8.52	+ 32.8	11 3 10.74	− 1.40	+ 9 32 4.4	+10.7
4	B. D.− 0°2409	9	4 38.25	+ 0.39	−14.55	39 39 58.12	44.835	+ 8.52	+ 48.4	11 4 24.09	− 1.47	− 0 49 19.3	+12.2
5	B. D.+ 1°2539	9	9 43.44	+ 0.41	−14.55	37 25 55.75	46.758	+ 8.52	+ 44.7	11 9 29.30	− 1.47	+ 1 24 2.8	+11.8
6	B. D.+12°2319	9	13 39.16	+ 0.49	−14.55	26 19 56.60	47.298	+ 8.52	+ 28.9	11 13 25.10	− 1.40	+12 30 5.4	+10.1
7	B. D.+ 5°2484	9	16 20.86	+ 0.44	−14.55	33 25 56.15	47.415	+ 8.52	+ 38.5	11 16 6.75	− 1.45	+ 5 23 53.6	+11.0
8	*ι* Leonis	8	19 13.95	+ 0.48	−14.55	27 47 56.82	44.918	+ 8.52	+ 30.8	11 18 59.88	− 1.42	+11 2 57.7	+10.2
9	B. D.+ 9°2494	9	21 38.47	+ 0.46	−14.55	29 39 56.32	45.390	+ 8.52	+ 33.3	11 21 24.38	− 1.44	+ 9 10 44.9	+10.4
10	B. D.+ 0°2793	9	24 43.59	+ 0.40	−14.55	38 39 56.42	45.072	+ 8.52	+ 46.7	11 24 29.44	− 1.50	+ 0 10 38.7	+11.4
11	B. D.+ 4°2492	9	28 47.33	+ 0.43	−14.55	34 11 56.35	43.540	+ 8.52	+ 39.7	11 28 33.21	− 1.48	+ 4 39 20.7	+10.8
12	B. D.+ 6°2470	9	31 56.77	+ 0.45	−14.55	32 11 56.12	47.445	+ 8.52	+ 36.8	11 31 42.67	− 1.47	+ 6 37 54.6	+10.5
13	B. D.+ 1°2597	9	35 47.51	+ 0.41	−14.55	37 21 55.52	45.495	+ 8.52	+ 44.6	11 35 33.37	− 1.51	+ 1 28 32.0	+11.0
14	B. D.− 0°2479	9	39 59.96	+ 0.39	−14.55	39 41 57.08	45.708	+ 8.52	+ 48.5	11 39 45.80	− 1.54	− 0 51 38.3	+11.0
15	B. D.+ 4°2526	9	42 9.98	+ 0.43	−14.55	34 49 56.80	47.135	+ 8.52	+ 40.7	11 41 55.86	− 1.50	+ 3 59 57.1	+10.5
16	B. D.− 4°3152	9	46 26.57	+ 0.36	−14.55	43 37 57.70	47.640	+ 8.52	+ 55.7	11 46 12.38	− 1.59	− 4 48 30.3	+11.1
17	B. D.− 1°2587	9	50 18.56	+ 0.38	−14.55	40 41 56.45	43.772	+ 8.52	+ 50.2	11 50 4.39	− 1.56	− 1 50 55.1	+10.7
18	B. D.− 3°3213	9	53 31.61	+ 0.37	−14.55	42 41 56.72	43.272	+ 8.52	+ 53.8	11 53 17.43	− 1.59	− 3 50 47.6	+10.7
19	*π* Virginis	9	56 15.92	+ 0.45	**−14.57**	31 41 56.55	45.980	+ 8.52	+ 36.1	11 56 1.82	.....	+ 7 8 28.4	....
20	*o* Virginis	9	0 37.82	+ 0.46	**−14.56**	29 35 56.35	43.502	+ 8.52	+ 33.2	12 0 23.73	.....	+ 9 15 28.1	....
	March 30, Br.												
21	Mars I, C	7	32 31.22	+ 0.28	−14.65	56 31 56.82	47.069	+ 9.28	+1 29.1	15 32 16.85	+ 0.47	−17 41 15.1	....
22	Mars II	7	32 32.22	+ 0.28	−14.65	... .	......	....	. ....	15 32 17.85	− 0.53	.. ..	....
23	151 H¹. Cephei s. P.	9	6 46.28	− 3.49	−14.65	304 11 53.08	43.312	+ 9.42	−1 26.3	4 6 28.14	.....	+85 18 25.3	....
24	*ε* Ophiuchi	9	13 33.00	+ 0.38	**−14.61**	43 17 57.72	45.542	+ 9.44	+ 55.6	16 13 18.73	.....	− 4 27 43.2	....
25	23 Herculis	9	19 32.52	+ 0.66	−14.65	6 17 56.85	45.575	+ 9.47	+ 6.6	16 19 18.53	− 0.97	+32 33 5.5	+ 8.6
26	*β* Herculis	9	26 23.18	+ 0.57	**−14.67**	17 9 57.40	43.665	+ 9.49	+ 18.3	16 26 9.10	.....	+21 41 37.5	....
27	*ζ* Ophiuchi	9	32 10.98	+ 0.34	**−14.63**	49 11 58.35	47.030	+ 9.52	+1 8.3	16 31 56.67	.....	−10 22 30.6	....
28	*η* Herculis	9	39 53.08	+ 0.73	−14.65	359 45 55.88	43.608	+ 9.55	− 0.2	16 39 39.16	.....	+39 5 58.5	....
29	*k* Herculis	9	45 57.64	+ 0.47	−14.65	31 25 56.98	45.568	+ 9.57	+ 36.1	16 45 43.46	− 0.91	+ 7 24 36.3	+ 3.2
30	*ε* Ursæ Minoris	9	55 55.21	+ 2.85	−14.65	316 39 52.50	47.453	+ 9.61	− 55.4	16 55 43.41	.....	+82 11 29.0	....
31	*η* Ophiuchi	9	5 11.04	+ 0.30	**−14.66**	54 25 57.60	46.240	+ 9.65	+1 22.4	17 4 56.69	.....	−15 36 26.0	....
32	139 G. Scorpii	9	11 8.40	+ 0.13	−14.65	71 21 57.28	44.340	+ 9.68	+2 53.6	17 10 53.88	− 1.08	−32 33 13.4	−10.0
33	*ξ* Ophiuchi	9	15 33.96	+ 0.25	−14.65	59 49 57.55	45.895	+ 9.69	+1 41.3	17 15 19.56	− 0.93	−21 0 37.0	− 6.2
34	*x* Herculis	9	24 27.65	+ 0.84	−14.65	350 31 55.42	43.510	+ 9.72	− 9.8	17 24 13.84	− 0.71	+48 20 10.6	+11.0
35	*ν*² Draconis	9	30 38.03	+ 0.94	−14.65	343 37 53.90	44.275	+ 9.75	− 17.2	17 30 24.32	− 0.71	+55 14 2.0	+11.6
36	*β* Ophiuchi	9	39 1.62	+ 0.45	**−14.62**	34 13 57.60	46.072	+ 9.78	+ 40.2	17 38 47.42	.....	+ 4 36 19.9	....
37	*γ* Ophiuchi	9	43 22.60	+ 0.44	−14.65	36 5 57.20	45.492	+ 9.80	+ 43.1	17 43 8.39	− 0.64	+ 2 44 30.6	+ 1.0
38	168 H¹. Herculis	9	49 13.71	+ 0.73	−14.65	358 51 55.30	43.715	+ 9.82	− 1.1	17 48 59.79	− 0.57	+39 59 57.2	+10.0
39	Moon II	9	39 6.39	+ 0.31	−14.62	52 8	......	....	. ....	21 38 52.08	−63.21	.. ..	....
	March 31, Br.												
40	Sun I, S	8	37 5.18	+ 0.41	−14.62	35 1 57.50	44.155	+10.15	+ 39.8	0 36 50.97	+64.47	+ 3 49 3.9	....
41	Sun II, N	9	39 14.13	+ 0.41	−14.62	34 29 59.00	43.990	+10.15	+ 39.0	0 38 59.92	−64.48	+ 4 21 6.8	....
42	Mercury C, C	9	43 55.04	+ 0.45	−14.62	25 53 56.55	46.732	+ 9.19	+ 27.5	1 43 40.87	+ 0.08	+12 56 19.1	....
43	Venus I, S	9	38 43.83	+ 0.51	−14.62	16 37 57.60	47.234	+ 9.19	+ 16.9	2 38 29.72	+ 1.63	+22 12 17.1	....
	March 31, Y.												
44	25 Monocerotis	9	32 48.09	+ 0.30	−14.48	42 43 57.68	47.125	+ 7.70	+ 52.6	7 32 33.91	.....	− 3 54 14.6	....
45	*κ* Geminorum	9	38 57.42	+ 0.52	**−14.46**	14 13 58.05	44.400	+ 7.70	+ 14.5	7 38 43.46	.....	+24 37 25.0	....
46	*π* Geminorum	9	41 37.56	+ 0.60	−14.48	5 11 56.05	46.380	+ 7.70	+ 5.2	7 41 23.68	.....	+33 38 51.4	....
47	26 Lyncis	9	48 2.36	+ 0.75	−14.48	351 1 56.28	47.525	+ 7.70	− 8.9	7 47 48.63	.....	+47 48 39.1	....
48	1 Cancri	9	51 50.62	+ 0.45	−14.48	22 47 56.22	46.585	+ 7.70	+ 24.0	7 51 36.59	.....	+16 2 27.8	....
49	*χ* Geminorum	9	57 55.79	+ 0.54	**−14.48**	10 47 57.42	44.330	+ 7.70	+ 10.9	7 57 41.85	.....	+28 3 31.2	....
50	27 Lyncis	9	1 33.46	+ 0.81	−14.48	347 3 55.15	47.228	+ 7.70	− 13.0	8 1 19.79	.....	+51 46 51.1	....
51	*ζ* Cancri	9	7 0.64	+ 0.46	−14.48	20 55 55.68	42.950	+ 7.70	+ 21.8	8 6 46.62	.....	+17 55 53.6	....
52	*β* Cancri	9	11 36.73	+ 0.40	**−14.50**	29 21 57.00	46.145	+ 7.70	+ 32.1	8 11 22.65	.....	+ 9 28 29.0	....
53	*χ* Cancri	9	14 32.50	+ 0.54	−14.48	11 19 58.45	44.598	+ 7.70	+ 11.5	8 14 18.56	− 0.77	+27 31 23.4	+ 7.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 11 11	30.06	51.0	50.0
11 37	......	....	49.5
12 2	30.06	49.9	49.2
15 33	30.065	46.6	44.4
16 14	......	....	44.6
16 46	......	....	45.0
17 1	30.08	46.0	45.0
17 49	30.09	45.9	44.8
31 0 39	30.17	64.8	65.0
1 44	30.15	67.0	67.0
2 39	30.125	68.0	67.8
7 28	30.04	62.9	62.3
7 55	......	....	61.1

Micrometer bisections are made at II, VI, except as noted below.

3, 25, 40, 45.	Bisections at I, II.
8.	Bisections at II, VII.
21.	Z. D. threads C used.
21, 42, 43.	Bisections at I, II, VI, VII.
23, 30.	Bisections at III, IV, V.
26, 41.	Bisections at VI, VII.
28, 34, 35, 38, 47.	Bisections at III, V.
50.	Bisections at III, VI.

Notes.

1-20.	Images generally poor.
23-38.	Somewhat unsteady.
32.	Diffuse.
51.	Assumed that mean of close double was observed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
21	+ 10.0	.. ....	0.0	+ 10.0
40	+ 5.0	+16 1.5	...	+16 6.5
41	+ 5.0	−16 1.4	...	−15 56.4
42	+ 3.8	.. ....	+ 0.6	+ 4.4
43	+ 6.6	+ 22.6	...	+ 29.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	30 Monocerotis	9	21 9.93	+ 0.30	**−14.49**	42 25 56.58	46.765	+ 7.70	+ 52.2	8 20 55.75	....	− 3 36 4.9	....
	March 31, Ei.-Y.												
2	η Cancri	9	27 27.87	+ 0.48	**−14.50**	18 5 57.80	43.558	+ 7.48	+ 18.7	8 27 13.86	....	+20 45 40.6	....
3	B. D.+14°1946	9	35 34.09	+ 0.44	−14.49	24 7 57.18	45.795	+ 7.48	+ 25.7	8 35 20.04	− 0.86	+14 42 43.4	+11.2
4	δ Cancri	9	39 32.19	+ 0.46	**−14.47**	20 19 56.35	47.815	+ 7.48	+ 21.3	8 39 18.16	....	+18 30 2.4	....
5	*o* Leonis	9	36 20.19	+ 0.42	**−14.55**	28 31 56.90	44.155	+ 7.48	+ 31.3	9 36 6.12	....	+10 19 15.6	....
6	B. D.+14°2139	9	41 8.96	+ 0.44	−14.49	24 57 57.12	44.812	+ 7.48	+ 26.8	9 40 54.91	− 1.13	+13 53 4.8	+10.9
7	B. D.+18°2274	9	44 5.86	+ 0.47	−14.49	20 19 56.90	48.420	+ 7.48	+ 21.4	9 43 51.84	− 1.13	+18 29 48.0	+ 9.7
8	B. D.+10°2065	9	48 22.44	+ 0.41	−14.49	28 47 57.78	44.550	+ 7.48	+ 31.6	9 48 8.36	− 1.17	+10 3 5.4	+11.8
9	B. D.+15°2136	9	51 42.97	+ 0.45	−14.49	23 39 56.82	46.355	+ 7.48	+ 25.3	9 51 28.93	− 1.17	+15 10 31.4	+10.5
10	B. D.+11°2136	9	53 56.69	+ 0.42	−14.49	27 55 56.98	46.235	+ 7.48	+ 30.6	9 53 42.62	− 1.19	+10 54 28.6	+11.5
11	B. D.+10°2100	9	58 45.47	+ 0.42	−14.49	28 29 58.35	43.988	+ 7.48	+ 31.3	9 58 31.40	− 1.21	+10 21 18.0	+11.6
12	B. D.+ 4°2291	9	1 50.50	+ 0.37	−14.49	34 53 58.42	46.722	+ 7.48	+ 40.2	10 1 36.38	− 1.25	+ 3 56 6.5	+13.0
13	B. D.+19°2307	9	4 10.90	+ 0.48	−14.49	19 51 55.85	43.510	+ 7.48	+ 20.8	10 3 56.89	− 1.20	+18 59 41.8	+ 9.4
14	B. D.+ 5°2301	9	8 7.14	+ 0.38	−14.49	33 45 58.15	44.925	+ 7.48	+ 38.5	10 7 53.03	− 1.26	+ 5 4 49.8	+12.6
15	B. D.+ 7°2266	9	10 59.06	+ 0.40	−14.49	31 27 57.42	42.830	+ 7.48	+ 35.2	10 10 44.97	− 1.26	+ 7 23 41.4	+12.1
16	B. D.+ 8°2348	9	15 35.03	+ 0.40	−14.49	30 41 58.35	42.570	+ 7.48	+ 34.2	10 15 20.94	− 1.27	+ 8 9 47.4	+11.8
17	B. D.+ 9°2344	9	17 29.01	+ 0.41	−14.49	29 23 57.58	46.308	+ 7.48	+ 32.5	10 17 14.93	− 1.27	+ 9 26 24.5	+11.5
18	B. D.+ 5°2331	9	20 40.06	+ 0.38	−14.49	33 11 57.80	43.668	+ 7.48	+ 37.7	10 20 25.95	− 1.30	+ 5 39 19.4	+12.3
19	B. D.+17°2231	9	23 51.24	+ 0.47	−14.49	21 13 57.28	45.365	+ 7.48	+ 22.4	10 23 37.22	− 1.26	+17 36 56.4	+ 9.6
20	B. D.+11°2239	9	26 46.17	+ 0.42	−14.49	27 11 57.10	44.432	+ 7.48	+ 29.6	10 26 32.10	− 1.29	+11 39 10.7	+10.9
21	B. D.+ 9°2374	9	30 18.56	+ 0.41	−14.49	29 41 57.85	46.640	+ 7.48	+ 32.9	10 30 4.48	− 1.31	+ 9 8 16.2	+11.4
22	B. D.+15°2232	9	34 21.37	+ 0.45	−14.49	23 37 56.68	43.962	+ 7.48	+ 25.3	10 34 7.33	− 1.30	+15 13 26.2	+10.0
23	34 Sextantis	9	37 58.63	+ 0.37	**−14.44**	34 45 57.42	45.620	+ 7.48	+ 40.0	10 37 44.51	....	+ 4 4 32.9	....
24	B. D.+11°2277	9	41 51.99	+ 0.42	−14.49	27 9 58.40	44.645	+ 7.48	+ 29.6	10 41 37.92	− 1.33	+11 41 4.5	+10.7
25	B. D.+12°2266	9	46 24.33	+ 0.43	−14.49	26 45 57.80	45.420	+ 7.48	+ 29.1	10 46 10.27	− 1.34	+12 4 47.9	+10.5
26	B. D.+ 3°2429	9	49 13.57	+ 0.36	−14.49	35 41 57.38	42.730	+ 7.48	+ 41.5	10 48 59.44	− 1.40	+ 3 9 37.5	+12.1
27	B. D.− 0°2392	9	52 4.89	+ 0.34	−14.49	39 29 58.18	46.400	+ 7.48	+ 47.6	10 51 50.74	− 1.44	− 0 39 53.3	+12.6
28	*d* Leonis	9	55 54.83	+ 0.37	**−14.49**	34 43 58.88	43.225	+ 7.48	+ 40.0	10 55 40.71	....	+ 4 7 26.1	....
29	B. D.− 0°2401	9	59 43.41	+ 0.34	−14.49	39 35 58.92	47.135	+ 7.48	+ 47.8	10 59 29.26	− 1.46	− 0 46 11.0	+12.4
30	B. D.+ 7°2417	9	3 33.67	+ 0.39	−14.49	31 45 57.30	44.362	+ 7.48	+ 35.8	11 3 19.57	− 1.41	+ 7 5 5.9	+11.1
31	B. D.+12°2307	9	5 54.52	+ 0.42	−14.49	27 1 57.70	45.285	+ 7.48	+ 29.5	11 5 40.45	− 1.39	+11 48 50.7	+10.2
32	B. D.+ 6°2422	9	9 53.48	+ 0.39	−14.49	32 19 58.82	46.068	+ 7.48	+ 36.6	11 9 39.38	− 1.43	+ 6 30 24.7	+11.0
33	B. D.+ 2°2409	9	12 39.72	+ 0.36	−14.49	36 17 57.75	47.538	+ 7.48	+ 42.5	11 12 25.59	− 1.46	+ 2 31 46.2	+11.5
34	B. D.+ 2°2411	9	14 18.03	+ 0.36	−14.49	36 39 58.12	46.740	+ 7.48	+ 43.0	11 14 3.90	− 1.47	+ 2 10 3.6	+11.5
35	σ Leonis	9	16 29.84	+ 0.39	**−14.46**	32 17 58.18	45.075	+ 7.48	+ 36.6	11 16 15.74	....	+ 6 32 48.0	....
36	B. D.+ 2°2418	9	19 25.48	+ 0.36	−14.49	36 55 58.22	42.788	+ 7.48	+ 43.4	11 19 11.35	− 1.48	+ 1 55 33.4	+11.4
37	83 Leonis	9	22 12.42	+ 0.37	−14.49	35 19 58.80	42.655	+ 7.48	+ 41.0	11 21 58.30	....	+ 3 31 38.2	....
38	B. D.+ 4°2480	9	24 58.55	+ 0.37	−14.49	34 31 57.90	47.080	+ 7.48	+ 39.8	11 24 44.43	− 1.47	+ 4 17 59.2	+10.9
39	B. D.+ 1°2580	9	28 47.00	+ 0.35	−14.49	37 31 58.22	42.902	+ 7.48	+ 44.4	11 28 32.86	− 1.50	+ 1 19 29.8	+11.2
40	B. D.+ 7°2461	9	30 55.29	+ 0.39	−14.49	31 47 57.78	45.370	+ 7.48	+ 35.9	11 30 41.19	− 1.46	+ 7 2 42.0	+10.4
41	υ Leonis	9	32 20.79	+ 0.34	**−14.51**	39 7 59.78	47.070	+ 7.48	+ 47.1	11 32 6.64	....	− 0 18 9.7	....
42	B. D.+ 5°2525	9	35 51.73	+ 0.38	−14.49	33 9 58.02	47.675	+ 7.48	+ 37.8	11 35 37.62	− 1.48	+ 5 39 47.5	+10.5
43	B. D.+ 1°2608	9	40 30.64	+ 0.35	−14.49	37 23 57.48	46.790	+ 7.48	+ 44.2	11 40 16.50	− 1.52	+ 1 26 1.9	+10.8
44	B. D.+ 9°2549	9	43 17.73	+ 0.40	−14.49	30 3 58.05	46.730	+ 7.48	+ 33.5	11 43 3.64	− 1.47	+ 8 46 13.4	+ 9.9
45	B. D.+ 7°2489	9	46 56.99	+ 0.40	−14.49	31 25 57.72	46.968	+ 7.48	+ 35.4	11 46 42.90	− 1.48	+ 7 24 6.4	+10.0
46	B. D.+ 9°2560	9	50 26.37	+ 0.41	−14.49	29 51 57.72	46.938	+ 7.48	+ 33.3	11 50 12.29	− 1.48	+ 8 58 9.2	+ 9.8
47	B. D.+ 4°2553	9	53 37.34	+ 0.37	−14.49	34 49 58.72	45.772	+ 7.48	+ 40.3	11 53 23.22	− 1.52	+ 4 0 27.8	+10.1
48	π Virginis	9	56 15.94	+ 0.39	**−14.53**	31 41 56.98	46.042	+ 7.48	+ 35.8	11 56 1.84	....	+ 7 8 27.9	....
49	*o* Virginis	8	0 37.79	+ 0.41	**−14.48**	29 35 58.65	43.475	+ 7.48	+ 32.9	12 0 23.71	....	+ 9 15 27.8	....
	March 31, M.												
50	94 Virginis	9	1 31.71	+ 0.29	−14.49	47 15 59.12	47.065	+ 8.04	+1 3.0	14 1 17.51	....	− 8 26 25.4	....
51	*d* Boötis	9	6 19.31	+ 0.54	**−14.43**	13 17 58.80	47.230	+ 8.04	+ 13.8	14 6 5.36	....	+25 32 20.3	....
52	ι Virginis	9	11 17.68	+ 0.31	**−14.53**	44 23 57.15	43.600	+ 8.04	+ 57.0	14 11 3.50	....	− 5 32 58.2	....
53	3 G. Libræ	9	19 39.51	+ 0.15	−14.49	63 11 56.82	45.308	+ 8.04	+1 55.0	14 19 25.17	− 1.84	−24 22 34.9	+ 1.5
54	*g* Boötis	9	25 34.77	+ 0.81	−14.49	348 35 54.15	44.120	+ 8.04	− 11.7	14 25 21.09	− 1.49	+50 16 1.4	+ 8.2
55	σ Boötis	9	30 47.91	+ 0.58	−14.49	8 41 57.48	45.025	+ 8.04	+ 9.0	14 30 34.00	− 1.34	+30 9 16.8	+ 7.9
56	118 H¹. Cassiopeiæ s. P.	9	36 51.88	− 0.38	−14.49	286 19 54.20	45.175	+ 8.04	−3 15.3	2 36 37.01	+ 1.35	+67 25 18.9	− 1.6
57	Piazzi 166	9	41 3.44	+ 0.19	−14.49	59 35 57.60	45.662	+ 8.04	+1 39.2	14 40 49.14	− 1.70	−20 46 27.6	+ 0.8

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
31 8 24	30.04	61.1	59.9	4, 8, 11, 32. Bisections at II, VII.					
8 41	......	....	59.1	14, 57. Bisections at VI, VII.					
9 24	30.035	58.6	57.1	40. Bisections at I, II.					
9 50	......	....	56.2	56. Bisections at III, IV, V.					
10 19	30.035	57.0	55.5						
10 43	......	....	55.0						
11 7	30.04	56.0	54.3						
11 34	......	....	53.9						
12 2	30.03	55.0	53.1						
13 59	[illegible]	51.9	49.9	Note.					
14 34	......	....	48.9	56, 57. Poor.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ξ Boötis (*brighter*)........	9	47 15.60	+ 0.49	−14.49	19 21 54.55	43.852	+ 8.04	+ 20.5	14 47 1.60	− 1.31	+19 29 35.0	+ 7.0
2	ξ² Libræ........	9	51 52.53	+ 0.27	**−14.57**	49 51 58.05	44.835	+ 8.04	+1 9.1	14 51 38.31	.....	−11 1 39.4	....
3	β Boötis........	9	58 37.18	+ 0.68	−14.49	358 5 56.45	44.380	+ 8.04	− 1.9	14 58 23.37	.....	+40 45 43.4	....
4	c Boötis........	9	3 22.88	+ 0.54	−14.49	13 35 56.88	47.715	+ 8.04	+ 14.2	15 3 8.93	− 1.26	+25 14 10.7	+ 7.5
5	1 Lupi........	9	9 4.26	+ 0.07	−14.49	69 57 57.28	46.720	+ 8.04	+2 39.1	15 8 49.84	− 1.81	−31 9 51.7	− 3.2
6	β Libræ........	9	12 9.28	+ 0.29	**−14.51**	47 51 58.62	45.990	+ 8.04	+1 4.5	15 11 55.08	.....	− 9 2 1.8	....
7	γ² Ursæ Minoris........	9	21 7.56	+ 1.45	−14.49	326 41 52.98	44.973	+ 8.04	− 38.2	15 20 54.52	.....	+72 10 9.7	....
8	β Coronæ Borealis........	9	24 9.81	+ 0.58	**−14.43**	9 25 56.75	43.685	+ 8.04	+ 9.7	15 23 55.90	.....	+29 25 47.4	....
9	Mars I, C........	5	32 36.22	+ 0.21	−14.49	56 31 57.05	50.959	+ 8.04	+1 28.3	15 32 21.94	+ 0.40	−17 42 42.2	....
10	Mars II........	5	32 37.06	+ 0.21	−14.49	... .	......	....	. ....	15 32 22.78	− 0.44	.. ..	....
11	ι Serpentis........	9	37 33.98	+ 0.49	−14.49	18 51 57.68	46.785	+ 8.04	+ 20.0	15 37 19.98	− 1.16	+19 58 25.4	+ 6.6
12	κ Serpentis........	9	44 42.88	+ 0.48	−14.49	20 25 55.15	42.795	+ 8.04	+ 21.8	15 44 28.87	.....	+18 25 57.3	....
13	ρ Scorpii........	9	51 16.97	+ 0.10	−14.49	67 45 57.28	43.005	+ 8.04	+2 22.2	15 51 2.58	− 1.56	−28 56 9.9	− 5.1
14	δ Scorpii........	9	54 58.64	+ 0.17	−14.49	61 9 56.55	46.995	+ 8.04	+1 46.0	15 54 44.32	.....	−22 21 4.2	....
15	β¹ Scorpii........	9	0 10.31	+ 0.20	**−14.47**	58 21 55.18	46.672	+ 8.04	+1 34.8	15 59 56.02	.....	−19 32 44.2	....
16	c¹ Scorpii........	9	6 42.73	+ 0.11	−14.49	66 29 57.12	44.942	+ 8.04	+2 14.0	16 6 28.35	− 1.45	−27 40 45.8	− 5.6
17	δ Ophiuchi........	9	9 37.30	+ 0.33	**−14.49**	42 17 56.52	44.015	+ 8.04	+ 53.2	16 9 23.14	.....	− 3 27 3.3	....
18	ε Ophiuchi........	9	13 32.93	+ 0.32	**−14.46**	43 17 57.40	45.658	+ 8.04	+ 55.2	16 13 18.76	.....	− 4 27 43.7	....
19	ρ Ophiuchi (*south*)........	9	20 8.84	+ 0.16	−14.49	62 3 57.62	43.118	+ 8.04	+1 50.0	16 19 54.51	− 1.31	−23 13 40.6	− 4.9
	April 1, M.												
20	Sun I, N........	9	40 43.47	+ 0.40	−14.48	34 5 57.42	46.290	+ 9.96	+ 38.0	0 40 29.39	+64.44	+ 4 44 17.1	....
21	Sun II, S........	9	42 52.35	+ 0.40	−14.48	34 37 57.88	46.255	+ 9.96	+ 38.8	0 42 38.27	−64.44	+ 4 12 16.6	....
	April 1, Ei.-M.												
22	π Leonis........	9	55 26.96	+ 0.39	**−14.49**	30 19 57.40	47.788	+ 9.96	+ 33.8	9 55 12.87	.....	+ 8 29 47.1	....
23	B. D.+14°2202........	9	2 9.95	+ 0.43	−14.48	24 13 56.68	44.738	+ 9.96	+ 26.0	10 1 55.90	− 1.19	+14 37 5.3	+10.4
24	B. D.+18°2326........	9	5 11.11	+ 0.46	−14.48	20 11 55.50	44.030	+ 9.96	+ 21.3	10 4 57.09	− 1.19	+18 39 27.3	+ 9.4
25	B. D.+ 9°2317........	9	8 43.62	+ 0.40	−14.48	29 11 56.58	44.260	+ 9.96	+ 32.3	10 8 29.54	− 1.23	+ 9 39 10.0	+11.5
26	B. D.+14°2228........	9	11 50.13	+ 0.43	−14.48	24 39 55.82	42.510	+ 9.96	+ 26.5	10 11 36.08	− 1.23	+14 11 56.5	+10.4
27	B. D.+ 4°2313........	9	15 50.73	+ 0.36	−14.48	34 43 58.65	47.432	+ 9.96	+ 40.1	10 15 36.61	− 1.29	+ 4 5 47.7	+12.7
28	B. D.+ 7°2289........	9	18 17.60	+ 0.38	−14.48	31 49 56.60	43.780	+ 9.96	+ 35.9	10 18 3.50	− 1.28	+ 7 1 17.4	+12.0
29	B. D.+12°2211........	9	22 25.38	+ 0.41	−14.48	27 3 56.65	42.660	+ 9.96	+ 29.5	10 22 11.31	− 1.27	+11 47 49.3	+10.8
30	B. D.+ 3°2371........	9	24 19.52	+ 0.35	−14.48	35 41 56.22	47.485	+ 9.96	+ 41.5	10 24 5.39	− 1.32	+ 3 7 47.5	+12.6
31	34 Sextantis........	9	37 58.68	+ 0.36	**−14.49**	34 45 55.65	45.602	+ 9.96	+ 40.1	10 37 44.56	.....	+ 4 4 32.5	....
32	B. D.+ 3°2408........	9	40 31.29	+ 0.35	−14.48	35 51 56.38	44.185	+ 9.96	+ 41.8	10 40 17.16	− 1.37	+ 2 59 2.4	+12.3
33	B. D.+ 7°2358........	9	42 38.24	+ 0.38	−14.48	31 59 56.25	45.475	+ 9.96	+ 36.1	10 42 24.14	− 1.35	+ 6 50 38.8	+11.5
34	l Leonis........	9	44 31.30	+ 0.41	**−14.46**	27 47 56.82	45.608	+ 9.96	+ 30.5	10 44 17.23	.....	+11 2 40.7	....
35	B. D.+ 9°2418........	9	46 36.12	+ 0.40	−14.48	29 11 54.55	44.730	+ 9.96	+ 32.3	10 46 22.04	− 1.35	+ 9 39 1.3	+10.9
36	B. D.+ 1°2501........	9	51 4.74	+ 0.33	−14.48	37 35 55.42	45.825	+ 9.96	+ 44.5	10 50 50.59	− 1.41	+ 1 14 23.2	+12.3
37	B. D.+ 2°2373........	9	54 10.39	+ 0.34	−14.48	36 35 56.02	46.540	+ 9.96	+ 43.0	10 53 56.25	− 1.41	+ 2 14 7.8	+12.0
38	B. D.− 1°2488........	9	3 41.40	+ 0.32	−14.48	40 13 55.72	45.385	+ 9.96	+ 49.0	11 3 27.24	− 1.47	− 1 23 31.8	+12.3
39	B. D.+ 0°2761........	9	9 9.39	+ 0.33	−14.48	38 23 57.72	45.038	+ 9.96	+ 45.9	11 8 55.24	− 1.46	+ 0 26 37.8	+11.9
40	n Leonis........	9	11 9.23	+ 0.43	−14.48	25 1 55.22	43.985	+ 9.96	+ 27.1	11 10 55.18	− 1.39	+13 49 22.8	+ 9.7
41	B. D.− 0°2428 (*fol.*)...	9	14 48.32	+ 0.32	−14.48	39 57 56.72	46.830	+ 9.96	+ 48.6	11 14 34.16	− 1.49	− 1 8 5.2	+11.9
42	B. D.+ 9°2482........	9	17 10.58	+ 0.40	−14.48	29 9 55.95	44.275	+ 9.96	+ 32.4	11 16 56.50	− 1.42	+ 9 41 10.2	+10.3
43	B. D.+12°2335........	9	20 18.86	+ 0.41	−14.48	26 53 56.02	44.978	+ 9.96	+ 29.4	11 20 4.79	− 1.41	+11 56 57.1	+ 9.9
44	B. D.− 0°2442........	9	23 18.13	+ 0.32	−14.48	40 1 55.55	43.575	+ 9.96	+ 48.7	11 23 3.97	− 1.51	− 1 10 49.7	+11.6
45	e Leonis........	9	25 43.34	+ 0.31	−14.48	41 19 54.90	43.880	+ 9.96	+ 51.0	11 25 29.17	− 1.53	− 2 28 58.3	+11.7
46	B. D.+ 8°2518........	9	28 29.14	+ 0.38	−14.48	30 53 55.65	47.382	+ 9.96	+ 34.7	11 28 15.04	− 1.45	+ 7 55 56.9	+10.3
47	B. D.+11°2372........	9	29 30.13	+ 0.41	−14.48	27 17 57.20	45.365	+ 9.96	+ 30.0	11 29 16.06	− 1.43	+11 32 46.4	+ 9.8
48	υ Leonis........	9	32 20.77	+ 0.32	**−14.47**	39 7 57.32	47.055	+ 9.96	+ 47.2	11 32 6.61	.....	− 0 18 9.8	....
49	B. D.− 1°2546........	9	33 48.56	+ 0.31	−14.48	40 45 55.05	43.480	+ 9.96	+ 50.0	11 33 34.39	− 1.54	− 1 54 48.3	+11.3
50	B. D.− 4°3120........	9	36 16.49	+ 0.29	−14.48	43 29 56.60	47.655	+ 9.96	+ 55.1	11 36 2.30	− 1.57	− 4 40 30.3	+11.5
51	ν Virginis........	9	41 14.19	+ 0.38	−14.48	31 47 56.65	43.175	+ 9.96	+ 36.0	11 41 0.09	− 1.48	+ 7 3 31.0	+10.1
52	B. D.+ 5°2545........	9	44 30.57	+ 0.37	−14.48	33 7 56.68	45.168	+ 9.96	+ 37.9	11 44 16.46	− 1.49	+ 5 42 43.3	+10.2
53	β Virginis........	9	46 0.53	+ 0.34	**−14.50**	36 31 54.78	47.408	+ 9.96	+ 43.0	11 45 46.39	.....	+ 2 17 49.2	....
54	B. D.+ 1°2624........	9	49 14.20	+ 0.33	−14.48	37 45 55.72	45.118	+ 9.96	+ 45.0	11 49 0.05	− 1.54	+ 1 4 38.6	+10.5
55	B. D.− 4°3162........	9	50 50.70	+ 0.29	−14.48	43 25 55.62	47.802	+ 9.96	+ 55.0	11 50 36.51	− 1.59	− 4 36 32.6	+10.9
	April 2, Y.												
56	ε Ophiuchi........	9	13 32.94	+ 0.38	**−14.48**	43 17 58.02	45.388	+11.05	+ 56.1	16 13 18.87	.....	− 4 27 42.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
31 15 7	29.97	50.0	48.0
15 29	......	....	47.6
16 18	29.96	48.6	46.6
1 0 43	30 055	68.3	69.5
9 52	30.06	55.8	55.0
10 21	......	....	55.1
10 48	30.09	55.4	54.9
11 14	......	....	54.0
11 37	30.06	53.7	52.8
12 5	30.08	53.0	51.8
2 16 6	30.02	41.0	39.8

Micrometer bisections are made at II, VI, except as noted below.

7.	Bisections at III, IV, V.
9.	Z. D. threads C used.
9.	Bisections at I, II; VI, VII.
20, 38, 46, 48, 52.	Bisections at I, II.
21, 39.	Bisections at VI, VII.
27, 29, 40, 43, 50, 55.	Bisections at II, VII.

Notes.

6.	Poor.
30, 31, 38.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+ 10.1	.. ....	0.0	+ 10.1
20	+ 4.9	−16 0.2	...	−15 55.3
21	+ 5.0	+16 0.2	...	+16 5.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ω Herculis	9	21 16.81	+ 0.52	−14.45	24 35 54.02	44.982	+11.05	+ 27.3	16 21 2.88	− 1.06	+14 15 0.0	+ 5.0
2	β Herculis	9	26 23.03	+ 0.58	**−14.45**	17 9 55.05	43.632	+11.05	+ 18.4	16 26 9.16	.....	+21 41 38.7	....
3	ζ Ophiuchi	9	32 10.87	+ 0.34	**−14.44**	49 11 56.38	46.978	+11.05	+1 9.0	16 31 56.76	.....	−10 22 29.6	....
4	70 B. Ursæ Minoris	6	34 57.56	+ 2.12	−14.45	321 13 50.85	45.832	+11.05	− 47.6	16 34 45.23	− 2.22	+77 37 58.6	+10.1
5	k Herculis	9	45 57.55	+ 0.48	−14.45	31 25 54.62	45.568	+11.05	+ 36.5	16 45 43.58	− 0.98	+ 7 24 37.0	+ 3.0
6	ε Ursæ Minoris	8	55 54.85	+ 3.10	−14.45	316 39 50.32	47.550	+11.05	− 56.0	16 55 43.50	.....	+82 11 28.2	....
7	η Ophiuchi	9	5 10.93	+ 0.31	**−14.47**	54 25 54.75	46.188	+11.05	+1 23.3	17 4 56.79	.....	−15 36 24.3	....
8	139 G. Scorpii	9	11 8.22	+ 0.14	−14.45	71 21 56.15	44.188	+11.05	+2 55.6	17 10 53.91	− 1.17	−32 33 12.2	− 9.8
9	ξ Ophiuchi	9	15 33.78	+ 0.26	−14.45	59 49 55.55	45.840	+11.05	+1 42.5	17 15 19.59	− 1.01	−21 0 36.2	− 6.1
10	σ Ophiuchi	9	22 2.83	+ 0.46	**−14.40**	34 37 55.98	43.485	+11.05	+ 41.2	17 21 48.84	.....	+ 4 13 18.1	....
11	x Herculis	7	24 27.51	+ 0.88	−14.45	350 31 54.20	43.500	+11.05	− 9.9	17 24 13.94	− 0.82	+48 20 11.0	+10.7
12	ν^2 Draconis	9	30 37.97	+ 1.00	−14.45	343 37 51.42	44.315	+11.05	− 17.5	17 30 24.52	− 0.84	+55 14 2.6	+11.3
13	β Ophiuchi	9	39 1.49	+ 0.47	**−14.43**	34 13 54.98	46.090	+11.05	+ 40.7	17 38 47.51	.....	+ 4 36 20.3	....
14	γ Ophiuchi	9	43 22.48	+ 0.46	−14.45	36 5 54.55	45.495	+11.05	+ 43.6	17 43 8.49	− 0.73	+ 2 44 31.4	+ 1.0
15	168 H^1. Herculis	9	49 13.63	+ 0.78	−14.45	358 51 52.85	43.722	+11.05	− 1.1	17 48 59.96	− 0.67	+39 59 58.3	+ 9.8
16	ν Ophiuchi	9	54 2.63	+ 0.37	**−14.49**	48 35 56.28	45.010	+11.05	+1 7.9	17 53 48.55	.....	− 9 45 43.5	....
	April 3, Y.												
17	Sun I, S	8	48 0.65	+ 0.45	−14.43	33 51 56.30	45.822	+11.80	+ 38.9	0 47 46.67	+64.42	+ 4 58 26.2	....
18	Sun II, N	9	50 9.49	+ 0.45	−14.43	33 19 56.45	45.825	+11.80	+ 38.2	0 49 55.51	−64.42	+ 5 30 26.6	....
19	Mercury C, C	9	57 5.68	+ 0.51	−14.43	24 11 56.90	43.976	+10.82	+ 25.9	1 56 51.76	+ 0.10	+14 39 21.7	....
20	Venus I, S	9	40 16.04	+ 0.57	−14.43	16 17 57.12	46.760	+10.82	+ 16.8	2 40 2.18	+ 1.71	+22 32 26.9	....
	April 4, Br.												
21	Sun I, N	9	51 39.54	+ 0.35	−14.54	32 57 55.30	43.612	+ 9.86	+ 36.0	0 51 25.35	+64.45	+ 5 53 22.5	....
22	Sun II, S	9	53 48.45	+ 0.35	−14.54	33 29 56.82	43.522	+ 9.86	+ 36.8	0 53 34.26	−64.46	+ 5 21 22.2	....
23	Venus I	9	40 29.52	+ 0.46	−14.54	16 14	......	......	. ....	2 40 15.44	+ 1.74	.. ..	....
24	χ Geminorum	9	57 55.74	+ 0.51	**−14.47**	10 47 56.68	44.318	+ 8.72	+ 10.6	7 57 41.73	.....	+28 3 31.1	....
25	27 Lyncis	9	1 33.37	+ 0.76	−14.52	347 3 54.45	47.180	+ 8.72	− 12.7	8 1 19.61	.....	+51 46 51.6	....
26	ζ Cancri	9	7 0.69	+ 0.43	−14.52	20 55 54.88	42.985	+ 8.72	+ 21.3	8 6 46.60	.....	+17 55 53.1	....
27	β Cancri	9	11 36.76	+ 0.37	**−14.57**	29 21 54.88	46.235	+ 8.72	+ 31.3	8 11 22.61	.....	+ 9 28 28.5	....
28	γ Cancri	9	38 2.35	+ 0.46	**−14.57**	17 1 55.95	46.862	+ 8.72	+ 17.1	8 37 48.29	.....	+21 48 27.3	....
29	ε Hydræ	9	41 59.83	+ 0.36	**−14.53**	32 3 54.28	47.898	+ 8.72	+ 35.0	8 41 45.67	.....	+ 6 45 47.7	....
30	κ Cancri	9	2 51.23	+ 0.38	**−14.47**	27 47 55.52	45.395	+ 8.72	+ 29.4	9 2 37.09	.....	+11 2 48.9	....
	April 7, M.												
31	Mars I, C	5	31 44.84	+ 0.38	−14.43	56 37 55.62	51.556	+11.09	+1 29.3	15 31 30.79	+ 0.52	−17 48 58.4	....
32	Mars II	5	31 45.92	+ 0.38	−14.43	... .	......	......	. ....	15 31 31.87	−. 0.56	.. ..	....
33	151 H^1. Cephei s. p.	9	6 43.83	− 3.41	−14.43	304 11 52.85	43.173	+11.09	−1 26.3	4 6 25.99	.....	+85 18 23.7	....
34	β Herculis	9	26 23.11	+ 0.64	**−14.47**	17 9 58.75	43.495	+11.09	+ 18.2	16 26 9.32	.....	+21 41 38.3	....
35	ζ Ophiuchi	8	32 10.90	+ 0.43	**−14.43**	49 11 54.62	47.132	+11.09	+1 8.3	16 31 56.90	.....	−10 22 30.7	....
36	η Herculis	9	39 53.14	+ 0.80	−14.43	359 45 53.08	43.615	+11.09	− 0.2	16 39 39.51	.....	+39 5 59.5	....
37	ε Ursæ Minoris	9	55 56.03	+ 2.90	−14.43	316 39 51.80	47.368	+11.09	− 55.3	16 55 44.50	.....	+82 11 30.0	....
38	η Ophiuchi	9	5 10.97	+ 0.39	**−14.46**	54 25 54.38	46.322	+11.09	+1 22.4	17 4 56.93	.....	−15 36 26.1	....
39	139 G. Scorpii	9	11 8.31	+ 0.23	−14.43	71 21 54.82	44.412	+11.09	+2 53.7	17 10 54.11	− 1.32	−32 33 14.1	− 9.6
40	ξ Ophiuchi	9	15 33.76	+ 0.35	−14.43	59 49 53.92	46.000	+11.09	+1 41.4	17 15 19.68	− 1.15	−21 0 37.1	− 6.1
41	σ Ophiuchi	9	22 2.85	+ 0.53	**−14.36**	34 37 55.08	43.570	+11.09	+ 40.8	17 21 48.95	.....	+ 4 13 17.6	....
42	x Herculis	9	24 27.67	+ 0.90	−14.43	350 31 55.20	43.427	+11.09	− 9.8	17 24 14.14	− 1.00	+48 20 11.3	+ 9.9
43	ν^1 Draconis	5	30 32.64	+ 1.01	−14.43	343 37 53.12	42.370	+11.09	− 17.3	17 30 19.22	− 1.04	+55 14 44.7	+10.6
44	ν^2 Draconis	5	30 38.01	+ 1.01	−14.43	343 37 53.12	44.170	+11.09	− 17.3	17 30 24.59	− 1.04	+55 14 4.0	+10.6
45	β Ophiuchi	9	39 1.54	+ 0.53	**−14.40**	34 13 54.92	46.128	+11.09	+ 40.2	17 38 47.64	.....	+ 4 36 19.9	....
46	γ Ophiuchi	9	43 22.53	+ 0.52	−14.43	36 5 55.80	45.475	+11.09	+ 43.1	17 43 8.62	− 0.86	+ 2 44 31.1	+ 0.6
47	168 H^1. Herculis	8	49 13.62	+ 0.80	−14.43	358 51 52.92	43.718	+11.09	− 1.1	17 48 59.99	− 0.84	+39 59 58.3	+ 9.2
48	ν Ophiuchi	9	54 2.67	+ 0.44	**−14.46**	48 35 56.68	45.068	+11.09	+1 7.0	17 53 48.68	.....	− 9 45 44.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 16 31	....	....	39.0
16 52	30.015	40.0	38.8
17 29	....	....	37.8
17 58	30.00	38.3	36.2
3 0 50	29.97	52.1	51.2
1 57	29.92	54.3	55.0
2 40	29.895	55.7	55.7
4 0 54	29.58	65.2	66.2
7 52	29.51	64.8	65.0
8 44	29.515	63.7	63.2
9 10	29.53	63.4	64.0
7 15 30	29.56	37.3	38.0
16 0	....	....	36.9
16 49	29.57	37.9	37.2
17 31	....	....	36.4
17 56	29.60	36.8	36.3

Micrometer bisections are made at II, VI, except as noted below.

4, 6.	Bisections at IV, V.
5, 18, 22, 44.	Bisections at VI, VII.
9.	Bisections at II, VII.
10, 17, 21, 24, 27, 28, 30.	Bisections at I, II.
11.	Bisections at V, VI.
12, 15, 25, 47.	Bisections at III, V.
19, 20, 31.	Bisections at I, II, VI, VII.
31.	Z. D. threads C used.
33.	Bisections at b_1, b_3, b_5, b_7, b_9.
37.	Bisections at III, IV, V.
40, 42.	Bisections at II, VI, VII.
43.	Bisection at II.

Notes.

6. Right ascension observed eye and ear.
24–30. Clouds.
26. Mean of close double observed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
17	+ 4.9	+16 0.1	...	+16 5.0
18	+ 4.8	−16 0.2	...	−15 55.4
19	+ 4.0	.. ....	+0.8	+ 4.8
20	+ 6.8	+ 23.7	...	+ 30.5
21	+ 4.8	−16 0.1	...	−15 55.3
22	+ 4.8	+16 0.2	...	+16 5.0
31	+ 10.8	.. ....	0.0	+ 10.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	April 8, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N.	9	6 16.01	+ 0.57	−14.43	31 25 57.80	46.848	+11.47	+ 35.9	1 6 2.15	+64.61	+ 7 24 4.6	....
2	Sun II, S.	9	8 25.24	+ 0.57	−14.43	31 57 58.50	46.660	+11.47	+ 36.6	1 8 11.38	−64.62	+ 6 52 7.4	....
3	Venus I, S.	9	39 50.80	+ 0.70	−14.43	16 5 56.40	45.805	+11.58	+ 16.9	2 39 37.07	+ 1.85	+22 44 48.6	....
4	Moon I.	9	57 53.70	+ 0.64	−14.43	23 56	......	....	.....	3 57 39.91	+64.26	.. ..	....
	April 8, Ei.-Y.												
5	o Leonis	9	36 19.79	+ 0.58	**−14.41**	28 31 56.45	43.970	+10.54	+ 31.8	9 36 5.92	.....	+10 19 16.7	....
6	π Leonis	9	55 26.66	+ 0.57	**−14.46**	30 19 58.78	47.678	+10.54	+ 34.3	9 55 12.78	.....	+ 8 29 47.2	....
7	B. D.+ 6°2259	9	2 4.43	+ 0.56	−14.45	32 45 55.90	46.372	+10.54	+ 37.7	10 1 50.54	− 1.15	+ 6 4 16.4	+12.2
8	B. D.+ 6°2265	9	4 31.27	+ 0.56	−14.45	32 11 55.75	47.178	+10.54	+ 36.9	10 4 17.38	− 1.16	+ 6 37 59.0	+12.0
9	B. D.+ 3°2334	9	8 33.63	+ 0.54	−14.45	35 17 57.18	45.885	+10.54	+ 41.5	10 8 19.72	− 1.19	+ 3 32 22.5	+12.7
10	B. D.+18°2338	9	11 20.68	+ 0.64	−14.45	20 37 55.05	46.188	+10.54	+ 22.1	10 11 6.87	− 1.14	+18 12 37.1	+ 8.8
11	B. D.+12°2193	9	15 38.32	+ 0.60	−14.45	27 1 56.92	43.128	+10.54	+ 29.9	10 15 24.47	− 1.17	+11 49 37.3	+10.4
12	B. D.+17°2212	9	17 41.44	+ 0.63	−14.45	21 37 55.98	44.822	+10.54	+ 23.3	10 17 27.62	− 1.16	+17 13 6.1	+ 9.0
13	B. D.+ 4°2328	9	21 28.58	+ 0.55	−14.45	34 25 56.38	45.135	+10.54	+ 40.2	10 21 14.68	− 1.24	+ 4 24 41.7	+12.2
14	B. D.+15°2206	9	23 58.92	+ 0.62	−14.45	24 1 56.12	43.420	+10.54	+ 26.2	10 23 45.09	− 1.19	+14 49 35.1	+ 9.5
15	B. D.+14°2255	9	27 22.68	+ 0.62	−14.44	24 13 55.85	44.090	+10.54	+ 26.4	10 27 8.86	− 1.21	+14 37 19.9	+ 9.6
16	B. D.+ 2°2334	9	30 27.44	+ 0.54	−14.44	36 9 55.35	42.940	+10.54	+ 42.9	10 30 13.54	− 1.28	+ 2 41 30.0	+12.4
17	B. D.+11°2252	9	31 56.02	+ 0.59	−14.44	27 19 57.55	45.230	+10.54	+ 30.3	10 31 42.17	− 1.23	+11 30 48.3	+10.3
18	B. D.+ 5°2374	9	35 40.22	+ 0.55	−14.44	33 47 56.38	47.245	+10.54	+ 39.3	10 35 26.33	− 1.28	+ 5 1 54.4	+11.7
19	B. D.+ 5°2384 (*fol.*)	9	38 40.28	+ 0.56	−14.44	33 35 56.00	45.548	+10.54	+ 39.0	10 38 26.40	− 1.29	+ 5 14 33.9	+11.6
20	B. D.+ 5°2394	9	41 54.38	+ 0.55	−14.44	33 41 56.12	44.978	+10.54	+ 39.1	10 41 40.49	− 1.30	+ 5 8 46.7	+11.5
21	*l* Leonis	9	44 31.06	+ 0.59	**−14.44**	27 47 56.35	45.560	+10.54	+ 31.0	10 44 17.21	.....	+11 2 41.2	....
22	B. D.+ 7°2375	9	46 30.07	+ 0.57	−14.44	31 33 55.72	47.628	+10.54	+ 36.1	10 46 16.20	− 1.31	+ 7 15 49.5	+11.0
23	B. D.+13°2322	9	49 32.55	+ 0.60	−14.44	25 57 56.28	46.278	+10.54	+ 28.6	10 49 18.71	− 1.29	+12 52 27.3	+ 9.6
24	B. D.+ 0°2718	9	52 32.01	+ 0.52	−14.44	38 37 55.00	47.882	+10.54	+ 46.9	10 52 18.09	− 1.38	+ 0 11 33.7	+12.3
25	B. D.+ 6°2384	9	56 4.61	+ 0.57	−14.44	32 13 55.48	45.760	+10.54	+ 37.0	10 55 50.74	− 1.34	+ 6 36 31.3	+10.9
26	B. D.− 1°2471	9	57 14.28	+ 0.51	−14.44	40 49 55.28	42.870	+10.54	+ 50.7	10 57 0.35	− 1.41	− 1 58 35.8	+12.6
27	B. D.+13°2348	9	59 49.23	+ 0.61	−14.44	25 39 55.35	46.020	+10.54	+ 28.2	10 59 35.40	− 1.32	+13 10 34.5	+ 9.4
28	B. D.+ 4°2423	9	3 35.17	+ 0.55	−14.44	34 47 55.15	45.290	+10.54	+ 40.8	11 3 21.28	− 1.38	+ 4 2 38.8	+11.2
29	B. D.+10°2260	9	8 1.43	+ 0.59	−14.44	28 27 56.88	45.358	+10.54	+ 31.8	11 7 47.58	− 1.36	+10 22 44.5	+ 9.8
30	B. D.− 0°2422	9	10 1.38	+ 0.52	−14.44	39 35 57.55	44.875	+10.54	+ 48.6	11 9 47.46	− 1.44	− 0 45 21.9	+11.9
31	B. D.+10°2274	9	14 26.06	+ 0.59	−14.44	28 33 56.42	47.188	+10.54	+ 32.0	11 14 12.21	− 1.37	+10 16 3.0	+ 9.7
32	B. D.+ 8°2492	9	17 0.44	+ 0.57	−14.44	31 5 55.22	45.995	+10.54	+ 35.4	11 16 46.57	− 1.40	+ 7 44 28.0	+10.2
33	B. D.− 0°2437	9	19 42.43	+ 0.51	−14.44	39 49 56.22	47.650	+10.54	+ 49.0	11 19 28.50	− 1.47	− 1 0 24.4	+11.6
34	B. D.+ 1°2566	8	22 57.00	+ 0.53	−14.44	37 21 55.35	44.985	+10.54	+ 44.8	11 22 43.09	− 1.46	+ 1 28 41.7	+11.1
35	B. D.+ 8°2512	9	25 0.86	+ 0.58	−14.44	30 43 55.82	43.965	+10.54	+ 34.9	11 24 47.00	− 1.42	+ 8 7 14.3	+ 9.9
36	B. D.+ 3°2519	9	28 58.84	+ 0.54	−14.44	35 49 55.55	43.592	+10.54	+ 42.4	11 28 44.94	− 1.46	+ 3 1 15.6	+10.7
37	B. D.+ 5°2511	9	32 31.70	+ 0.56	−14.44	33 21 55.62	44.038	+10.54	+ 38.7	11 32 17.82	− 1.45	+ 5 29 9.1	+10.2
38	B. D.+ 4°2510	9	35 52.46	+ 0.55	−14.44	34 39 56.48	44.895	+10.54	+ 40.6	11 35 38.57	− 1.47	+ 4 10 46.7	+10.3
39	B. D.+ 9°2545	9	40 38.59	+ 0.58	−14.44	30 3 55.95	44.625	+10.54	+ 34.0	11 40 24.73	− 1.45	+ 8 47 0.0	+ 9.4
40	B. D.+ 0°2843	9	44 26.08	+ 0.52	−14.44	38 37 56.78	45.682	+10.54	+ 46.9	11 44 12.16	− 1.52	+ 0 12 22.2	+10.6
41	β Virginis	9	46 0.27	+ 0.54	**−14.45**	36 31 56.38	47.245	+10.54	+ 43.6	11 45 46.37	.....	+ 2 17 50.1	....
42	B. D.− 5°3377	9	48 22.84	+ 0.49	−14.44	44 33 56.35	42.925	+10.54	+ 57.8	11 48 8.89	− 1.59	− 5 42 45.3	+11.2
43	B. D.+ 4°2544	9	50 30.64	+ 0.55	−14.44	35 5 56.45	45.172	+10.54	+ 41.3	11 50 16.75	− 1.50	+ 3 44 39.7	+ 9.9
44	B. D.− 5°3396	9	54 24.89	+ 0.48	−14.44	44 57 58.02	45.340	+10.54	+ 58.7	11 54 10.93	− 1.61	− 6 7 43.0	+11.0
45	B. D.− 3°3224	9	56 50.03	+ 0.50	−14.44	42 29 55.25	47.325	+10.54	+ 53.9	11 56 36.09	− 1.59	− 3 40 20.8	+10.6
46	o Virginis	9	0 37.55	+ 0.59	**−14.42**	29 35 55.68	43.422	+10.54	+ 33.4	12 0 23.70	.....	+ 9 15 28.4	....
47	ε Virginis	9	57 42.28	+ 0.60	**−14.44**	27 21 55.60	47.298	+10.54	+ 30.6	12 57 28.44	.....	+11 28 2.4	....
48	B. D.− 2°3620	9	58 39.43	+ 0.52	−14.44	41 17 56.88	44.715	+10.54	+ 51.8	12 58 25.51	− 1.65	− 2 27 20.7	+ 8.0
49	B. D.−13°3651	9	1 7.20	+ 0.44	−14.44	52 25 57.38	46.145	+10.54	+1 16.6	13 0 53.20	− 1.80	−13 36 18.7	+ 8.0
50	B. D.− 9°3636	9	5 2.54	+ 0.47	−14.44	48 39 57.02	44.530	+10.54	+1 7.0	13 4 48.57	− 1.75	− 9 49 31.8	+ 7.8
51	B. D.−11°3457	9	7 17.59	+ 0.45	−14.44	50 43 54.40	45.642	+10.54	+1 12.1	13 7 3.60	− 1.78	−11 53 59.7	+ 7.7
52	B. D.− 2°3659	9	11 19.37	+ 0.51	−14.44	41 27 54.80	42.825	+10.54	+ 52.1	13 11 5.44	− 1.66	− 2 36 35.8	+ 7.5
53	B. D.−10°3652	9	14 59.61	+ 0.46	−14.44	49 59 56.80	47.038	+10.54	+1 10.3	13 14 45.63	− 1.77	−11 10 32.2	+ 7.3
54	B. D.−13°3692	9	17 19.32	+ 0.44	−14.44	52 45 55.88	43.800	+10.54	+1 17.6	13 17 5.32	− 1.81	−13 55 24.5	+ 7.1
55	α Virginis	9	20 27.01	+ 0.46	**−14.44**	49 29 56.25	45.885	+10.54	+1 9.1	13 20 13.03	.....	−10 40 4.1	....
56	B. D.− 5°3702	9	24 22.13	+ 0.50	−14.44	44 17 56.72	46.128	+10.54	+ 57.7	13 24 8.19	− 1.70	− 5 27 58.8	+ 6.9
57	B. D.− 5°3714	9	27 17.16	+ 0.49	−14.44	44 35 56.35	46.338	+10.54	+ 58.3	13 27 3.21	− 1.70	− 5 46 3.8	+ 6.8
58	B. D.− 7°3643 (*mean*).	9	29 34.67	+ 0.48	−14.44	46 57 57.18	45.875	+10.54	+1 3.3	13 29 20.71	− 1.73	− 8 7 59.0	+ 6.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 1 8	29.685	42.5	41.6
2 40	29.68	45.5	43.7
9 34	29.68	41.8	42.2
9 58	......	....	42.0
10 25	29.69	41.3	41.7
10 54	......	....	41.4
11 21	29.69	39.8	41.2
11 43	......	....	41.0
12 2	29.69	39.0	40.4
12 55	29.69	38.5	39.1
13 20	......	....	38.2

Micrometer bisections are made at II, VI, except as noted below.

1, 16, 25, 47.	Bisections at I, II.
2.	Bisections at V, VI.
3.	Bisections at I, II, VI, VII.
6, 26, 27, 48, 54.	Bisections at II, VII.
34.	Bisections at III, VI.

Note.

26–58. Images occasionally poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 4.6	−15 58.6	...	−15 54.0
2	+ 4.6	+15 58.6	...	+16 3.2
3	+ 7.2	+ 25.5	...	+ 32.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. − 8°3602	9	33 35.58	+ 0.48	−14.44	47 27 57.08	42.245	+10.54	+1 4.4	13 33 21.62	− 1.73	− 8 36 37.1	+ 6.4
2	*m* Virginis	9	36 53.18	+ 0.48	**−14.46**	47 3 57.05	44.710	+10.54	+1 3.5	13 36 39.22	....	− 8 13 32.5	....
3	B. D. − 6°3878	9	40 12.70	+ 0.48	−14.44	45 59 56.82	44.890	+10.54	+1 1.2	13 39 58.74	− 1.71	− 7 9 34.1	+ 6.1
4	B. D. −15°3739	9	43 6.49	+ 0.42	−14.44	54 25 56.42	43.930	+10.54	+1 22.6	13 42 52.47	− 1.83	−15 35 33.1	+ 5.5
5	B. D. −12°3910	9	46 16.13	+ 0.44	−14.44	52 1 55.92	46.948	+10.54	+1 15.8	13 46 2.13	− 1.79	−13 12 34.8	+ 5.5
6	B. D. −16°3760	9	49 27.32	+ 0.42	−14.44	55 31 55.30	47.255	+10.54	+1 26.2	13 49 13.30	− 1.85	−16 42 51.6	+ 5.1
7	B. D. −11°3642	9	53 36.82	+ 0.45	−14.44	50 25 55.68	44.685	+10.54	+1 11.6	13 53 22.83	− 1.76	−11 35 38.6	+ 5.2
8	B. D. − 7°3748	9	55 19.82	+ 0.48	−14.44	46 31 56.60	46.178	+10.54	+1 2.5	13 55 5.86	− 1.71	− 7 42 4.6	+ 5.4
9	B. D. − 4°3614	9	59 32.47	+ 0.50	−14.44	43 45 56.72	45.215	+10.54	+ 56.8	13 59 18.53	− 1.67	− 4 55 37.0	+ 5.4
10	B. D. − 8°3697	9	1 56.97	+ 0.47	−14.44	47 41 56.92	45.128	+10.54	+1 5.1	14 1 43.00	− 1.72	− 8 51 43.5	+ 5.0
11	B. D. −15°3817	9	5 54.90	+ 0.42	−14.44	54 41 55.98	43.218	+10.54	+1 23.6	14 5 40.88	− 1.82	−15 51 17.4	+ 4.2
12	B. D. −11°3693	9	8 52.51	+ 0.46	−14.44	50 13 56.00	44.788	+10.54	+1 11.2	14 8 38.53	− 1.74	−11 23 40.9	+ 4.4
13	B. D. − 8°3737	9	12 1.86	+ 0.48	−14.44	47 15 56.48	47.738	+10.54	+1 4.2	14 11 47.90	− 1.70	− 8 26 41.8	+ 4.6
14	B. D. −18°3789	9	13 38.77	+ 0.40	−14.44	57 5 55.52	46.480	+10.54	+1 31.6	14 13 24.73	− 1.85	−18 16 39.5	+ 3.5
15	B. D. − 7°3834 (*north*)	5	17 52.59	+ 0.48	−14.44	46 9 56.32	45.945	+10.54	+1 1.8	14 17 38.63	− 1.68	− 7 19 58.6	+ 4.4
16	B. D. − 7°3834 (*south*)	5	17 52.71	+ 0.48	−14.44	46 9 56.32	46.232	+10.54	+1 1.8	14 17 38.75	− 1.68	− 7 20 4.5	+ 4.4
17	B. D. −19°3879 (*pr.*)	9	20 25.12	+ 0.39	−14.44	58 21 54.72	45.165	+10.54	+1 36.1	14 20 11.07	− 1.86	−19 32 13.1	+ 2.9
18	B. D. − 6°4009	9	23 56.59	+ 0.49	−14.44	45 17 56.58	47.512	+10.54	+1 0.0	14 23 42.64	− 1.66	− 6 28 32.5	+ 4.2
19	B. D. −17°4110	9	27 21.28	+ 0.41	−14.44	56 17 55.22	44.188	+10.54	+1 28.8	14 27 7.25	− 1.81	−17 27 44.0	+ 2.8
20	B. D. −13°3931	9	31 23.88	+ 0.44	−14.44	52 25 55.18	47.722	+10.54	+1 17.1	14 31 9.88	− 1.74	−13 36 53.0	+ 3.0
21	B. D. −14°4006	9	35 56.25	+ 0.43	−14.44	53 43 55.55	47.250	+10.54	+1 20.8	14 35 42.24	− 1.75	−14 54 46.3	+ 2.6
22	B. D. −17°4172	9	40 50.29	+ 0.41	−14.44	56 7 55.42	44.515	+10.54	+1 28.3	14 40 36.26	− 1.78	−17 17 51.2	+ 2.0
23	B. D. −10°3967	9	44 18.46	+ 0.46	−14.44	49 15 57.50	45.605	+10.54	+1 8.9	14 44 4.48	− 1.67	−10 25 58.8	+ 2.8
24	B. D. −17°4200	9	46 47.17	+ 0.40	−14.44	56 47 55.45	44.528	+10.54	+1 30.6	14 46 33.13	− 1.78	−17 57 53.8	+ 1.5
25	C. P. D. −24°5398	9	49 4.86	+ 0.35	−14.44	63 3 54.65	46.978	+10.54	+1 56.6	14 48 50.77	− 1.89	−24 15 15.0	+ 0.4
26	43 B. Libræ	9	52 10.84	+ 0.38	−14.44	59 47 56.38	47.632	+10.54	+1 41.9	14 51 56.78	....	−20 59 17.0	....
27	B. D. −10°3999	9	54 0.85	+ 0.46	−14.44	49 35 55.82	45.185	+10.54	+1 9.8	14 53 46.87	− 1.65	−10 45 48.4	+ 2.3
28	B. D. −12°4192	9	58 11.57	+ 0.45	−14.44	51 17 55.90	48.405	+10.54	+1 14.2	14 57 57.58	− 1.66	−12 29 6.5	+ 1.8
29	B. D. −18°3972	9	1 6.74	+ 0.40	−14.44	57 49 55.30	46.088	+10.54	+1 34.3	15 0 52.70	− 1.75	−19 0 33.0	+ 0.6
30	B. D. −22°3904	9	3 38.03	+ 0.36	−14.44	61 31 56.50	44.290	+10.54	+1 49.3	15 3 23.95	− 1.81	−22 42 8.1	− 0.2
31	B. D. −15°4047	9	6 47.02	+ 0.42	−14.44	54 37 55.82	45.215	+10.54	+1 23.6	15 6 33.00	− 1.69	−15 48 2.8	+ 0.8
32	B. D. −17°4283	9	9 21.48	+ 0.40	−14.44	56 53 54.55	45.995	+10.54	+1 31.0	15 9 7.44	− 1.72	−18 4 26.8	+ 0.3
33	β Libræ	9	12 9.20	+ 0.47	**−14.46**	47 51 55.42	45.930	+10.54	+1 5.7	15 11 55.23	....	− 9 2 0.9	....
34	o^2 Libræ	9	17 59.42	+ 0.43	−14.44	53 37 56.18	44.528	+10.54	+1 20.6	15 17 45.41	....	−14 47 44.5	....
35	B. D. −22°3949	8	19 32.31	+ 0.36	−14.44	61 59 55.75	44.705	+10.54	+1 51.5	15 19 18.23	− 1.77	−23 10 19.0	− 1.3
36	32 Libræ	9	23 9.52	+ 0.42	**−14.46**	55 13 56.10	42.770	+10.54	+1 25.4	15 22 55.50	....	−16 23 9.1	....
	April 9, **Y.**												
37	Mars I, C.	5	31 2.31	+ 0.31	−14.44	56 39 56.78	47.492	+10.07	+1 28.3	15 30 48.18	+ 0.47	−17 49 24.7	....
38	Mars II.	5	31 3.29	+ 0.31	−14.44	... .	......	.....	. ....	15 30 49.16	− 0.51	.. ..	....
39	χ Lupi	9	45 11.34	+ 0.17	−14.44	72 7 57.70	46.773	+10.07	+2 59.0	15 44 57.07	− 1.91	−33 20 15.1	− 5.0
40	γ Serpentis	9	52 19.11	+ 0.54	**−14.43**	22 51 54.40	47.290	+10.07	+ 24.6	15 52 5.21	....	+15 58 10.5	....
41	151 H^1. Cephei s. P.	9	6 43.22	− 3.32	−14.44	304 11 50.25	43.248	+10.07	−1 25.1	4 6 25.46	....	+85 18 22.9	....
42	ε Ophiuchi	9	13 32.97	+ 0.41	**−14.39**	43 17 56.62	45.592	+10.07	+ 54.8	16 13 18.94	....	− 4 27 43.1	....
43	ω Herculis	9	21 16.94	+ 0.53	−14.44	24 35 55.18	45.000	+10.07	+ 26.6	16 21 3.03	− 1.22	+14 15 0.1	+ 4.2
44	β Herculis	9	26 23.20	+ 0.58	**−14.45**	17 9 56.12	43.625	+10.07	+ 18.0	16 26 9.34	....	+21 41 39.1	....
45	70 B. Ursæ Minoris	9	34 58.36	+ 1.91	−14.44	321 13 51.92	45.700	+10.07	− 46.5	16 34 45.83	− 2.80	+77 38 0.3	+ 8.5
46	η Herculis	9	39 53.27	+ 0.72	−14.44	359 45 54.75	43.582	+10.07	− 0.2	16 39 39.55	....	+39 5 59.7	....
47	9 Camelopardalis s. P.	9	44 49.76	− 0.24	−14.44	285 5 50.92	45.028	+10.07	−3 31.1	4 44 35.08	....	+66 10 58.5	....
48	ε Ursæ Minoris	9	55 56.24	+ 2.75	−14.44	316 39 50.85	47.402	+10.07	− 54.6	16 55 44.55	....	+82 11 30.6	....
49	η Ophiuchi	9	5 11.10	+ 0.33	**−14.48**	54 25 56.38	46.325	+10.07	+1 21.3	17 4 56.99	....	−15 36 26.0	....
50	139 G. Scorpii	9	11 8.46	+ 0.18	−14.44	71 21 56.25	44.483	+10.07	+2 51.1	17 10 54.20	− 1.38	−32 33 13.4	− 9.5
51	ξ Ophiuchi	9	15 33.92	+ 0.29	−14.44	59 49 56.20	46.000	+10.07	+1 39.9	17 15 19.77	− 1.21	−21 0 37.0	− 6.2
52	σ Ophiuchi	9	22 3.04	+ 0.47	**−14.44**	34 37 56.88	43.572	+10.07	+ 40.2	17 21 49.07	....	+ 4 13 17.4	....
53	ν^1 Draconis	5	30 32.84	+ 0.93	−14.44	343 37 53.28	42.358	+10.07	− 17.0	17 30 19.33	− 1.12	+55 14 45.7	+10.2
54	ν^2 Draconis	5	30 38.21	+ 0.93	−14.44	343 37 53.28	44.210	+10.07	− 17.0	17 30 24.70	− 1.12	+55 14 3.7	+10.2
55	β Ophiuchi	9	39 1.72	+ 0.47	**−14.47**	34 13 56.70	46.110	+10.07	+ 39.6	17 38 47.75	....	+ 4 36 20.2	....
56	γ Ophiuchi	9	43 22.62	+ 0.46	−14.44	36 5 55.85	45.555	+10.07	+ 42.4	17 43 8.64	− 0.92	+ 2 44 30.9	+ 0.5
57	168 H^1. Herculis	9	49 13.85	+ 0.73	−14.44	358 51 53.92	43.687	+10.07	− 1.1	17 49 0.14	− 0.90	+39 59 58.9	+ 8.9
58	ν Ophiuchi	9	54 2.75	+ 0.37	**−14.41**	48 35 57.40	45.095	+10.07	+1 6.0	17 53 48.68	....	− 9 45 43.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 13 44	[illegible]	38.1	37.2
14 10	......	....	36.3
14 38	[illegible]	36.4	35.9
15 0	......	....	35.2
15 24	[illegible]	35.4	35.1
9 15 27	29.67	45.7	45.0
15 59	......	....	44.9
16 30	29.645	45.8	44.8
17 1	......	....	44.5
17 26	29.635	45.5	44.7
18 4	29.64	45.2	44.4

Micrometer bisections are made at II, VI, except as noted below.

4, 12, 18, 20, 31, 34.	Bisections at II, VII.
15.	Bisections at I, II.
16.	Bisections at VI, VII.
37.	Z. D. threads C used.
37.	Bisections at I, II, VI, VII.
39, 50.	Bisections at II, VI, VII.
41.	Bisections at b_1, b_3, b_5, b_8, b_9.
45, 46.	Bisections at III, V.
47.	Bisections at III, IV, V.
48.	Bisections at b_1, b_3, b_5, b_7, b_9.
53.	Bisections at II, III.
54.	Bisections at V, VI.
57.	Bisections at II, III, V.

Notes.

39, 47, 50.	Diffuse and unsteady.
53.	Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
37	+ 11.1	.. ....	0.0	+ 11.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	April 10, Y.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N.	9	13 35.88	+ 0.45	−14.43	30 41 52.32	45.575	+10.59	+ 32.9	1 13 21.90	+64.64	+ 8 8 43.0	....
2	Sun II, S.	9	15 45.17	+ 0.45	−14.43	31 13 53.12	45.310	+10.59	+ 33.6	1 15 31.19	−64.65	+ 7 36 47.5	....
3	Venus I, S.	9	38 35.78	+ 0.55	−14.43	16 7 54.35	49.548	+10.01	+ 15.9	2 38 21.90	+ 1.90	+22 41 27.7	....
	April 11, Br.												
4	Sun I, N.	9	17 16.28	+ 0.28	−14.54	30 19 50.40	45.378	+ 9.75	+ 31.5	1 17 2.02	+64.74	+ 8 30 51.7	....
5	Sun II, S.	9	19 25.76	+ 0.28	−14.54	30 51 53.82	45.070	+ 9.75	+ 32.2	1 19 11.50	−64.74	+ 7 58 54.5	....
	April 13, Y.												
6	Moon I, N.	9	34 53.08	+ 0.49	−14.40	23 5 47.30	43.130	+ 9.13	+ 24.2	8 34 39.17	+68.95	+15 45 54.0	....
7	σ² Cancri (*mean*)	9	48 41.54	+ 0.59	−14.40	7 55 55.10	42.525	+ 9.13	+ 8.0	8 48 27.73	.....	+30 56 16.2	....
8	ρ Ursæ Majoris	9	54 13.47	+ 1.17	−14.40	330 51 48.88	44.890	+ 9.13	− 31.6	8 54 0.24	− 0.85	+68 0 8.1	− 6.2
9	κ Cancri	9	2 50.94	+ 0.45	**−14.39**	27 47 54.40	45.365	+ 9.13	+ 30.1	9 2 36.99	.....	+11 2 50.0	....
10	θ Hydræ	9	9 40.26	+ 0.40	**−14.39**	36 7 53.95	45.282	+ 9.13	+ 41.6	9 9 26.26	.....	+ 2 42 40.8	....
11	B. A. C. 7504 s. p.	9	18 51.78	− 4.52	−14.40	305 31 46.98	43.538	+ 9.13	−1 19.4	21 18 32.86	.....	+86 38 30.9	....
12	d Ursæ Majoris	9	26 20.08	+ 1.26	−14.40	328 35 49.88	47.978	+ 9.13	− 34.7	9 26 6.94	.....	+70 14 59.5	....
13	ι Hydræ	9	35 15.35	+ 0.37	−14.40	39 33 53.62	44.022	+ 9.13	+ 47.2	9 35 1.32	− 1.01	− 0 42 55.6	+14.6
14	ε Leonis	9	40 42.41	+ 0.54	**−14.33**	14 37 53.50	46.730	+ 9.13	+ 15.0	9 40 28.55	.....	+24 12 35.0	....
15	6 Sextantis	9	46 41.98	+ 0.35	−14.40	42 37 54.70	46.935	+ 9.13	+ 52.6	9 46 27.93	.....	− 3 48 8.4	....
16	158 B. Cephei s. p.	9	51 54.78	− 0.52	−14.40	292 7 48.72	47.265	+ 9.13	−2 18.9	21 51 39.86	.....	+73 14 58.6	....
17	π Leonis	9	55 26.65	+ 0.43	**−14.37**	30 21 52.85	42.692	+ 9.13	+ 33.5	9 55 12.68	.....	+ 8 29 49.2	....
18	υ² Hydræ	9	0 45.24	+ 0.29	−14.40	51 25 54.75	47.102	+ 9.13	+1 11.7	10 0 31.13	.....	−12 36 31.6	....
	April 13, Ei.-Y.												
19	ζ Leonis	9	11 39.42	+ 0.54	**−14.35**	14 57 55.12	44.678	+ 9.13	+ 15.4	10 11 25.55	.....	+23 53 19.6	....
20	γ Leonis (*pr.*)	9	14 59.20	+ 0.51	**−14.40**	18 31 52.28	44.952	+ 9.13	+ 19.2	10 14 45.30	.....	+20 19 12.4	....
21	B. D.+13°2271	9	27 29.28	+ 0.46	−14.41	25 25 53.38	46.930	+ 9.13	+ 27.3	10 27 15.33	− 1.16	+13 24 18.0	+ 9.6
22	B. D.+12°2242	9	35 50.99	+ 0.46	−14.41	26 15 54.15	46.915	+ 9.13	+ 28.3	10 35 37.04	− 1.20	+12 34 16.6	+ 9.7
23	d Leonis	9	55 54.65	+ 0.40	**−14.42**	34 43 54.85	43.270	+ 9.13	+ 39.7	10 55 40.64	.....	+ 4 7 27.8	....
24	χ Leonis	9	0 22.35	+ 0.43	**−14.41**	30 59 55.15	45.242	+ 9.13	+ 34.5	11 0 8.37	.....	+ 7 50 47.9	....
25	β Leonis	9	44 28.26	+ 0.50	**−14.44**	23 43 52.48	47.742	+ 9.01	+ 25.3	11 44 14.35	.....	+15 6 2.4	....
26	β Virginis	9	46 0.36	+ 0.42	**−14.44**	36 31 53.28	47.515	+ 9.01	+ 42.6	11 45 46.37	.....	+ 2 17 49.6	....
27	B. D.+ 1°2636	9	54 27.31	+ 0.41	−14.41	37 47 53.62	43.440	+ 9.01	+ 44.6	11 54 13.31	− 1.52	+ 1 3 20.4	+10.2
28	π Virginis	9	56 15.78	+ 0.45	**−14.45**	31 41 53.40	46.095	+ 9.01	+ 35.5	11 56 1.82	.....	+ 7 8 29.0	....
29	B. D.+ 4°2569	9	0 6.76	+ 0.43	−14.41	34 43 54.02	47.160	+ 9.01	+ 39.9	11 59 52.78	− 1.51	+ 4 5 59.4	+ 9.5
30	B. D.− 2°3460	9	1 23.52	+ 0.39	−14.41	41 25 53.55	47.485	+ 9.01	+ 50.8	12 1 9.50	− 1.58	− 2 36 18.2	+10.4
31	B. D.− 6°3509	9	3 58.70	+ 0.36	−14.41	45 9 54.42	45.560	+ 9.01	+ 57.8	12 3 44.65	− 1.62	− 6 19 42.1	+10.8
32	B. D.+ 4°2583	9	7 4.17	+ 0.44	−14.41	34 15 54.08	44.858	+ 9.01	+ 39.2	12 6 50.20	− 1.52	+ 4 34 52.9	+ 9.2
33	B. D.+ 3°2616	9	9 20.24	+ 0.43	−14.41	36 3 52.65	44.038	+ 9.01	+ 41.9	12 9 6.26	− 1.54	+ 2 47 10.4	+ 9.4
34	B. D.− 9°3468	9	10 32.93	+ 0.34	−14.41	48 35 54.58	45.140	+ 9.01	+1 5.2	12 10 18.86	− 1.68	− 9 45 40.0	+10.9
35	B. D.− 3°3263	9	13 32.77	+ 0.38	−14.41	42 15 53.30	45.255	+ 9.01	+ 52.3	12 13 18.74	− 1.61	− 3 25 28.5	+10.0
36	η Virginis	9	15 18.35	+ 0.41	**−14.40**	38 57 54.30	48.160	+ 9.01	+ 46.6	12 15 4.35	.....	− 0 8 30.2	....
37	B. D.− 1°2657	9	17 44.63	+ 0.39	−14.41	41 5 53.88	44.338	+ 9.01	+ 50.2	12 17 30.61	− 1.61	− 2 15 6.0	+ 9.8
38	B. D.+ 2°2539	9	21 25.29	+ 0.43	−14.41	36 15 53.82	47.242	+ 9.01	+ 42.2	12 21 11.31	− 1.57	+ 2 33 55.7	+ 9.0
39	B. D.− 1°2674	9	24 32.98	+ 0.40	−14.41	40 43 53.52	47.802	+ 9.01	+ 49.6	12 24 18.97	− 1.62	− 1 54 24.2	+ 9.4
40	B. D.+ 3°2660	9	26 41.81	+ 0.43	−14.41	36 1 53.00	43.192	+ 9.01	+ 41.8	12 26 27.83	− 1.57	+ 2 49 29.4	+ 8.8
41	B. D.+ 1°2721	9	31 14.48	+ 0.42	−14.41	37 41 52.05	47.655	+ 9.01	+ 44.5	12 31 0.49	− 1.60	+ 1 7 45.7	+ 8.9
42	χ Virginis	9	34 36.29	+ 0.36	−14.41	46 17 54.02	47.685	+ 9.01	+1 0.2	12 34 22.24	− 1.70	− 7 28 32.6	+ 9.5
43	B. D.+ 1°2739	9	37 27.71	+ 0.42	−14.41	37 49 53.60	44.755	+ 9.01	+ 44.7	12 37 13.72	− 1.61	+ 1 0 50.2	+ 8.7
44	B. D.− 8°3424	9	42 26.41	+ 0.36	−14.41	47 31 54.42	45.768	+ 9.01	+1 2.9	12 42 12.36	− 1.73	− 8 41 51.9	+ 9.2
45	B. D.+ 1°2758	9	45 26.84	+ 0.42	−14.41	37 39 54.00	44.615	+ 9.01	+ 44.4	12 45 12.85	− 1.62	+ 1 10 53.4	+ 8.4
46	B. D.− 2°3593	9	48 34.96	+ 0.40	−14.41	41 51 53.12	47.620	+ 9.01	+ 51.6	12 48 20.95	− 1.67	− 3 2 21.6	+ 8.6
47	B. D.−10°3581	9	52 16.38	+ 0.35	−14.41	49 11 53.25	46.682	+ 9.01	+1 6.7	12 52 2.32	− 1.76	−10 22 15.4	+ 8.8
48	B. D.− 0°2641	9	55 30.82	+ 0.41	−14.41	39 31 54.00	43.070	+ 9.01	+ 47.5	12 55 16.82	− 1.65	− 0 40 34.5	+ 8.1
49	B. D.− 4°3408	9	59 11.81	+ 0.38	−14.41	43 29 53.68	43.630	+ 9.01	+ 54.6	12 58 57.78	− 1.70	− 4 38 54.0	+ 8.2
50	B. D.− 6°3732	9	1 9.71	+ 0.37	−14.41	45 59 53.65	44.092	+ 9.01	+ 59.6	13 0 55.67	− 1.73	− 7 9 9.5	+ 8.2
51	B. D.− 6°3750	9	5 5.64	+ 0.37	−14.41	45 59 53.48	43.848	+ 9.01	+ 59.6	13 4 51.60	− 1.73	− 7 9 3.8	+ 8.0
52	B. D.− 5°3653	9	7 42.27	+ 0.38	−14.41	44 49 54.02	46.012	+ 9.01	+ 57.2	13 7 28.24	− 1.72	− 5 59 51.4	+ 7.9
53	B. D.− 4°3452	9	11 23.61	+ 0.38	−14.41	43 59 54.90	46.645	+ 9.01	+ 55.6	13 11 9.58	− 1.71	− 5 10 5.1	+ 7.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 1 16	29.42	65.8	69.1
2 39	29.57	72.8	75.1
11 1 19	29.40	74.7	78.8
13 8 32	29.465	54.5	53.3
9 1	......	....	52.1
9 31	29.485	52.1	50.8
10 4	......	....	49.8
10 20	29.495	50.4	49.3
11 1	29.50	49.7	49.0
11 42	29.505	49.1	48.0
12 6	......	....	47.8
12 32	29.50	48.4	47.4
12 57	......	....	47.0

Micrometer bisections are made at II, VI, except as noted below.

1. 4. 29.	Bisections at I, II.
2. 5. 14, 15, 24.	Bisections at VI, VII.
3.	Bisections at I, II, VI, VII.
6.	Bisections at II, III, IV, V, VI.
8.	Bisections at IV, V.
11.	Bisections at III, IV, V.
12. 16.	Bisections at III, V.
22. 37, 38. 42. 45.	Bisections at II, VII.

Note.

25-28. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 4.5	−15 57.7	...	−15 53.2
2	+ 4.5	+15 57.8	...	+16 2.3
3	+ 7.4	+ 26.3	...	+ 33.7
4	+ 4.4	−15 58.5	...	−15 54.1
5	+ 4.5	+15 58.6	...	+16 3.1
6	+22 44.9	−15 56.1		+ 6 48.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 7°3582	9	13 1.74	+ 0.37	−14.41	47 3 54.32	46.168	+ 9.01	+1 1.9	13 12 47.70	− 1.76	− 8 14 0.0	+ 7.7
2	B. D.−11°3498	9	17 22.73	+ 0.34	−14.41	50 55 54.25	43.272	+ 9.01	+1 10.9	13 17 8.66	− 1.81	−12 5 2.6	+ 7.5
3	B. D.− 8°3550	9	20 31.93	+ 0.37	−14.41	47 7 54.85	45.060	+ 9.01	+1 2.0	13 20 17.89	− 1.76	− 8 17 35.3	+ 7.3
4	B. D.−13°3716	9	25 10.83	+ 0.33	−14.41	52 19 53.10	47.735	+ 9.01	+1 14.6	13 24 56.75	− 1.84	−13 30 47.2	+ 7.1
5	B. D.−10°3699	9	27 19.47	+ 0.35	−14.41	49 35 54.95	45.990	+ 9.01	+1 7.7	13 27 5.41	− 1.80	−10 46 2.3	+ 7.0
6	B. D.−12°3843	9	29 53.26	+ 0.34	−14.41	51 33 54.10	45.075	+ 9.01	+1 12.6	13 29 39.19	− 1.83	−12 43 45.4	+ 6.8
7	B. D.−10°3724	7	33 44.05	+ 0.35	−14.41	49 27 54.58	44.122	+ 9.01	+1 7.3	13 33 29.99	− 1.80	−10 37 18.8	+ 6.7
8	B. D.−12°3873	9	37 39.13	+ 0.34	−14.41	51 55 53.15	42.988	+ 9.01	+1 13.5	13 37 25.06	− 1.83	−13 4 57.7	+ 6.4
9	B. D.−15°3735	9	40 44.04	+ 0.32	−14.41	54 7 54.35	44.188	+ 9.01	+1 19.6	13 40 29.95	− 1.87	−15 17 32.4	+ 6.2
10	B. D.− 6°3887	9	43 35.57	+ 0.38	−14.41	45 11 53.32	46.152	+ 9.01	+ 58.0	13 43 21.54	− 1.74	− 6 21 54.7	+ 6.2
11	B. D.− 4°3580	9	47 53.86	+ 0.40	−14.41	43 25 53.65	47.032	+ 9.01	+ 54.6	13 47 39.85	− 1.72	− 4 36 11.7	+ 6.1
12	B. D.− 7°3728 (*pr.*)	9	50 14.88	+ 0.38	−14.41	46 25 53.78	45.198	+ 9.01	+1 0.6	13 50 0.85	− 1.75	− 7 35 35.9	+ 5.9
13	B. D.−13°3802	9	53 38.54	+ 0.34	−14.41	52 29 54.22	44.742	+ 9.01	+1 15.1	13 53 24.47	− 1.84	−13 39 40.4	+ 5.5
14	B. D.−14°3846	9	55 36.17	+ 0.33	−14.41	53 19 55.00	44.262	+ 9.01	+1 17.4	13 55 22.09	− 1.85	−14 29 32.8	+ 5.3
15	τ Virginis	9	57 4.31	+ 0.44	**−14.43**	36 49 52.50	46.715	+ 9.01	+ 43.2	13 56 50.34	....	+ 2 0 8.1	....
16	B. D.−14°3863	9	59 34.27	+ 0.33	−14.41	53 21 53.60	42.912	+ 9.01	+1 17.5	13 59 20.19	− 1.85	−14 31 0.4	+ 5.1
17	B. D.− 7°3770	9	2 22.97	+ 0.38	−14.41	46 49 52.62	44.490	+ 9.01	+1 1.5	14 2 8.94	− 1.76	− 7 59 19.5	+ 5.3
18	B. D.− 5°3824	9	6 14.38	+ 0.40	−14.41	44 21 53.85	45.490	+ 9.01	+ 56.4	14 6 0.37	− 1.72	− 5 31 38.5	+ 5.2
19	κ Virginis	9	8 5.47	+ 0.37	**−14.45**	48 39 54.78	45.990	+ 9.01	+1 5.6	14 7 51.43	....	− 9 50 0.0	....
	April 13, Br.												
20	Mars I, C.	5	28 59.20	+ 0.31	−14.51	56 39 52.12	46.584	+ 9.62	+1 27.7	15 28 45.00	+ 0.53	−17 48 58.2	....
21	Mars II	5	29 0.29	+ 0.31	−14.51	... .	......	....	. ....	15 28 46.09	− 0.56	.. ..	....
22	κ Serpentis	9	44 43.16	+ 0.54	−14.51	20 25 52.08	42.808	+ 9.62	+ 21.6	15 44 29.19	....	+18 25 58.7	....
23	ρ Scorpii	9	51 17.21	+ 0.21	−14.51	67 45 52.22	43.265	+ 9.62	+2 20.7	15 51 2.91	− 1.87	−28 56 11.1	− 3.9
24	δ Scorpii	9	54 58.81	+ 0.27	−14.51	61 9 53.22	47.145	+ 9.62	+1 44.8	15 54 44.57	....	−22 21 4.9	....
25	β¹ Scorpii	9	0 10.61	+ 0.30	**−14.57**	58 21 51.28	46.795	+ 9.62	+1 33.8	15 59 56.40	....	−19 32 43.7	....
26	c¹ Scorpii	9	6 43.08	+ 0.22	−14.51	66 29 53.10	45.115	+ 9.62	+2 12.5	16 6 28.79	− 1.78	−27 40 45.8	− 4.5
27	ε Ophiuchi	9	13 33.21	+ 0.40	**−14.54**	43 17 54.00	45.715	+ 9.62	+ 54.6	16 13 19.10	....	− 4 27 42.6	....
28	ρ Ophiuchi (*mean*)	9	20 9.07	+ 0.26	−14.51	62 3 52.88	43.230	+ 9.62	+1 48.8	16 19 54.82	− 1.64	−23 13 38.8	− 4.2
29	ζ Ophiuchi	9	32 11.18	+ 0.36	**−14.50**	49 11 53.62	47.218	+ 9.62	+1 7.1	16 31 57.03	....	−10 22 29.3	....
30	42 Herculis	9	36 25.19	+ 0.80	−14.51	349 43 50.95	47.632	+ 9.62	− 10.4	16 36 11.48	− 1.39	+49 6 41.6	+ 8.1
31	ε Scorpii	9	44 16.61	+ 0.16	−14.51	72 55 52.32	43.780	+ 9.62	+3 6.8	16 44 2.26	....	−34 7 8.8	....
32	24 Ophiuchi	9	51 19.91	+ 0.27	−14.51	61 49 53.52	43.890	+ 9.62	+1 47.9	16 51 5.67	− 1.48	−22 59 53.9	− 5.6
33	117 G. Scorpii	9	55 59.94	+ 0.18	−14.51	70 47 54.28	47.005	+ 9.62	+2 45.4	16 55 45.61	− 1.60	−32 0 3.1	− 8.4
34	η Ophiuchi	9	5 11.28	+ 0.33	**−14.55**	54 25 53.70	46.410	+ 9.62	+1 21.0	17 4 57.10	....	−15 36 24.5	....
35	α Herculis	9	10 34.01	+ 0.52	**−14.45**	24 21 52.00	42.982	+ 9.62	+ 26.3	17 10 20.02	....	+14 29 49.8	....
36	u Herculis	9	14 3.95	+ 0.64	−14.51	5 39 51.82	43.490	+ 9.62	+ 5.8	17 13 50.08	− 1.13	+33 11 59.1	+ 7.1
37	σ Ophiuchi	9	22 3.17	+ 0.45	**−14.44**	34 37 53.58	43.710	+ 9.62	+ 40.0	17 21 49.11	....	+ 4 13 17.9	....
38	λ Herculis	9	27 8.92	+ 0.59	−14.51	12 39 52.28	46.260	+ 9.62	+ 13.1	17 26 55.00	− 1.06	+26 10 47.9	+ 6.0
39	324 B. Herculis	9	37 59.90	+ 0.73	−14.51	355 19 50.85	46.920	+ 9.62	− 4.7	17 37 46.12	− 1.09	+43 30 52.3	+ 8.8
40	X Sagittarii	9	41 50.37	+ 0.22	−14.51	66 35 53.78	47.148	+ 9.62	+2 13.5	17 41 36.08	− 1.24	−27 47 34.2	− 9.0
41	87 Herculis	9	45 12.92	+ 0.59	−14.51	13 11 52.18	45.345	+ 9.62	+ 13.7	17 44 59.00	− 0.99	+25 39 8.2	+ 5.9
42	9 G. Sagittarii	9	50 34.98	+ 0.30	−14.51	57 35 52.88	47.705	+ 9.62	+1 31.3	17 50 20.77	− 1.10	−18 47 3.6	− 6.4
43	ν Ophiuchi	9	54 2.96	+ 0.37	**−14.51**	48 35 54.22	45.230	+ 9.62	+1 5.8	17 53 48.82	....	− 9 45 42.9	....
44	36 Camelopardalis S. P.	9	3 31.79	− 0.12	−14.51	284 39 47.25	43.792	+ 9.62	−3 37.1	6 3 17.16	+ 0.52	+65 44 20.1	− 4.5
45	Groombridge 1004 S. P.	6	10 30.30	− 4.33	−14.51	305 37 48.40	46.523	+ 9.62	−1 20.5	6 10 11.46	+ 5.72	+86 45 40.3	− 8.8
46	η Serpentis	9	16 38.65	+ 0.41	**−14.55**	41 45 52.40	45.165	+ 9.62	+ 51.9	18 16 24.55	....	− 2 55 25.7	....
	April 14, Ei.-Y.												
47	σ Leonis	9	16 29.66	+ 0.46	**−14.43**	32 17 55.02	45.148	+ 9.04	+ 35.9	11 16 15.68	....	+ 6 32 48.6	....
48	B. D.− 2°3337	9	18 59.01	+ 0.40	−14.44	41 35 54.35	47.102	+ 9.04	+ 50.5	11 18 44.97	− 1.45	− 2 46 10.0	+12.1
49	B. D.+ 4°2463	9	21 12.49	+ 0.45	−14.44	34 27 54.15	45.102	+ 9.04	+ 39.0	11 20 58.50	− 1.40	+ 4 22 47.4	+10.6
50	τ Leonis	9	23 18.56	+ 0.44	**−14.44**	35 27 53.52	45.655	+ 9.04	+ 40.5	11 23 4.56	....	+ 3 22 33.7	....
51	B. D.− 3°3128	9	24 39.21	+ 0.39	−14.44	42 45 54.25	46.015	+ 9.04	+ 52.6	11 24 25.16	− 1.48	− 3 55 47.1	+12.1
52	η Virginis	9	15 18.43	+ 0.42	**−14.50**	38 57 55.78	48.130	+ 9.04	+ 46.3	12 15 4.41	....	− 0 8 30.7	....
53	γ Virginis (*pr.*)	5	37 6.35	+ 0.41	−14.44	.. ..	......	....	. ....	12 36 52.32	....	.. ..	....
54	γ Virginis (*fol.*)	5	37 6.56	+ 0.41	−14.44	.. ..	......	....	. ....	12 36 52.53	....	.. ..	....
55	γ Virginis (*mean*)	.	.. ..	....	.....	39 45 53.42	46.495	+ 9.04	+ 47.7	.. ..	....	− 0 55 52.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 13 22	29.49	47.7	46.7
13 50	......	....	46.2
14 9	29.49	46.8	45.8
15 29	29.46	45.3	44.6
16 7	......	....	44.0
16 18	29.46	45.0	....
16 44	......	....	43.5
16 56	29.455	44.6	43.2
17 54	......	....	42.9
18 17	29.46	43.7	42.5
14 11 14	29.535	53.7	54.2
11 26	......	....	53.6
12 13	29.55	51.6	51.1
12 36	......	....	50.0

Micrometer bisections are made at II, VI, except as noted below.

2, 7, 17.	Bisections at II, VII.
14, 23, 24, 29, 32, 35, 37, 40, 41, 50.	Bisections at I, II.
20.	Z. D. threads C used.
20.	Bisections at I. II, VI, VII.
30, 39.	Bisections at III, V.
38.	Bisection at II.
44.	Bisections at III, IV, V.
45.	Bisections at b_4, b_5, b_6.
55.	Bisections at VI, VII.

Note.

40. Circle reading increased 6′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
20	+ 11.5	.. ....	0.0	+ 11.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 3°2695........	9	41 39.82	+ 0.44	−14.44	35 51 53.98	44.758	+ 9.04	+ 41.5	12 41 25.82	− 1.60	+ 2 58 53.0	+ 8.3
2	B. D.+ 0°2983........	9	43 30.58	+ 0.42	−14.44	38 41 54.20	43.140	+ 9.04	+ 45.9	12 43 16.56	− 1.63	+ 0 9 25.3	+ 8.5
3	B. D.− 5°3588........	9	47 33.72	+ 0.38	−14.44	44 23 55.35	47.775	+ 9.04	+ 56.2	12 47 19.66	− 1.70	− 5 34 32.1	+ 8.8
4	B. D.+ 0°3002........	9	51 2.44	+ 0.42	−14.44	38 15 53.45	46.780	+ 9.04	+ 45.3	12 50 48.42	− 1.63	+ 0 34 3.5	+ 8.2
5	B. D.− 5°3605........	9	54 20.92	+ 0.38	−14.44	44 25 55.48	43.265	+ 9.04	+ 56.2	12 54 6.86	− 1.71	− 5 34 49.1	+ 8.5
6	B. D.−11°3418........	9	57 30.52	+ 0.34	−14.44	50 25 54.72	46.012	+ 9.04	+1 9.4	12 57 16.42	− 1.79	−11 36 4.3	+ 8.7
7	B. D.− 9°3617........	9	0 59.43	+ 0.35	−14.44	48 49 56.18	45.220	+ 9.04	+1 5.6	13 0 45.34	− 1.77	− 9 59 43.9	+ 8.4
8	B. D.− 8°3491........	9	3 51.03	+ 0.36	−14.44	47 17 55.65	47.945	+ 9.04	+1 2.2	13 3 36.95	− 1.75	− 8 28 42.2	+ 8.2
9	B. D.−15°3613........	9	7 16.13	+ 0.30	−14.44	54 31 54.02	43.605	+ 9.04	+1 20.4	13 7 1.99	− 1.87	−15 41 19.6	+ 8.2
10	B. D.−10°3635........	9	10 13.23	+ 0.34	−14.44	49 41 54.60	45.020	+ 9.04	+1 7.7	13 9 59.13	− 1.79	−10 51 39.8	+ 8.0
11	B. D.+ 0°3040........	9	12 53.69	+ 0.42	−14.44	39 1 54.32	43.278	+ 9.04	+ 46.5	13 12 39.67	− 1.67	− 0 10 38.5	+ 7.4
12	B. D.− 9°3669........	9	16 29.57	+ 0.35	−14.44	48 19 55.70	46.775	+ 9.04	+1 4.5	13 16 15.48	− 1.78	− 9 30 17.8	+ 7.6
13	B. D.− 4°3472........	9	19 52.24	+ 0.38	−14.44	43 29 55.38	47.005	+ 9.04	+ 54.6	13 19 38.18	− 1.72	− 4 40 12.9	+ 7.3
14	B. D.− 8°3562........	9	23 44.64	+ 0.35	−14.44	48 5 54.70	44.148	+ 9.04	+1 4.0	13 23 30.55	− 1.78	− 9 15 16.3	+ 7.2
15	B. D.− 2°3695........	9	26 12.92	+ 0.40	−14.44	41 23 53.15	46.093	+ 9.04	+ 50.7	13 25 58.88	− 1.70	− 2 33 45.8	+ 7.0
16	B. D.− 6°3839........	9	28 42.48	+ 0.37	−14.44	45 57 55.70	46.790	+ 9.04	+ 59.5	13 28 28.41	− 1.75	− 7 8 13.4	+ 7.0
17	ζ Virginis................	9	30 6.81	+ 0.42	**−14.45**	38 57 52.95	43.650	+ 9.04	+ 46.5	13 29 52.79	....	− 0 6 45.7	....
18	B. D.−13°3737........	9	33 12.24	+ 0.32	−14.44	52 55 54.10	47.268	+ 9.04	+1 16.2	13 32 58.12	− 1.86	−14 6 39.1	+ 6.7
19	B. D.− 5°3747........	9	36 21.57	+ 0.38	−14.44	44 41 55.60	47.665	+ 9.04	+ 57.0	13 36 7.51	− 1.74	− 5 52 30.6	+ 6.6
20	B. D.−13°3761........	9	39 54.91	+ 0.32	−14.44	52 33 54.45	47.522	+ 9.04	+1 15.2	13 39 40.79	− 1.85	−13 44 44.3	+ 6.3
21	B. D.− 5°3762........	9	42 43.27	+ 0.37	−14.44	45 3 54.15	46.272	+ 9.04	+ 57.8	13 42 29.20	− 1.74	− 6 13 58.1	+ 6.3
22	89 Virginis................	9	44 58.53	+ 0.29	**−14.44**	56 29 52.02	44.620	+ 9.04	+1 26.9	13 44 44.38	....	−17 39 47.5	....
23	B. D.− 7°3712........	9	46 7.02	+ 0.37	−14.44	46 9 54.65	43.350	+ 9.04	+1 0.0	13 45 52.95	− 1.76	− 7 18 54.0	+ 6.1
24	B. D.−13°3786........	9	49 0.30	+ 0.32	−14.44	53 1 53.00	45.272	+ 9.04	+1 16.5	13 48 46.18	− 1.86	−14 11 52.8	+ 5.8
25	B. D.−16°3773........	9	53 35.26	+ 0.29	−14.44	55 59 53.28	44.912	+ 9.04	+1 25.4	13 53 21.11	− 1.91	−17 9 53.7	+ 5.4
26	B. D.−12°3933........	9	55 17.12	+ 0.32	−14.44	51 49 56.32	46.858	+ 9.04	+1 13.3	13 55 3.00	− 1.84	−13 0 29.1	+ 5.5
27	B. D.−11°3659........	9	59 22.73	+ 0.34	−14.44	50 29 54.35	47.148	+ 9.04	+1 10.0	13 59 8.63	− 1.82	−11 40 30.5	+ 5.3
28	B. D.−13°3824........	9	1 49.32	+ 0.32	−14.44	52 35 53.75	43.455	+ 9.04	+1 15.4	14 1 35.20	− 1.85	−13 45 10.9	+ 5.1
29	B. D.− 9°3865........	9	4 12.66	+ 0.35	−14.44	48 43 56.45	43.820	+ 9.04	+1 5.7	14 3 58.57	− 1.79	− 9 53 12.2	+ 5.2
30	B. D.− 7°3794........	9	8 32.67	+ 0.36	−14.44	46 49 54.65	46.348	+ 9.04	+1 1.6	14 8 18.59	− 1.76	− 8 0 4.1	+ 5.0
31	B. D.− 5°3845........	9	11 37.57	+ 0.37	−14.43	45 1 53.82	43.460	+ 9.04	+ 57.8	14 11 23.51	− 1.74	− 6 10 53.8	+ 5.0
32	B. D.− 6°3964........	9	13 13.74	+ 0.37	−14.43	45 55 54.05	46.060	+ 9.04	+ 59.7	14 12 59.68	− 1.75	− 7 5 55.3	+ 4.8
33	λ Virginis................	9	14 13.99	+ 0.32	**−14.44**	51 45 55.02	45.988	+ 9.04	+1 13.3	14 13 59.88	....	−12 56 8.0	....
34	β Libræ................	9	12 9.35	+ 0.37	**−14.41**	47 51 53.42	46.155	+ 9.04	+1 4.1	15 11 55.29	....	− 9 2 1.0	....
35	32 Libræ................	9	23 9.70	+ 0.31	**−14.42**	55 13 53.50	43.032	+ 9.04	+1 23.4	15 22 55.58	....	−16 23 9.2	....
36	B. D.−16°4093........	9	24 28.06	+ 0.31	−14.43	55 55 53.35	47.330	+ 9.04	+1 25.7	15 24 13.94	− 1.76	−17 6 49.3	+ 0.1
37	C. P. D −25°5620......	9	27 43.52	+ 0.23	−14.43	64 17 55.72	45.338	+ 9.04	+2 0.2	15 27 29.32	− 1.90	−25 28 40.7	− 1.6
38	C. P. D.−25°5625......	9	32 2.49	+ 0.22	−14.43	64 47 55.15	43.272	+ 9.04	+2 2.9	15 31 48.28	− 1.90	−25 57 55.6	− 1.9
39	B. D.−18°4118........	9	33 42.19	+ 0.29	−14.43	57 49 53.30	43.208	+ 9.04	+1 32.2	15 33 28.05	− 1.77	−18 59 21.6	− 0.7
40	κ Libræ................	9	36 44.14	+ 0.29	−14.43	58 11 53.55	45.522	+ 9.04	+1 33.5	15 36 30.00	....	−19 22 16.0	....
41	B. D.−15°4171........	9	38 59.41	+ 0.32	−14.43	54 11 54.70	45.932	+ 9.04	+1 20.4	15 38 45.30	− 1.70	−15 22 13.4	− 0.3
42	C. P. D.−23°6265......	9	43 4.51	+ 0.25	−14.43	62 21 53.28	45.178	+ 9.04	+1 50.7	15 42 50.33	− 1.82	−23 32 25.0	− 2.1
43	B. D.−14°4291........	9	46 33.40	+ 0.33	−14.43	53 23 54.82	47.128	+ 9.04	+1 18.2	15 46 19.30	− 1.66	−14 34 38.7	− 0.6
44	C. P. D.−26°5537......	8	48 58.96	+ 0.21	−14.43	65 51 54.10	46.855	+ 9.04	+2 9.3	15 48 44.74	− 1.86	−27 3 22.5	− 3.2
45	B. D.−14°4314........	9	51 28.27	+ 0.33	−14.43	53 23 54.08	43.150	+ 9.04	+1 18.2	15 51 14.17	− 1.64	−14 33 7.0	− 0.8
46	π Scorpii................	9	53 22.22	+ 0.23	−14.43	64 39 53.72	44.662	+ 9.04	+2 2.4	15 53 8.02	− 1.82	−25 50 25.4	− 3.2
47	B. D.−17°4472........	9	57 26.59	+ 0.30	−14.43	56 43 52.72	46.142	+ 9.04	+1 28.6	15 57 12.46	− 1.67	−17 54 24.5	− 1.8
48	B. D.−21°4269........	9	0 23.23	+ 0.27	−14.43	60 23 54.28	46.365	+ 9.04	+1 42.2	16 0 9.07	− 1.72	−21 34 44.7	− 2.7
49	C. P. D.−24°5651......	9	2 25.52	+ 0.24	−14.43	63 1 53.70	44.955	+ 9.04	+1 54.0	16 2 11.33	− 1.75	−24 12 23.6	− 3.4
50	B. D.−22°4113........	9	6 30.21	+ 0.26	−14.43	61 7 55.35	43.852	+ 9.04	+1 45.4	16 6 16.04	− 1.70	−22 17 51.5	− 3.2
51	B. D.−21°4305........	9	8 21.02	+ 0.27	−14.43	59 57 53.48	48.298	+ 9.04	+1 40.6	16 8 6.86	− 1.68	−21 9 26.5	− 3.0
52	B. D.−14°4383........	9	10 45.29	+ 0.33	−14.43	53 25 53.92	47.255	+ 9.04	+1 18.4	16 10 31.19	− 1.58	−14 36 40.9	− 1.7
53	B. D.−14°4398........	9	13 54.12	+ 0.33	−14.43	53 27 53.92	46.762	+ 9.04	+1 18.5	16 13 40.02	− 1.56	−14 38 29.7	− 1.8
54	B. D.−22°4159........	9	17 26.82	+ 0.26	−14.43	61 43 53.95	43.185	+ 9.04	+1 48.0	16 17 12.65	− 1.67	−22 53 37.5	− 3.9
55	C. P. D.−25°5794......	9	21 34.58	+ 0.22	−14.43	64 51 53.62	44.788	+ 9.04	+2 3.7	16 21 20.37	− 1.70	−26 2 29.5	− 4.9
56	C. P. D.−27°5408......	9	24 38.09	+ 0.20	−14.43	66 31 53.92	44.082	+ 9.04	+2 13.7	16 24 23.86	− 1.72	−27 42 23.6	− 5.4
57	B. D.−21°4381........	9	26 45.91	+ 0.27	−14.43	60 5 55.08	43.815	+ 9.04	+1 41.1	16 26 31.75	− 1.60	−21 15 46.1	− 4.0
58	C. P. D.−25°5815......	9	30 20.60	+ 0.23	−14.43	63 59 53.58	46.375	+ 9.04	+1 59.2	16 30 6.40	− 1.64	−25 11 1.2	− 5.1
59	B. D.−18°4302........	9	33 18.32	+ 0.30	−14.43	57 27 54.38	45.120	+ 9.04	+1 31.3	16 33 4.19	− 1.53	−18 38 5.5	− 3.6
60	B. D.−19°4406........	9	36 34.19	+ 0.28	−14.43	58 33 53.52	46.090	+ 9.04	+1 35.3	16 36 20.04	− 1.53	−19 44 30.8	− 4.0
61	B. D.−18°4320........	9	40 12.43	+ 0.29	−14.43	57 47 53.48	44.008	+ 9.04	+1 32.5	16 39 58.29	− 1.50	−18 57 40.3	− 4.0
62	B. D.−15°4395........	9	44 17.57	+ 0.32	−14.43	54 19 54.68	45.560	+ 9.04	+1 21.2	16 44 3.46	− 1.44	−15 30 5.7	− 4.2
63	C. P. D.−25°5875......	9	46 41.97	+ 0.23	−14.43	64 15 53.40	44.442	+ 9.04	+2 0.7	16 46 27.77	− 1.56	−25 26 18.4	− 6.0

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
14 12 52	29.56	50.1	49.8	11, 18, 41, 42, 49, 50, 61. Bisections at II, VII. 15. Bisections at II, VI, VII. 16, 22, 31, 32, 35. Bisections at I, II. 44. Bisections at VI, VII.					
13 14	......	....	49.7						
13 37	29.585	49.2	48.4						
13 57	......	....	47.8						
14 16	[illegible]	47.9	46.7						
15 9	29.60	46.4	45.4						
15 35	......	....	44.6	Notes. 7-12. Images unsteady; at times poor. 22. Revolutions of micrometer reading assumed. 41-63. Images poor.					
15 54	[illegible]	45.0	44.0						
16 19	......	....	43.2						
16 48	29.615	43.7	42.3						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−21°4449........	8	50 8.35	+ 0.27	−14.43	60 13 53.92	46.860	+ 9.04	+1 41.9	16 49 54.19	− 1.49	−21 24 55.4	− 5.1
2	B. D.−15°4420........	9	53 47.19	+ 0.32	−14.43	54 29 54.20	44.980	+ 9.04	+1 21.8	16 53 33.08	− 1.40	−15 39 52.5	− 3.7
3	B. D.−17°4685........	9	55 56.84	+ 0.31	−14.43	56 1 52.92	45.780	+ 9.04	+1 26.6	16 55 42.72	− 1.41	−17 12 14.4	− 4.2
4	C. P. D.−25°5924......	9	59 8.43	+ 0.23	−14.43	64 19 54.45	44.975	+ 9.04	+2 1.2	16 58 54.23	− 1.50	−25 30 32.1	− 6.6
5	C. P. D.−23°6495......	9	3 4.58	+ 0.25	−14.43	61 55 54.15	44.162	+ 9.04	+1 49.3	17 2 50.44	− 1.44	−23 6 1.3	− 6.1
6	C. P. D.−27°5594......	9	6 43.70	+ 0.21	−14.43	66 27 53.25	44.660	+ 9.04	+2 13.6	17 6 29.48	− 1.48	−27 38 36.1	− 7.5
7	*A* Ophiuchi (*south*)......	5	9 45.87	+ 0.22	−14.43	65 15 53.60	47.918	+ 9.04	+2 6.5	17 9 31.66	.....	−26 27 43.5	....
8	*A* Ophiuchi (*north*)......	5	9 45.96	+ 0.22	−14.43	65 15 53.60	47.685	+ 9.04	+2 6.5	17 9 31.75	.....	−26 27 38.7	....
9	C. P. D.−24°5859 (*south*)	9	12 28.56	+ 0.24	−14.43	62 59 50.30	46.472	+ 9.04	+1 54.4	17 12 14.37	− 1.40	−24 10 55.2	− 6.8
10	B. D.−19°4605........	9	15 14.98	+ 0.29	−14.43	58 3 53.38	44.582	+ 9.04	+1 33.6	17 15 0.84	− 1.33	−19 13 54.5	− 5.4
11	C. P. D.−28°5626......	9	17 38.40	+ 0.20	−14.43	66 51 53.50	45.435	+ 9.04	+2 16.3	17 17 24.17	− 1.43	−28 2 56.8	− 8.1
12	*b* Ophiuchi..............	9	20 49.58	+ 0.24	−14.43	62 53 53.58	47.048	+ 9.04	+1 54.0	17 20 35.39	.....	−24 5 11.7	....
13	σ Ophiuchi..............	9	22 3.09	+ 0.46	**−14.35**	34 37 51.78	43.785	+ 9.04	+ 40.4	17 21 49.12	.....	+ 4 13 18.5	....
14	B. D.−19°4644........	9	24 22.75	+ 0.29	−14.43	58 13 52.35	44.187	+ 9.04	+1 34.3	17 24 8.61	− 1.28	−19 23 45.0	− 5.8
15	B. D.−21°4659........	9	29 50.92	+ 0.26	−14.43	60 47 54.12	46.230	+ 9.04	+1 44.5	17 29 36.75	− 1.28	−21 58 43.8	− 6.8
16	ξ Serpentis............	9	32 24.14	+ 0.32	**−14.48**	54 9 54.55	46.098	+ 9.04	+1 21.0	17 32 10.03	.....	−15 20 17.7	....
	April 16, Br.												
17	33 Sextantis............	9	36 49.52	+ 0.47	−14.48	40 5 54.12	43.398	+10.02	+ 49.8	10 36 35.51	.....	− 1 14 45.4	....
18	42 Leonis Minoris........	9	40 49.98	+ 0.70	−14.48	7 39 53.18	46.288	+10.03	+ 8.0	10 40 36.20	.....	+31 10 51.2	....
19	46 Leonis Minoris........	9	48 15.04	+ 0.73	−14.48	4 7 54.18	44.605	+10.05	+ 4.3	10 48 1.29	.....	+34 43 32.4	....
20	α Crateris..............	9	55 24.39	+ 0.35	**−14.52**	56 37 52.82	44.580	+10.08	+1 29.8	10 55 10.26	.....	−17 47 51.1	....
21	χ Leonis................	9	0 22.28	+ 0.53	**−14.47**	30 59 53.92	45.195	+10.09	+ 35.6	11 0 8.33	.....	+ 7 50 47.9	....
22	β Crateris..............	9	7 14.91	+ 0.32	−14.48	61 7 53.85	46.038	+10.11	+1 47.2	11 7 0.75	.....	−22 18 42.9	....
23	ξ Ursæ Majoris (*mean*) ...	9	13 22.09	+ 0.70	−14.48	6 47 52.60	44.040	+10.13	+ 7.1	11 13 8.31	.....	+32 3 44.0	....
24	83 Leonis................	9	22 12.18	+ 0.50	−14.48	35 17 55.10	47.865	+10.16	+ 42.0	11 21 58.20	.....	+ 3 31 39.2	....
25	Moon I, N............	9	31 5.01	+ 0.52	−14.48	34 47 54.50	46.573	+10.18	+ 41.2	11 30 51.05	+69.30	+ 4 2 10.0	....
26	41 H. Cephei s. P.........	9	43 35.56	− 0.19	−14.48	286 9 49.22	48.915	+10.22	−3 20.3	23 43 20.89	.....	+67 16 36.6	....
27	γ Ursæ Majoris..........	9	49 5.39	+ 0.95	−14.48	344 37 51.48	46.065	+10.24	− 16.2	11 48 51.86	.....	+54 13 22.0	....
28	π Virginis..............	9	56 15.74	+ 0.53	**−14.50**	31 41 53.38	46.025	+10.26	+ 36.6	11 56 1.79	.....	+ 7 8 28.3	....
29	ο Virginis..............	9	0 37.62	+ 0.54	**−14.46**	29 35 53.75	43.498	+10.27	+ 33.6	12 0 23.68	.....	+ 9 15 28.6	....
30	ε Corvi................	8	5 30.30	+ 0.32	−14.48	60 53 54.08	48.735	+10.29	+1 46.1	12 5 16.14	.....	−22 5 43.5	....
31	δ Ursæ Majoris..........	9	10 58.89	+ 1.01	−14.48	341 17 51.35	45.580	+10.31	− 19.9	12 10 45.42	.....	+57 33 36.9	....
32	12 Comæ Berenices.......	9	17 59.16	+ 0.66	−14.48	12 27 53.92	47.555	+10.33	+ 13.1	12 17 45.34	.....	+26 22 16.1	....
33	δ Corvi................	9	25 12.77	+ 0.37	**−14.45**	54 49 54.60	43.572	+10.35	+1 23.8	12 24 58.66	.....	−15 59 24.1	....
34	χ Virginis..............	9	34 36.24	+ 0.43	−14.48	46 17 55.72	47.538	+10.38	+1 1.9	12 34 22.19	− 1.70	− 7 28 34.0	+ 9.6
35	Groombridge 1922.....	9	40 55.33	+ 0.84	−14.48	352 53 52.58	45.210	+10.40	− 7.3	12 40 41.69	− 1.57	+45 57 31.4	+ 2.0
36	*p* Centauri..............	6	45 48.24	+ 0.20	−14.48	72 17 55.42	43.660	+10.41	+3 3.3	12 45 33.96	− 2.25	−33 29 6.4	+10.2
	April 17, Sk.												
37	Lalande 19433.........	.	.. ..	....	.....	57 23 56.25	44.388	+10.38	+1 32.1	9 50	.....	−18 33 52.7	....
38	μ Hydræ................	9	21 45.07	+ 0.43	**−14.48**	55 11 51.80	43.541	+10.38	+1 24.9	10 21	.....	−16 21 21.7	....
39	B. D.−16°3101........	9	34 31.46	+ 0.42	−14.46	55 33 54.35	46.935	+10.38	+1 26.3	10 34 17.42	− 1.39	−16 44 43.5	+16.7
40	ν Hydræ................	9	45 11.67	+ 0.43	**−14.49**	54 31 55.00	45.302	+10.38	+1 23.1	10 44	.....	−15 42 3.5	....
41	b^2 Hydræ................	9	49 6.09	+ 0.40	**−14.42**	58 27 53.35	44.399	+10.38	+1 36.5	10 48	.....	−19 37 54.5	....
	April 17, Ei.-Y.												
42	β Leonis................	9	44 28.01	+ 0.62	**−14.33**	23 43 55.52	47.495	+10.38	+ 26.2	11 44 14.26	.....	+15 6 2.8	....
43	β Virginis..............	9	46 0.14	+ 0.55	**−14.37**	36 31 54.78	47.320	+10.38	+ 44.1	11 45 46.32	.....	+ 2 17 49.7	....
44	B. D.− 0°2520........	9	56 25.29	+ 0.52	−14.37	40 5 53.18	42.538	+10.38	+ 50.1	11 56 11.44	− 1.54	− 1 14 25.4	+10.3
45	B. D.− 0°2532........	9	0 39.20	+ 0.52	−14.37	39 49 54.42	44.248	+10.38	+ 49.7	12 0 25.35	− 1.54	− 0 59 5.4	+10.1
46	10 Virginis..............	9	5 4.59	+ 0.55	−14.37	36 25 54.80	42.395	+10.38	+ 44.0	12 4 50.77	− 1.52	+ 2 25 42.3	+ 9.4
47	B. D.− 3°3249........	9	7 37.27	+ 0.51	−14.37	42 43 55.02	42.672	+10.38	+ 55.0	12 7 23.41	− 1.59	− 3 52 35.2	+10.3
48	B. D.+ 5°2602........	6	10 38.66	+ 0.56	−14.37	33 47 54.70	44.430	+10.38	+ 39.9	12 10 24.85	− 1.52	+ 5 3 0.0	+ 8.8
49	B. D.+ 0°2920........	9	14 3.46	+ 0.53	−14.37	39 5 55.00	45.970	+10.38	+ 48.5	12 13 49.62	− 1.57	− 0 15 44.1	+ 9.5
50	B. D.− 5°3497........	9	21 50.44	+ 0.50	−14.37	44 21 54.25	43.792	+10.38	+ 58.3	12 21 36.57	− 1.65	− 5 31 3.4	+ 9.9
51	B. D.− 0°2583........	9	24 46.11	+ 0.53	−14.37	39 33 55.05	43.030	+10.38	+ 49.2	12 24 32.27	− 1.60	− 0 42 37.7	+ 9.2
52	B. D.− 4°3296........	9	27 1.04	+ 0.50	−14.37	43 21 55.60	46.065	+10.38	+ 56.3	12 26 47.17	− 1.65	− 4 31 54.6	+ 9.6
53	Moon I, N............	9	30 29.53	+ 0.53	−14.37	39 51 54.98	47.325	+10.38	+ 49.8	12 30 15.69	+69.60	− 1 2 16.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 17 14	......	....	41.8
17 33	29.63	42.5	41.2
16 10 37	29.59	37.2	35.3
11 0	......	....	35.0
11 33	[illegible]	36.0	35.0
12 25	......	....	36.0
12 52	29.60	36.8	36.7
17 9 48	29.84	40.5	40.9
10 22	29.84	40.0	39.9
10 51	29.84	39.3	38.3
11 42	29.84	37.7	37.2
12 7	......	....	36.0
12 28	29.835	36.9	36.0

Micrometer bisections are made at II, VI, except as noted below.

2, 43.	Bisections at II, VII.
7, 30.	Bisections at VI, VII.
8, 12, 39.	Bisections at I, II.
9, 14.	Bisections at II, VI, VII.
25, 53.	Bisections at II, III, IV, V, VI.
26, 27, 31, 35.	Bisections at III, V.
37, 38, 41.	Bisections at I, II, VI, VII.
40.	Bisections at I, II, VI.

Notes.

26. Woolly and unsteady.

36. Clouds; faint.

37–41. These observations were made and reduced like those published in Volume II, and the results have been included with those of that volume in forming the Washington A. G. Catalogue. The adopted equator point is +38° 55″ 14″.7.

42–53. Conditions poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
25	+34 33.8	−16 35.7	...	+17 58.1
53	+39 6.3	−16 42.4	...	+22 23.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 0°2966........	9	34 48.27	+ 0.53	−14.37	38 37 55.35	43.052	+10.38	+ 47.6	12 34 34.43	− 1.61	+ 0 13 23.1	+ 8.7
2	γ Virginis (*pr.*)...........	5	37 6.09	+ 0.53	−14.37	39 45 54.58	46.145	+10.38	+ 49.6	12 36 52.25	....	− 0 55 49.1	....
3	γ Virginis (*fol.*).........	5	37 6.34	+ 0.53	−14.37	39 45 54.58	46.400	+10.38	+ 49.6	12 36 52.50	....	− 0 55 54.3	....
4	B. D.− 5°3569........	9	42 54.33	+ 0.50	−14.37	44 37 55.72	43.817	+10.38	+ 58.8	12 42 40.46	− 1.69	− 5 47 5.8	+ 9.0
5	B. D.− 6°3659........	9	45 26.89	+ 0.49	−14.37	45 57 56.22	43.588	+10.38	+1 1.6	12 45 13.01	− 1.72	− 7 7 4.0	+ 9.0
6	B. D.− 3°3373........	9	48 59.66	+ 0.51	−14.37	42 33 55.90	42.685	+10.38	+ 54.7	12 48 45.80	− 1.68	− 3 42 36.1	+ 8.5
7	δ Virginis................	7	51 4.50	+ 0.56	**−14.37**	34 55 52.62	45.320	+10.38	+ 41.7	12 50 50.69	....	+ 3 54 40.2	....
8	B. D.− 8°3456........	9	52 37.97	+ 0.48	−14.37	47 13 54.92	45.925	+10.38	+1 4.4	12 52 24.08	− 1.74	− 8 23 58.6	+ 8.8
9	B. D.− 8°3466........	9	55 48.51	+ 0.48	−14.37	47 25 54.78	44.400	+10.38	+1 4.9	12 55 34.62	− 1.75	− 8 35 24.4	+ 8.6
10	48 Virginis...............	9	59 16.18	+ 0.51	−14.37	41 59 54.42	44.585	+10.38	+ 53.7	12 59 2.32	− 1.69	− 3 9 17.0	+ 8.1
11	B. D.− 3°3406........	9	1 35.20	+ 0.51	−14.37	42 37 54.62	46.845	+10.38	+ 54.9	13 1 21.34	− 1.70	− 3 48 10.1	+ 8.0
12	B. D.− 2°3638........	9	5 4.72	+ 0.51	−14.37	41 43 54.18	43.920	+10.38	+ 53.2	13 4 50.86	− 1.70	− 2 53 1.1	+ 7.8
13	B. D.− 0°2668........	9	8 8.51	+ 0.52	−14.37	40 5 55.20	44.932	+10.38	+ 50.2	13 7 54.66	− 1.68	− 1 15 22.2	+ 7.6
14	B. D.− 6°3776........	9	12 8.67	+ 0.49	−14.37	45 15 54.92	46.565	+10.38	+1 0.2	13 11 54.79	− 1.75	− 6 26 9.3	+ 7.7
15	B. D.− 0°2678........	9	14 21.74	+ 0.53	−14.37	39 35 55.02	47.275	+10.38	+ 49.4	13 14 7.90	− 1.68	− 0 46 14.8	+ 7.3
16	B. D.− 5°3678........	9	17 50.50	+ 0.50	−14.37	44 31 56.20	46.795	+10.38	+ 58.7	13 17 36.63	− 1.74	− 5 42 14.3	+ 7.4
17	B. D.− 6°3811 (*pr.*)...	9	20 38.82	+ 0.49	−14.37	45 55 55.20	44.680	+10.38	+1 1.6	13 20 24.94	− 1.76	− 7 5 27.9	+ 7.3
18	B. D.− 0°2694........	9	24 37.82	+ 0.53	−14.37	39 43 54.60	42.500	+10.38	+ 49.6	13 24 23.98	− 1.69	− 0 52 25.5	+ 6.9
19	B. D.−11°3535........	9	27 38.16	+ 0.45	−14.37	50 59 55.08	47.145	+10.38	+1 13.7	13 27 24.24	− 1.84	−12 10 36.1	+ 7.1
20	B. D.− 4°3515........	9	30 50.33	+ 0.50	−14.37	43 45 54.25	43.398	+10.38	+ 57.2	13 30 36.46	− 1.74	− 4 54 53.5	+ 6.8
21	B. D.−14°3767........	9	34 30.13	+ 0.44	−14.37	53 33 54.50	44.450	+10.38	+1 20.8	13 34 16.20	− 1.88	−14 43 41.1	+ 6.8
22	*m* Virginis...............	9	36 53.16	+ 0.48	**−14.38**	47 3 55.55	44.810	+10.38	+1 4.2	13 36 39.27	....	− 8 13 33.8	....
23	B. D.− 3°3522........	9	38 50.34	+ 0.51	−14.37	42 37 54.05	46.075	+10.38	+ 55.0	13 38 36.48	− 1.74	− 3 47 52.0	+ 6.4
24	B. D.−11°3591........	9	41 8.22	+ 0.46	−14.37	50 47 54.60	43.400	+10.38	+1 13.2	13 40 54.31	− 1.84	−11 57 9.6	+ 6.4
25	B. D.−16°3747........	9	43 57.84	+ 0.42	−14.37	55 19 55.05	46.445	+10.38	+1 26.3	13 43 43.89	− 1.92	−16 30 32.8	+ 6.2
26	B. D.− 9°3793........	9	48 7.01	+ 0.47	−14.37	49 3 56.15	42.918	+10.38	+1 8.8	13 47 53.11	− 1.82	−10 12 55.8	+ 6.0
27	B. D.−11°3626........	9	50 22.17	+ 0.46	−14.37	50 49 55.88	43.065	+10.38	+1 13.3	13 50 8.26	− 1.85	−11 59 3.4	+ 5.9
28	B. D.−15°3781........	9	53 53.07	+ 0.43	−14.37	54 15 55.38	46.798	+10.38	+1 23.0	13 53 39.13	− 1.90	−15 26 37.9	+ 5.6
29	B. D.− 9°3832........	9	56 51.29	+ 0.47	−14.37	48 19 55.88	43.198	+10.38	+1 7.1	13 56 37.39	− 1.81	− 9 29 0.2	+ 5.6
30	B. D.− 8°3689........	9	59 35.23	+ 0.48	−14.37	47 37 55.85	46.455	+10.38	+1 5.5	13 59 21.34	− 1.80	− 8 48 13.0	+ 5.5
31	B. D.−12°3966 (*fol.*)...	9	3 12.25	+ 0.45	−14.37	51 17 54.75	46.940	+10.38	+1 14.6	14 2 58.33	− 1.85	−12 28 32.1	+ 5.2
32	B. D.−14°3893........	9	6 19.33	+ 0.44	−14.37	53 35 54.35	44.935	+10.38	+1 20.9	14 6 5.40	− 1.89	−14 45 52.2	+ 4.9
33	κ Virginis................	9	8 5.33	+ 0.47	**−14.37**	48 39 55.68	45.852	+10.38	+1 7.9	14 7 51.43	....	− 9 50 1.4	....
34	ι Virginis................	9	11 17.53	+ 0.50	**−14.37**	44 23 55.75	43.475	+10.38	+ 58.5	14 11 3.66	....	− 5 32 57.8	....
35	β Libræ...................	9	12 9.27	+ 0.48	**−14.40**	47 51 55.92	45.950	+10.65	+1 5.8	15 11 55.38	....	− 9 2 2.1	....
36	B. D.−12°4238........	9	15 10.88	+ 0.46	−14.37	51 39 55.70	47.790	+10.66	+1 15.3	15 14 56.97	− 1.77	−12 50 53.4	+ 1.3
37	B. D.−11°3940........	9	18 55.03	+ 0.46	−14.37	50 51 54.88	45.282	+10.67	+1 13.1	15 18 41.12	− 1.75	−12 1 53.1	+ 1.3
38	B. D.−18°4061........	9	20 43.39	+ 0.42	−14.37	56 59 55.88	47.218	+10.68	+1 31.6	15 20 29.44	− 1.84	−18 10 56.9	+ 0.3
39	32 Libræ...................	4	23 9.60	+ 0.44	**−14.40**	55 11 55.40	48.080	+10.69	+1 25.6	15 22 55.67	....	−16 23 10.3	....
40	B. D.−16°4110........	9	27 48.79	+ 0.43	−14.37	55 21 54.88	44.760	+10.70	+1 26.0	15 27 34.85	− 1.80	−16 31 53.8	+ 0.2
41	C. P. D.−24°5537......	9	32 59.39	+ 0.37	−14.37	63 9 54.28	45.230	+10.71	+1 57.2	15 32 45.39	− 1.92	−24 20 35.7	− 1.4
42	B. D.−22°3996........	9	34 1.76	+ 0.38	−14.37	61 39 56.72	44.902	+10.72	+1 50.0	15 33 47.77	− 1.89	−22 50 23.2	− 1.2
43	B. D.−20°4309........	9	38 3.83	+ 0.40	−14.37	59 37 53.12	46.808	+10.73	+1 41.3	15 37 49.86	− 1.84	−20 48 54.4	− 1.1
44	B. D.−22°4020........	9	40 23.28	+ 0.39	−14.37	61 15 56.10	47.412	+10.74	+1 48.3	15 40 9.30	− 1.86	−22 27 18.2	− 1.6
45	B. D.−21°4197........	8	44 38.82	+ 0.40	−14.37	60 1 55.10	44.350	+10.75	+1 42.9	15 44 24.85	− 1.82	−21 12 1.9	− 1.6
46	λ Libræ...................	9	48 4.81	+ 0.41	−14.37	58 41 52.98	47.218	+10.76	+1 37.7	15 47 50.85	....	−19 53 0.4	....
47	B. D.−22°4046........	9	49 20.66	+ 0.39	−14.37	61 17 55.52	46.905	+10.76	+1 48.4	15 49 6.68	− 1.83	−22 29 6.2	− 2.1
48	B. D.−15°4221........	9	51 57.93	+ 0.44	−14.37	54 35 54.52	43.825	+10.77	+1 23.6	15 51 44.00	− 1.72	−15 45 30.1	− 1.0
49	C. P. D.−23°6292......	9	54 7.78	+ 0.38	−14.37	62 43 54.50	47.520	+10.77	+1 55.1	15 53 53.79	− 1.84	−23 55 25.9	− 2.6
50	C. P. D.−25°5726......	9	57 51.90	+ 0.36	−14.37	64 25 54.30	43.435	+10.78	+2 3.9	15 57 37.89	− 1.86	−25 36 1.2	− 3.2
51	B. D.−15°4243........	9	0 59.81	+ 0.44	−14.37	54 1 54.05	47.025	+10.79	+1 21.9	16 0 45.88	− 1.68	−15 12 41.0	− 1.3
52	B. D.−17°4494........	9	2 54.21	+ 0.42	−14.37	56 47 54.18	47.905	+10.80	+1 30.8	16 2 40.26	− 1.71	−17 59 10.2	− 1.9
53	c^1 Scorpii................	9	6 42.85	+ 0.34	−14.37	66 29 55.28	44.848	+10.81	+2 16.2	16 6 28.82	− 1.87	−27 40 46.8	− 4.2
54	B. D.−20°4444........	9	9 9.32	+ 0.40	−14.37	59 41 54.78	44.185	+10.82	+1 41.6	16 8 55.35	− 1.73	−20 51 56.6	− 2.8
55	B. D.−20°4454........	9	11 38.49	+ 0.40	−14.37	59 53 53.85	44.478	+10.82	+1 42.4	16 11 24.52	− 1.73	−21 4 3.1	− 3.0
56	ε Ophiuchi...............	9	13 33.04	+ 0.51	**−14.39**	43 17 54.98	45.580	+10.83	+ 56.0	16 13 19.18	....	− 4 27 43.1	....
57	C. P. D.−23°6363......	9	15 10.88	+ 0.38	−14.37	62 45 53.55	44.838	+10.83	+1 55.2	16 14 56.89	− 1.76	−23 56 23.9	− 3.8
58	B. D.−19°4365........	9	18 48.19	+ 0.41	−14.37	58 37 54.18	46.925	+10.84	+1 37.4	16 18 34.23	− 1.68	−19 48 54.4	− 3.1
59	B. D.−21°4360........	9	21 51.51	+ 0.39	−14.37	60 43 54.72	44.795	+10.85	+1 45.9	16 21 37.53	− 1.70	−21 54 14.8	− 3.7
60	C. P. D.−24°5703......	9	24 41.79	+ 0.37	−14.37	63 43 54.58	44.432	+10.86	+2 0.1	16 24 27.79	− 1.72	−24 54 20.5	− 4.6
61	C. P. D.−24°5706......	9	28 22.32	+ 0.37	−14.37	62 53 54.48	47.185	+10.87	+1 55.9	16 28 8.32	− 1.70	−24 5 19.2	− 4.6
62	B. D.−21°4391........	9	32 14.63	+ 0.39	−14.37	60 41 55.62	43.480	+10.88	+1 45.7	16 32 0.65	− 1.65	−21 51 45.4	− 4.2
63	B. D.−20°4537........	9	35 13.98	+ 0.41	−14.37	59 1 53.62	48.105	+10.89	+1 39.0	16 35 0.02	− 1.62	−20 13 22.5	− 4.0

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
17 12 58	......	....	36.0	2, 20, 41, 46.	Bisections at I, II.					
13 21	29.835	36.2	35.4	3, 7, 8, 40.	Bisections at VI, VII.					
13 32	......	....	35.3	4.	Bisections at II, VI, VII.					
13 46	......	....	34.9	13, 19, 35, 43, 51.	Bisections at II, VII.					
14 12	29.83	35.5	34.8	39.	Bisection at II.					
15 9	29.82	35.6	36.2							
15 36	......	....	36.9							
15 59	29.82	36.5	36.8							
16 26	......	....	36.8							

Notes.

1-63. Conditions poor.
17. Micrometer reading decreased 1 rev.
39, 40. Clouds.
45. Diffuse; unsteady.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −22°4196	9	38 13.64	+ 0.39	−14.37	61 21 54.65	47.570	+10.90	+1 48.8	16 37 59.66	− 1.64	−22 33 21.1	− 4.7
2	C. P. D. −25°5855	9	41 17.91	+ 0.36	−14.37	64 9 53.45	46.910	+10.91	+2 2.5	16 41 3.90	− 1.66	−25 21 18.5	− 5.6
3	B. D. −18°4332	9	44 31.11	+ 0.42	−14.37	56 55 52.30	44.015	+10.92	+1 31.2	16 44 17.16	− 1.54	−18 5 39.9	− 3.9
4	B. D. −17°4646	9	48 41.35	+ 0.42	−14.37	56 37 52.55	47.918	+10.93	+1 30.3	16 48 27.40	− 1.52	−17 49 8.5	− 4.0
5	C. P. D. −26°5766	9	51 19.92	+ 0.35	−14.37	65 37 53.25	43.142	+10.93	+2 10.8	16 51 5.90	− 1.64	−26 48 0.4	− 6.4
6	B. D. −18°4372	9	54 27.81	+ 0.42	−14.37	56 55 52.95	44.925	+10.94	+1 31.3	16 54 13.86	− 1.50	−18 6 1.4	− 4.3
7	C. P. D. −26°5801	9	57 25.46	+ 0.35	−14.37	65 45 53.52	47.235	+10.95	+2 11.8	16 57 11.44	− 1.61	−26 57 35.3	− 6.8
8	B. D. −20°4627	9	59 23.06	+ 0.40	−14.37	59 11 53.18	43.525	+10.96	+1 39.6	16 59 9.09	− 1.50	−20 21 38.0	− 5.1
9	B. D. −20°4661	9	5 59.54	+ 0.41	−14.37	59 7 53.48	45.370	+10.98	+1 39.4	17 5 45.58	− 1.47	−20 18 20.3	− 5.3
10	B. D. −21°4544	9	7 13.77	+ 0.40	−14.37	60 19 55.35	42.602	+10.98	+1 44.3	17 6 59.80	− 1.48	−21 29 23.8	− 5.7
11	C. P. D. −25°5980	9	10 52.37	+ 0.36	−14.37	64 1 54.70	42.998	+10.99	+2 1.8	17 10 38.36	− 1.51	−25 11 49.7	− 6.9
12	B. D. −16°4470	9	13 6.23	+ 0.44	−14.37	55 1 54.98	46.572	+11.00	+1 25.1	17 12 52.30	− 1.39	−16 12 35.0	− 4.5
13	C. P. D. −24°5873	9	16 7.35	+ 0.37	−14.37	63 37 53.15	45.062	+11.00	+1 59.8	17 15 53.35	− 1.47	−24 48 33.3	− 7.0
14	B. D. −15°4534	9	18 23.55	+ 0.44	−14.37	54 45 55.95	47.275	+11.01	+1 24.3	17 18 9.62	− 1.36	−15 56 51.3	− 4.6
15	*d* Ophiuchi	9	21 32.74	+ 0.32	−14.37	68 35 53.88	44.220	+11.02	+2 31.2	17 21 18.69	.....	−29 46 46.2	....
16	C. P. D. −26°5906	9	26 5.83	+ 0.36	−14.37	64 59 54.18	47.840	+11.03	+2 7.4	17 25 51.82	− 1.43	−26 11 45.5	− 7.8
17	B. D. −18°4586	9	31 42.22	+ 0.42	−14.37	57 45 54.52	44.128	+11.05	+1 34.3	17 31 28.27	− 1.32	−18 55 48.0	− 5.9
18	C. P. D. −29°4825	9	33 32.34	+ 0.32	−14.37	68 17 56.05	43.378	+11.05	+2 28.9	17 33 18.29	− 1.43	−29 28 26.9	− 9.1
19	β Ophiuchi	9	39 1.71	+ 0.57	**−14.35**	34 13 53.60	46.115	+11.07	+ 40.6	17 38 47.91	.....	+ 4 36 21.2	....
	April 18, Br.												
20	Sun I, S.	9	43 5.85	+ 0.57	−14.47	28 21 55.50	43.055	+11.61	+ 31.1	1 42 51.95	+65.07	+10 29 38.2	....
21	Sun II, N	9	45 15.98	+ 0.57	−14.47	27 49 57.88	43.275	+11.61	+ 30.5	1 45 2.08	−65.06	+11 1 31.3	....
	April 18, Sk.-Br.												
22	Lalande 19°433	9	50 38.49	+ 0.35	**−14.34**	57 23 54.32	44.415	+11.15	+1 32.5	9 50	.....	−18 33 52.6	....
23	μ Hydræ	9	21 44.99	+ 0.37	**−14.35**	55 11 53.85	43.419	+11.15	+1 25.3	10 21	.....	−16 21 22.2	....
24	B. D. −16°3101	9	34 31.49	+ 0.36	−14.38	55 33 54.72	46.835	+11.15	+1 26.6	10 34 17.47	− 1.38	−16 44 42.7	+16.8
25	ν Hydræ	9	45 11.63	+ 0.37	**−14.40**	54 31 53.65	45.359	+11.15	+1 23.3	10 44	.....	−15 42 4.3	....
26	b^2 Hydræ	9	49 6.13	+ 0.34	**−14.41**	58 27 54.22	44.367	+11.15	+1 36.7	10 48	.....	−19 37 55.7	....
	April 18, Br.												
27	υ Leonis	9	32 20.53	+ 0.48	**−14.47**	39 7 55.85	47.025	+11.15	+ 48.6	11 32 6.54	.....	− 0 18 9.7	....
28	ζ Crateris	9	40 12.56	+ 0.36	−14.47	56 37 52.72	49.122	+11.15	+1 30.5	11 39 58.45	.....	−17 49 36.8	....
29	298 G. Hydræ	9	44 13.16	+ 0.29	−14.47	65 1 54.75	47.255	+11.15	+2 7.7	11 43 58.98	− 1.86	−26 13 33.3	+14.5
30	Groombridge 1830	9	47 45.53	+ 0.75	−14.47	0 27 52.68	43.772	+11.15	+ 0.5	11 47 31.81	.....	+38 23 55.8	....
31	*b* Virginis	9	55 20.43	+ 0.50	−14.47	34 39 54.65	44.698	+11.15	+ 41.3	11 55 6.46	− 1.48	+ 4 10 51.7	+ 9.3
32	128 H^1. Camelopardalis	8	0 16.42	+ 4.69	−14.47	312 45 49.68	44.148	+11.15	−1 4.2	12 0 6.64	− 8.67	+86 6 54.6	− 6.5
33	γ Corvi	9	11 11.03	+ 0.37	**−14.46**	55 49 55.00	47.820	+11.15	+1 27.8	12 10 56.93	.....	−17 1 6.4	....
34	*c* Virginis	9	15 46.98	+ 0.50	−14.47	34 59 54.90	46.115	+11.15	+ 41.8	12 15 33.01	− 1.54	+ 3 50 18.6	+ 8.8
35	323 G. Hydræ	9	22 7.48	+ 0.23	−14.47	71 5 54.65	47.590	+11.15	+2 53.2	12 21 53.24	− 2.15	−32 18 26.1	+12.4
36	74 Ursæ Majoris	9	25 46.53	+ 0.98	−14.47	339 55 50.68	45.422	+11.15	− 21.7	12 25 33.04	− 1.76	+58 55 42.2	− 1.2
37	χ Virginis	9	34 36.25	+ 0.43	−14.47	46 17 55.25	47.480	+11.15	+1 2.5	12 34 22.21	− 1.70	− 7 28 33.6	+ 9.5
38	Groombridge 1922	9	40 55.35	+ 0.81	−14.47	352 53 51.68	45.208	+11.15	− 7.4	12 40 41.69	− 1.56	+45 57 31.7	+ 1.4
39	*p* Centauri	9	45 48.24	+ 0.22	−14.47	72 17 55.55	43.460	+11.15	+3 5.5	12 45 33.99	− 2.25	−33 29 5.2	+10.5
40	δ Virginis	9	51 4.61	+ 0.50	**−14.42**	34 55 53.72	45.230	+11.15	+ 41.8	12 50 50.64	.....	+ 3 54 40.0	....
41	ε Virginis	9	57 42.36	+ 0.54	**−14.44**	27 21 53.25	47.318	+11.15	+ 31.0	12 57 28.43	.....	+11 28 3.3	....
42	14 Canum Venaticorum	9	1 33.23	+ 0.72	−14.47	2 31 52.78	47.765	+11.15	+ 2.7	13 1 19.48	− 1.54	+36 18 21.7	+ 3.3
43	Groombridge 2006	4	4 13.28	+ 9.05	−14.47	310 43 49.02	42.397	+11.15	−1 9.1	13 4 7.86	−21.11	+88 9 39.7	− 4.2
44	σ Virginis	7	13 3.96	+ 0.52	−14.47	32 51 54.38	46.908	+11.15	+ 38.7	13 12 50.01	− 1.62	+ 5 58 4.4	+ 6.8
45	69 H. Ursæ Majoris	9	25 13.47	+ 1.00	−14.47	338 25 50.30	44.312	+11.15	− 23.5	13 25 0.00	.....	+60 26 9.6	....
46	Moon I, N.	9	30 35.88	+ 0.45	−14.47	44 57 56.60	42.565	+11.15	+ 59.7	13 30 21.86	+70.07	− 6 6 39.9	....
	April 18, M.												
47	57 B. Ursæ Minoris	9	8 1.78	+ 7.13	−14.37	311 15 48.72	46.966	+11.81	−1 8.1	15 7 54.54	.....	+87 35 53.9	....
48	Mars I, C.	5	25 15.79	+ 0.40	−14.37	56 33 51.78	51.902	+11.81	+1 30.9	15 25 1.82	+ 0.54	−17 45 4.8	....
49	Mars II	5	25 16.89	+ 0.40	−14.37	... .	......	.....	. ....	15 25 2.92	− 0.56	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 16 46	29.82	36.6	36.6
17 15	......	....	36.2
17 40	29.82	36.4	36.2
18 1 45	29.83	50.8	51.8
9 45	29.96	42.2	41.0
10 23	......	....	39.9
10 51	29.98	40.1	39.5
11 32	......	....	38.2
12 8	29.985	39.0	38.1
12 28	......	....	37.9
12 46	......	....	37·4
13 13	......	....	37.1
13 34	30.01	37.1	36.9
14 58	30.00	35.8	34.7
15 23	......	....	35.2

Micrometer bisections are made at II, VI, except as noted below.

5, 6.	Bisections at II, VII.
13, 15, 22, 23, 25, 48.	Bisections at I, II, VI, VII.
20, 24, 28, 29, 39, 41, 42.	Bisections at I, II.
21, 27, 30, 44.	Bisections at VI, VII.
26.	Bisections at I, II, VI.
32.	Bisections at b_3, b_7.
36.	Bisections at IV, V.
38, 45.	Bisections at III, V.
43.	Bisections at b_6, b_8, b_9.
46.	Bisections at II, III, IV, V, VI.
47.	Bisections at b_1, b_2, b_5, b_8, b_9.
48.	Z. D. threads C used.

Notes.

1-19. Conditions very poor.

22-26. These observations were made and reduced like those published in Volume II, and the results have been included with those of that volume in forming the Washington A. G. Catalogue. The adopted equator point is + 38° 55′ 15″.2.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
20	+ 4.1	+15 56.5	...	+16 0.6
21	+ 4.1	−15 56.6	...	−15 52.5
46	+43 9.8	−16 43.7	...	+26 26.1
48	+ 12.0	.. ....	0.0	+ 12.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	κ Serpentis	9	44 42.96	+ 0.62	−14.37	20 25 51.72	42.662	+11.81	+ 22.4	15 44 29.21	.....	+18 25 59.4	....
2	ρ Scorpii	9	51 17.05	+ 0.31	−14.37	67 45 53.92	42.893	+11.81	+2 26.4	15 51 2.99	− 1.98	−28 56 12.0	− 3.4
3	δ Scorpii	9	54 58.72	+ 0.37	−14.37	61 9 53.28	46.883	+11.81	+1 49.1	15 54 44.72	.....	−22 21 5.3	....
4	β¹ Scorpii	9	0 10.48	+ 0.39	**−14.43**	58 21 50.75	46.598	+11.81	+1 37.6	15 59 56.50	.....	−19 32 44.7	....
5	c¹ Scorpii	9	6 42.96	+ 0.32	−14.37	66 29 54.00	44.785	+11.81	+2 17.9	16 6 28.91	− 1.89	−27 40 46.8	− 4.1
6	δ Ophiuchi	9	9 37.42	+ 0.50	**−14.39**	42 17 52.05	43.955	+11.81	+ 54.8	16 9 23.55	.....	− 3 27 2.8	....
7	ε Ophiuchi	9	13 33.07	+ 0.49	**−14.38**	43 17 53.22	45.588	+11.81	+ 56.8	16 13 19.19	.....	− 4 27 43.3	....
8	ρ Ophiuchi (*mean*)	9	20 8.95	+ 0.36	−14.37	62 3 53.92	42.935	+11.81	+1 53.2	16 19 54.94	− 1.75	−23 13 39.7	− 3.9
9	g Herculis	9	25 46.33	+ 0.81	−14.37	356 45 50.55	45.700	+11.81	− 3.3	16 25 32.77	− 1.48	+42 5 16.8	+ 6.4
10	ζ Ophiuchi	9	32 11.06	+ 0.46	**−14.37**	49 11 53.70	47.060	+11.81	+1 9.8	16 31 57.15	.....	−10 22 30.4	....
11	ε Scorpii	9	44 16.40	+ 0.27	−14.37	72 55 52.82	43.308	+11.81	+3 14.8	16 44 2.30	.....	−34 7 8.8	....
12	24 Ophiuchi	9	51 19.77	+ 0.37	−14.37	61 49 53.38	43.645	+11.81	+1 52.5	16 51 5.77	− 1.60	−22 59 54.7	− 5.4
13	ε Ursæ Minoris	9	55 57.39	+ 2.57	−14.37	316 39 50.40	47.382	+11.81	− 56.7	16 55 45.59	.....	+82 11 31.8	....
14	η Ophiuchi	9	5 11.19	+ 0.43	**−14.44**	54 25 54.65	46.155	+11.81	+1 24.4	17 4 57.25	.....	−15 36 25.3	....
15	α Herculis	9	10 33.90	+ 0.62	**−14.32**	24 21 51.70	42.850	+11.81	+ 27.4	17 10 20.15	.....	+14 29 50.1	....
16	u Herculis	9	14 3.79	+ 0.74	−14.37	5 39 51.80	43.380	+11.81	+ 6.0	17 13 50.16	− 1.27	+33 11 59.3	+ 6.3
17	σ Ophiuchi	9	22 3.07	+ 0.56	**−14.33**	34 37 50.50	43.665	+11.81	+ 41.8	17 21 49.26	.....	+ 4 13 18.3	....
	April 19, M.												
18	Sun I, S.	9	46 48.32	+ 0.57	−14.37	27 59 56.08	45.988	+11.78	+ 30.7	1 46 34.52	+65.20	+10 50 30.8	....
19	Sun II, N.	9	48 58.72	+ 0.57	−14.37	27 27 55.82	46.342	+11.78	+ 30.0	1 48 44.92	−65.20	+11 22 23.6	....
	April 19, Ei.-M.												
20	β Virginis	9	46 0.25	+ 0.47	**−14.41**	36 31 51.18	47.548	+ 9.78	+ 43.1	11 45 46.33	.....	+ 2 17 49.7	....
21	B. D. + 0°2880	9	57 20.72	+ 0.46	−14.39	38 11 51.68	47.680	+ 9.78	+ 45.8	11 57 6.79	− 1.51	+ 0 37 43.5	+ 9.9
22	o Virginis	9	0 37.58	+ 0.52	**−14.42**	29 35 51.62	43.630	+ 9.78	+ 33.1	11 59 23.71	.....	+ 9 15 28.7	....
23	B. D. + 6°2559	9	5 28.33	+ 0.50	−14.39	32 29 51.08	47.508	+ 9.78	+ 37.1	12 5 14.44	− 1.48	+ 6 19 56.7	+ 8.6
24	B. D. − 1°2639	9	12 7.43	+ 0.44	−14.39	41 3 51.22	43.765	+ 9.78	+ 50.7	12 11 53.48	− 1.58	− 2 12 51.5	+ 9.8
25	η Virginis	9	15 18.22	+ 0.45	**−14.34**	38 57 50.60	48.305	+ 9.78	+ 47.1	12 15 4.28	.....	− 0 8 31.1	....
26	B. D. − 4°3268	9	18 37.78	+ 0.42	−14.39	43 17 51.75	43.970	+ 9.78	+ 54.8	12 18 23.81	− 1.62	− 4 27 0.8	+ 9.9
27	B. D. − 2°3519	9	22 22.80	+ 0.43	−14.39	41 51 49.75	42.950	+ 9.78	+ 52.1	12 22 8.84	− 1.62	− 3 0 32.8	+ 9.5
28	B. D. − 6°3583	9	25 27.48	+ 0.41	−14.39	45 17 51.90	46.735	+ 9.78	+ 58.8	12 25 13.50	− 1.66	− 6 28 8.1	+ 9.8
29	B. D. − 8°3372	9	29 8.26	+ 0.39	−14.39	47 45 52.70	45.800	+ 9.78	+1 4.1	12 28 54.26	− 1.70	− 8 55 52.9	+10.0
30	B. D. + 4°2631	9	33 29.35	+ 0.48	−14.39	35 1 50.75	46.792	+ 9.78	+ 40.8	12 33 15.44	− 1.58	+ 3 48 9.4	+ 8.1
31	B. D. − 2°3552	9	35 16.48	+ 0.44	−14.39	41 23 49.80	43.680	+ 9.78	+ 51.3	12 35 2.53	− 1.64	− 2 32 48.8	+ 8.9
32	B. D. − 3°3341	9	38 22.91	+ 0.43	−14.39	42 21 50.10	45.660	+ 9.78	+ 53.1	12 38 8.95	− 1.66	− 3 31 36.1	+ 8.9
33	B. D. −10°3546	9	40 23.62	+ 0.38	−14.39	49 19 52.50	43.280	+ 9.78	+1 7.7	12 40 9.61	− 1.75	−10 28 58.7	+ 9.6
34	B. D. −11°3366	9	43 1.81	+ 0.37	−14.39	50 53 51.18	45.240	+ 9.78	+1 11.6	12 42 47.79	− 1.78	−12 3 46.1	+ 9.6
35	B. D. − 9°3569	9	46 41.99	+ 0.38	−14.39	48 39 52.22	44.625	+ 9.78	+1 6.2	12 46 27.98	− 1.75	− 9 49 27.7	+ 9.2
36	B. D. −10°3570	9	49 37.64	+ 0.38	−14.39	49 57 48.70	46.545	+ 9.78	+1 9.3	12 49 23.63	− 1.78	−11 8 11.1	+ 9.1
37	B. D. − 1°2745	9	52 57.82	+ 0.44	−14.39	41 5 49.95	44.032	+ 9.78	+ 50.8	12 52 43.87	− 1.65	− 2 14 56.4	+ 8.2
38	B. D. −10°3592	9	56 41.41	+ 0.38	−14.39	49 29 53.68	42.830	+ 9.78	+1 8.2	12 56 27.40	− 1.78	−10 38 50.1	+ 8.7
39	B. D. + 1°2786	9	0 8.98	+ 0.46	−14.39	38 1 51.05	46.195	+ 9.78	+ 45.6	12 59 55.05	− 1.65	+ 0 48 18.2	+ 7.6
40	B. D. − 9°3628	9	3 10.90	+ 0.38	−14.39	49 3 53.42	46.265	+ 9.78	+1 7.2	13 2 56.89	− 1.79	−10 14 7.3	+ 8.4
41	B. D. + 0°3030	9	6 6.73	+ 0.45	−14.39	38 45 50.62	44.135	+ 9.78	+ 46.8	13 5 52.79	− 1.67	+ 0 5 4.5	+ 7.4
42	B. D. − 8°3514	9	10 0.93	+ 0.39	−14.39	47 53 52.62	44.352	+ 9.78	+1 4.5	13 9 46.93	− 1.78	− 9 3 20.1	+ 7.9
43	B. D. −14°3683	9	12 44.68	+ 0.34	−14.39	53 51 52.62	47.760	+ 9.78	+1 19.8	13 12 30.63	− 1.88	−15 2 53.2	+ 8.1
44	B. D. − 6°3788	9	15 53.28	+ 0.40	−14.39	45 49 53.00	44.230	+ 9.78	+1 0.0	13 15 39.29	− 1.76	− 6 50 13.2	+ 7.5
45	B. D. − 1°2815	9	19 36.87	+ 0.44	−14.39	40 27 51.70	43.638	+ 9.78	+ 49.8	13 19 22.92	− 1.70	− 1 36 48.2	+ 7.0
46	i Virginis	9	21 57.77	+ 0.37	−14.39	51 3 52.62	42.988	+ 9.78	+1 12.2	13 21 43.75	− 1.84	−12 12 56.6	+ 7.5
47	B. D. − 5°3706	9	25 43.97	+ 0.41	−14.39	44 49 52.45	43.640	+ 9.78	+ 58.0	13 25 29.99	− 1.76	− 5 58 57.2	+ 7.0
48	B. D. − 9°3711	9	28 13.56	+ 0.39	−14.39	48 29 53.05	47.842	+ 9.78	+1 6.0	13 27 59.56	− 1.81	− 9 40 41.8	+ 7.0
49	B. D. − 5°3737	9	32 56.79	+ 0.41	−14.39	44 59 53.55	46.958	+ 9.78	+ 58.4	13 32 42.81	− 1.77	− 6 10 14.5	+ 6.7
50	B. D. − 9°3737	9	34 49.22	+ 0.39	−14.39	48 27 53.62	46.118	+ 9.78	+1 5.9	13 34 35.22	− 1.82	− 9 38 2.9	+ 6.7
51	B. D. −10°3743	9	39 28.49	+ 0.38	−14.39	49 47 52.30	45.042	+ 9.78	+1 9.0	13 39 14.48	− 1.81	−10 57 40.1	+ 6.5
52	B. D. −17°3932	9	42 31.13	+ 0.33	−14.39	56 13 51.42	43.032	+ 9.78	+1 27.2	13 42 17.07	− 1.95	−17 23 11.4	+ 6.3
53	89 Virginis	9	44 58.44	+ 0.32	**−14.35**	56 29 52.08	44.560	+ 9.78	+1 28.1	13 44 44.37	.....	−17 39 47.9	....
54	B. D. −15°3756	9	48 20.46	+ 0.34	−14.39	54 21 52.85	44.960	+ 9.78	+1 21.3	13 48 6.41	− 1.92	−15 31 51.0	+ 6.0
55	B. D. − 9°3804	9	51 6.74	+ 0.39	−14.39	48 7 54.72	44.755	+ 9.78	+1 5.1	13 50 52.74	− 1.82	− 9 17 32.0	+ 5.8
56	B. D. − 6°3911	9	54 16.28	+ 0.41	−14.39	45 17 52.65	45.802	+ 9.78	+ 59.0	13 54 2.30	− 1.78	− 6 27 47.8	+ 5.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 16 4	30.015	34.5	34.1
16 29	......	....	33.9
16 48	......	....	32.8
17 25	30.025	32.8	32.1
[illegible] 1 49	30.005	52.1	54.8
11 42	29.88	50.0	49.0
12 7	......	....	48.1
12 36	29.87	48.9	47.8
13 23	29.87	47.5	46.7
13 48	......	....	46.2

Micrometer bisections are made at II, VI, except as noted below.

2, 3, 11. Bisections at I, II, VI.
13. Bisections at III, IV, V.
18, 30. Bisections at I, II.
19. Bisections at VI, VII.
23, 28, 43. Bisections at II, VII.

Notes.

23-25. Conditions poor.
36-56. Images at times poor and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
18	+ 4.1	+15 56.3	...	+16 0.4
19	+ 4.0	−15 56.4	...	−15 52.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 5°3798.	9	58 15.59	+ 0.41	−14.39	44 53 52.72	44.532	+ 9.78	+ 58.2	13 58 1.61	− 1.78	− 6 3 18.0	+ 5.5
2	B. D.− 6°3930.	9	0 28.62	+ 0.41	−14.39	45 39 52.35	44.688	+ 9.78	+ 59.7	14 0 14.64	− 1.79	− 6 49 22.7	+ 5.4
3	B. D.−17°4013.	9	3 53.68	+ 0.33	−14.39	56 7 51.80	43.145	+ 9.78	+1 26.8	14 3 39.62	− 1.95	−17 17 14.0	+ 5.0
4	κ Virginis.	9	8 5.39	+ 0.38	**−14.32**	48 39 53.12	46.032	+ 9.78	+1 6.4	14 7 51.38	. . . . .	− 9 50 0.9	. . . .
5	B. D.−15°3837.	9	10 54.58	+ 0.34	−14.39	54 27 52.48	46.615	+ 9.78	+1 21.7	14 10 40.53	− 1.92	−15 38 28.8	+ 4.6
6	B. D.−14°3918.	9	13 11.28	+ 0.35	−14.39	53 17 52.92	46.580	+ 9.78	+1 18.3	14 12 57.24	− 1.90	−14 28 25.4	+ 4.6
7	λ Virginis.	9	14 13.93	+ 0.36	**−14.37**	51 45 52.52	46.068	+ 9.78	+1 14.1	14 13 59.90	. . . . .	−12 56 8.5	. . . .
8	Moon S.	.	.. . .	. . . .	. . . . .	50 9 52.68	45.797	+ 9.78	+1 10.0	.. ..	. . . . .	−11 20 2.0	. . . .
9	Moon II, N.	9	33 54.27	+ 0.39	−14.39	49 35 53.40	46.980	+ 9.78	+1 8.7	14 33 40.26	−70.59	−10 46 22.0	. . . .
	April 19, Y.												
10	κ Serpentis.	9	44 43.07	+ 0.59	−14.37	20 26	. . . . . .	. . . . .	. . . . .	15 44 29.29	. . . . .	+18 25	. . . .
11	ρ Scorpii.	9	51 17.10	+ 0.23	−14.37	67 46	. . . . . .	. . . . .	. . . . .	15 51 2.96	− 2.00	−28 56	. . . .
12	δ Scorpii.	9	54 58.79	+ 0.30	−14.37	61 10	. . . . . .	. . . . .	. . . . .	15 54 44.72	. . . . .	−22 21	. . . .
13	β¹ Scorpii.	9	0 10.51	+ 0.32	**−14.37**	58 22	. . . . . .	. . . . .	. . . . .	15 59 56.46	. . . . .	−19 32	. . . .
14	c¹ Scorpii.	9	6 43.06	+ 0.24	−14.37	66 30	. . . . . .	. . . . .	. . . . .	16 6 28.93	− 1.91	−27 40	. . . .
15	ε Ophiuchi.	9	13 33.16	+ 0.43	**−14.39**	43 18	. . . . . .	. . . . .	. . . . .	16 13 19.22	. . . . .	− 4 27	. . . .
16	ρ Ophiuchi (*mean*).	9	20 9.02	+ 0.29	−14.37	62 4	. . . . . .	. . . . .	. . . . .	16 19 54.94	− 1.77	−23 13	. . . .
17	g Herculis.	9	25 46.44	+ 0.80	−14.37	356 45 52.52	45.668	+10.06	− 3.2	16 25 32.87	− 1.50	+42 5 17.2	+ 6.2
18	ζ Ophiuchi.	9	32 11.16	+ 0.39	**−14.38**	49 11 54.65	47.190	+10.06	+1 7.8	16 31 57.18	. . . . .	−10 22 30.6	. . . .
19	ε Scorpii.	9	44 16.58	+ 0.18	−14.37	72 55 54.30	43.638	+10.06	+3 8.8	16 44 2.39	. . . . .	−34 7 10.0	. . . .
20	24 Ophiuchi.	9	51 19.93	+ 0.29	−14.37	61 49 55.10	43.830	+10.06	+1 49.1	16 51 5.85	− 1.63	−22 59 55.4	− 5.4
21	117 G. Scorpii.	8	55 59.94	+ 0.20	−14.37	70 47 55.40	46.910	+10.06	+2 47.1	16 55 45.77	− 1.76	−32 0 3.9	− 8.0
22	η Ophiuchi.	7	5 11.28	+ 0.36	**−14.43**	54 25 53.90	46.400	+10.06	+1 21.8	17 4 57.27	. . . . .	−15 36 26.0	. . . .
23	σ Ophiuchi.	9	22 3.20	+ 0.50	**−14.37**	34 37 54.35	43.620	+10.06	+ 40.5	17 21 49.33	. . . . .	+ 4 13 18.6	. . . .
24	λ Herculis.	9	27 8.92	+ 0.65	−14.37	12 39 52.72	46.225	+10.06	+ 13.2	17 26 55.20	− 1.22	+26 10 47.9	+ 5.1
25	f Draconis.	9	32 35.61	+ 1.32	−14.37	330 39 50.60	46.265	+10.06	− 32.8	17 32 22.56	− 1.96	+68 11 35.1	+ 8.7
26	324 B. Herculis.	8	37 59.90	+ 0.81	−14.37	355 19 51.78	46.852	+10.06	− 4.7	17 37 46.34	− 1.28	+43 30 52.4	+ 7.8
27	X Sagittarii.	6	41 50.32	+ 0.24	−14.37	66 35 54.10	47.105	+10.06	+2 14.8	17 41 36.19	− 1.41	−27 47 35.0	− 8.9
28	9 G. Sagittarii.	6	50 34.94	+ 0.33	−14.37	57 35 54.32	47.612	+10.06	+1 32.2	17 50 20.90	− 1.27	−18 47 4.3	− 6.5
	April 20, Y.												
29	Sun I, S.	9	50 31.86	+ 0.48	−14.36	27 39 57.58	44.272	+10.62	+ 29.1	1 50 17.98	+65.15	+11 11 11.3	. . . .
30	Sun II, N.	9	52 42.16	+ 0.48	−14.36	27 7 55.35	44.815	+10.62	+ 28.5	1 52 28.28	−65.15	+11 43 1.6	. . . .
31	Venus I, S.	9	23 47.97	+ 0.54	−14.36	17 45 54.42	48.245	+ 9.65	+ 17.8	2 23 34.15	+ 2.08	+21 3 55.6	. . . .
	April 20, Ei.-Y.												
32	π Virginis.	9	56 15.79	+ 0.38	**−14.42**	31 41 54.80	46.175	+ 7.95	+ 34.2	11 56 1.79	. . . . .	+ 7 8 28.1	. . . .
33	B. D.− 6°3499.	9	58 15.57	+ 0.27	−14.38	45 59 54.68	45.180	+ 7.95	+ 57.3	11 58 1.46	− 1.59	− 7 9 32.1	+11.2
34	o Virginis.	9	0 37.63	+ 0.39	**−14.34**	29 35 55.70	43.622	+ 7.95	+ 31.5	12 0 23.64	. . . . .	+ 9 15 28.3	. . . .
35	B. D.− 5°3424.	9	2 38.54	+ 0.27	−14.38	45 3 55.80	47.622	+ 7.95	+ 55.6	12 2 24.43	− 1.59	− 6 14 27.3	+10.8
36	B. D.− 6°3518.	9	5 50.42	+ 0.27	−14.38	46 5 55.32	43.690	+ 7.95	+ 57.6	12 5 36.31	− 1.62	− 7 14 59.0	+10.8
37	B. D.− 4°3235.	9	9 39.08	+ 0.28	−14.38	44 1 56.22	45.688	+ 7.95	+ 53.6	12 9 24.98	− 1.60	− 5 11 41.5	+10.4
38	B. D.+ 1°2676.	9	12 22.29	+ 0.33	−14.38	37 57 55.12	45.380	+ 7.95	+ 43.3	12 12 8.24	− 1.55	+ 0 52 36.9	+ 9.3
39	B. D.− 5°3476.	9	15 46.86	+ 0.27	−14.38	44 51 54.25	46.495	+ 7.95	+ 55.2	12 15 32.75	− 1.63	− 6 1 59.6	+10.2
40	B. D.+ 6°2599.	9	17 57.73	+ 0.36	−14.38	32 59 54.60	47.715	+ 7.95	+ 36.0	12 17 43.71	− 1.52	+ 5 49 51.1	+ 8.2
41	B. D.+ 1°2689.	9	18 54.06	+ 0.33	−14.38	37 35 54.18	45.912	+ 7.95	+ 42.7	12 18 40.01	− 1.56	+ 1 14 26.3	+ 9.0
42	33 H¹. Virginis.	9	23 14.81	+ 0.29	−14.38	42 55 55.12	45.522	+ 7.95	+ 51.6	12 23 0.72	− 1.63	− 4 5 34.6	+ 9.6
43	B. D.+ 4°2622.	9	25 59.32	+ 0.35	−14.38	34 47 55.55	47.668	+ 7.95	+ 38.6	12 25 45.29	− 1.55	+ 4 1 48.9	+ 8.3
44	B. D.− 2°3533.	9	29 35.86	+ 0.30	−14.38	42 1 55.78	46.478	+ 7.95	+ 50.0	12 29 21.78	− 1.63	− 3 11 55.5	+ 9.2
45	f Virginis.	9	32 9.47	+ 0.28	−14.38	44 9 54.40	43.150	+ 7.95	+ 53.8	12 31 55.37	. . . . .	− 5 18 41.9	. . . .
46	B. D.−10°3512.	9	33 40.14	+ 0.24	−14.38	49 49 54.82	45.745	+ 7.95	+1 5.7	12 33 26.00	− 1.74	−10 59 53.5	+10.0
47	B. D.− 9°3534.	8	36 29.99	+ 0.25	−14.38	48 7 57.55	46.858	+ 7.95	+1 1.9	12 36 15.86	− 1.72	− 9 18 17.8	+ 9.6
48	B. D.+ 1°2750.	9	40 58.14	+ 0.33	−14.38	37 19 53.78	46.550	+ 7.95	+ 42.3	12 40 44.09	− 1.61	+ 1 30 12.5	+ 8.2
49	35 Virginis.	9	43 16.79	+ 0.35	**−14.37**	34 45 54.98	43.760	+ 7.95	+ 38.5	12 43 2.76	. . . . .	+ 4 5 18.8	. . . .
50	B. D.+ 3°2703.	9	47 2.31	+ 0.34	−14.38	35 15 55.10	46.590	+ 7.95	+ 39.2	12 46 48.27	− 1.60	+ 3 34 13.4	+ 7.7
51	ψ Virginis.	9	49 40.56	+ 0.25	−14.38	47 52	. . . . . .	. . . . .	. . . . .	12 49 26.43	− 1.75	− 9 1	. . . .
52	δ Virginis.	9	51 4.78	+ 0.35	**−14.44**	34 55 55.58	45.448	+ 7.95	+ 38.8	12 50 50.75	. . . . .	+ 3 54 39.4	. . . .
53	B. D.− 6°3705.	8	53 56.36	+ 0.27	−14.38	45 15 54.75	47.245	+ 7.95	+ 56.0	12 53 42.25	− 1.72	− 6 26 17.7	+ 8.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 14 16	29.86	46.9	46.0
14 35	29.855	46.8	45.6
15 40	29.835	45.6	. . . .
16 11	. . . . . .	. . . .	45.0
16 36	29.825	45.4	44.4
17 2	. . . . . .	. . . .	44.0
17 36	29.825	45.3	44.2
17 56	29.825	45.2	44.0
20 1 53	29.77	66.4	69.8
2 23	29.755	67.4	71.0
11 54	29.66	67.9	68.9
12 21	. . . . . .	. . . .	68.2
12 55	29.66	68.8	68.2

Micrometer bisections are made at II, VI, except as noted below.

5, 20, 44, 47.	Bisections at II, VII.
6, 29, 40.	Bisections at I, II.
7, 53.	Bisections at VI, VII.
8.	Bisections at I, II, III.
9.	Bisections at V, VI, VII.
21.	Bisection at VI.
22.	Bisection at II.
25, 26.	Bisections at III, V.
30.	Bisections at c_2, c_5.
31.	Bisections at I, II, VI.

Notes.

21, 22.	Clouds.
32–37.	Images unsteady and rather poor.
41.	Circle reading increased 4°.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+46 43.8	+16 38.5	− 0.3	+63 22.0
9	+46 20.5	−16 38.5	. . .	+29 42.0
29	+ 4.0	+15 55.1	. . .	+15 59.1
30	+ 4.0	−15 55.2	. . .	−15 51.2
31	+ 9.1	+ 29.2	. . .	+ 38.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 2°2614	9	56 55.11	+ 0.33	−14.38	36 47 54.80	47.715	+ 7.95	+ 41.5	12 56 41.06	− 1.64	+ 2 1 45.7	+ 7.5
2	B. D.−12°3751	9	0 51.03	+ 0.22	−14.38	51 5 52.25	48.508	+ 7.95	+1 8.7	13 0 36.87	− 1.82	−12 16 57.1	+ 8.3
3	B. D.−10°3615	8	3 44.75	+ 0.23	−14.38	50 5 55.70	44.328	+ 7.95	+1 6.3	13 3 30.60	− 1.81	−11 15 22.6	+ 8.4
4	B. D.−13°3665	9	6 37.12	+ 0.21	−14.38	52 17 57.48	44.485	+ 7.95	+1 11.7	13 6 22.95	− 1.85	−13 27 33.4	+ 8.4
5	B. D.− 9°3646	8	10 2.16	+ 0.24	−14.38	48 41 48.48	46.835	+ 7.95	+1 3.1	13 9 48.02	− 1.80	− 9 52 9.2	+ 8.0
6	B. D.− 9°3654	9	12 44.46	+ 0.24	−14.38	48 53 56.12	43.252	+ 7.95	+1 3.5	13 12 30.32	− 1.80	−10 2 55.6	+ 7.9
7	B. D.− 2°3671	9	16 3.84	+ 0.29	−14.38	41 51 55.08	47.382	+ 7.95	+ 49.7	13 15 49.75	− 1.72	− 3 2 15.2	+ 7.2
8	B. D.− 3°3462	9	19 47.26	+ 0.28	−14.38	42 39 54.48	43.392	+ 7.95	+ 51.1	13 19 33.16	− 1.73	− 3 48 44.8	+ 7.1
9	B. D.−15°3668	9	22 39.13	+ 0.19	−14.38	54 19 55.82	42.920	+ 7.95	+1 17.2	13 22 24.94	− 1.90	−15 29 1.4	+ 7.6
10	B. D.− 3°3486	9	26 5.68	+ 0.28	−14.38	42 47 55.70	46.958	+ 7.95	+ 51.4	13 25 51.58	− 1.74	− 3 58 7.8	+ 6.9
11	B. D.− 7°3639	9	28 29.76	+ 0.25	−14.38	46 47 55.00	45.125	+ 7.95	+ 59.1	13 28 15.63	− 1.79	− 7 57 32.9	+ 7.0
12	ζ Virginis	9	30 6.88	+ 0.31	**−14.38**	38 57 53.95	43.725	+ 7.95	+ 44.9	13 29 52.81	.....	− 0 6 45.7	....
13	B. D.− 2°3714	9	33 8.11	+ 0.29	−14.38	41 35 54.60	44.715	+ 7.95	+ 49.3	13 32 54.02	− 1.73	− 2 45 13.4	+ 6.5
14	B. D.−15°3715	9	35 7.47	+ 0.19	−14.38	54 47 55.78	45.455	+ 7.95	+1 18.6	13 34 53.28	− 1.92	−15 58 0.7	+ 6.8
15	m Virginis	9	36 53.42	+ 0.25	**−14.39**	47 3 55.65	45.115	+ 7.95	+ 59.7	13 36 39.29	.....	− 8 13 34.0	....
16	83 Virginis	9	39 38.29	+ 0.19	−14.38	54 31 55.70	46.040	+ 7.95	+1 17.9	13 39 24.10	− 1.92	−15 42 13.3	+ 6.6
17	B. D.− 7°3700	9	42 37.26	+ 0.25	−14.38	46 51 55.48	45.612	+ 7.95	+ 59.3	13 42 23.13	− 1.81	− 8 1 44.8	+ 6.3
18	B. D.−10°3768	9	46 1.72	+ 0.23	−14.38	49 43 55.70	44.400	+ 7.95	+1 5.6	13 45 47.57	− 1.85	−10 53 23.5	+ 6.1
19	B. D.− 2°3752	8	48 32.55	+ 0.29	−14.38	41 55 53.95	42.775	+ 7.95	+ 49.9	13 48 18.46	− 1.75	− 3 4 28.7	+ 5.9
20	B. D.−10°3790	9	52 57.11	+ 0.23	−14.38	49 17 57.28	45.392	+ 7.95	+1 4.6	13 52 42.96	− 1.85	−10 27 46.8	+ 5.8
21	B. D.− 4°3597	9	54 45.57	+ 0.27	−14.38	43 47 56.00	45.345	+ 7.95	+ 53.3	13 54 31.46	− 1.77	− 4 57 33.2	+ 5.6
22	B. D.−10°3810	9	58 38.96	+ 0.23	−14.38	49 21 55.12	42.718	+ 7.95	+1 4.7	13 58 24.81	− 1.85	−10 30 43.6	+ 5.5
23	94 Virginis	9	1 31.82	+ 0.25	−14.38	47 15 55.55	47.360	+ 7.95	+1 0.2	14 1 17.69	.....	− 8 26 25.7	....
24	B. D.−18°3757	9	4 1.62	+ 0.16	−14.38	57 37 55.22	44.352	+ 7.95	+1 27.5	14 3 47.40	− 1.99	−18 47 43.8	+ 6.0
25	B. D.−13°3845	9	8 17.53	+ 0.20	−14.38	52 15 55.90	42.980	+ 7.95	+1 11.8	14 8 3.35	− 1.89	−13 24 57.4	+ 4.9
26	ι Virginis	9	11 17.81	+ 0.26	**−14.38**	44 23 56.70	43.720	+ 7.95	+ 54.4	14 11 3.69	.....	− 5 32 57.9	....
27	B. D.− 7°3813	9	13 12.97	+ 0.25	−14.38	46 21 52.28	45.730	+ 7.95	+ 58.3	14 12 58.84	− 1.81	− 7 31 43.2	+ 4.8
28	B. D.− 9°3915	9	16 43.99	+ 0.23	−14.38	48 45 55.92	46.780	+ 7.95	+1 3.4	14 16 29.84	− 1.84	− 9 56 16.0	+ 4.5
29	B. D.−11°3736 (*mean*)	9	19 50.36	+ 0.22	−14.38	50 3 51.62	47.210	+ 7.95	+1 6.4	14 19 36.20	− 1.86	−11 14 24.5	+ 4.3
30	B. D.− 8°3781	9	23 22.84	+ 0.24	−14.38	47 9 55.75	46.190	+ 7.95	+1 0.0	14 23 8.70	− 1.82	− 8 19 58.9	+ 4.3
31	B. D.−12°4074	9	26 53.39	+ 0.21	−14.38	51 35 55.18	46.805	+ 7.95	+1 10.2	14 26 39.22	− 1.88	−12 46 22.6	+ 3.9
32	B. D.−21°3933	9	31 0.48	+ 0.12	−14.38	60 35 56.35	44.142	+ 7.95	+1 38.5	14 30 46.22	− 2.04	−21 45 51.2	+ 3.1
33	B. D.−13°3944	9	35 36.24	+ 0.20	−14.38	52 27 55.05	46.760	+ 7.95	+1 12.4	14 35 22.06	− 1.88	−13 38 23.6	+ 3.4
34	μ Virginis	9	38 19.03	+ 0.26	**−14.34**	44 5 55.70	43.408	+ 7.95	+ 53.9	14 38 4.91	.....	− 5 14 49.2	....
35	109 Virginis	9	41 42.47	+ 0.32	**−14.36**	36 33 54.48	43.182	+ 7.95	+ 41.3	14 41 28.41	.....	+ 2 17 29.8	....
36	Moon II, S.	5	35 36.41	+ 0.19	−14.38	54 1 52.25	45.573	+ 7.95	+1 16.8	15 35 22.22	−70.95	−15 12 0.7	....
37	Moon N	.	.. ..	....	.....	53 27 55.02	47.673	+ 7.95	+1 15.2	.. ..	.....	−14 38 44.7	....
	April 20, Br.												
38	*N* Scorpii	9	25 26.89	− 0.03	−14.48	73 17 55.62	45.468	+ 8.09	+3 4.7	16 25 12.38	− 2.01	−34 29 47.0	− 6.7
39	ζ Ophiuchi	9	32 11.44	+ 0.21	**−14.46**	49 11 54.12	47.435	+ 8.09	+1 4.8	16 31 57.17	.....	−10 22 30.7	....
40	70 B. Ursæ Minoris	8	34 59.47	+ 1.68	−14.48	321 13 50.58	45.655	+ 8.09	− 44.8	16 34 46.67	− 3.57	+77 38 3.1	+ 5.9
41	9 Camelopardalis s. p.	9	44 49.62	− 0.26	−14.48	285 5 49.00	44.768	+ 8.09	−3 23.2	4 44 34.88	.....	+66 10 56.5	....
42	ι Ophiuchi	9	49 46.24	+ 0.35	−14.48	28 31 52.75	44.448	+ 8.09	+ 30.5	16 49 32.11	− 1.38	+10 19 13.2	+ 2.1
43	η Ophiuchi	9	5 11.58	+ 0.17	**−14.52**	54 25 53.50	46.640	+ 8.09	+1 18.3	17 4 57.27	.....	−15 36 25.6	....
44	ζ Draconis	9	8 46.10	+ 1.00	−14.48	333 1 47.90	45.785	+ 8.09	− 28.4	17 8 32.62	.....	+65 49 46.3	....
45	*u* Herculis	9	14 4.19	+ 0.52	−14.48	5 39 51.35	43.540	+ 8.09	+ 5.6	17 13 50.23	− 1.32	+33 12 0.4	+ 5.9
46	σ Ophiuchi	9	22 3.49	+ 0.31	**−14.45**	34 37 53.45	43.825	+ 8.09	+ 38.7	17 21 49.32	.....	+ 4 13 18.6	....
47	λ Herculis	9	27 9.20	+ 0.47	−14.48	12 39 50.92	46.415	+ 8.09	+ 12.7	17 26 55.19	− 1.25	+26 10 47.8	+ 4.9
48	β Ophiuchi	9	39 2.14	+ 0.32	**−14.46**	34 13 53.15	46.365	+ 8.09	+ 38.2	17 38 47.98	.....	+ 4 36 21.6	....
49	γ Ophiuchi	9	43 23.09	+ 0.30	−14.48	36 5 52.28	45.830	+ 8.09	+ 41.0	17 43 8.91	− 1.20	+ 2 44 31.6	− 0.3
50	168 H¹. Herculis	9	49 14.31	+ 0.58	−14.48	358 51 51.88	43.792	+ 8.09	− 1.1	17 49 0.41	− 1.23	+40 0 0.6	+ 7.3
51	ξ Herculis	9	54 19.55	+ 0.49	−14.48	9 35 51.90	45.100	+ 8.09	+ 9.6	17 54 5.56	− 1.16	+29 15 20.0	+ 5.7
52	72 Ophiuchi	9	3 5.99	+ 0.35	**−14.48**	29 17 53.80	45.085	+ 8.09	+ 31.6	18 2 51.86	.....	+ 9 32 56.2	....
53	24 Ursæ Minoris	5	6 15.00	+ 5.84	−14.48	311 51 47.10	47.888	+ 8.09	−1 2.4	18 6 6.36	− 9.82	+86 59 32.8	+ 8.4
54	36 Draconis	9	13 36.08	+ 0.96	−14.47	334 29 49.60	45.770	+ 8.09	− 26.7	18 13 22.57	− 1.57	+64 21 43.3	+ 9.7
55	446 B. Herculis	9	18 25.99	+ 0.44	−14.47	15 37 53.55	42.772	+ 8.09	+ 15.8	18 18 11.96	− 1.04	+23 14 5.4	+ 4.6
56	φ Draconis	9	22 22.43	+ 1.21	−14.47	327 33 51.35	47.795	+ 8.09	− 35.6	18 22 9.17	− 1.87	+71 17 4.1	+ 9.9
	April 21, Br.												
57	Sun I, N.	9	54 15.64	+ 0.35	−14.46	26 47 54.45	43.655	+ 8.51	+ 27.4	1 54 1.53	+65.29	+12 3 32.3	....
58	Sun II, S.	9	56 26.22	+ 0.35	−14.46	27 19 54.88	43.255	+ 8.51	+ 28.0	1 56 12.11	−65.29	+11 31 40.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 13 18	......	....	68.0
13 43	29.66	68.0	67.0
14 15	......	....	66.8
14 43	29.655	67.1	66.0
15 36	29.625	65.2	64.7
16 25	......	....	62.8
16 43	29.62	63.4	....
17 27	29.63	62.9	62.0
18 2	......	....	61.1
18 26	[illegible]	61.7	60.5
21 1 56	29.56	74.8	78.0

Micrometer bisections are made at II, VI, except as noted below.

5, 19, 45, 48, 58.	Bisections at VI, VII.
7, 9, 24, 25, 30.	Bisections at II, VII.
36.	Bisections at I, II, III.
37.	Bisections at V, VI, VII.
40.	Bisections at b_3, b_7.
41, 44, 50, 54, 56.	Bisections at III, V.
43, 52, 57.	Bisections at I, II.
53.	Bisections at IV, V.

Notes.

5.	Poor.
38–41.	Woolly and unsteady.
38–46.	Conditions rather poor.
49.	Faint.
54.	Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
36	+48 47.0	+16 27.7	...	+65 14.7
37	+48 26.1	−16 27.7	+0.3	+31 58.7
57	+ 3.9	−15 55.9	...	−15 52.0
58	+ 4.0	+15 55.9	...	+15 59.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	April 22, M.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N	9	57 59.36	+ 0.43	−14.35	26 25 55.20	48.022	+ 8.95	+ 29.0	1 57 45.44	+65.36	+12 23 49.7	....
2	Sun II, S	9	0 10.08	+ 0.43	−14.35	26 57 55.45	47.618	+ 8.95	+ 29.7	1 59 56.16	−65.36	+11 51 58.0	....
3	χ Leonis	9	0 22.21	+ 0.40	**−14.32**	30 59 52.85	45.325	+ 9.12	+ 35.0	11 0 8.27	.....	+ 7 50 47.5	....
4	β Crateris	9	7 14.86	+ 0.15	−14.34	61 7 53.22	46.195	+ 9.12	+1 45.5	11 7 0.67	.....	−22 18 43.2	....
5	ο Cephei s. p.	9	14 57.23	− 0.39	−14.34	286 29 49.95	45.257	+ 9.12	−3 13.3	23 14 42.50	.....	+67 35 19.6	....
6	83 Leonis	9	22 12.07	+ 0.37	−14.34	35 17 53.02	48.015	+ 9.12	+ 41.3	11 21 58.10	.....	+ 3 31 39.6	....
7	39 H. Cephei s. p.	9	27 59.44	− 5.51	−14.34	305 39 52.18	44.255	+ 9.12	−1 20.9	23 27 39.59	.....	+86 46 51.0	....
8	ο Hydræ	9	35 45.84	+ 0.02	−14.34	73 1 54.58	44.215	+ 9.12	+3 9.6	11 35 31.52	− 1.99	−34 13 23.3	+16.6
9	β Leonis	9	44 28.18	+ 0.46	**−14.37**	23 43 51.65	47.720	+ 9.12	+ 25.8	11 44 14.30	.....	+15 6 3.2	....
10	π Virginis	9	56 15.74	+ 0.40	**−14.40**	31 41 52.20	46.110	+ 9.12	+ 36.2	11 56 1.80	.....	+ 7 8 29.1	....
11	ο Virginis	8	0 37.56	+ 0.42	**−14.31**	29 35 53.38	43.560	+ 9.12	+ 33.3	12 0 23.64	.....	+ 9 15 29.0	....
12	ε Corvi	8	5 30.36	+ 0.17	−14.34	60 55 52.35	43.608	+ 9.12	+1 45.1	12 5 16.19	.....	−22 5 42.8	....
13	6 B. Ursæ Minoris	9	14 45.14	+11.28	−14.34	310 39 51.02	42.214	+ 9.12	−1 7.9	12 14 42.08	.....	+88 13 42.5	....
14	δ Corvi	9	25 12.74	+ 0.23	**−14.30**	54 49 53.65	43.695	+ 9.12	+1 23.1	12 24 58.63	.....	−15 59 24.0	....
15	β Corvi	9	29 39.86	+ 0.17	−14.34	61 41 52.70	45.500	+ 9.12	+1 48.6	12 29 25.69	.....	−22 52 29.8	....
	April 22, Ei.-M.												
16	ρ Virginis	9	37 20.05	+ 0.44	**−14.34**	28 5 54.05	43.808	+ 9.12	+ 31.3	12 37 6.14	.....	+10 45 24.7	....
17	35 Virginis	9	43 16.76	+ 0.39	**−14.38**	34 45 52.92	43.632	+ 9.12	+ 40.7	12 43 2.80	.....	+ 4 5 20.5	....
18	ψ Virginis	9	49 40.48	+ 0.30	−14.35	47 51 53.58	44.885	+ 9.12	+1 4.8	12 49 26.43	− 1.75	− [illegible] 1 33.2	+ 9.0
19	δ Virginis	9	51 4.62	+ 0.39	**−14.32**	34 55 51.28	45.440	+ 9.12	+ 41.0	12 50 50.66	.....	+ 3 54 40.5	....
20	θ Virginis	9	5 17.55	+ 0.34	**−14.35**	43 51 52.52	46.658	+ 9.12	+ 56.4	13 5 3.54	.....	− 5 2 4.0	....
21	ι Virginis	9	11 17.75	+ 0.34	**−14.39**	44 23 58.22	43.435	+ 9.49	+ 57.4	14 11 3.74	.....	− 5 32 57.4	....
22	B. D. − 6°3972	9	15 9.46	+ 0.33	−14.35	45 7 54.98	47.928	+ 9.50	+ 59.0	14 14 55.44	− 1.81	− 6 18 38.4	+ 4.7
23	B. D. −12°4037	9	18 56.43	+ 0.28	−14.35	51 19 53.22	47.458	+ 9.52	+1 13.3	14 18 42.36	− 1.89	−12 30 40.2	+ 4.4
24	B. D. −14°3959	9	22 26.94	+ 0.27	−14.35	53 13 52.62	47.385	+ 9.53	+1 18.5	14 22 12.86	− 1.92	−14 24 43.2	+ 4.2
25	B. D. −20°4043	9	25 47.26	+ 0.22	−14.35	59 7 51.72	44.240	+ 9.54	+1 38.0	14 25 33.13	− 2.03	−20 17 49.6	+ 3.7
26	B. D. −18°3853	8	29 6.47	+ 0.23	−14.35	57 55 53.02	45.288	+ 9.56	+1 33.5	14 28 52.35	− 2.01	−19 6 10.6	+ 3.5
27	B. D. −17°4138	9	34 21.96	+ 0.24	−14.35	56 17 53.05	46.895	+ 9.58	+1 27.9	14 34 7.85	− 1.97	−17 28 41.8	+ 3.3
28	B. D. −11°3789	9	37 8.84	+ 0.30	−14.35	50 39 54.30	45.190	+ 9.59	+1 11.6	14 36 54.79	− 1.88	−11 49 48.1	+ 3.4
29	μ Virginis	9	38 18.97	+ 0.34	**−14.34**	44 5 54.85	43.220	+ 9.59	+ 56.8	14 38 4.96	.....	− 5 14 48.6	....
30	B. D. −14°4023	9	40 59.29	+ 0.26	−14.35	53 53 53.10	44.432	+ 9.60	+1 20.4	14 40 45.20	− 1.93	−15 3 38.1	+ 3.0
31	B. D. − 8°3841	9	44 56.97	+ 0.32	−14.35	47 37 54.08	47.545	+ 9.62	+1 4.4	14 44 42.94	− 1.83	− 8 48 34.0	+ 3.2
32	B. D. −12°4156	9	47 59.91	+ 0.29	−14.35	51 5 53.20	43.865	+ 9.63	+1 12.7	14 47 45.85	− 1.88	−12 15 17.6	+ 2.8
33	B. D. −13°4015	9	50 56.03	+ 0.28	−14.35	52 19 54.12	48.192	+ 9.64	+1 16.1	14 50 41.96	− 1.89	−13 31 0.8	+ 2.6
34	B. D. −10°3994	9	53 20.28	+ 0.30	−14.35	49 35 53.05	47.140	+ 9.65	+1 9.1	14 53 6.23	− 1.85	−10 46 28.7	+ 2.7
35	B. D. −18°3945	9	55 16.87	+ 0.23	−14.35	57 3 51.25	47.712	+ 9.66	+1 30.7	14 55 2.75	− 1.97	−18 15 1.6	+ 2.0
36	B. D. −14°4102	9	59 8.37	+ 0.26	−14.35	53 55 52.92	43.918	+ 9.68	+1 20.6	14 58 54.28	− 1.91	−15 5 26.5	+ 2.0
37	B. D. −12°4198	9	1 37.44	+ 0.28	−14.35	51 21 53.65	46.652	+ 9.69	+1 13.6	15 1 23.37	− 1.86	−12 32 22.7	+ 2.1
38	B. D. −17°4263	9	5 5.68	+ 0.24	−14.35	56 31 52.58	44.355	+ 9.70	+1 28.9	15 4 51.57	− 1.94	−17 41 44.4	+ 1.4
39	B. D. −19°4055	9	8 10.43	+ 0.22	−14.35	58 5 52.48	48.610	+ 9.71	+1 34.4	15 7 56.30	− 1.97	−19 17 27.1	+ 1.1
40	B. D. −12°4227	9	11 50.64	+ 0.28	−14.35	51 31 54.38	43.975	+ 9.73	+1 14.0	15 11 36.57	− 1.85	−12 41 22.7	+ 1.5
41	C. P. D. −25°5606	9	15 19.22	+ 0.16	−14.35	64 27 53.88	45.008	+ 9.74	+2 2.8	15 15 5.03	− 2.08	−25 38 34.6	− 0.2
42	B. D. −20°4224	9	18 57.64	+ 0.21	−14.35	59 19 53.12	45.495	+ 9.76	+1 39.1	15 18 43.50	− 1.97	−20 30 21.3	+ 0.2
43	B. D. −20°4233	9	20 51.57	+ 0.21	−14.35	59 51 52.08	46.662	+ 9.76	+1 41.3	15 20 37.43	− 1.98	−21 2 49.0	+ 0.1
44	B. D. −19°4128	9	26 31.40	+ 0.22	−14.35	58 39 52.92	45.828	+ 9.79	+1 36.6	15 26 17.27	− 1.94	−19 50 26.5	− 0.1
45	B. D. −22°3975	9	27 56.39	+ 0.19	−14.35	61 57 52.45	45.795	+ 9.79	+1 50.3	15 27 42.23	− 2.00	−23 8 38.6	− 0.7
46	γ Libræ	9	30 28.55	+ 0.27	**−14.33**	53 17 54.15	46.480	+ 9.80	+1 19.0	15 30 14.47	.....	−14 28 24.8	....
47	B. D. −20°4285	9	33 0.88	+ 0.21	−14.35	59 31 53.38	44.995	+ 9.81	+1 39.9	15 32 46.74	− 1.94	−20 42 11.0	− 0.6
48	C. P. D. −23°6241	8	34 55.93	+ 0.18	−14.35	62 19 52.82	45.542	+ 9.82	+1 52.1	15 34 41.76	− 1.99	−23 30 35.1	− 1.2
49	B. D. −17°4431	9	44 42.02	+ 0.24	−14.35	56 25 51.05	47.040	+ 9.86	+1 28.7	15 44 27.91	− 1.86	−17 36 44.2	− 0.8
50	C. P. D. −24°5582	9	48 10.53	+ 0.17	−14.35	63 51 52.98	45.270	+ 9.87	+1 59.7	15 47 56.35	− 1.98	−25 2 36.7	− 2.2
51	B. D. −18°4195	9	49 46.81	+ 0.23	−14.35	57 55 52.58	45.265	+ 9.88	+1 33.9	15 49 32.69	− 1.87	−19 6 10.4	− 1.4
52	B. D. −20°4364	9	52 23.27	+ 0.21	−14.35	59 31 52.98	45.772	+ 9.89	+1 40.0	15 52 9.13	− 1.89	−20 42 28.5	− 1.8
53	δ Scorpii	9	54 58.94	+ 0.19	−14.35	61 9 52.08	47.105	+ 9.90	+1 46.8	15 54 44.78	.....	−22 21 4.9	....
54	C. P. D. −24°5639	9	58 28.36	+ 0.17	−14.35	63 17 53.55	43.310	+ 9.91	+1 56.8	15 58 14.18	− 1.94	−24 27 49.6	− 2.8
55	B. D. −20°4405	9	1 30.90	+ 0.22	−14.35	59 13 53.08	46.480	+ 9.93	+1 38.8	16 1 16.77	− 1.86	−20 24 43.6	− 2.2
56	C. P. D. −23°6332	9	3 19.19	+ 0.18	−14.35	62 15 52.75	43.730	+ 9.93	+1 51.7	16 3 5.02	− 1.90	−23 25 53.4	− 2.9
57	ν Scorpii (*mean*)	9	6 44.28	+ 0.22	**−14.37**	58 1 53.30	46.940	+ 9.94	+1 34.3	16 6 30.15	.....	−19 12 49.9	....
58	ε Ophiuchi	9	13 33.26	+ 0.35	**−14.35**	43 17 53.12	45.668	+ 9.97	+ 55.6	16 13 19.26	.....	− 4 27 42.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 2 0	30.00	51.7	49.8
10 57	30.05	50.8	50.4
11 19	....	....	49.9
11 52	30.05	49.4	47.9
12 40	....	....	47.1
13 7	30.065	47.1	47.1
14 9	30.075	47.3	47.7
14 34	....	....	47.3
15 3	30.075	46.8	46.1
15 30	....	....	45.5
15 56	30.09	45.9	45.5
16 47	30.11	46.1	44.9

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at I, II, III.
2. Bisections at V, VI, VII.
4. Bisections at I, II, VI.
5. Bisections at III, IV, V.
7. Bisections at b_1, b_3, b_5, b_7, b_9.
8. Bisections at I, VI.
13. Bisections at b_1, b_2, b_5, b_8, b_9.

16, 23, 26, 43, 45, 55. Bisections at II, VII.

18, 28, 44. Bisections at I, II.

25, 31. Bisections at VI, VII.

Notes.

20, 25. Image poor.

30. Unsteady.

56–58. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 3.9	−15 55.8	...	−15 51.9
2	+ 3.9	+15 55.9	...	+15 59.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	April 23, Y.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ι Ophiuchi	9	49 46.07	+ 0.43	−14.29	28 31 55.65	44.120	+10.38	+ 32.2	16 49 32.21	− 1.44	+10 19 13.8	+ 1.7
2	157 H¹. Cephei s. p.	9	58 11.54	− 4.16	−14.29	304 41 50.78	48.243	+10.38	−1 25.0	4 57 53.09	+ 8.64	+85 50 17.9	− 4.3
3	η Ophiuchi	6	5 11.35	+ 0.24	**−14.29**	54 25 56.10	46.255	+10.38	+1 22.8	17 4 57.30	.....	−15 36 25.7	....
4	u Herculis	9	14 4.06	+ 0.62	−14.29	5 39 54.70	43.230	+10.38	+ 5.9	17 13 50.39	− 1.39	+33 12 1.0	+ 5.3
5	w Herculis	9	17 21.32	+ 0.62	−14.29	6 15 53.85	45.240	+10.38	+ 6.6	17 17 7.65	.....	+32 35 15.5	....
6	σ Ophiuchi	9	22 3.31	+ 0.39	**−14.28**	34 37 55.50	43.508	+10.38	+ 41.0	17 21 49.41	.....	+ 4 13 19.2	....
7	λ Herculis	9	27 8.97	+ 0.56	−14.29	12 39 54.32	46.100	+10.38	+ 13.4	17 26 55.24	− 1.32	+26 10 48.9	+ 4.4
8	158 Ll¹. Cephei s. p.	8	31 39.32	− 3.51	−14.29	304 1 49.35	45.368	+10.38	−1 27.2	5 31 21.52	.....	+85 9 8.8	....
9	β Ophiuchi	9	39 1.96	+ 0.40	**−14.29**	34 13 56.12	46.032	+10.38	+ 40.3	17 38 48.07	.....	+ 4 36 21.6	....
10	γ Ophiuchi	9	43 23.01	+ 0.38	−14.29	36 5 54.75	45.488	+10.38	+ 43.2	17 43 9.10	− 1.28	+ 2 44 32.7	− 0.6
11	9 G. Sagittarii	9	50 35.15	+ 0.21	−14.29	57 35 55.75	47.480	+10.38	+1 33.3	17 50 21.07	− 1.38	−18 47 4.1	− 6.7
12	ξ Herculis	9	54 19.38	+ 0.58	−14.29	9 35 53.80	44.845	+10.38	+ 10.1	17 54 5.67	− 1.23	+29 15 21.1	+ 5.2
13	72 Ophiuchi	9	3 5.79	+ 0.43	**−14.28**	29 17 56.28	44.768	+10.38	+ 33.3	18 2 51.93	.....	+ 9 32 57.3	....
14	24 Ursae Minoris	5	6 13.63	+ 6.84	−14.29	311 51 49.12	47.792	+10.38	−1 5.8	18 6 6.18	−10.70	+86 59 34.1	+ 7.8
15	36 Draconis	9	13 35.83	+ 1.12	−14.29	334 29 52.12	45.632	+10.38	− 28.2	18 13 22.66	− 1.70	+64 21 43.1	+ 9.1
16	446 B. Herculis	9	18 25.88	+ 0.53	−14.29	15 37 55.10	42.532	+10.38	+ 16.6	18 18 12.12	− 1.12	+23 14 6.2	+ 4.2
17	φ Draconis	8	22 22.08	+ 1.41	−14.29	327 35 50.45	42.540	+10.38	− 37.5	18 22 9.20	− 2.04	+71 17 4.8	+ 9.4
18	3 H. Scuti	9	30 17.36	+ 0.30	**−14.31**	47 9 56.75	42.280	+10.38	+1 3.9	18 30 3.37	.....	− 8 18 36.9	....
19	Moon II, N.	9	38 29.88	+ 0.21	−14.29	58 9 54.32	45.475	+10.38	+1 35.4	18 38 15.80	−69.16	−19 20 19.0	....
	April 24, Y.												
20	Sun I, N.	9	5 29.13	+ 0.48	−14.30	25 45 56.20	47.998	+10.71	+ 27.3	2 5 15.31	+65.43	+13 3 49.2	....
21	Sun II, S.	9	7 39.99	+ 0.48	−14.30	26 17 58.02	47.442	+10.71	+ 27.9	2 7 26.17	−65.43	+12 31 59.5	....
	April 24, Ei.-Y.												
22	π Virginis	9	56 15.70	+ 0.37	**−14.34**	31 41 57.32	45.955	+ 9.10	+ 35.0	11 56 1.74	.....	+ 7 8 28.7	....
23	B. D.− 5°3416	9	0 58.64	+ 0.27	−14.33	44 9 56.85	44.375	+ 9.10	+ 55.0	12 0 44.58	− 1.56	− 5 19 14.7	+10.8
24	B. D.− 0°2540	9	5 12.33	+ 0.31	−14.33	39 19 55.95	43.452	+ 9.10	+ 46.4	12 4 58.31	− 1.52	− 0 28 44.1	+ 9.8
25	B. D.+ 1°2667	9	8 29.12	+ 0.32	−14.33	38 3 55.18	47.138	+ 9.10	+ 44.4	12 8 15.11	− 1.52	+ 0 45 54.4	+ 9.4
26	B. D.− 6°3538	9	11 44.47	+ 0.26	−14.33	45 49 56.40	47.390	+ 9.10	+ 58.3	12 11 30.40	− 1.61	− 7 0 26.4	+10.7
27	B. D.− 8°3323	9	14 42.46	+ 0.25	−14.33	47 13 56.38	44.532	+ 9.10	+1 1.2	12 14 28.38	− 1.64	− 8 23 24.0	+10.8
28	B. D.− 6°3557	9	18 31.99	+ 0.26	−14.33	45 35 56.55	47.678	+ 9.10	+ 57.9	12 18 17.92	− 1.63	− 6 46 32.8	+10.3
29	B. D.+ 0°2944	9	22 9.73	+ 0.32	−14.33	38 29 55.62	45.840	+ 9.10	+ 45.1	12 21 55.72	− 1.57	+ 0 20 22.9	+ 9.0
30	B. D.− 5°3513	9	25 24.76	+ 0.27	−14.33	44 19 57.32	46.200	+ 9.10	+ 55.4	12 25 10.70	− 1.64	− 5 29 59.3	+ 9.8
31	B. D.+ 0°2952	9	28 23.03	+ 0.32	−14.33	38 35 55.98	44.738	+ 9.10	+ 45.3	12 28 9.02	− 1.58	+ 0 14 47.6	+ 8.8
32	B. D.− 1°2699	9	32 28.80	+ 0.30	−14.33	40 37 55.30	46.398	+ 9.10	+ 48.7	12 32 14.77	− 1.62	− 1 47 53.1	+ 8.9
33	B. D.− 5°3542	9	34 52.32	+ 0.27	−14.33	44 25 57.00	43.410	+ 9.10	+ 55.6	12 34 38.26	− 1.67	− 5 34 53.4	+ 9.4
34	ρ Virginis	9	37 20.01	+ 0.40	**−14.27**	28 5 55.80	43.722	+ 9.10	+ 30.3	12 37 6.08	.....	+10 45 25.9	....
35	B. D.− 2°3567	9	39 34.31	+ 0.30	−14.33	41 9 55.40	45.320	+ 9.10	+ 49.7	12 39 20.28	− 1.64	− 2 19 29.6	+ 8.7
36	B. D.− 3°3360	9	42 56.17	+ 0.28	−14.33	42 59 57.70	46.170	+ 9.10	+ 53.0	12 42 42.12	− 1.67	− 4 9 54.6	+ 8.8
37	B. D.− 1°2731	9	45 47.03	+ 0.30	−14.33	40 9 55.62	43.062	+ 9.10	+ 48.0	12 45 33.00	− 1.64	− 1 18 36.5	+ 8.3
38	B. D.+ 2°2596	9	49 11.26	+ 0.33	−14.33	36 31 55.22	47.320	+ 9.10	+ 42.1	12 48 57.26	− 1.62	+ 2 17 52.5	+ 7.7
39	δ Virginis	9	51 4.68	+ 0.34	**−14.33**	34 55 56.25	45.302	+ 9.10	+ 39.7	12 50 50.69	.....	+ 3 54 40.0	....
40	B. D.−12°3726	9	52 53.42	+ 0.21	−14.33	51 7 56.28	45.750	+ 9.10	+1 10.5	12 52 39.30	− 1.80	−12 18 1.0	+ 9.3
41	B. D.− 2°3609	9	55 58.11	+ 0.29	−14.33	41 41 54.38	45.650	+ 9.10	+ 50.6	12 55 44.07	− 1.69	− 2 51 37.0	+ 8.1
42	B. D.− 5°3621	9	59 32.79	+ 0.26	−14.33	44 59 55.82	44.475	+ 9.10	+ 56.8	12 59 18.72	− 1.73	− 6 9 17.8	+ 8.3
43	B. D.− 1°2772	8	2 16.64	+ 0.30	−14.33	40 13 55.05	46.635	+ 9.10	+ 48.1	13 2 2.61	− 1.68	− 1 23 57.7	+ 7.7
44	θ Virginis	9	5 17.60	+ 0.27	**−14.32**	43 51 55.48	46.618	+ 9.10	+ 54.7	13 5 3.54	.....	− 5 2 4.3	....
45	B. D.− 3°3428	9	9 1.42	+ 0.28	−14.33	42 43 55.90	42.568	+ 9.10	+ 52.5	13 8 47.37	− 1.72	− 3 52 30.0	+ 7.6
46	B. D.−12°3785	9	12 13.43	+ 0.21	−14.33	51 29 55.78	44.640	+ 9.10	+1 11.5	13 11 59.31	− 1.85	−12 39 36.2	+ 8.3
47	B. D.−10°3655	9	15 36.43	+ 0.23	−14.33	49 37 57.32	47.050	+ 9.10	+1 7.0	13 15 22.33	− 1.83	−10 48 28.3	+ 8.0
48	B. D.− 4°3469	9	18 39.24	+ 0.28	−14.33	43 15 56.05	45.958	+ 9.10	+ 53.6	13 18 25.19	− 1.75	− 4 25 48.7	+ 7.3
49	B. D.− 0°2686	9	21 35.09	+ 0.31	−14.33	39 31 55.18	46.895	+ 9.10	+ 47.0	13 21 21.07	− 1.71	− 0 42 2.6	+ 6.8
50	B. D.− 6°3827	9	25 41.07	+ 0.26	−14.33	46 3 55.68	43.338	+ 9.10	+ 59.1	13 25 27.00	− 1.79	− 7 12 53.9	+ 7.2
51	B. D.−14°3739	9	28 3.05	+ 0.19	−14.33	53 41 54.78	47.100	+ 9.10	+1 17.6	13 27 48.91	− 1.91	−14 52 37.5	+ 7.5
52	B. D.− 7°3661 (*mean*)	9	32 52.38	+ 0.26	−14.33	46 13 55.62	44.580	+ 9.10	+ 59.5	13 32 38.31	− 1.81	− 7 23 22.6	+ 6.8
53	B. D.−11°3562	9	34 30.77	+ 0.22	−14.33	50 25 56.40	47.395	+ 9.10	+1 9.0	13 34 16.66	− 1.87	−11 36 37.3	+ 7.0
54	m Virginis	9	36 53.42	+ 0.25	**−14.37**	47 3 55.28	45.002	+ 9.10	+1 1.3	13 36 39.34	.....	− 8 13 33.7	....
55	B. D.− 4°3540	9	39 13.38	+ 0.27	−14.33	43 51 55.68	44.738	+ 9.10	+ 54.8	13 38 59.32	− 1.78	− 5 1 21.6	+ 6.4
56	B. D.− 8°3639	9	42 27.95	+ 0.24	−14.33	48 3 56.58	46.440	+ 9.10	+1 3.5	13 42 13.86	− 1.84	− 9 14 10.1	+ 6.4
57	B. D.−14°3806	9	44 3.18	+ 0.20	−14.33	53 5 55.10	43.515	+ 9.10	+1 15.9	13 43 49.05	− 1.92	−14 15 14.2	+ 6.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 16 41	30.145	45.8	44.0
17 25	....	....	43.2
17 47	30.140	44.7	43.8
18 27	....	....	42.9
18 41	30.135	43.9	42.8
24 2 8	30.06	63.9	66.6
11 54	29.91	60.0	62.4
12 16	....	....	62.0
12 40	29.91	59.2	60.4
13 4	....	....	60.0
13 29	29.905	57.7	58.5

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at III, IV, V.
3, 7, 10, 21.	Bisections at VI, VII.
4, 20.	Bisections at I, II.
8.	Bisections at III, IV.
14.	Bisections at b_5, b_6.
15.	Bisections at III, V.
17.	Bisections at IV, V.
19.	Bisections at II, III, IV, V, VI.
55.	Bisections at II, VII.

Notes.

1.	Woolly.
2, 16–18.	Diffuse and unsteady.
2, 8, 14.	Right ascension observed chronographically.
22–24.	Images rather unsteady and poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
19	+48 50.4	−15 43.7	...	+33 6.7
20	+ 3.8	−15 54.8	...	−15 51.0
21	+ 3.9	+15 54.8	...	+15 58.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 5°3774	9	48 11.68	+ 0.26	−14.33	44 51 55.92	44.592	+ 9.10	+ 56.8	13 47 57.61	− 1.80	− 6 1 20.5	+ 6.0
2	B. D.− 8°3667	9	51 2.13	+ 0.24	−14.33	47 55 56.60	45.445	+ 9.10	+1 3.2	13 50 48.04	− 1.85	− 9 5 47.1	+ 6.0
3	B. D.−17°3971	9	54 6.98	+ 0.16	−14.33	56 59 54.78	44.480	+ 9.10	+1 27.7	13 53 52.81	− 2.00	−18 9 47.7	+ 6.0
4	τ Virginis	9	57 4.38	+ 0.33	**−14.31**	36 49 54.90	46.600	+ 9.10	+ 42.8	13 56 50.38	.....	+ 2 0 8.3	....
5	B. D.−16°3785	9	58 9.81	+ 0.17	−14.33	55 43 56.05	46.928	+ 9.10	+1 23.7	13 57 55.65	− 1.98	−16 54 40.6	+ 5.7
6	B. D.−15°3805	9	0 19.44	+ 0.18	−14.33	54 43 55.52	42.608	+ 9.10	+1 20.6	14 0 5.29	− 1.96	−15 52 58.6	+ 5.6
7	B. D.−11°3671	9	3 39.47	+ 0.22	−14.33	50 13 54.42	42.698	+ 9.10	+1 8.6	14 3 25.36	− 1.89	−11 22 47.5	+ 5.4
8	B. D.− 9°3877	9	7 45.51	+ 0.24	−14.33	48 17 56.98	44.220	+ 9.10	+1 4.1	14 7 31.42	− 1.86	− 9 27 20.4	+ 5.1
9	B. D.−17°4046	9	10 26.01	+ 0.16	−14.33	56 35 54.10	43.970	+ 9.10	+1 26.5	14 10 11.84	− 2.00	−17 45 34.2	+ 5.0
10	B. D.− 8°3740	9	12 35.75	+ 0.24	−14.33	47 25 57.18	43.562	+ 9.10	+1 2.2	14 12 21.66	− 1.85	− 8 35 3.7	+ 4.9
11	λ Virginis	9	14 14.08	+ 0.21	**−14.33**	51 45 55.02	46.050	+ 9.10	+1 12.5	14 13 59.96	.....	−12 56 8.6	....
	April 24, Br.												
12	r Herculis	9	57 13.75	+ 0.44	−14.43	20 45 54.52	45.915	+ 9.43	+ 21.9	15 56 59.76	− 1.57	+18 4 45.1	+ 3.1
13	ω² Scorpii	9	2 6.10	+ 0.13	−14.43	59 25 55.18	46.515	+ 9.45	+1 37.2	16 1 51.80	− 1.90	−20 36 44.4	− 2.2
14	ν Scorpii (*mean*)	5	6 44.46	+ 0.14	**−14.43**	58 3 54.80	41.785	+ 9.47	+1 32.1	16 6 30.17	.....	−19 12 50.5	....
15	ε Ophiuchi	9	13 33.51	+ 0.27	**−14.48**	43 17 55.92	45.648	+ 9.50	+ 54.2	16 13 19.35	.....	− 4 27 42.5	....
16	ω Herculis	9	21 17.40	+ 0.41	−14.43	24 35 53.90	44.998	+ 9.53	+ 26.4	16 21 3.38	− 1.53	+14 15 2.1	+ 2.5
17	*N* Scorpii	9	25 26.97	− 0.03	−14.43	73 17 55.42	45.192	+ 9.54	+3 9.9	16 25 12.51	− 2.11	−34 29 47.2	− 6.3
18	ζ Ophiuchi	9	32 11.48	+ 0.22	**−14.43**	49 11 55.72	47.188	+ 9.57	+1 6.7	16 31 57.27	.....	−10 22 30.3	....
19	70 B. Ursæ Minoris	9	34 59.52	+ 1.94	−14.43	321 13 42.68	45.935	+ 9.58	− 46.0	16 34 47.03	− 3.77	+77 38 4.1	+ 4.8
20	9 Camelopardalis s. p.	9	44 49.58	− 0.38	−14.43	285 5 50.42	44.855	+ 9.62	−3 28.9	4 44 34.77	.....	+66 10 55.8	....
21	ι Ophiuchi	9	49 46.31	+ 0.38	−14.43	28 31 55.45	44.208	+ 9.64	+ 31.3	16 49 32.26	− 1.46	+10 19 13.6	+ 1.6
22	57 H¹. Camelopardalis s. p.	8	52 53.89	− 0.78	−14.43	292 49 48.42	43.682	+ 9.65	−2 15.5	4 52 38.68	+ 2.03	+73 55 40.4	− 2.1
23	157 H¹. Cephei s. p.	5	58 11.18	− 4.28	−14.43	304 41 50.42	48.175	+ 9.68	−1 22.7	4 57 52.47	+ 8.78	+85 50 17.7	− 4.1
24	η Ophiuchi	8	5 11.63	+ 0.18	**−14.49**	54 25 54.92	46.435	+ 9.70	+1 20.6	17 4 57.38	.....	−15 36 25.7	....
25	*u* Herculis	9	14 4.26	+ 0.58	−14.43	5 39 53.28	43.362	+ 9.74	+ 5.8	17 13 50.41	− 1.41	+33 12 0.1	+ 5.1
26	*w* Herculis	9	17 21.53	+ 0.57	−14.43	6 15 53.35	45.288	+ 9.75	+ 6.4	17 17 7.67	.....	+32 35 16.0	....
27	σ Ophiuchi	9	22 3.50	+ 0.34	**−14.39**	34 37 54.88	43.630	+ 9.77	+ 39.9	17 21 49.41	.....	+ 4 13 18.7	....
28	λ Herculis	9	27 9.18	+ 0.51	−14.43	12 39 54.18	46.132	+ 9.79	+ 13.0	17 26 55.26	− 1.34	+26 10 48.7	+ 4.2
29	158 H¹. Cephei s. p.	9	31 39.00	− 3.62	−14.43	304 1 50.00	45.275	+ 9.81	−1 25.0	5 31 20.95	.....	+85 9 8.6	....
30	β Ophiuchi	9	39 2.16	+ 0.34	**−14.40**	34 13 54.75	46.160	+ 9.84	+ 39.3	17 38 48.07	.....	+ 4 36 21.6	....
31	γ Ophiuchi	9	43 23.13	+ 0.33	−14.43	36 5 53.72	45.575	+ 9.86	+ 42.2	17 43 9.03	− 1.30	+ 2 44 32.7	− 0.7
32	9 G. Sagittarii	9	50 35.41	+ 0.15	−14.43	57 35 54.42	47.672	+ 9.89	+1 31.0	17 50 21.13	− 1.41	−18 47 4.6	− 6.7
33	ξ Herculis	9	54 19.56	+ 0.54	−14.43	9 35 54.60	44.832	+ 9.90	+ 9.8	17 54 5.67	− 1.26	+29 15 21.4	+ 5.0
34	72 Ophiuchi	9	3 6.02	+ 0.38	**−14.44**	29 17 55.70	44.832	+ 9.94	+ 32.5	18 2 51.97	.....	+ 9 32 57.3	....
35	24 Ursæ Minoris	6	6 14.68	+ 6.91	−14.43	311 51 49.52	47.738	+ 9.95	−1 4.2	18 6 7.16	−10.99	+86 59 33.7	+ 7.7
36	36 Draconis	9	13 36.18	+ 1.08	−14.43	334 29 51.55	45.635	+ 9.98	− 27.5	18 13 22.83	− 1.74	+64 21 43.3	+ 8.9
37	446 B. Herculis	9	18 26.07	+ 0.48	−14.43	15 37 54.32	42.635	+10.00	+ 16.2	18 18 12.12	− 1.14	+23 14 5.4	+ 4.0
38	φ Draconis	9	22 22.34	+ 1.39	−14.43	327 35 50.30	42.535	+10.02	− 36.6	18 22 9.30	− 2.10	+71 17 4.4	+ 9.2
39	84 G. Sagittarii	9	32 59.62	+ 0.10	−14.43	62 25 54.25	41.480	+10.06	+1 50.4	18 32 45.29	− 1.20	−23 35 2.5	− 9.4
40	153 H¹. Draconis	9	36 10.42	+ 1.12	−14.43	333 27 50.68	44.878	+10.07	− 28.8	18 35 57.11	− 1.65	+65 24 2.7	+ 9.6
41	6 H. Scuti	9	42 23.28	+ 0.27	−14.43	43 41 54.90	43.680	+10.10	+ 55.3	18 42 9.12	− 1.05	− 4 50 58.2	− 3.6
42	Moon II, N	9	35 51.86	+ 0.15	−14.43	57 21 54.08	44.330	+10.31	+1 30.3	19 35 37.58	−67.59	−18 31 47.4	....
	April 25, Br.												
43	Sun I, S	9	9 14.74	+ 0.34	−14.41	25 59 59.05	42.955	+10.91	+ 27.3	2 9 0.67	+65.55	+12 51 41.4	....
44	Sun II, N	9	11 25.84	+ 0.34	−14.41	25 27 58.10	43.455	+10.91	+ 26.7	2 11 11.77	−65.55	+13 23 31.5	....
45	2 Sextantis	9	33 44.94	+ 0.26	−14.39	33 45 54.78	45.950	+10.22	+ 37.5	9 33 30.81	− 0.80	+ 5 4 27.7	+12.5
46	ψ Leonis	9	38 48.46	+ 0.33	−14.39	24 23 52.58	44.598	+10.22	+ 25.5	9 38 34.40	− 0.78	+14 27 12.8	+ 9.3
47	μ Leonis	9	47 36.51	+ 0.43	**−14.41**	12 23 52.82	45.290	+10.22	+ 12.4	9 47 22.55	.....	+26 27 9.8	....
48	ν Leonis	9	53 21.86	+ 0.32	−14.39	25 55 53.88	48.402	+10.22	+ 27.4	9 53 7.79	− 0.86	+12 53 42.7	+ 9.5
49	α Leonis	9	3 33.87	+ 0.31	**−14.39**	26 23 54.85	48.335	+10.22	+ 28.0	10 3 19.79	.....	+12 25 42.6	....
50	138 B. Ursæ Majoris	9	14 37.22	+ 0.76	−14.39	344 9 52.98	45.140	+10.22	− 15.9	10 14 23.59	− 0.88	+54 41 41.4	− 3.8
51	32 H. Cephei s. p.	9	21 13.39	− 3.95	−14.39	304 29 49.60	46.413	+10.22	−1 21.4	22 20 55.05	+ 1.95	+85 37 38.4	+11.2
52	48 Leonis	8	30 5.92	+ 0.28	−14.39	31 23 53.48	46.365	+10.22	+ 34.4	10 29 51.81	− 1.06	+ 7 26 22.6	+10.6
53	39 Ursæ Majoris	9	37 58.42	+ 0.81	−14.39	341 9 52.75	44.638	+10.22	− 19.1	10 37 44.84	− 1.04	+57 41 56.3	− 4.4
54	*l* Leonis	9	44 31.08	+ 0.30	**−14.35**	27 47 55.78	45.628	+10.22	+ 29.8	10 44 16.99	.....	+11 2 41.5	....
55	46 Leonis Minoris	9	48 15.07	+ 0.50	−14.39	4 7 54.20	44.555	+10.22	+ 4.1	10 48 1.18	.....	+34 43 33.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 13 53	......	....	57.9
14 16	29.90	56.5	57.2
15 57	[illegible]	53.9	54.3
16 43	......	....	53.7
17 8	29.89	52.6	52.1
17 54	29.89	51.7	51.6
18 42	29.89	51.0	51.1
19 36	29.895	50.8	50.9
25 2 11	29.92	67.1	67.4
9 34	29.81	61.2	64.7
9 56	......	....	63.6
10 24	......	....	62.7

Micrometer bisections are made at II, VI, except as noted below.

4,18,25,28,31,32,34,39,43, 54.	Bisections at , II.
5,24,26,44.	Bisections at VI, VII.
14.	Bisection at VII.
19, 20, 29, 36, 38, 40, 50, 53.	Bisections at III, V.
22.	Bisections at b_2, b_8.
23.	Bisections at b_1, b_6.
30.	Bisections at II, VI, VII.
35.	Bisections at b_4, b_9.
42.	Bisections at II, III, IV, V, VI.
51.	Bisections at III, IV, V.

Notes.

5.	Poor.
35.	Right ascension observed chronographically.
45–55.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
42	+47 36.5	−15 28.2	...	+32. 8.3
43	+ 3.8	+15 55.0	...	+15 58.8
44	+ 3.7	−15 55.0	...	−15 51.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	χ Leonis	9	0 22.41	+ 0.28	**−14.43**	30 59 54.42	45.248	+10.22	+ 34.0	11 0 8.30	.....	+ 7 50 47.6	....
2	φ Leonis	9	12 5.54	+ 0.20	−14.39	41 57 54.35	47.028	+10.22	+ 50.8	11 11 51.35	− 1.34	− 3 8 9.8	+12.3
3	σ Leonis	9	16 29.69	+ 0.27	**−14.36**	32 17 56.58	45.042	+10.22	+ 35.7	11 16 15.57	.....	+ 6 32 48.5	....
4	e Leonis	9	25 43.24	+ 0.20	−14.39	41 19 54.15	43.955	+10.22	+ 49.7	11 25 29.05	− 1.39	− 2 28 58.2	+11.6
	April 27, Y.												
5	Sun I, S.	9	16 47.24	+ 0.35	−14.27	25 19 51.52	46.672	+10.33	+ 25.9	2 16 33.32	+65.61	+13 30 25.9	....
6	Sun II, N.	9	18 58.46	+ 0.35	−14.27	24 47 51.35	47.292	+10.33	+ 25.3	2 18 44.54	−65.61	+14 2 12.5	....
7	υ Leonis	9	32 20.51	+ 0.26	**−14.29**	39 7 56.60	47.182	+ 9.32	+ 45.4	11 32 6.51	.....	− 0 18 9.5	....
8	β Leonis	9	44 28.17	+ 0.36	**−14.30**	23 43 55.08	47.590	+ 9.36	+ 24.6	11 44 14.27	.....	+15 6 3.4	....
9	β Virginis	9	46 0.26	+ 0.28	**−14.28**	36 31 55.60	47.450	+ 9.37	+ 41.4	11 45 46.28	.....	+ 2 17 49.6	....
10	π Virginis	9	56 15.65	+ 0.31	**−14.25**	31 41 54.80	46.050	+ 9.41	+ 34.5	11 56 1.70	.....	+ 7 8 29.2	....
11	ο Virginis	9	0 37.56	+ 0.33	**−14.25**	29 35 56.78	43.445	+ 9.43	+ 31.7	12 0 23.63	.....	+ 9 15 29.6	....
12	ε Corvi	9	5 30.27	+ 0.09	−14.26	60 55 56.30	43.682	+ 9.44	+1 40.2	12 5 16.10	.....	−22 5 43.8	....
13	6 B. Ursæ Minoris	9	14 47.22	+ 8.06	−14.26	310 39 49.75	42.079	+ 9.48	−1 4.8	12 14 41.02	.....	+88 13 44.1	....
14	δ Corvi	9	25 12.79	+ 0.15	**−14.29**	54 49 54.95	43.828	+ 9.52	+1 19.2	12 24 58.68	.....	−15 59 24.9	....
15	β Corvi	9	29 39.87	+ 0.08	−14.26	61 41 56.18	45.545	+ 9.53	+1 43.6	12 29 25.69	.....	−22 52 29.7	....
16	γ Virginis (*mean*)	.	.. ....	......	.. ....	39 45 56.08	46.405	+ 9.56	+ 46.6	12 36	.....	− 0 55 52.4	....
17	35 Virginis	9	43 16.77	+ 0.29	**−14.30**	34 45 56.28	43.575	+ 9.58	+ 38.9	12 43 2.80	.....	+ 4 5 19.7	....
18	32² H. Camelopardalis	9	48 42.74	+ 2.88	−14.26	314 55 51.92	46.512	+ 9.60	− 55.8	12 48 31.36	.....	+83 55 51.3	....
19	43 H. Cephei s. P.	8	55 48.10	− 3.21	−14.26	304 37 50.70	44.012	+ 9.63	−1 20.6	0 55 30.63	.....	+85 44 45.1	....
20	44 H. Cephei s. P.	9	4 15.02	− 1.02	−14.26	298 1 49.25	48.325	+ 9.66	−1 44.3	1 3 59.74	+ 2.81	+79 9 58.4	+ 7.5
	April 27, Br.												
21	β Serpentis	9	42 3.82	+ 0.36	**−14.32**	23 8	......	....	. ....	15 41 49.80	.....	+15 43	....
22	ε Serpentis	8	46 20.59	+ 0.30	**−14.40**	34 4	......	....	. ....	15 46 6.51	.....	+ 4 45	....
23	B. D.+39°2953	9	4 14.66	+ 0.54	−14.38	359 45 52.82	46.630	+ 9.82	− 0.2	16 4 0.82	− 1.67	+39 4 52.2	+ 3.8
24	B. D.+35°2788	9	8 26.68	+ 0.51	−14.38	3 29 52.88	43.550	+ 9.82	+ 3.5	16 8 12.81	− 1.63	+35 21 58.8	+ 3.7
25	B. D.+36°2714	9	12 38.92	+ 0.52	−14.38	2 3 54.40	45.218	+ 9.82	+ 2.1	16 12 25.06	− 1.64	+36 47 20.6	+ 3.9
26	B. D.+37°2741	9	17 8.51	+ 0.53	−14.38	1 39 53.25	43.375	+ 9.82	+ 1.7	16 16 54.66	− 1.63	+37 12 4.3	+ 4.0
27	B. D.+38°2769	9	21 12.33	+ 0.54	−14.38	0 9 52.88	44.500	+ 9.82	+ 0.2	16 20 58.49	− 1.64	+38 41 40.4	+ 4.1
28	B. D.+40°3020	8	25 33.97	+ 0.55	−14.38	358 51 54.35	46.200	+ 9.82	− 1.0	16 25 20.14	− 1.64	+39 59 1.3	+ 4.2
29	B. D.+36°2747	9	30 4.74	+ 0.52	−14.38	2 11 52.52	46.762	+ 9.82	+ 2.2	16 29 50.88	− 1.61	+36 38 47.1	+ 4.2
30	B. D.+37°2778	8	34 21.20	+ 0.53	−14.38	1 9 52.98	46.875	+ 9.82	+ 1.2	16 34 7.35	− 1.61	+37 40 45.1	+ 4.3
31	B. D.+36°2772	9	39 56.49	+ 0.52	−14.38	2 9 51.98	45.848	+ 9.82	+ 2.2	16 39 42.63	− 1.59	+36 41 8.5	+ 4.3
32	B. D.+39°3044	8	44 37.88	+ 0.55	−14.38	359 13 54.45	46 982	+ 9.82	− 0.7	16 44 24.05	− 1.60	+39 36 43.1	+ 4.6
33	B. D.+35°2878	.	.. ..	....	.....	3 11 53.45	46.782	+ 9.82	+ 3.2	16 49	.....	+35 38 44.7	+ 4.4
34	κ Ophiuchi	9	53 25.83	+ 0.33	**−14.36**	29 19 56.30	44.015	+ 9.82	+ 31.6	16 53 11.78	.....	+ 9 31 16.7	....
35	B. D.+39°3074	9	58 56.91	+ 0.55	−14.38	358 59 54.22	46.045	+ 9.82	− 0.9	16 58 43.08	− 1.57	+39 51 4.9	+ 4.9
36	B. D.+40°3111	9	7 38.98	+ 0.55	−14.38	358 53 53.00	43.835	+ 9.82	− 1.0	17 7 25.15	− 1.55	+39 57 56.7	+ 5.1
37	δ Herculis	9	11 23.14	+ 0.43	**−14.34**	13 53 53.98	45.698	+ 9.82	+ 14.0	17 11 9.19	.....	+24 56 58.4	....
38	B. D.+39°3104	9	16 48.44	+ 0.54	−14.38	359 27 55.30	45.978	+ 9.82	− 0.5	17 16 34.60	− 1.52	+39 23 4.9	+ 5.3
39	B. D.+37°2881	9	21 8.84	+ 0.52	−14.38	1 49 54.38	47.720	+ 9.82	+ 1.9	17 20 54.98	− 1.49	+37 0 23.7	+ 5.1
40	B. D.+35°2986	9	26 19.59	+ 0.51	−14.38	3 49 55.30	46.952	+ 9.82	+ 3.8	17 26 5.72	− 1.46	+35 0 38.4	+ 5.0
41	α Ophiuchi	9	30 46.90	+ 0.35	**−14.37**	26 13 54.35	43.240	+ 9.82	+ 27.7	17 30 32.87	.....	+12 37 40.3	....
42	B. D.+35°3029	9	36 47.69	+ 0.52	−14.38	2 59 54.70	42.698	+ 9.82	+ 3.1	17 36 33.83	− 1.43	+35 52 16.9	+ 5.3
43	μ Herculis	9	42 59.71	+ 0.45	**−14.36**	11 3 55.62	47.115	+ 9.82	+ 11.0	17 42 45.78	.....	+27 46 27.1	....
44	Moon II	9	11 58.92	+ 0.16	−14.38	50 10	......	....	. ....	22 11 44.70	−62.72	.. ..	....
	April 28, Br.												
45	Sun I, N.	9	20 34.17	+ 0.35	−14.38	24 29 58.90	44.198	+10.65	+ 25.5	2 20 20.14	+65.82	+14 21 15.2	....
46	Sun II, S.	9	22 45.82	+ 0.35	−14.38	25 1 57.55	43.692	+10.65	+ 26.1	2 22 31.79	−65.83	+13 49 27.5	....
47	υ Leonis	4	32 20.66	+ 0.23	**−14.42**	39 8 2.22	46.932	+ 9.68	+ 45.6	11 32 6.51	.....	− 0 18 9.7	....
48	β Leonis	7	44 28.28	+ 0.34	**−14.40**	23 43 52.98	47.680	+ 9.68	+ 24.7	11 44 14.24	.....	+15 6 3.5	....
49	β Virginis	9	46 0.37	+ 0.25	**−14.37**	36 31 53.18	47.570	+ 9.68	+ 41.6	11 45 46.24	.....	+ 2 17 48.7	....
50	π Virginis	9	56 15.82	+ 0.28	**−14.40**	31 41 53.42	46.108	+ 9.68	+ 34.7	11 56 1.72	.....	+ 7 8 28.8	....
51	ο Virginis	9	0 37.70	+ 0.30	**−14.37**	29 35 54.18	43.560	+ 9.68	+ 31.9	12 0 23.62	.....	+ 9 15 29.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 11 0	......	....	61.5
11 30	......	....	[illegible]
11 36	29.79	61.6	....
27 2 19	29.37	71.5	71.1
11 25	29.496	63.7	62.7
12 4	......	....	62.0
12 33	29.496	62.2	61.1
13 8	29.50	61.3	60.4
15 55	29.51	[illegible]	59.0
16 13	......	....	59.0
16 38	......	....	59.1
17 15	......	....	59.0
17 46	29.54	60.0	60.0
28 2 23	[illegible]	66.6	64.1
11 27	29.645	64.6	63.2

Micrometer bisections are made at II, VI, except as noted below.

5, 7, 8, 45.	Bisections at I, II.
6, 37, 46.	Bisections at VI, VII.
13, 19.	Bisections at b_3, b_4, b_5, b_6, b_7.
18, 20, 23–29, 31–33, 35, 36, 38–40, 42.	Bisections at III, V.
30.	Bisections at b_2, b_9.
48.	Bisection at VI.

Notes.

2–4, 48, 49.	Clouds.
25, 27, 29, 31, 33, 40.	Observed head south.
28, 32, 35, 36.	Observed head north.
28, 37.	Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 3.7	+15 53.2	...	+15 56.9
6	+ 3.6	−15 53.3	...	−15 49.7
45	+ 3.6	−15 53.8	...	−15 50.2
46	+ 3.7	+15 53.8	...	+15 57.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ε Corvi	9	5 30.39	+ 0.06	−14.38	60 55 53.55	43.812	+ 9.68	+1 40.7	12 5 16.07	.....	−22 5 44.8	....
2	12 Comæ Berenices	9	17 59.18	+ 0.42	−14.38	12 27 53.35	47.550	+ 9.68	+ 12.5	12 17 45.22	.....	+26 22 18.1	....
3	δ Corvi	9	25 12.88	+ 0.11	**−14.34**	54 49 53.48	43.898	+ 9.68	+1 19.6	12 24 58.61	.....	−15 59 25.6	....
4	β Corvi	9	29 39.97	+ 0.05	−14.38	61 41 54.20	45.632	+ 9.68	+1 44.1	12 29 25.64	.....	−22 52 30.4	....
5	γ Virginis (*pr.*)	4	37 6.39	+ 0.23	−14.38	39 45 54.22	46.370	+ 9.68	+ 46.8	12 36 52.24	.....	− 0 55 50.1	....
6	γ Virginis (*fol.*)	5	37 6.61	+ 0.23	−14.38	39 45 54.22	46.585	+ 9.68	+ 46.8	12 36 52.46	.....	− 0 55 55.0	....
7	35 Virginis	9	43 16.87	+ 0.26	**−14.37**	34 45 53.28	43.700	+ 9.68	+ 39.0	12 43 2.75	.....	+ 4 5 19.7	....
8	32² H. Camelopardalis	6	48 42.83	+ 2.96	−14.38	314 55 49.35	46.633	+ 9.68	− 56.1	12 48 31.41	.....	+83 55 51.6	....
9	44 H. Cephei s. P.	5	4 15.50	− 1.12	−14.38	298 3 46.82	43.198	+ 9.68	−1 44.8	1 4 0.00	+ 2.68	+79 9 58.3	+ 8.3
	April 30, Y.												
10	ψ Boötis	9	0 37.96	+ 0.45	**−14.23**	11 32	......	.....	. ....	15 0 24.21	.....	+27 19	....
11	α Coronæ Borealis	8	30 55.45	+ 0.45	**−14.27**	11 48	......	.....	. ....	15 30 41.70	.....	+27 2	....
12	B. D.+35°2764	9	59 54.05	+ 0.52	−14.20	3 53 52.90	46.392	+10.27	+ 4.0	15 59 40.37	− 1.69	+34 56 52.9	+ 2.9
13	B. D.+37°2741	9	17 8.43	+ 0.54	−14.20	1 39 52.28	43.392	+10.27	+ 1.7	16 16 54.77	− 1.69	+37 12 4.5	+ 3.2
14	B. D.+38°2769	9	21 12.20	+ 0.56	−14.20	0 9 51.42	44.500	+10.27	+ 0.2	16 20 58.56	− 1.70	+38 41 41.3	+ 3.4
15	B. D.+40°3020	9	25 33.82	+ 0.57	−14.20	358 51 52.32	46.245	+10.27	− 1.1	16 25 20.19	− 1.70	+39 59 2.1	+ 3.5
16	B. D.+36°2747	9	30 4.69	+ 0.54	−14.20	2 11 51.75	46.762	+10.27	+ 2.3	16 29 51.03	− 1.67	+36 38 47.2	+ 3.5
17	B. D.+37°2778	.	.. ..	.....	.....	1 9 51.38	46.905	+10.27	+ 1.2	16 34	.....	+37 40 45.7	+ 3.6
18	B. D.+36°2772	9	39 56.37	+ 0.54	−14.20	2 9 53.05	45.748	+10.27	+ 2.2	16 39 42.71	− 1.65	+36 41 9.2	+ 3.6
19	B. D.+39°3044	9	44 37.78	+ 0.57	−14.20	359 13 53.02	47.005	+10.27	− 0.7	16 44 24.15	− 1.67	+39 36 43.5	+ 3.9
20	B. D.+35°2878	9	49 1.28	+ 0.53	−14.20	3 11 53.28	46.765	+10.27	+ 3.3	16 48 47.61	− 1.63	+35 38 44.6	+ 3.7
21	B. D.+40°3111	9	7 38.90	+ 0.57	−14.20	358 53 52.82	43.775	+10.27	− 1.0	17 7 25.27	− 1.62	+39 57 57.7	+ 4.4
22	δ Herculis	9	11 23.08	+ 0.43	**−14.22**	13 53 53.48	45.662	+10.27	+ 14.3	17 11 9.31	.....	+24 56 58.7	....
23	B. D.+39°3104	.	.. ..	.....	.....	359 27 52.05	46.092	+10.27	− 0.5	17 16	.....	+39 23 5.3	+ 4.6
24	B. D.+35°2986	9	26 19.44	+ 0.52	−14.20	3 49 53.95	46.968	+10.27	+ 3.9	17 26 5.76	− 1.53	+35 0 38.8	+ 4.4
25	α Ophiuchi	9	30 46.79	+ 0.33	**−14.17**	26 13 55.10	43.112	+10.27	+ 28.4	17 30 32.92	.....	+12 37 41.3	....
26	μ Herculis	9	42 59.59	+ 0.46	**−14.18**	11 3 54.22	47.115	+10.27	+ 11.3	17 42 45.85	.....	+27 46 28.0	....
27	89 Herculis	9	51 50.39	+ 0.44	**−14.14**	12 48	......	.....	. ....	17 51 36.63	.....	+26 3	....
28	ν Ophiuchi	9	54 3.29	+ 0.17	**−14.19**	48 35 56.70	45.060	+10.27	+1 5.4	17 53 49.26	.....	− 9 45 41.6	....
	May 1, Y.												
29	Sun I, N	9	31 58.43	+ 0.41	−14.21	23 33 54.20	45.230	+11.31	+ 25.0	2 31 44.63	+66.00	+15 16 56.1	....
30	Sun II, S	9	34 10.43	+ 0.41	−14.21	24 5 53.82	44.635	+11.31	+ 25.6	2 33 56.63	−66.00	+14 45 9.5	....
31	υ Leonis	9	32 20.41	+ 0.27	**−14.24**	39 7 56.28	47.075	+10.91	+ 47.0	11 32 6.46	.....	− 0 18 9.7	....
32	o Hydræ	9	35 45.77	− 0.06	−14.22	73 1 55.60	44.162	+10.91	+3 7.3	11 35 31.49	− 1.89	−34 13 22.5	+17.6
33	41 H. Cephei s. P.	9	43 35.74	− 0.42	−14.22	286 9 49.45	48.542	+10.91	−3 15.1	23 43 21.10	.....	+67 16 34.2	....
34	γ Ursæ Majoris	9	49 5.06	+ 0.80	−14.22	344 37 52.82	45.792	+10.91	− 15.8	11 48 51.64	.....	+54 13 25.9	....
35	π Virginis	9	56 15.61	+ 0.32	**−14.25**	31 41 55.08	45.935	+10.91	+ 35.7	11 56 1.71	.....	+ 7 8 29.1	....
36	o Virginis	9	0 37.45	+ 0.34	**−14.18**	29 35 55.08	43.388	+10.91	+ 32.8	12 0 23.57	.....	+ 9 15 30.0	....
37	ε Corvi	9	5 30.18	+ 0.08	−14.22	60 55 55.70	43.482	+10.91	+1 43.6	12 5 16.04	.....	−22 5 43.4	....
38	6 B. Ursæ Minoris	8	14 42.34	+11.01	−14.22	310 39 48.95	42.090	+10.91	−1 7.0	12 14 39.13	.....	+88 13 45.3	....
39	δ Corvi	9	25 12.75	+ 0.14	**−14.26**	54 49 55.72	43.615	+10.91	+1 22.0	12 24 58.67	.....	−15 59 24.9	....
10	γ Virginis (*pr.*)	5	37 6.22	+ 0.26	−14.22	39 45 55.48	46.162	+10.91	+ 48.5	12 36 52.26	.....	− 0 55 49.8	....
41	γ Virginis (*fol.*)	5	37 6.41	+ 0.26	−14.22	39 45 55.48	46.422	+10.91	+ 48.2	12 36 52.45	.....	− 0 55 54.8	....
42	35 Virginis	9	43 16.66	+ 0.30	**−14.21**	34 45 54.40	43.528	+10.91	+ 40.2	12 43 2.74	.....	+ 4 5 20.1	....
43	32² H. Camelopardalis	7	48 42.20	+ 3.44	−14.22	314 55 49.30	46.618	+10.91	− 57.9	12 48 31.42	.....	+83 55 52.5	....
44	43 H. Cephei s. P.	8	55 49.59	− 4.05	−14.22	304 37 48.78	44.125	+10.91	−1 23.6	0 55 31.32	.....	+85 44 44.1	....
45	44 H. Cephei s. P.	8	4 15.33	− 1.36	−14.22	298 3 47.90	43.242	+10.91	−1 48.2	1 3 59.75	+ 2.52	+79 9 58.3	+ 9.1
46	43 Comæ Berenices	9	7 41.69	+ 0.49	**−14.18**	10 29 53.20	44.420	+10.91	+ 10.8	13 7 27.96	.....	+28 21 30.5	....
	May 1, Br.												
47	Venus II, S	9	58 6.95	+ 0.44	−14.32	22 9 55.38	46.150	+11.19	+ 23.1	1 57 53.07	− 2.06	+16 40 35.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
28 12 7	......	....	62.0
12 18	29.64	63.0	....
12 37	......	....	61.0
13 8	29.64	61.7	60.0
30 15 54	29.785	55.7	54.9
16 14	......	....	53.8
16 43	29.785	54.1	52.2
17 16	......	....	51.5
17 58	29.795	52.4	51.2
1 2 34	29.92	59.1	57.3
11 27	29.93	53.4	52.9
11 53	......	....	53.3
12 32	29.94	52.8	51.5
13 10	29.95	51.2	49.6
1 58	29.97	63.9	64.4

Micrometer bisections are made at II, VI, except as noted below.

5.	Bisections at I, VII.
8.	Bisections at b_3, b_5, b_7.
9, 19, 33, 34, 45.	Bisections at III, V.
13, 43.	Bisections at IV, V.
15.	Bisections at IV, VI.
17.	Bisections at V, VI.
20.	Bisections at II, VII.
21.	Bisection at III.
23.	Bisections at V, VII.
26, 30, 35, 41, 46.	Bisections at VI, VII.
28, 32, 37, 39.	Bisections at II, VI, VII.
29, 40.	Bisections at I, II.
38.	Bisections at b_3, b_4, b_6, b_7.
44.	Bisections at b_3, b_4, b_5, b_6, b_7.
47.	Bisections at I, II, VI, VII.

Notes.

1, 10–28.	Clouds.
13, 17.	Observed head south.
23.	Observed head north.
28, 32, 33.	Very diffuse and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
29	+ 3.5	−15 53.3	...	−15 49.8
30	+ 3.5	+15 53.3	...	+15 56.8
47	+ 11.4	+ 29.5	...	+ 40.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	May 2, Br.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	35 47.74	+ 0.43	−14.32	23 47 54.18	44.452	+11.39	+ 24.8	2 35 33.85	+66.06	+15 3 14.0	....
2	Sun II, N.	9	37 59.86	+ 0.43	−14.32	23 15 53.60	45.088	+11.39	+ 24.2	2 37 45.97	−66.06	+15 35 0.7	....
3	υ Leonis	9	32 20.60	+ 0.17	**−14.34**	39 7 54.90	47.230	+ 9.14	+ 46.1	11 32 6.47	.....	− 0 18 9.2	....
4	ο Hydræ	9	35 45.95	− 0.14	−14.30	73 1 53.75	44.592	+ 9.14	+3 3.6	11 35 31.51	− 1.88	−34 13 25.1	+17.7
5	41 H. Cephei s. P.	9	43 36.24	− 0.40	−14.30	286 9 49.40	48.370	+ 9.14	−3 11.3	23 43 21.54	.....	+67 16 32.2	....
6	γ Ursæ Majoris	9	49 5.19	+ 0.66	−14.30	344 37 51.02	45.908	+ 9.14	− 15.5	11 48 51.55	.....	+54 13 26.5	....
7	π Virginis	9	56 15.77	+ 0.23	**−14.32**	31 41 53.18	46.100	+ 9.14	+ 35.0	11 56 1.70	.....	+ 7 8 29.5	....
8	ο Virginis	9	0 37.62	+ 0.24	**−14.25**	29 35 53.80	43.550	+ 9.14	+ 32.2	12 0 23.56	.....	+ 9 15 29.9	....
9	4 H. Draconis	9	8 0.62	+ 1.65	−14.30	320 41 49.20	49.010	+ 9.14	− 46.1	12 7 47.97	.....	+78 8 47.9	....
10	6 B. Ursæ Minoris	8	14 44.21	+ 9.64	−14.30	310 39 48.48	42.137	+ 9.14	−1 5.7	12 14 39.55	.....	+88 13 45.1	....
11	δ Corvi	9	25 12.87	+ 0.05	**−14.29**	54 49 54.98	43.822	+ 9.14	+1 20.4	12 24 58.62	.....	−15 59 25.6	....
12	β Corvi	9	29 39.91	− 0.01	−14.30	61 41 54.50	45.650	+ 9.14	+1 45.1	12 29 25.60	.....	−22 52 31.6	....
13	γ Virginis (*pr.*)	5	37 6.36	+ 0.17	−14.30	39 45 54.82	46.322	+ 9.14	+ 47.2	12 36 52.23	.....	− 0 55 49.4	....
14	γ Virginis (*fol.*)	5	37 6.58	+ 0.17	−14.30	39 45 54.82	46.550	+ 9.14	+ 47.2	12 36 52.45	.....	− 0 55 54.6	....
15	35 Virginis	9	43 16.83	+ 0.20	**−14.28**	34 45 54.58	43.635	+ 9.14	+ 39.4	12 43 2.73	.....	+ 4 5 19.7	....
16	32² H. Camelopardalis	6	48 41.58	+ 2.98	−14.30	314 55 50.35	46.563	+ 9.14	− 56.6	12 48 30.26	.....	+83 55 53.2	....
17	43 H. Cephei s. P.	8	55 50.34	− 3.60	−14.30	304 37 49.58	44.062	+ 9.14	−1 21.7	10 55 32.44	.....	+85 44 43.4	....
18	44 H. Cephei s. P.	9	4 15.73	− 1.23	−14.30	298 3 48.65	43.130	+ 9.14	−1 45.7	1 4 0.20	+ 2.46	+79 9 57.2	+ 9.4
	May 2, M.												
19	β Serpentis	9	42 3.81	+ 0.31	**−14.19**	23 8	......	.....	. ....	15 41 49.92	.....	+15 43	....
20	ε Serpentis	9	46 20.53	+ 0.24	**−14.21**	34 4	......	.....	. ....	15 46 6.57	.....	+ 4 45	....
21	B. D.+37°2696	9	55 46.14	+ 0.49	−14.20	1 37 52.05	47.150	+ 8.90	+ 1.7	15 55 32.43	− 1.74	+37 12 39.8	+ 2.3
22	B. D.+35°2764	9	59 54.12	+ 0.47	−14.20	3 53 52.48	46.480	+ 8.90	+ 3.9	15 59 40.39	− 1.72	+34 56 52.7	+ 2.4
23	B. D.+39°2953	9	4 14.58	+ 0.51	−14.20	359 45 51.72	46.652	+ 8.90	− 0.2	16 4 0.89	− 1.75	+39 4 53.6	+ 2.5
24	B. D.+35°2788	9	8 26.68	+ 0.48	−14.20	3 29 52.32	43.570	+ 8.90	+ 3.5	16 8 12.96	− 1.72	+35 21 59.8	+ 2.5
25	B. D.+36°2714	9	12 38.89	+ 0.49	−14.20	2 3 51.88	45.350	+ 8.90	+ 2.1	16 12 25.18	− 1.73	+36 47 21.0	+ 2.6
26	B. D.+37°2741	9	17 8.53	+ 0.49	−14.20	1 39 51.68	43.468	+ 8.90	+ 1.7	16 16 54.82	− 1.72	+37 12 4.6	+ 2.7
27	B. D.+38°2769	9	21 12.22	+ 0.51	−14.20	0 9 52.28	44.512	+ 8.90	+ 0.2	16 20 58.53	− 1.73	+38 41 41.6	+ 2.8
28	B. D.+40°3020	9	25 33.88	+ 0.52	−14.20	358 51 51.25	46.340	+ 8.90	− 1.0	16 25 20.20	− 1.74	+39 59 2.1	+ 3.0
29	B. D.+36°2747	9	30 4.69	+ 0.49	−14.20	2 11 52.10	46.762	+ 8.90	+ 2.2	16 29 50.98	− 1.71	+36 38 48.4	+ 2.9
30	B. D.+37°2778	9	34 21.17	+ 0.50	−14.20	1 9 51.68	46.918	+ 8.90	+ 1.2	16 34 7.47	− 1.71	+37 40 46.2	+ 3.1
31	B. D.+36°2772	9	39 56.41	+ 0.49	−14.20	2 9 53.22	45.778	+ 8.90	+ 2.2	16 39 42.70	− 1.69	+36 41 9.7	+ 3.1
32	B. D.+39°3044	9	44 37.85	+ 0.51	−14.20	359 13 53.70	47.008	+ 8.90	− 0.7	16 44 24.16	− 1.71	+39 36 44.0	+ 3.4
33	B. D.+35°2878	9	49 1.46	+ 0.48	−14.20	3 11 51.90	46.872	+ 8.90	+ 3.2	16 48 47.74	− 1.67	+35 38 45.1	+ 3.2
34	κ Ophiuchi	9	53 25.82	+ 0.27	**−14.19**	29 19 55.00	44.110	+ 8.90	+ 31.7	16 53 11.89	.....	+ 9 31 16.6	....
35	B. D.+39°3074	9	58 56.86	+ 0.52	−14.20	358 59 53.00	46.130	+ 8.90	− 0.9	16 58 43.18	− 1.69	+39 51 5.0	+ 3.7
36	B. D.+35°2917	9	3 32.64	+ 0.48	−14.20	3 23 53.05	46.492	+ 8.90	+ 3.4	17 3 18.92	− 1.64	+35 26 52.4	+ 3.5
37	B. D.+40°3111	9	7 39.03	+ 0.52	−14.20	358 53 52.12	43.875	+ 8.90	− 1.0	17 7 25.35	− 1.67	+39 57 57.5	+ 3.9
38	δ Herculis	9	11 23.21	+ 0.38	**−14.25**	13 53 52.35	45.825	+ 8.90	+ 14.0	17 11 9.39	.....	+24 56 57.8	....
39	B. D.+39°3104	9	16 48.43	+ 0.51	−14.20	359 27 52.30	46.130	+ 8.90	− 0.5	17 16 34.74	− 1.65	+39 23 5.3	+ 4.1
40	B. D.+35°2986	9	26 19.58	+ 0.47	−14.20	3 49 53.12	47.060	+ 8.90	+ 3.9	17 26 5.85	− 1.58	+35 0 38.8	+ 3.9
41	α Ophiuchi	9	30 46.88	+ 0.29	**−14.18**	26 13 53.52	43.310	+ 8.90	+ 27.8	17 30 32.97	.....	+12 37 40.3	....
42	B. D.+35°3029	9	36 47.73	+ 0.48	−14.20	2 59 52.58	42.802	+ 8.90	+ 3.0	17 36 34.01	− 1.56	+35 52 17.6	+ 4.2
43	μ Herculis	9	42 59.72	+ 0.41	**−14.21**	11 3 52.90	47.290	+ 8.90	+ 11.1	17 42 45.93	.....	+27 46 26.9	....
	May 3, Y.												
44	Venus II, S.	9	54 31.69	+ 0.28	−14.22	22 57 52.78	48.110	+ 9.61	+ 23.3	1 54 17.75	− 2.02	+15 51 55.1	....
	May 4, Y.												
45	Sun I, S.	9	43 27.81	+ 0.28	−14.22	23 11 50.78	46.302	+ 9.85	+ 23.4	2 43 13.87	+66.17	+15 38 38.1	....
46	Sun II, N.	9	45 40.16	+ 0.28	−14.22	22 39 51.50	46.998	+ 9.85	+ 22.8	2 45 26.22	−66.18	+16 10 22.1	....
	May 7, Y.												
47	β Serpentis	9	42 3.83	+ 0.32	**−14.17**	23 8	......	.....	. ....	15 41 49.92	.....	+15 43	....
48	ε Serpentis	9	46 20.59	+ 0.25	**−14.22**	34 4	......	.....	. ....	15 46 6.61	.....	+ 4 45	....
49	B. D.+35°2764	9	59 54.24	+ 0.45	−14.23	3 54 12.68	45.580	+ 8.65	+ 3.9	15 59 40.46	− 1.79	+34 56 53.4	+ 1.0
50	B. D.+39°2953	9	4 14.71	+ 0.48	−14.23	359 45 58.15	46.305	+ 8.67	− 0.2	16 4 0.96	− 1.82	+39 4 55.4	+ 1.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 2 38	29.95	65.0	66.2
11 26	29.845	62.9	61.5
11 54	....	....	60.8
12 21	29.84	61.1	60.0
13 8	29.83	60.6	59.3
15 52	29.82	63.6	63.0
16 15	....	....	63.0
16 37	29.82	62.7	62.5
17 14	....	....	62.1
17 47	29.82	61.8	61.8
3 1 55	29.895	77.0	77.6
4 2 46	29.85	79.2	80.1
7 15 55	29.83	62.2	61.2

Micrometer bisections are made at II, VI, except as noted below.

1, 15, 45. Bisections at I, II.
2, 43, 46. Bisections at VI, VII.
5, 18. Bisections at III, IV, V.
6, 9. Bisections at III, V.
10. Bisections at b_2, b_4, b_5, b_6, b_8.
13. Bisections at I, VII.
16. Bisections at b_4, b_6, b_9.
17. Bisections at b_3, b_6, b_8.
21. Bisection at II.
44. Bisections at I, II, VI, VII.

Notes.

21, 25, 27, 29, 31, 33, 36, 40, 49. Observed head south.
28, 32, 35, 37, 50. Observed head north.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 3.5	+15 53.3	...	+15 56.8
2	+ 3.4	−15 53.3	...	−15 49.9
44	+ 11.6	+ 29.1	...	+ 40.7
45	+ 3.4	+15 51.9	...	+15 55.3
46	+ 3.3	−15 52.0	...	−15 48.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+36°2714........	9	12 39.09	+ 0.46	−14.23	2 3 58.02	45.030	+ 8.69	+ 2.1	16 12 25.32	− 1.80	+36 47 22.3	+ 1.2
2	B. D.+37°2741........	9	17 8.64	+ 0.46	−14.23	1 39 58.50	43.085	+ 8.70	+ 1.7	16 16 54.87	− 1.80	+37 12 6.7	+ 1.3
3	B. D.+38°2769........	9	21 12.41	+ 0.48	−14.23	0 9 58.52	44.188	+ 8.71	+ 0.2	16 20 58.66	− 1.81	+38 41 43.1	+ 1.4
4	B. D.+40°3020........	9	25 34.05	+ 0.49	−14.23	358 51 58.45	45.942	+ 8.73	− 1.1	16 25 20.31	− 1.82	+39 59 4.2	+ 1.5
5	B. D.+36°2747........	8	30 4.98	+ 0.46	−14.23	2 11 55.28	46.598	+ 8.74	+ 2.3	16 29 51.21	− 1.79	+36 38 49.1	+ 1.6
6	B. D.+37°2778........	9	34 21.27	+ 0.47	−14.23	1 9 56.42	46.628	+ 8.76	+ 1.2	16 34 7.51	− 1.79	+37 40 48.3	+ 1.7
7	B. D.+36°2772........	9	39 56.64	+ 0.46	−14.23	2 9 56.52	45.605	+ 8.77	+ 2.2	16 39 42.87	− 1.78	+36 41 10.5	+ 1.8
8	B. D.+39°3044........	9	44 38.03	+ 0.48	−14.23	359 13 57.22	46.788	+ 8.79	− 0.7	16 44 24.28	− 1.80	+39 36 45.7	+ 2.0
9	B. D.+35°2878........	9	49 1.62	+ 0.45	−14.22	3 11 57.92	46.560	+ 8.80	+ 3.2	16 48 47.85	− 1.76	+35 38 46.3	+ 1.9
10	κ Ophiuchi..............	9	53 25.96	+ 0.28	**−14.25**	29 19 58.62	43.868	+ 8.82	+ 32.0	16 53 12.02	.....	+ 9 31 18.4	....
11	B. D.+39°3074........	7	58 57.03	+ 0.48	−14.22	358 59 57.35	45.850	+ 8.83	− 0.9	16 58 43.29	− 1.79	+39 51 7.3	+ 2.3
12	B. D.+35°2917........	9	3 32.84	+ 0.45	−14.22	3 23 57.28	46.278	+ 8.85	+ 3.4	17 3 19.07	− 1.74	+35 26 53.3	+ 2.2
13	B. D.+40°3111........	9	7 39.19	+ 0.48	−14.22	358 53 58.42	43.500	+ 8.86	− 1.0	17 7 25.45	− 1.78	+39 57 59.8	+ 2.6
14	δ Herculis..............	9	11 23.31	+ 0.38	**−14.25**	13 53 57.02	45.522	+ 8.87	+ 14.1	17 11 9.47	.....	+24 57 0.0	....
15	B. D.+39°3104........	9	16 48.69	+ 0.48	−14.22	359 27 57.62	45.832	+ 8.89	− 0.5	17 16 34.95	− 1.75	+39 23 6.8	+ 2.7
16	B. D.+37°2881........	7	21 8.93	+ 0.46	−14.22	1 49 56.50	47.588	+ 8.90	+ 1.9	17 20 55.17	− 1.72	+37 0 25.6	+ 2.7
17	B. D.+35°2986........	9	26 19.78	+ 0.45	−14.22	3 49 57.82	46.785	+ 8.92	+ 3.9	17 26 6.01	− 1.69	+35 0 40.4	+ 2.6
18	α Ophiuchi..............	9	30 47.04	+ 0.30	**−14.24**	26 14 3.02	42.808	+ 8.93	+ 28.1	17 30 33.12	.....	+12 37 42.0	....
19	B. D.+35°3029........	9	36 47.88	+ 0.45	−14.22	2 59 56.68	42.542	+ 8.95	+ 3.0	17 36 34.11	− 1.68	+35 52 19.4	+ 2.9
20	μ Herculis..............	9	42 59.85	+ 0.40	**−14.22**	11 3 58.30	46.950	+ 8.97	+ 11.2	17 42 46.03	.....	+27 46 28.9	....
21	Venus II..............	9	48 46.69	+ 0.33	−14.20	24 32	......	....	. ....	1 48 32.82	− 1.93	.. ..	....
	May 8, Y.												
22	Sun I, N..............	9	58 54.46	+ 0.34	−14.20	21 31 56.25	47.918	+10.18	+ 22.0	2 58 40.60	+66.54	+17 17 56.7	....
23	Sun II, S..............	9	1 7.54	+ 0.34	−14.20	22 3 55.78	47.222	+10.18	+ 22.6	3 0 53.68	−66.54	+16 46 12.6	....
24	Moon I..............	9	22 31.76	+ 0.32	−14.19	20 16	......	.....	. ....	6 22 17.89	+67.37	.. ..	....
25	β Serpentis..............	9	42 3.78	+ 0.32	**−14.11**	23 8	......	.....	. ....	15 41 49.94	.....	+15 43	....
26	ε Serpentis..............	9	46 20.58	+ 0.26	**−14.21**	34 4	......	.....	. ....	15 46 6.68	.....	+ 4 45	....
27	B. D.+37°2696........	5	55 46.24	+ 0.47	−14.16	1 38 0.75	46.735	+ 8.58	+ 1.7	15 55 32.55	− 1.81	+37 12 41.4	+ 0.7
28	B. D.+35°2764........	9	59 54.16	+ 0.45	−14.16	3 53 57.70	46.180	+ 8.58	+ 3.9	15 59 40.45	− 1.80	+34 56 54.7	+ 0.8
29	B. D.+39°2953........	9	4 14.73	+ 0.48	−14.16	359 45 56.32	46.400	+ 8.58	− 0.2	16 4 1.05	− 1.83	+39 4 55.1	+ 0.8
30	B. D.+35°2788........	9	8 26.69	+ 0.45	−14.16	3 29 56.90	43.272	+ 8.58	+ 3.5	16 8 12.98	− 1.80	+35 22 2.6	+ 0.9
31	B. D.+36°2714........	8	12 38.99	+ 0.46	−14.16	2 3 55.00	45.162	+ 8.58	+ 2.1	16 12 25.29	− 1.81	+36 47 22.5	+ 1.0
32	B. D.+37°2741........	9	17 8.67	+ 0.47	−14.16	1 39 56.32	43.195	+ 8.58	+ 1.7	16 16 54.98	− 1.81	+37 12 6.6	+ 1.1
33	B. D.+38°2769........	9	21 12.38	+ 0.48	−14.16	0 9 56.40	44.272	+ 8.58	+ 0.2	16 20 58.70	− 1.82	+38 41 43.3	+ 1.2
34	B. D.+40°3020........	9	25 34.07	+ 0.49	−14.16	358 51 57.45	45.990	+ 8.58	− 1.0	16 25 20.40	− 1.83	+39 59 4.2	+ 1.3
35	B. D.+36°2747........	9	30 4.83	+ 0.46	−14.16	2 11 56.55	46.538	+ 8.58	+ 2.2	16 29 51.13	− 1.80	+36 38 49.3	+ 1.3
36	B. D.+37°2778........	9	34 21.19	+ 0.47	−14.16	1 9 56.10	46.645	+ 8.58	+ 1.2	16 34 7.50	− 1.80	+37 40 48.3	+ 1.4
37	B. D.+36°2772........	9	39 56.51	+ 0.46	−14.16	2 9 56.32	45.595	+ 8.58	+ 2.2	16 39 42.81	− 1.79	+36 41 11.1	+ 1.5
38	B. D.+39°3044........	9	44 38.01	+ 0.48	−14.16	359 13 57.38	46.772	+ 8.58	− 0.7	16 44 24.33	− 1.82	+39 36 46.1	+ 1.7
39	B. D.+35°2878........	9	49 1.52	+ 0.46	−14.16	3 11 57.48	46.558	+ 8.58	+ 3.2	16 48 47.82	− 1.78	+35 38 47.0	+ 1.6
40	κ Ophiuchi..............	9	53 25.93	+ 0.28	**−14.20**	29 19 58.12	43.898	+ 8.58	+ 31.8	16 53 12.05	.....	+ 9 31 18.6	....
41	B. D.+39°3074........	9	58 56.99	+ 0.49	−14.16	358 59 56.75	45.872	+ 8.58	− 0.9	16 58 43.32	− 1.80	+39 51 7.7	+ 2.1
42	B. D.+35°2917........	9	3 32.71	+ 0.46	−14.16	3 23 57.62	46.232	+ 8.58	+ 3.4	17 3 19.01	− 1.75	+35 26 54.1	+ 1.9
43	B. D.+40°3111........	9	7 39.19	+ 0.49	−14.16	358 53 56.50	43.588	+ 8.58	− 1.0	17 7 25.52	− 1.79	+39 58 0.0	+ 2.3
44	δ Herculis..............	9	11 23.21	+ 0.38	**−14.13**	13 53 57.82	45.498	+ 8.58	+ 14.1	17 11 9.43	.....	+24 57 0.2	....
45	B. D.+39°3104........	9	16 48.50	+ 0.48	−14.16	359 27 56.75	45.865	+ 8.58	− 0.5	17 16 34.82	− 1.77	+39 23 7.5	+ 2.5
46	B. D.+37°2881........	9	21 8.92	+ 0.46	−14.16	1 49 57.18	47.538	+ 8.58	+ 1.9	17 20 55.22	− 1.74	+37 0 26.2	+ 2.4
47	B. D.+35°2986........	9	26 19.73	+ 0.45	−14.16	3 49 57.88	46.795	+ 8.58	+ 3.9	17 26 6.02	− 1.71	+35 0 40.5	+ 2.4
48	α Ophiuchi..............	9	30 46.98	+ 0.30	**−14.16**	26 13 58.58	43.028	+ 8.58	+ 27.9	17 30 33.12	.....	+12 37 42.2	....
49	B. D.+35°3029........	9	36 47.93	+ 0.46	−14.16	2 59 57.15	42.542	+ 8.58	+ 3.0	17 36 34.23	− 1.70	+35 52 19.3	+ 2.7
50	μ Herculis..............	9	42 59.83	+ 0.40	**−14.17**	11 3 56.72	47.020	+ 8.58	+ 11.2	17 42 46.07	.....	+27 46 29.2	....
	May 8, Br.												
51	Venus II, N..........	9	47 40.71	+ 0.26	−14.29	24 51 57.82	45.082	+ 9.64	+ 25.8	1 47 26.68	− 1.90	+13 58 56.8	....
	May 9, Br.												
52	Sun I, N..............	9	2 47.64	+ 0.29	−14.29	21 15 57.85	47.390	+ 9.64	+ 21.6	3 2 33.64	+66.64	+17 34 8.1	....
53	Sun II, S..............	9	5 0.92	+ 0.29	−14.29	21 47 58.05	46.568	+ 9.64	+ 22.2	3 4 46.92	−66.64	+17 2 26.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 16 16	......	....	60.4
16 37	29.825	60.4	58.7
17 14	......	....	58.1
17 46	29.825	[illegible]	57.2
8 3 1	29.86	70.4	70.0
15 54	29.67	59.4	58.2
16 16	......	....	58.2
16 37	29.66	59.2	58.0
17 15	......	....	57.4
17 47	29.66	58.3	57.3
1 48	29.78	69.7	69.1
9 3 5	29.79	71.3	71.0

Micrometer bisections are made at II, VI, except as noted below.

3, 5.	Bisections at III, VI.
11, 16, 23, 44, 48, 53.	Bisections at VI, VII.
12.	Bisections at IV, VI.
22, 52.	Bisections at I, II.
27.	Bisection at VI.
30, 41, 45.	Bisections at V, VI.
32.	Bisections at III, V.
51.	Bisections at I, II, VI, VII.

Notes.

1, 3, 5, 7, 9, 12, 17, 27, 31, 32, 36, 46, 49.	Observed head south.
4, 8, 11, 13, 45.	Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
22	+ 3.2	−15 52.0	...	−15 48.8
23	+ 3.3	+15 52.0	...	+15 55.3
51	+ 12.0	− 27.6	...	− 15.6
52	+ 3.1	−15 50.9	...	−15 47.8
53	+ 3.2	+15 50.9	...	+15 54.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	May 10, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N	9	6 41.13	+ 0.33	−14.17	20 59 57.02	47.640	+10.01	+ 21.7	3 6 27.29	+66.69	+17 50 2.8	....
2	Sun II, S	9	8 54.50	+ 0.33	−14.17	21 31 56.95	46.825	+10.01	+ 22.3	3 8 40.66	−66.68	+17 18 21.0	....
	May 10, Hl.												
3	Venus II, N	9	45 54.19	+ 0.25	−14.29	25 31 59.92	45.690	+ 9.67	+ 26.9	1 45 40.15	− 1.85	+13 18 39.6	....
	May 11, Hl.												
4	Sun I, N	9	10 35.38	+ 0.28	−14.29	20 43 57.92	48.625	+10.17	+ 21.2	3 10 21.37	+66.79	+18 5 39.7	....
5	Sun II, S	9	12 48.95	+ 0.28	−14.29	21 15 59.00	47.712	+10.17	+ 21.8	3 12 34.94	−66.78	+17 33 59.0	....
	May 11, Br.												
6	Venus II, N	9	45 14.23	+ 0.24	−14.25	25 49 56.92	47.801	+ 9.83	+ 26.6	1 45 0.22	− 1.83	+12 59 54.5	....
	May 12, Br.												
7	Sun I, S	9	14 30.25	+ 0.27	−14.25	21 1 54.62	44.570	+10.05	+ 21.0	3 14 16.27	+66.86	+17 49 16.0	....
8	Sun II, N	8	16 43.97	+ 0.27	−14.25	20 29 55.18	45.335	+10.05	+ 20.5	3 16 29.99	−66.86	+18 20 58.6	....
9	Moon I, N	9	9 41.63	+ 0.16	−14.27	28 15 59.12	46.499	+ 9.29	+ 29.4	10 9 27.52	+68.03	+10 34 19.8	....
10	υ Leonis	9	32 20.53	+ 0.11	**−14.30**	39 7 57.60	47.172	+ 9.29	+ 44.7	11 32 6.37	.....	− 0 18 9.5	....
11	ο Hydræ	9	35 45.78	− 0.17	−14.27	73 1 54.85	44.770	+ 9.29	+2 58.0	11 35 31.34	− 1.76	−34 13 24.8	+18.7
12	41 H. Cephei s. P.	9	43 36.37	− 0.20	−14.27	286 9 50.40	48.045	+ 9.29	−3 5.6	23 43 21.90	.....	+67 16 31.6	....
13	γ Ursæ Majoris	9	49 5.19	+ 0.50	−14.27	344 37 54.42	45.650	+ 9.29	− 15.0	11 48 51.42	.....	+54 13 28.3	....
14	π Virginis	9	56 15.76	+ 0.16	**−14.33**	31 41 55.48	46.008	+ 9.29	+ 34.0	11 56 1.65	.....	+ 7 8 30.1	....
15	ο Virginis	9	0 37.66	+ 0.17	**−14.31**	29 35 54.32	43.562	+ 9.29	+ 31.2	12 0 23.56	.....	+ 9 15 30.1	....
16	4 H. Draconis	9	8 0.60	+ 1.20	−14.27	320 41 50.62	48.822	+ 9.29	− 44.8	12 7 47.53	.....	+78 8 49.3	....
17	6 B. Ursæ Minoris	8	14 42.61	+ 6.74	−14.27	310 39 49.52	41.897	+ 9.29	−1 3.7	12 14 35.08	.....	+88 13 47.4	....
18	δ Corvi	9	25 12.82	0.00	**−14.25**	54 49 55.82	43.910	+ 9.29	+1 18.0	12 24 58.55	.....	−15 59 26.2	....
19	β Corvi	9	29 39.92	− 0.06	−14.27	61 41 55.68	45.742	+ 9.29	+1 41.9	12 29 25.59	.....	−22 52 31.8	....
20	γ Virginis (*pr.*)	5	37 6.38	+ 0.11	−14.27	39 45 56.10	46.310	+ 9.29	+ 45.8	12 36 52.22	.....	− 0 55 49.5	....
21	γ Virginis (*fol.*)	5	37 6.58	+ 0.11	−14.27	39 45 56.10	46.548	+ 9.29	+ 45.8	12 36 52.42	.....	− 0 55 54.3	....
22	32² H. Camelopardalis	9	48 42.03	+ 2.12	−14.27	314 55 52.60	46.277	+ 9.29	− 54.9	12 48 29.88	.....	+83 55 55.5	....
23	43 H. Cephei s. P.	8	55 50.41	− 2.41	−14.27	304 37 51.72	43.768	+ 9.29	−1 19.2	0 55 33.73	.....	+85 44 41.5	....
24	44 H. Cephei s. P.	9	4 15.78	− 0.78	−14.27	298 3 49.28	42.815	+ 9.29	−1 42.4	1 4 0.73	+ 1.72	+79 9 54.1	+11.5
25	61 Virginis	9	13 42.19	− 0.01	−14.27	56 35 54.42	48.315	+ 9.29	+1 23.3	13 13 27.91	.....	−17 47 10.8	....
26	α Virginis	9	20 27.32	+ 0.04	**−14.27**	49 29 56.60	46.232	+ 9.29	+1 4.3	13 20 13.09	.....	−10 40 6.4	....
	May 12, Y.												
27	Mars I, C	5	54 3.50	+ 0.02	−14.15	55 32 9.00	49.631	+ 9.24	+1 20.6	14 53 49.37	+ 0.62	−16 42 17.3	....
28	Mars II	5	54 4.74	+ 0.02	−14.15	... .	......	.....	. ....	14 53 50.61	− 0.62	.. ..	....
29	β Serpentis	9	42 3.87	+ 0.23	**−14.07**	23 8	......	.....	. ....	15 41 49.95	.....	+15 43	....
30	ε Serpentis	9	46 20.63	+ 0.17	**−14.13**	34 4	......	.....	. ....	15 46 6.65	.....	+ 4 45	....
31	B. D.+37°2696	9	55 46.28	+ 0.38	−14.15	1 37 55.40	46.878	+ 9.24	+ 1.6	15 55 32.51	− 1.86	+37 12 42.7	− 0.3
32	B. D.+35°2764	9	59 54.23	+ 0.36	−14.15	3 53 56.60	46.172	+ 9.24	+ 3.8	15 59 40.44	− 1.84	+34 56 55.4	− 0.1
33	B. D.+35°2788	9	8 26.89	+ 0.36	−14.15	3 29 55.72	43.278	+ 9.24	+ 3.4	16 8 13.10	− 1.85	+35 22 2.8	0.0
34	B. D.+36°2714	9	12 39.07	+ 0.37	−14.15	2 3 54.55	45.105	+ 9.24	+ 2.1	16 12 25.29	− 1.86	+36 47 23.6	+ 0.1
35	B. D.+37°2741	8	17 8.74	+ 0.38	−14.15	1 39 54.32	43.210	+ 9.24	+ 1.7	16 16 54.97	− 1.86	+37 12 7.5	+ 0.1
36	B. D.+38°2769	9	21 12.52	+ 0.39	−14.15	0 9 55.02	44.282	+ 9.24	+ 0.2	16 20 58.76	− 1.88	+38 41 43.8	+ 0.2
37	B. D.+40°3020	9	25 34.14	+ 0.40	−14.15	358 52 0.12	45.788	+ 9.24	− 1.0	16 25 20.39	− 1.89	+39 59 5.5	+ 0.3
38	B. D.+36°2747	9	30 4.99	+ 0.38	−14.15	2 11 54.05	46.585	+ 9.24	+ 2.2	16 29 51.22	− 1.86	+36 38 50.1	+ 0.4
39	B. D.+37°2778	9	34 21.33	+ 0.38	−14.15	1 9 54.40	46.702	+ 9.24	+ 1.2	16 34 7.56	− 1.87	+37 40 48.1	+ 0.5
40	B. D.+36°2772	8	39 56.65	+ 0.38	−14.15	2 9 55.55	45.575	+ 9.24	+ 2.2	16 39 42.88	− 1.86	+36 41 11.7	+ 0.6
41	B. D.+39°3044	9	44 38.11	+ 0.40	−14.15	359 13 55.05	46.805	+ 9.24	− 0.7	16 44 24.36	− 1.88	+39 36 47.0	+ 0.8
42	B. D.+35°2878	8	49 1.65	+ 0.37	−14.15	3 11 55.62	46.600	+ 9.24	+ 3.2	16 48 47.87	− 1.84	+35 38 47.2	+ 0.7
43	κ Ophiuchi	9	53 26.04	+ 0.21	**−14.18**	29 19 58.10	43.892	+ 9.24	+ 31.2	16 53 12.10	.....	+ 9 31 18.7	....
44	B. D.+40°3111	8	7 39.24	+ 0.40	−14.15	358 53 55.82	43.552	+ 9.24	− 1.0	17 7 25.49	− 1.87	+39 58 0.8	+ 1.4
45	δ Herculis	7	11 23.31	+ 0.30	**−14.08**	13 53 57.72	45.465	+ 9.24	+ 13.8	17 11 9.46	.....	+24 57 0.7	....
46	B. D.+39°3104	9	16 48.74	+ 0.40	−14.15	359 27 55.02	45.878	+ 9.24	− 0.5	17 16 34.99	− 1.85	+39 23 8.0	+ 1.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 3 9	29.93	66.0	[illegible]
1 54	29.98	67.8	66.9
11 3 13	29.95	69.8	70.2
1 41	29.78	77.1	77.0
1 53	.....	.....	77.0
12 3 17	29.87	79.3	79.4
10 10	29.75	77.7	77.8
11 25	29.755	75.4	75.2
11 52	....	....	75.0
12 20	....	....	74.1
13 23	[illegible]	73.9	75.0
14 49	29.80	71.5	71.2
15 52	29.795	71.0	71.2
16 20	.....	..	71.0
16 37	[illegible]	70.4	70.7
17 15	....	....	70.1

Micrometer bisections are made at II, VI, except as noted below.

1, 4, 7, 10, 20.	Bisections at I, II.
2, 5, 8, 21, 45.	Bisections at VI, VII.
3, 6, 27.	Bisections at I, II, VI, VII.
9.	Bisections at II, III, IV, V, VI.
12, 13, 16.	Bisections at III, V.
17.	Bisections at b_2, b_4, b_5, b_6, b_8.
22, 24.	Bisections at III, IV, V.
23.	Bisections at b_2, b_5, b_8.
27.	Z. D. threads C used.

Notes.

10–26.	Through haze and very unsteady.
11, 12.	Diffuse.
32, 33, 36, 38, 40, 42.	Observed head south.
37, 41, 44.	Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 3.1	−15 50.9	...	−15 47.8
2	+ 3.2	+15 50.8	...	+15 54.0
3	+ 12.0	− 27.0	...	− 15.0
4	+ 3.1	−15 50.4	...	−15 47.3
5	+ 3.1	+15 50.3	...	+15 53.4
6	+ 11.9	− 26.7	...	− 14.8
7	+ 3.1	+15 51.3	...	+15 54.4
8	+ 3.0	−15 51.2	...	−15 48.2
9	+27 45.4	−16 4.5	...	+11 40.9
27	+ 13.5	.. ....	0.0	+ 13.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	″	h m s	s	° ′ ″	″
1	α Ophiuchi	8	30 47.11	+ 0.23	**−14.14**	26 13 57.68	43.028	+ 9.24	+ 27.4	17 30 33.19	.....	+12 37 42.7	....
2	μ Herculis	9	42 59.97	+ 0.33	**−14.16**	11 3 57.18	46.948	+ 9.24	+ 10.9	17 42 46.15	.....	+27 46 30.0	....
	May 12, M.												
3	Venus II	9	44 42.89	+ 0.23	−14.16	26 8	......	.....	. ....	1 44 28.96	− 1.80	.. ..	....
	May 13, M.												
4	Sun I, S	9	18 25.29	+ 0.25	−14.16	20 45 58.50	47.010	+10.11	+ 20.9	3 18 11.38	+67.00	+18 4 16.4	....
5	Sun II, N	9	20 39.29	+ 0.25	−14.16	20 13 57.22	47.870	+10.11	+ 20.3	3 20 25.38	−67.00	+18 35 58.7	....
	May 15, Hl.												
6	Sun I	9	26 17.68	+ 0.27	−14.27	20 2	......	.....	. ....	3 26 3.68	+67.18	.. ..	....
7	Sun II	9	28 32.05	+ 0.27	−14.27	... .	......	.....	. ....	3 28 18.05	−67.19	.. ..	....
	May 16, Br.												
8	υ Leonis	9	32 20.41	+ 0.08	**−14.19**	39 7 57.42	47.180	+ 9.01	+ 44.9	11 32 6.25	.....	− 0 18 9.2	....
9	γ Ursæ Majoris	9	49 5.15	+ 0.41	−14.24	344 37 53.28	45.728	+ 9.01	− 15.1	11 48 51.32	.....	+54 13 28.1	....
10	π Virginis	9	56 15.76	+ 0.13	**−14.33**	31 41 55.68	45.985	+ 9.01	+ 34.1	11 56 1.65	.....	+ 7 8 30.3	....
11	ο Virginis	9	0 37.58	+ 0.14	**−14.23**	29 35 56.35	43.458	+ 9.01	+ 31.4	12 0 23.48	.....	+ 9 15 30.4	....
12	4 H. Draconis	9	8 0.37	+ 0.93	−14.24	320 43 52.72	43.468	+ 9.01	− 45.0	12 7 47.06	.....	+78 8 50.1	....
13	6 B. Ursæ Minoris	6	14 40.72	+ 4.98	−14.24	310 39 50.55	41.867	+ 9.01	−1 4.0	12 14 31.46	.....	+88 13 47.9	....
14	δ Corvi	9	25 12.76	− 0.02	**−14.20**	54 49 57.05	43.838	+ 9.01	+1 18.4	12 24 58.50	.....	−15 59 25.9	....
15	24 Comæ Berenices	9	30 37.34	+ 0.18	−14.24	19 55 55.12	48.152	+ 9.01	+ 20.1	12 30 23.28	.....	+18 53 55.6	....
16	76 Ursæ Majoris	9	37 40.24	+ 0.50	−14.24	335 37 52.80	44.280	+ 9.01	− 25.0	12 37 26.50	.....	+63 14 11.5	....
17	35 Virginis	9	43 16.77	+ 0.11	**−14.21**	34 45 56.05	43.575	+ 9.01	+ 38.4	12 43 2.64	.....	+ 4 5 20.7	....
18	31 Comæ Berenices	9	47 19.68	+ 0.24	**−14.24**	10 47 56.12	44.560	+ 9.01	+ 10.6	12 47 5.68	.....	+28 3 25.9	....
19	17 Canum Venaticorum	9	5 56.95	+ 0.30	−14.24	359 51 56.48	42.845	+ 9.01	− 0.1	13 5 43.01	− 1.41	+39 0 15.3	− 3.3
20	43 Comæ Berenices	9	7 41.92	+ 0.24	**−14.25**	10 29 55.80	44.275	+ 9.01	+ 10.3	13 7 27.92	.....	+28 21 33.0	....
21	Moon I	9	0 37.76	+ 0.04	−14.24	47 34	......	.....	. ....	14 0 23.56	+69.72	.. ..	....
22	Mars I, C	5	48 8.73	− 0.01	−14.24	55 17 56.80	49.610	+ 9.01	+1 20.1	14 47 54.48	+ 0.73	−16 28 3.9	....
23	Mars II	5	48 10.19	− 0.01	−14.24	... .	......	.....	. ....	14 47 55.94	− 0.73	.. ..	....
	May 17, M.												
24	Sun I, N	9	34 12.12	+ 0.30	−14.14	19 17 57.70	45.635	+ 9.94	+ 19.5	3 33 58.28	+67.28	+19 32 50.1	....
25	Sun II, S	7	36 26.67	+ 0.30	−14.14	19 49 56.80	44.672	+ 9.94	+ 20.0	3 36 12.83	−67.27	+19 1 12.7	....
	May 18, Br.												
26	Moon II	9	5 30.07	+ 0.06	−14.24	55 20	......	.....	. ....	16 5 15.89	−71.19	.. ..	....
27	ε Ophiuchi	8	13 33.76	+ 0.16	**−14.25**	43 18 0.28	45.455	+ 9.91	+ 53.3	16 13 19.68	.....	− 4 27 41.6	....
28	ω Herculis	9	21 17.73	+ 0.30	−14.24	24 35 58.52	44.652	+ 9.94	+ 25.9	16 21 3.79	− 1.89	+14 15 5.5	− 1.4
29	λ Ophiuchi	9	26 23.26	+ 0.21	**−14.22**	36 39 59.88	42.862	+ 9.95	+ 42.1	16 26 9.23	.....	+ 2 11 28.9	....
30	ζ Ophiuchi	9	32 11.81	+ 0.12	**−14.24**	49 12 0.32	46.985	+ 9.96	+1 5.6	16 31 57.69	.....	−10 22 29.5	....
31	70 B. Ursæ Minoris	7	35 0.48	+ 1.69	−14.24	321 13 55.02	45.050	+ 9.97	− 45.3	16 34 47.93	− 4.66	+77 38 11.1	− 2.6
32	ι Ophiuchi	9	49 46.60	+ 0.28	−14.24	28 31 59.88	43.892	+10.01	+ 30.8	16 49 32.64	− 1.89	+10 19 16.3	− 1.9
33	κ Ophiuchi	9	53 26.16	+ 0.27	**−14.27**	29 19 59.85	43.732	+10.02	+ 31.9	16 53 12.19	.....	+ 9 31 19.1	....
34	η Ophiuchi	9	5 12.03	+ 0.07	**−14.28**	34 25 59.18	46.250	+10.05	+1 19.2	17 4 57.86	.....	−15 36 25.0	....
35	ζ Draconis	9	8 46.79	+ 0.99	−14.24	333 1 55.38	45.045	+10.06	− 28.7	17 8 33.54	.....	+65 49 54.1	....
36	u Herculis	9	14 4.65	+ 0.47	−14.24	5 39 57.95	42.905	+10.08	+ 5.7	17 13 50.88	− 1.90	+33 12 5.7	+ 0.5
37	w Herculis	9	17 21.96	+ 0.47	−14.24	6 15 58.05	44.835	+10.09	+ 6.3	17 17 8.19	.....	+32 35 20.8	....
38	σ Ophiuchi	9	22 3.89	+ 0.24	**−14.20**	34 37 59.02	43.340	+10.10	+ 39.2	17 21 49.89	.....	+ 4 13 21.6	....
39	λ Herculis	9	27 9.60	+ 0.41	−14.24	12 39 59.02	45.710	+10.11	+ 12.8	17 26 55.77	− 1.85	+26 10 53.7	− 0.8
40	ξ Serpentis	9	32 24.94	+ 0.08	**−14.24**	54 10 0.15	45.895	+10.13	+1 18.6	17 32 10.78	.....	−15 20 17.3	....
41	β Ophiuchi	9	39 2.56	+ 0.25	**−14.19**	34 13 59.52	45.820	+10.14	+ 38.7	17 38 48.57	.....	+ 4 36 24.8	....
42	γ Ophiuchi	9	43 23.55	+ 0.23	−14.24	36 5 58.48	45.280	+10.15	+ 41.5	17 43 9.54	− 1.83	+ 2 44 35.4	− 3.6
43	9 G. Sagittarii	9	50 35.88	+ 0.04	−14.24	57 35 59.90	47.422	+10.17	+1 29.6	17 50 21.68	− 2.00	−18 47 3.3	− 7.4
44	ξ Herculis	9	54 20.03	+ 0.44	−14.24	9 35 58.48	44.462	+10.18	+ 9.7	17 54 6.23	− 1.82	+29 15 25.8	− 0.1
45	72 Ophiuchi	9	3 6.47	+ 0.28	**−14.24**	29 18 0.42	44.522	+10.20	+ 32.0	18 2 52.51	.....	+ 9 33 0.2	....
46	36 Draconis	9	13 36.97	+ 0.98	−14.24	334 29 56.25	45.135	+10.23	− 27.0	18 13 23.71	− 2.71	+64 21 49.3	+ 2.9
47	446 B. Herculis	9	18 26.53	+ 0.40	−14.24	15 37 59.05	42.230	+10.24	+ 16.0	18 18 12.69	− 1.74	+23 14 9.6	− 0.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 17 46	29.81	69.8	70.0
13 3 21	29.92	77.8	76.6
16 11 32	29.615	71.6	70.0
11 53	......	....	69.8
12 15	......	....	69.2
12 29	29.62	70.0	....
13 11	29.62	68.9	67.8
14 48	29.64	68.1	67.2
17 3 36	29.615	68.3	67.6
18 16 14	29.63	58.8	57.9
16 53	......	....	56.9
17 0	29.63	57.8	....
17 48	29.63	56.4	55.1

Micrometer bisections are made at II, VI, except as noted below.

4, 10, 17–20, 24, 30, 32, 36, 37, 43, 47.	Bisections at I, II.
5, 25, 27.	Bisections at VI, VII.
9, 16, 35, 46.	Bisections at III, V.
12.	Bisections at III, IV, V.
13.	Bisections at b_4, b_5, b_6.
22.	Z. D. threads C used.
22.	Bisections at I, II, VI, VII.
31.	Bisections at b_3, b_7.

Notes.

8–10, 27–33.	Clouds.
9, 10.	Faint.
19.	Observed head north.
34–47.	Somewhat unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 3.1	+15 51.1	...	+15 54.2
5	+ 3.0	−15 51.1	...	−15 48.1
22	+ 13.4	0.0	...	+ 13.4
24	+ 2.8	−15 48.7	...	−15 45.9
25	+ 2.9	+15 48.6	...	+15 51.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	φ Draconis	9	22 23.61	+ 1.27	−14.24	327 35 55.62	42.015	+10.26	− 36.0	18 22 10.64	− 3.37	+71 17 10.2	+ 3.4
2	Mercury C, C.	9	7 30.86	+ 0.25	−14.23	29 36 0.10	46.286	+10.51	+ 31.7	2 7 16.88	− 0.13	+ 9 14 20.2	....
	May 19, Br.												
3	Sun I, N.	7	42 8.87	+ 0.33	−14.23	18 51 58.20	44.208	+10.49	+ 19.0	3 41 54.97	+67.50	+19 59 22.2	....
4	Sun II, S.	9	44 23.87	+ 0.33	−14.23	19 23 58.70	43.295	+10.49	+ 19.6	3 44 9.97	−67.50	+19 27 42.1	....
	May 19, Ei.-Y.												
5	κ Virginis	9	8 5.56	+ 0.10	**−14.09**	48 40 0.48	45.855	+ 9.44	+1 4.2	14 7 51.54	.....	− 9 50 1.7	....
6	B. D.− 5°3837	9	9 40.20	+ 0.13	−14.12	44 20 0.95	47.390	+ 9.44	+ 55.2	14 9 26.21	− 1.90	− 5 30 28.3	+ 4.1
7	B. D.−19°3846	9	12 27.20	+ 0.02	−14.12	58 19 59.38	48.612	+ 9.44	+1 31.5	14 12 13.10	− 2.14	−19 31 30.8	+ 5.9
8	λ Virginis	9	14 14.09	+ 0.08	**−14.10**	51 45 56.40	46.030	+ 9.44	+1 11.7	14 14 0.05	.....	−12 56 9.1	....
9	B. D.−14°3944	9	18 56.73	+ 0.06	−14.12	53 21 56.85	44.668	+ 9.44	+1 15.9	14 18 42.67	− 2.06	−14 31 42.6	+ 4.9
10	B. D.−16°3867	9	21 59.46	+ 0.04	−14.12	56 3 55.68	44.015	+ 9.44	+1 23.9	14 21 45.38	− 2.12	−17 13 34.4	+ 5.0
11	B. D.−21°3917	9	25 33.70	− 0.01	−14.12	60 51 55.52	45.450	+ 9.44	+1 41.2	14 25 19.57	− 2.22	−22 2 24.4	+ 5.3
12	B. D.− 9°3962	9	27 45.65	+ 0.10	−14.12	48 9 56.92	47.040	+ 9.44	+1 3.2	14 27 31.63	− 2.00	− 9 20 24.2	+ 3.7
13	B. D.− 9°3975	9	34 9.95	+ 0.10	−14.12	48 57 57.92	47.915	+ 9.44	+1 5.0	14 33 55.93	− 2.02	−10 8 46.9	+ 3.4
14	B. D.−13°3957	9	37 7.62	+ 0.07	−14.12	52 15 56.78	48.065	+ 9.44	+1 13.1	14 36 53.57	− 2.08	−13 26 57.6	+ 3.6
15	μ Virginis	9	38 19.12	+ 0.14	**−14.12**	44 5 57.70	43.148	+ 9.44	+ 54.8	14 38 5.14	.....	− 5 14 47.7	....
16	B. D.−18°3891	9	40 59.18	+ 0.02	−14.12	57 23 56.02	47.102	+ 9.44	+1 28.4	14 40 45.08	− 2.18	−18 34 49.9	+ 3.9
17	μ Libræ (*brighter*)	9	44 22.67	+ 0.07	−14.12	52 35 55.55	43.742	+ 9.44	+1 14.0	14 44 8.62	− 2.10	−13 45 18.3	+ 3.2
18	B. D.−14°4055	9	47 32.93	+ 0.06	−14.12	53 49 55.45	45.280	+ 9.44	+1 17.4	14 47 18.87	− 2.13	−14 59 56.7	+ 3.1
19	B. D.−19°3979	9	49 58.81	+ 0.01	−14.12	58 27 55.32	43.862	+ 9.44	+1 32.1	14 49 44.70	− 2.22	−19 37 38.8	+ 3.4
20	B. D.−16°3972	9	53 2.65	+ 0.04	−14.12	55 47 55.68	47.910	+ 9.44	+1 23.2	14 52 48.57	− 2.17	−16 59 2.8	+ 3.0
21	B. D.−14°4085	9	55 14.67	+ 0.06	−14.12	53 9 55.70	48.375	+ 9.44	+1 15.6	14 55 0.61	− 2.13	−14 21 5.9	+ 2.6
22	γ Scorpii	9	58 46.88	− 0.04	−14.12	63 43 55.50	45.405	+ 9.44	+1 54.3	14 58 32.72	.....	−24 54 36.5	....
23	B. D.−15°4026	9	1 35.71	+ 0.05	−14.12	54 43 55.90	43.682	+ 9.44	+1 19.9	15 1 21.64	− 2.17	−15 53 23.1	+ 2.3
24	C. P. D.−25°5557	9	4 57.78	− 0.06	−14.12	64 47 56.92	44.325	+ 9.44	+1 59.9	15 4 43.60	− 2.30	−25 58 18.7	+ 2 7
25	B. D.−18°3997	9	7 4.53	+ 0.02	−14.12	57 33 55.10	47.340	+ 9.44	+1 29.0	15 6 50.43	− 2.23	−18 44 55.0	+ 2.2
26	B. D.−21°4065	9	11 8.84	− 0.01	−14.12	60 51 56.15	46.828	+ 9.44	+1 41.4	15 10 54.71	− 2.30	−22 2 56.6	+ 2.0
27	β Libræ	9	12 9.68	+ 0.11	**−14.10**	47 51 55.55	46.140	+ 9.44	+1 2.6	15 11 55.67	.....	− 9 2 1.6	....
28	ε Ophiuchi	9	13 33.61	+ 0.18	**−14.11**	43 17 56.12	45.588	+ 9.76	+ 53.4	16 13 19.67	.....	− 4 27 40.8	....
29	λ Ophiuchi	9	26 23.18	+ 0.23	**−14.14**	36 39 55.10	43.040	+ 9.76	+ 42.2	16 26 9.29	.....	+ 2 11 29.7	....
30	B. D.−15°4340	9	28 54.08	+ 0.09	−14.12	54 9 57.00	44.362	+ 9.76	+1 18.4	16 28 40.05	− 2.16	−15 19 38.6	− 2.9
31	B. D.−22°4182	9	32 54.06	+ 0.01	−14.12	61 31 54.98	44.238	+ 9.76	+1 44.3	16 32 39.95	− 2.29	−22 41 59.6	− 3.6
32	C. P. D.−24°5720	9	36 6.99	0.00	−14.12	63 5 54.98	46.535	+ 9.76	+1 51.5	16 35 52.87	− 2.32	−24 16 59.3	− 3.9
33	C. P. D.−27°5463	9	38 40.02	− 0.04	−14.12	66 5 56.48	44.837	+ 9.76	+2 7.5	16 38 25.86	− 2.38	−27 16 37.8	− 4.3
34	B. D.−20°4563	9	43 41.04	+ 0.04	−14.12	59 5 54.95	48.025	+ 9.76	+1 34.7	16 43 26.96	− 2.22	−20 17 16.5	− 4.1
35	C. P. D.−27°5499	9	45 26.19	− 0.05	−14.12	66 37 55.60	45.578	+ 9.76	+2 10.8	16 45 12.02	− 2.38	−27 48 57.3	− 4.8
36	B. D.−21°4443	9	49 14.19	+ 0.02	−14.12	60 31 56.00	48.075	+ 9.76	+1 40.3	16 49 0.09	− 2.24	−21 43 24.2	− 4.5
37	B. D.−19°4471 (*fol.*)	9	51 45.23	+ 0.05	−14.12	58 11 54.75	48.350	+ 9.76	+1 31.5	16 51 31.16	− 2.19	−19 23 20.6	− 4.5
38	C. P. D.−28°5491	9	54 46.82	− 0.05	−14.12	67 17 56.80	46.635	+ 9.76	+2 15.2	16 54 32.65	− 2.37	−28 29 27.0	− 5.6
39	C. P. D.−25°5921	9	58 26.37	− 0.02	−14.12	64 21 54.85	48.155	+ 9.76	+1 58.0	16 58 12.23	− 2.30	−25 33 42.7	− 5.5
40	C. P. D.−26°5818	9	1 16.38	− 0.03	−14.12	65 11 56.78	46.015	+ 9.76	+2 2.5	17 1 2.23	− 2.31	−26 23 0.2	− 5.8
41	Moon II, N.	9	7 59.42	+ 0.05	−14.12	57 19 56.05	47.229	+ 9.76	+1 28.5	17 7 45.35	−71.26	−18 30 53.3	....
42	C. P. D.−28°5600	9	11 57.87	− 0.06	−14.12	67 37 55.58	47.780	+ 9.76	+2 17.6	17 11 43.69	− 2.33	−28 49 54.4	− 6.8
43	B. D.−18°4489	9	14 11.48	+ 0.05	−14.12	57 41 55.50	42.858	+ 9.76	+1 29.7	17 13 57.41	− 2.13	−18 51 14.0	− 5.7
44	C. P. D.−26°5883	9	16 45.45	− 0.02	−14.12	64 55 56.42	46.510	+ 9.76	+2 1.1	17 16 31.31	− 2.26	−26 7 9.8	− 6.7
45	B. D.−18°4516	9	19 19.44	+ 0.06	−14.12	57 11 55.95	43.332	+ 9.76	+1 28.0	17 19 5.38	− 2.11	−18 21 23.6	− 5.9
46	B. D.−20°4775	9	22 52.34	+ 0.03	−14.12	59 41 55.02	47.220	+ 9.76	+1 37.2	17 22 38.25	− 2.14	−20 53 0.7	− 6.4
47	C. P. D.−29°4767	9	27 16.31	− 0.07	−14.12	68 23 55.52	44.642	+ 9.76	+2 22.8	17 27 2.12	− 2.30	−29 34 47.9	− 7.9
48	ξ Serpentis	9	32 24.88	+ 0.09	**−14.17**	54 9 55.72	46.068	+ 9.76	+1 18.7	17 32 10.85	.....	−15 20 16.6	....
49	C. P. D.−25°6038	9	34 58.63	− 0.02	−14.12	64 23 55.60	44.255	+ 9.76	+1 58.3	17 34 44.49	− 2.18	−25 34 14.5	− 7.7
50	B. D.−17°4903	9	38 52.52	+ 0.06	−14.12	56 31 54.62	44.928	+ 9.76	+1 25.9	17 38 38.46	− 2.04	−17 41 56.6	− 6.7
51	X Sagittarii	9	41 51.14	− 0.04	−14.12	66 35 55.45	47.230	+ 9.76	+2 11.0	17 41 36.98	− 2.20	−27 47 35.1	− 8.5
52	C. P. D.−27°5802	9	44 40.81	− 0.04	−14.12	65 51 56.65	42.590	+ 9.76	+2 6.4	17 44 26.65	− 2.17	−27 1 45.6	− 8.5
53	B. D.−19°4728	9	46 59.60	+ 0.05	−14.12	57 55 55.20	44.105	+ 9.76	+1 30.7	17 46 45.53	− 2.04	−19 5 43.2	− 7.3
54	B. D.−21°4779	8	50 54.34	+ 0.02	−14.12	60 45 55.55	45.102	+ 9.76	+1 41.5	17 50 40.24	− 2.06	−21 56 17.1	− 8.0
55	C. P. D.−23°6707	9	54 15.73	0.00	−14.12	62 37 55.40	44.890	+ 9.76	+1 49.6	17 54 1.61	− 2.08	−23 48 20.2	− 8.5
56	B. D.−19°4800	9	56 32.39	+ 0.05	−14.12	57 55 56.20	45.185	+ 9.76	+1 30.7	17 56 18.32	− 2.00	−19 6 8.9	− 7.8
57	B. D.−17°5001	9	58 5.55	+ 0.07	−14.12	56 25 54.88	46.602	+ 9.76	+1 25.7	17 57 51.50	− 1.98	−17 36 34.9	− 7.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 18 22	[illegible]	55.2	54.1
2 8	29.67	66.1	65.1
19 3 44	29.67	68.2	66.8
14 5	29.67	59.1	59.7
14 40	.	.	58.1
14 51	29.675	58.3	58.1
15 14	29.67	58.3	58.0
16 11	29.66	57.6	57.3
16 40	....	.....	57.0
17 9	29.66	56.8	56.0
17 37	....	....	55.3

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at III, V.
2. Bisections at I, II, VI, VII.
3, 14. Bisections at I, II.
4. Bisections at VI, VII.
10, 13. 20. 23. 24. 27. 36. 38. 49. 52. } Bisections at II, VII.
26. 33. Bisections at II, VI, VII.
41. Bisections at II, III, IV, V, VI.

Notes.

5-26. Images rather poor, unsteady.
48. Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
2	+ 5.4	.. ....	− 1.0	+ 4.4
3	+ 2.8	−15 50.0	...	−15 47.2
4	+ 2.9	+15 50.0	...	+15 52.9
41	+49 58.9	−16 14.6	...	+33 44.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −21°4855	9	1 45.56	+ 0.03	−14.12	60 16	......	.....	. ....	18 1 31.47	− 2.01	−21 27	....
2	B. D. −20°5027	9	6 33.88	+ 0.04	−14.12	59 15 55.55	46.050	+ 9.76	+1 35.6	18 6 19.80	− 1.98	−20 26 32.9	− 8.4
3	B. D. −20°5055	9	9 49.90	+ 0.04	−14.12	59 13 55.08	46.965	+ 9.76	+1 35.5	18 9 35.82	− 1.96	−20 24 53.2	− 8.6
4	B. D. −18°4886	9	12 10.17	+ 0.06	−14.12	57 19 56.00	44.200	+ 9.76	+1 28.7	18 11 56.11	− 1.93	−18 29 44.2	− 8.3
5	C. P. D. −26°6410	9	15 34.48	− 0.02	−14.12	64 55 56.45	47.375	+ 9.76	+2 1.4	18 15 20.34	− 2.02	−26 7 30.1	−10.0
6	η Serpentis	9	16 39.34	+ 0.19	**−14.12**	41 45 55.65	44.872	+ 9.76	+ 50.9	18 16 25.41	.....	− 2 55 21.4	....
7	C. P. D. −24°6386	9	19 31.47	− 0.01	−14.12	63 17 55.65	43.305	+ 9.76	+1 52.8	18 19 17.34	− 1.98	−24 27 47.5	− 9.8
8	C. P. D. −23°7090	9	22 37.44	+ 0.01	−14.12	61 51 55.75	47.700	+ 9.76	+1 46.3	18 22 23.33	− 1.94	−23 3 21.4	− 9.7
9	B. D. −20°5160	9	25 10.73	+ 0.04	−14.12	59 9 55.32	47.080	+ 9.76	+1 35.3	18 24 56.65	− 1.90	−20 20 55.9	− 9.2
10	C. P. D. −27°6468	9	29 52.83	− 0.04	−14.12	66 13 55.58	45.368	+ 9.76	+2 8.8	18 29 38.67	− 1.97	−27 24 50.5	−10.9
11	B. D. −21°5076	9	32 29.06	+ 0.03	−14.12	60 17 57.45	45.570	+ 9.76	+1 39.7	18 32 14.97	− 1.88	−21 28 27.9	− 9.7
12	B. D. −18°5037	9	36 19.43	+ 0.06	−14.12	56 53 55.28	46.268	+ 9.76	+1 27.3	18 36 5.37	− 1.82	−18 4 29.3	− 9.1
13	4 H. Scuti	9	37 20.07	+ 0.14	**−14.06**	47 57 58.75	47.328	+ 9.76	+1 3.2	18 37 6.09	.....	− 9 8 32.9	....
14	B. D. −21°5131	9	39 54.36	+ 0.03	−14.12	59 55 56.02	43.855	+ 9.76	+1 38.2	18 39 40.27	− 1.84	−21 5 45.8	− 9.9
15	C. P. D. −23°7256	9	42 25.77	+ 0.01	−14.12	62 9 55.80	47.962	+ 9.76	+1 47.7	18 42 11.66	− 1.85	−23 21 28.9	−10.6
16	30 Sagittarii	9	45 23.79	+ 0.02	−14.12	61 5 56.28	44.585	+ 9.76	+1 42.9	18 45 9.69	− 1.82	−22 16 7.4	−10.4
17	B. D. −21°5176	9	48 35.37	+.0.03	−14.12	60 17 56.42	45.575	+ 9.76	+1 39.6	18 48 21.28	− 1.80	−21 28 26.9	−10.3
18	C. P. D. −24°6551	9	51 10.30	− 0.01	−14.12	63 33 55.78	44.965	+ 9.76	+1 54.2	18 50 56.17	− 1.82	−24 44 26.8	−11.2
19	C. P. D. −26°6610	9	54 39.14	− 0.03	−14.12	65 7 56.75	45.030	+ 9.76	+2 2.4	18 54 24.99	− 1.82	−26 18 37.6	−11.7
20	B. D. −19°5275	9	57 48.04	+ 0.05	−14.12	58 3 55.08	45.598	+ 9.76	+1 31.2	18 57 33.97	− 1.72	−19 14 17.7	−10.1
21	λ Aquilæ	9	1 28.12	+ 0.17	**−14.19**	43 51 55.70	44.908	+ 9.76	+ 54.7	19 1 14.17	.....	− 5 1 26.1	....
	May 19, M.												
22	Venus II, N	9	45 9.31	+ 0.28	−14.09	27 41 55.58	44.422	+10.71	+ 29.7	1 44 55.50	− 1.62	+11 9 9.1	....
23	Mercury C, C	9	10 54.00	+ 0.27	−14.09	29 17 57.28	47.548	+10.71	+ 31.7	2 10 40.18	− 0.12	+ 9 31 54.0	....
	May 20, M.												
24	Sun I, S	9	46 7.92	+ 0.33	−14.09	19 9 54.40	46.685	+10.53	+ 19.7	3 45 54.16	+67.54	+19 40 28.6	....
25	Sun II, N	9	48 23.00	+ 0.33	−14.09	18 37 56.38	47.592	+10.53	+ 19.1	3 48 9.24	−67.54	+20 12 6.7	....
26	Mars I, C	5	42 31.43	+ 0.07	−14.06	55 3 57.08	50.281	+10.53	+1 22.0	14 42 17.44	+ 0.64	−16 14 22.9	....
27	Mars II	5	42 32.70	+ 0.07	−14.06	... .	......	.....	. ....	14 42 18.71	− 0.63	.. ..	....
28	β Serpentis	9	42 3.79	+ 0.31	**−14.00**	23 8	......	.....	. ....	15 41 50.04	.....	+15 43	....
29	ε Serpentis	9	46 20.61	+ 0.24	**−14.10**	34 4	......	.....	. ....	15 46 6.79	.....	+ 4 45	....
30	B. D. +37°2696	9	55 46.16	+ 0.49	−14.06	1 37 53.10	46.840	+10.70	+ 1.7	15 55 32.59	− 1.92	+37 12 44.3	− 2.5
31	B. D. +35°2764	9	59 54.14	+ 0.47	−14.06	3 53 54.30	46.105	+10.71	+ 4.0	15 59 40.55	− 1.91	+34 56 57.6	− 2.3
32	B. D. +39°2953	9	4 14.66	+ 0.51	−14.06	359 45 58.55	46.100	+10.72	− 0.2	16 4 1.11	− 1.95	+39 4 57.6	− 2.5
33	B. D. +35°2788	8	8 26.73	+ 0.48	−14.06	3 29 56.58	43.078	+10.73	+ 3.6	16 8 13.15	− 1.93	+35 22 4.9	− 2.2
34	B. D. +36°2714	9	12 38.94	+ 0.49	−14.06	2 3 55.42	44.920	+10.74	+ 2.1	16 12 25.37	− 1.94	+36 47 25.4	− 2.2
35	B. D. +37°2741	9	17 8.55	+ 0.49	−14.06	1 39 54.88	43.005	+10.75	+ 1.7	16 16 54.98	− 1.95	+37 12 10.1	− 2.1
36	B. D. +38°2769	9	21 12.36	+ 0.51	−14.06	0 9 54.30	44.175	+10.75	+ 0.2	16 20 58.81	− 1.96	+38 41 45.4	− 2.1
37	B. D. +40°3020	9	25 34.02	+ 0.52	−14.06	358 51 54.25	45.890	+10.76	− 1.1	16 25 20.48	− 1.98	+39 59 7.6	− 2.0
38	B. D. +36°2747	9	30 4.84	+ 0.49	−14.06	2 11 55.00	46.390	+10.77	+ 2.3	16 29 51.27	− 1.95	+36 38 52.0	− 1.9
39	B. D. +37°2778	9	34 21.28	+ 0.50	−14.06	1 9 54.08	46 488	+10.78	+ 1.2	16 34 7.72	− 1.97	+37 40 51.8	− 1.8
40	B. D. +36°2772	9	39 56.55	+ 0.49	−14.06	2 9 55.72	45.410	+10.80	+ 2.2	16 39 42.98	− 1.96	+36 41 13.7	− 1.7
41	B. D. +39°3044	9	44 37.97	+ 0.52	−14.06	359 13 55.68	46.610	+10.81	− 0.7	16 44 24.43	− 1.99	+39 36 49.2	− 1.6
42	B. D. +35°2878	9	49 1.55	+ 0.48	−14.06	3 11 55.08	46.470	+10.82	+ 3.3	16 48 47.97	− 1.95	+35 38 49.0	− 1.5
43	κ Ophiuchi	9	53 26.03	+ 0.27	**−14.11**	29 19 57.32	43.735	+10.83	+ 32.4	16 53 12.24	.....	+ 9 31 20.3	....
44	B. D. +39°3074	9	58 57.12	+ 0.52	−14.06	358 59 55.22	45.700	+10.84	− 0.9	16 58 43.58	− 2.00	+39 51 10.7	− 1.2
45	B. D. +35°2917	9	3 32.78	+ 0.48	−14.06	3 23 54.75	46.150	+10.85	+ 3.5	17 3 19.20	− 1.95	+35 26 56.5	− 1.2
46	B. D. +40°3111	9	7 39.19	+ 0.52	−14.06	358 53 54.95	43.428	+10.86	− 1.1	17 7 25.65	− 2.00	+39 58 3.0	− 1.0
47	δ Herculis	9	11 23.35	+ 0.38	**−14.07**	13 53 55.22	45.398	+10.87	+ 14.3	17 11 9.67	.....	+24 57 2.4	....
48	B. D. +39°3104	9	16 48.68	+ 0.51	−14.06	359 27 55.58	45.692	+10.88	− 0.5	17 16 35.13	− 1.99	+39 23 10.1	− 0.8
49	B. D. +37°2881	9	21 9.04	+ 0.49	−14.06	1 49 54.05	47.442	+10.89	+ 1.9	17 20 55.47	− 1.96	+37 0 29.2	− 0.7
50	B. D. +35°2986	9	26 19.79	+ 0.47	−14.06	3 49 56.38	46.648	+10.90	+ 3.9	17 26 6.20	− 1.94	+35 0 43.0	− 0.7
51	α Ophiuchi	9	30 47.10	+ 0.29	**−14.04**	26 13 56.60	42.882	+10.91	+ 28.5	17 30 33.33	.....	+12 37 44.3	....
52	B. D. +35°3029	9	36 47.93	+ 0.48	−14.06	2 59 57.20	42.278	+10.92	+ 3.1	17 36 34.35	− 1.94	+35 52 22.8	− 0.4
53	μ Herculis	9	42 59.92	+ 0.41	**−14.03**	11 3 56.78	46.810	+10.94	+ 11.4	17 42 46.27	.....	+27 46 31.4	....
54	Moon II, N	9	9 55.44	+ 0.04	−14.06	58 19 55.60	47.327	+11.00	+1 33.9	18 9 41.42	−70.61	−19 31 1.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 18 4	29.65	55.5	55.0
18 34	......	....	54.5
19 2	29.64	54.9	54.7
1 45	29.76	61.7	60.2
2 11	29.76	62.4	60.5
20 3 48	29.785	62.9	61.3
14 44	29.85	55.4	55.0
15 49	29.85	53.6	52.9
16 17	......	....	52.2
16 37	29.85	52.9	53.0
17 17	......	....	52.3
17 44	29.85	52.6	50.7
18 10	29.86	51.0	49.5

Micrometer bisections are made at II, VI, except as noted below.

3, 8, 18, 53. Bisections at II, VII.
5,24. Bisections at I, II.
22, 23, 26. Bisections at I, II, VI, VII.
25. Bisections at VI, VII.
26. Z. D. threads C used.
54. Bisections at II, III, IV, V, VI.

Notes

28–54. Conditions rather poor.
31,33,35,39,49,52. Observed head south.
32,48. Observed head north.
53. Very poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
22	+ 11.3	− 23.8	...	− 12.5
23	+ 5.3	.. ....	− 0.9	+ 4.4
24	+ 2.8	+15 49.0	...	+15 51.8
25	+ 2.7	−15 49.0	...	−15 46.3
26	+ 13.3	.. ....	0.0	+ 13.3
54	+49 49.4	−16 0.8	...	+33 48.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	May 21, Br.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mars I, C.	4	41 11.00	+ 0.06	−14.20	55 1 56.35	46.994	+10.18	+1 21.3	14 40 56.86	+ 0.72	−16 11 6.0	....
2	Mars II.	4	41 12.42	+ 0.06	−14.20	... .	......	.....	. ....	14 40 58.28	− 0.70	.. ..	....
3	β Serpentis.	9	42 3.95	+ 0.29	**−14.13**	23 7 55.45	44.745	+10.18	+ 24.4	15 41 50.04	.....	+15 43 7.4	....
4	ε Serpentis.	9	46 20.74	+ 0.22	**−14.20**	34 3 55.98	47.650	+10.18	+ 38.6	15 46 6.76	.....	+ 4 45 46.6	....
5	B. D.+37°2696.	9	55 46.27	+ 0.47	−14.20	1 37 53.50	46.805	+10.18	+ 1.7	15 55 32.54	− 1.93	+37 12 45.3	− 2.8
6	B. D.+35°2764.	9	59 54.26	+ 0.46	−14.20	3 53 54.78	46.100	+10.18	+ 4.0	15 59 40.52	− 1.92	+34 56 57.8	− 2.6
7	B. D.+39°2953.	9	4 14.76	+ 0.50	−14.20	359 45 53.62	46.302	+10.18	− 0.2	16 4 1.06	− 1.96	+39 4 58.5	− 2.7
8	B. D.+35°2788.	9	8 26.85	+ 0.46	−14.20	3 29 54.40	43.182	+10.18	+ 3.5	16 8 13.11	− 1.93	+35 22 5.4	− 2.5
9	B. D.+36°2714.	9	12 39.07	+ 0.48	−14.20	2 3 54.22	44.982	+10.18	+ 2.1	16 12 25.35	− 1.95	+36 47 25.8	− 2.4
10	B. D.+37°2741.	9	17 8.73	+ 0.48	−14.20	1 39 53.08	43.100	+10.18	+ 1.7	16 16 55.01	− 1.96	+37 12 10.4	− 2.4
11	B. D.+38°2769.	9	21 12.46	+ 0.50	−14.20	0 9 53.38	44.192	+10.18	+ 0.2	16 20 58.76	− 1.97	+38 41 46.6	− 2.3
12	B. D.+40°3020.	9	25 34.14	+ 0.51	−14.20	358 51 53.28	45.935	+10.18	− 1.1	16 25 20.45	− 1.99	+39 59 8.2	− 2.3
13	B. D.+36°2747.	9	30 4.96	+ 0.48	−14.20	2 11 53.42	46.448	+10.18	+ 2.3	16 29 51.24	− 1.96	+36 38 52.9	− 2.1
14	B. D.+37°2778.	9	34 21.38	+ 0.49	−14.20	1 9 53.50	46.538	+10.18	+ 1.2	16 34 7.67	− 1.98	+37 40 51.9	− 2.1
15	B. D.+36°2772.	9	39 56.71	+ 0.48	−14.20	2 9 54.08	45.475	+10.18	+ 2.2	16 39 42.99	− 1.97	+36 41 14.6	− 1.9
16	B. D.+39°3044.	8	44 38.09	+ 0.51	−14.20	359 13 55.38	46.645	+10.18	− 0.7	16 44 24.40	− 2.00	+39 36 49.4	− 1.8
17	B. D.+35°2878.	8	49 1.67	+ 0.48	−14.20	3 11 54.88	46.480	+10.18	+ 3.3	16 48 47.95	− 1.96	+35 38 49.7	− 1.7
18	κ Ophiuchi.	9	53 26.13	+ 0.27	**−14.20**	29 19 55.85	43.818	+10.18	+ 32.1	16 53 12.20	.....	+ 9 31 20.5	....
19	B. D.+39°3074.	9	58 57.21	+ 0.52	−14.20	358 59 54.78	45.715	+10.18	− 0.9	16 58 43.53	− 2.01	+39 51 11.5	− 1.5
20	B. D.+35°2917.	9	3 32.98	+ 0.48	−14.20	3 23 55.08	46.145	+10.18	+ 3.5	17 3 19.26	− 1.96	+35 26 57.0	− 1.4
21	B. D.+40°3111.	9	7 39.36	+ 0.52	−14.20	358 53 54.45	43.462	+10.18	− 1.0	17 7 25.68	− 2.01	+39 58 3.4	− 1.2
22	δ Herculis.	9	11 23.52	+ 0.39	**−14.24**	13 53 55.42	45.430	+10.18	+ 14.2	17 11 9.71	.....	+24 57 2.5	....
23	B. D.+39°3104.	9	16 48.82	+ 0.52	−14.20	359 27 55.30	45.720	+10.18	− 0.5	17 16 35.14	− 2.00	+39 23 10.5	− 1.0
24	B. D.+37°2881.	6	21 9.23	+ 0.50	−14.20	1 49 54.38	47.425	+10.18	+ 1.9	17 20 55.53	− 1.98	+37 0 30.0	− 1.0
25	α Ophiuchi.	9	30 47.29	+ 0.30	**−14.22**	26 13 56.58	42.898	+10.18	+ 28.2	17 30 33.39	.....	+12 37 44.7	....
26	μ Herculis.	9	43 0.13	+ 0.42	**−14.23**	11 3 56.02	46.865	+10.18	+ 11.2	17 42 46.35	.....	+27 46 31.9	....
27	ν Ophiuchi.	9	54 3.79	+ 0.13	**−14.17**	48 35 57.58	44.972	+10.18	+1 4.9	17 53 49.72	.....	− 9 45 40.0	....
28	δ Ursæ Minoris.	8	3 19.70	+ 5.71	−14.20	312 15 51.10	44.340	+10.18	−1 2.7	18 3 11.21	.....	+86 36 48.1	....
29	η Serpentis.	9	16 39.49	+ 0.19	**−14.23**	41 45 55.25	44.872	+10.18	+ 51.3	18 16 25.48	.....	− 2 55 21.8	....
30	δ Draconis.	9	22 47.22	+ 0.83	−14.20	340 7 53.28	42.732	+10.18	− 20.7	18 22 33.85	.....	+58 44 41.0	....
31	Moon II, N.	9	10 5.66	+ 0.05	−14.20	58 5 55.08	42.413	+10.18	+1 32.4	19 9 51.51	−69.29	−19 15 6.5	....
	May 21, Hl.												
32	Venus II.	9	46 32.06	+ 0.32	−14.23	27 58	......	.....	. ....	1 46 18.15	− 1.57	.. ..	....
33	Mercury II, C.	9	18 16.81	+ 0.30	−14.23	28 37 58.22	47.598	+10.51	+ 30.6	2 18 2.88	− 0.27	+10 11 53.2	....
	May 22, Hl.												
34	Sun I, S.	9	54 8.11	+ 0.34	−14.22	18 45 56.05	45.315	+10.52	+ 18.9	3 53 54.22	+67.68	+20 4 59.1	....
35	Sun II, N.	9	56 23.47	+ 0.34	−14.22	18 13 56.28	46.382	+10.52	+ 18.4	3 56 9.59	−67.69	+20 36 35.2	....
36	γ Corvi.	9	11 10.93	− 0.01	**−14.22**	55 49 57.48	48.052	+ 9.06	+1 22.4	12 10 56.69	.....	−17 1 6.7	....
37	η Virginis.	9	15 18.19	+ 0.13	**−14.20**	38 57 57.12	48.065	+ 9.06	+ 45.3	12 15 4.09	.....	− 0 8 29.6	....
38	δ Corvi.	9	25 12.64	+ 0.01	**−14.16**	54 47 57.35	49.025	+ 9.06	+1 19.3	12 24 58.42	.....	−15 59 25.7	....
39	24 Comæ Berenices.	9	30 37.14	+ 0.27	−14.23	19 55 55.00	48.042	+ 9.06	+ 20.4	12 30 23.18	.....	+18 53 57.9	....
40	76 Ursæ Majoris.	9	37 39.86	+ 0.79	−14.23	335 37 52.40	44.218	+ 9.06	− 25.3	12 37 26.42	.....	+63 14 13.4	....
41	12 Canum Venaticorum.	9	51 50.13	+ 0.44	−14.23	0 1 55.55	43.715	+ 9.06	+ 0.1	12 51 36.34	.....	+38 49 56.5	....
42	ε Virginis.	9	57 42.38	+ 0.22	**−14.25**	27 21 56.08	47.232	+ 9.06	+ 29.1	12 57 28.37	.....	+11 28 6.7	....
	May 22, Ei.-Y.												
43	κ Virginis.	9	8 5.59	+ 0.08	**−14.10**	48 39 57.15	46.025	+ 8.98	+1 3.9	14 7 51.56	.....	− 9 50 1.5	....
44	B. D.− 6°3952.	8	9 32.45	+ 0.11	−14.11	45 25 57.08	48.372	+ 8.98	+ 57.1	14 9 18.45	− 1.91	− 6 36 48.2	+ 4.2
45	B. D.−17°4053.	9	12 4.74	+ 0.01	−14.11	56 57 56.75	47.178	+ 8.98	+1 26.3	14 11 50.64	− 2.11	−18 8 49.8	+ 5.9
46	B. D.−11°3711.	9	13 58.48	+ 0.07	−14.11	50 27 57.50	44.660	+ 8.98	+1 8.0	14 13 44.44	− 2.00	−11 37 34.7	+ 4.8
47	2 Libræ.	9	18 34.86	+ 0.08	−14.10	50 5 55.55	48.278	+ 8.98	+1 7.2	14 18 20.84	− 2.01	−11 16 54.7	+ 4.5
48	B. D.−18°3821.	9	21 35.17	+ 0.01	−14.10	57 13 56.52	44.035	+ 8.98	+1 27.1	14 21 21.08	− 2.14	−18 23 38.5	+ 5.3
49	B. D.−14°3968.	9	25 18.04	+ 0.04	−14.10	53 39 57.25	44.712	+ 8.98	+1 16.3	14 25 3.98	− 2.09	−14 49 44.0	+ 4.6
50	B. D.−10°3920.	9	27 21.53	+ 0.08	−14.10	49 19 56.68	48.610	+ 8.98	+1 5.4	14 27 7.51	− 2.02	−10 31 1.6	+ 3.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 14 42	29.82	58.0	57.6
15 37	29.825	57.4	56.7
16 28	......	....	56.1
16 57	......	....	55.7
17 43	29.81	56.9	56.0
18 6	......	....	54.1
18 32	......	....	52.2
19 11	29.79	52.9	51.0
2 25	29.86	67.6	67.5
22 3 56	29.84	69.9	69.9
11 54	29.735	66.8	65.3
12 23	......	....	64.8
12 35	......	....	64.2
13 0	29.72	64.4	63.4
13 54	29.71	63.1	62 2
14 23	......	....	62.2

Micrometer bisections are made at II, VI, except as noted below.

1.	Z. D. threads C used.
1, 33.	Bisections at I, II, VI, VII.
3, 18, 25, 34.	Bisections at I, II.
5–17, 19–21, 23, 24, 30.	Bisections at III, V.
22, 35.	Bisections at VI, VII.
28.	Bisections at b_1, b_4, b_5, b_8, b_9.
31.	Bisections at II, III, IV, V, VI.

Notes.

6, 8, 10, 14, 24.	Observed head south.
7, 23.	Observed head north.
20–26, 46.	Clouds.
27.	Diffuse and unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 13.3	.. ....	0.0	+ 13.3
31	+48 53.9	−15 45.7	...	+33 8.2
33	+ 4.9	.. ....	− 0.8	+ 4.1
34	+ 2.8	+15 48.0	...	+15 50.8
35	+ 2.7	−15 48.0	...	−15 45.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	6 B. Libræ	9	32 12.60	+ 0.07	−14.10	50 43 55.70	46.285	+ 8.98	+1 8.7	14 31 58.57	− 2.05	−11 54 10.8	+ 3.8
2	B. D. −19°3939	9	36 20.82	0.00	−14.10	58 19 56.50	48.295	+ 8.98	+1 31.0	14 36 6.72	− 2.20	−19 31 19.8	+ 4.5
3	B. D. − 9°3984	8	38 36.09	+ 0.09	−14.10	48 7 58.50	45.410	+ 8.98	+1 2.7	14 38 22.08	− 2.03	− 9 17 47.8	+ 3.1
4	B. D. −19°3966	9	44 21.77	0.00	−14.10	58 19 54.92	46.495	+ 8.98	+1 31.0	14 44 7.67	− 2.22	−19 30 37.1	+ 3.9
5	B. D. −16°3953	9	46 59.69	+ 0.03	−14.10	55 55 55.98	48.190	+ 8.98	+1 23.1	14 46 45.62	− 2.18	−17 7 9.0	+ 3.5
6	ξ¹ Libræ	9	49 29.44	+ 0.08	−14.10	50 19 57.35	47.680	+ 8.98	+1 7.8	14 49 15.42	− 2.09	−11 30 43.4	+ 2.7
7	B. D. −11°3841	9	52 51.52	+ 0.07	−14.10	50 53 56.28	44.135	+ 8.98	+1 9.1	14 52 37.49	− 2.10	−12 3 22.6	+ 2.6
8	B. D. −19°4000	9	54 53.46	0.00	−14.10	58 35 55.28	45.420	+ 8.98	+1 31.9	14 54 39.36	− 2.25	−19 46 13.8	+ 3.2
9	B. D. −16°3992	9	58 31.37	+ 0.04	−14.10	55 1 56.52	48.442	+ 8.98	+1 20.4	14 58 17.31	− 2.18	−16 13 12.5	+ 2.6
10	B. D. −21°4030	9	1 14.52	− 0.02	−14.10	60 29 56.85	43.978	+ 8.98	+1 39.2	15 1 0.40	− 2.30	−21 39 49.6	+ 2.9
11	C. P. D. −23°6090	9	4 35.16	− 0.04	−14.10	62 25 55.85	47.900	+ 8.98	+1 47.5	15 4 21.02	− 2.35	−23 37 26.6	+ 2.8
12	ι Libræ	9	7 4.61	+ 0.01	**−14.11**	58 15 55.62	44.885	+ 8.98	+1 30.8	15 6 50.52	.....	−19 26 0.8	....
13	B. D. −17°4285	9	9 28.26	+ 0.03	−14.10	56 13 55.18	47.528	+ 8.98	+1 24.0	15 9 14.19	− 2.22	−17 24 53.9	+ 2.0
14	B. D. −19°4076	9	14 41.28	+ 0.01	−14.10	58 1 55.40	45.898	+ 8.98	+1 30.0	15 14 27.19	− 2.27	−19 12 22.8	+ 1.8
15	B. D. −16°4070	9	18 26.56	+ 0.04	−14.10	55 3 56.42	44.075	+ 8.98	+1 20.4	15 18 12.50	− 2.21	−16 13 32.9	+ 1.4
16	B. D. −21°4103	9	19 42.82	− 0.01	−14.10	60 31 56.58	45.720	+ 8.98	+1 39.3	15 19 28.71	− 2.32	−21 42 29.3	+ 1.6
17	32 Libræ	9	23 10.16	+ 0.04	**−14.14**	55 13 56.65	43.090	+ 8.98	+1 20.9	15 22 56.10	.....	−16 23 10.9	....
18	B. D. −20°4246	9	25 23.07	0.00	−14.10	59 13 55.50	45.140	+ 8.98	+1 34.3	15 25 8.97	− 2.30	−20 24 10.0	+ 1.1
19	C. P. D. −24°5526 (*fol.*)	9	27 48.59	− 0.04	−14.10	62 59 56.48	44.318	+ 8.98	+1 50.0	15 27 34.45	− 2.39	−24 10 7.9	+ 1.1
20	γ Libræ	9	30 28.87	+ 0.06	**−14.09**	53 17 56.45	46.610	+ 8.98	+1 15.4	15 30 14.83	.....	−14 28 25.6	....
21	B. D. −22°3989	9	32 29.33	− 0.02	−14.10	61 37 57.20	48.540	+ 8.98	+1 44.0	15 32 15.21	− 2.36	−22 49 39.1	+ 0.7
22	B. D. −21°4159	9	33 43.72	− 0.02	−14.10	60 59 56.68	43.935	+ 8.98	+1 41.2	15 33 29.60	− 2.34	−22 9 50.4	+ 0.6
23	B. D. −18°4136	9	37 27.80	+ 0.02	−14.10	57 7 55.42	45.635	+ 8.98	+1 26.9	15 37 13.72	− 2.27	−18 18 14.1	+ 0.2
24	C. P. D. −23°6252	9	38 55.53	− 0.04	−14.10	62 55 56.30	43.208	+ 8.98	+1 49.7	15 38 41.39	− 2.39	−24 5 42.0	+ 0.3
25	B. D. −13°4252	9	43 24.21	+ 0.07	−14.10	52 1 55.55	46.810	+ 8.98	+1 12.0	15 43 10.18	− 2.18	−13 12 25.9	− 0.3
26	B. D. −13°4269	9	46 36.24	+ 0.06	−14.10	52 39 56.48	47.828	+ 8.98	+1 13.7	15 46 22.20	− 2.19	−13 50 51.8	− 0.4
27	C. P. D. −24°5590	9	49 13.80	− 0.04	−14.10	63 45 55.40	48.490	+ 8.98	+1 53.9	15 48 59.66	− 2.42	−24 57 46.0	− 0.4
28	B. D. −21°4233	9	51 54.88	0.00	−14.10	60 1 55.88	46.132	+ 8.98	+1 37.4	15 51 40.78	− 2.33	−21 12 36.1	− 0.7
29	B. D. −19°4275	9	53 53.11	+ 0.01	−14.10	58 29 55.80	44.815	+ 8.98	+1 31.6	15 53 39.02	− 2.30	−19 40 0.1	− 0.8
30	B. D. −19°4295	9	57 52.14	+ 0.01	−14.10	58 23 55.15	46.490	+ 8.98	+1 31.3	15 57 38.05	− 2.30	−19 34 37.5	− 1.1
31	C. P. D. −23°6351	9	11 0.38	− 0.03	−14.10	62 51 55.70	45.825	+ 8.98	+1 49.6	16 10 46.25	− 2.39	−24 2 41.1	− 2.0
32	ε Ophiuchi	9	13 33.72	+ 0.14	**−14.15**	43 17 56.48	45.615	+ 8.98	+ 53.1	16 13 19.76	.....	− 4 27 40.7	....
33	B. D. −18°4266	9	15 15.36	+ 0.02	−14.10	57 17 56.30	44.205	+ 8.98	+1 27.5	16 15 1.28	− 2.27	−18 27 42.6	− 2.2
34	C. P. D. −26°5634	9	18 56.31	− 0.06	−14.10	65 43 56.38	48.088	+ 8.98	+2 4.5	16 18 42.15	− 2.45	−26 55 48.4	− 2.7
35	B. D. −15°4324	9	23 6.86	+ 0.05	−14.10	54 49 56.28	45.242	+ 8.98	+1 19.8	16 22 52.81	− 2.22	−15 59 58.6	− 2.6
36	ζ Ophiuchi	9	32 11.76	+ 0.10	**−14.11**	49 11 56.38	47.230	+ 8.98	+1 5.3	16 31 57.76	.....	−10 22 29.6	....
	May 22, Br.												
37	Venus II, N	9	47 25.22	+ 0.26	−14.21	28 3 56.20	46.949	+10.06	+ 30.2	1 47 11.27	− 1.55	+10 46 10.9	....
38	Mercury C, C	9	22 15.65	+ 0.26	−14.21	28 15 57.08	47.096	+10.06	+ 30.4	2 22 1.70	− 0.11	+10 34 6.5	....
	May 23, Br.												
39	Sun I, S	9	58 9.07	+ 0.32	−14.21	18 33 57.40	46.098	+10.14	+ 18.9	3 57 55.18	+67.78	+20 16 40.2	....
40	Sun II, N	9	0 24.64	+ 0.32	−14.21	18 1 55.78	47.060	+10.14	+ 18.3	4 0 10.75	−67.79	+20 48 20.7	....
41	Mars I, C	4	38 35.93	+ 0.06	−14.22	54 55 56.30	46.376	+10.44	+1 21.5	14 38 21.77	+ 0.70	−16 4 52.3	....
42	Mars II	5	38 37.32	+ 0.06	−14.22	... .	......	.....	. ....	14 38 23.16	− 0.69	.. ..	....
43	1 Lupi	9	9 4.91	− 0.11	−14.22	69 57 56.10	47.008	+10.44	+2 36.7	15 8 50.58	− 2.56	−31 9 57.3	+ 3.0
44	β Libræ	9	12 9.87	+ 0.12	**−14.27**	47 51 56.00	45.995	+10.44	+1 3.5	15 11 55.77	.....	− 9 2 1.0	....
45	β Coronæ Borealis	9	24 10.43	+ 0.41	**−14.23**	9 25 55.22	43.112	+10.44	+ 9.6	15 23 56.62	.....	+29 25 59.4	....
46	θ Coronæ Borealis	9	29 21.56	+ 0.43	−14.22	7 9 55.45	46.392	+10.44	+ 7.3	15 29 7.77	− 1.86	+31 40 46.9	− 3.1
47	φ Boötis	9	34 40.55	+ 0.52	−14.22	358 11 53.42	44.212	+10.44	− 1.7	15 34 26.85	− 1.92	+40 39 47.3	− 3.8
48	ι Serpentis	9	37 34.71	+ 0.33	−14.22	18 51 55.68	46.408	+10.44	+ 19.7	15 37 20.82	− 1.88	+19 58 33.6	− 2.0
49	β Serpentis	9	42 4.01	+ 0.30	**−14.19**	23 7 55.08	44.715	+10.44	+ 24.6	15 41 50.09	.....	+15 43 8.0	....
50	ε Serpentis	9	46 20.77	+ 0.22	**−14.22**	34 3 56.20	47.610	+10.44	+ 39.0	15 46 6.77	.....	+ 4 45 46.7	....
51	B. D. +37°2696	9	55 46.33	+ 0.48	−14.22	1 37 54.22	46.758	+10.44	+ 1.7	15 55 32.59	− 1.94	+37 12 45.4	− 3.2
52	B. D. +35°2764	9	59 54.28	+ 0.46	−14.22	3 53 55.08	46.075	+10.44	+ 4.0	15 59 40.52	− 1.93	+34 56 57.9	− 3.0
53	B. D. +39°2953	9	4 14.81	+ 0.50	−14.22	359 45 54.12	46.238	+10.44	− 0.2	16 4 1.09	− 1.97	+39 4 59.3	− 3.2
54	B. D. +35°2788	9	8 26.93	+ 0.47	−14.22	3 29 55.10	43.122	+10.44	+ 3.6	16 8 13.18	− 1.95	+35 22 5.7	− 2.9
55	B. D. +36°2714	9	12 39.14	+ 0.48	−14.22	2 3 54.65	44.910	+10.44	+ 2.1	16 12 25.40	− 1.96	+36 47 26.8	− 2.9
56	B. D. +37°2741	9	17 8.77	+ 0.48	−14.22	1 39 53.92	43.035	+10.44	+ 1.7	16 16 55.03	− 1.97	+37 12 10.8	− 2.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 14 50	29.70	62.4	61.9
15 16	.....	....	61.7
15 40	[illegible]	61.9	61.8
16 4	.....	....	61.3
16 33	29.68	61.4	60.8
1 47	29.82	61.3	60.8
2 22	29.82	62.7	61.9
23 4 0	29.82	65.6	65.2
14 39	29.89	57.0	55.7
15 12	.....	....	54.1
15 46	29.90	55.0	53.5
16 12	.....	....	53.0

Micrometer bisections are made at II, VI, except as noted below.

3, 15, 23, 39, 43–45, 47–49.	Bisections at I, II.
10, 14, 22.	Bisections at II, VII.
37, 38, 41.	Bisections at I, II, VI, VII.
40.	Bisections at VI, VII.
41.	Z. D. threads C used.
51–56.	Bisections at III, V.

Notes.

4, 25, 29, 30.	Clouds.
36.	Image poor; unsteady.
43.	Circle reading increased 1°.
43.	Diffuse.
50.	Faint; unsteady.
51, 55.	Observed head south.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
37	+ 10.9	− 22.7	...	− 11.8
38	+ 4.8	.. ....	−0.8	+ 4.0
39	+ 2.7	+15 50.3	...	+15 53.0
40	+ 2.7	−15 50.2	...	−15 47.5
41	+ 13.2	.. ....	0.0	+ 13.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. +38°2769	9	21 12.53	+ 0.50	−14.22	0 9 54.05	44.142	+10.44	+ 0.2	16 20 58.81	− 1.99	+38 41 46.8	− 2.8
2	B. D. +40°3020	9	25 34.19	+ 0.51	−14.22	358 51 54.52	45.875	+10.44	− 1.1	16 25 20.48	− 2.01	+39 59 8.1	− 2.8
3	B. D. +36°2747	9	30 5.02	+ 0.48	−14.22	2 11 54.15	46.398	+10.44	+ 2.3	16 29 51.28	− 1.98	+36 38 53.1	− 2.6
4	B. D. +37°2778	9	34 21.41	+ 0.49	−14.22	1 9 54.02	46.502	+10.44	+ 1.2	16 34 7.68	− 2.00	+37 40 51.9	− 2.5
5	B. D. +36°2772	9	39 56.78	+ 0.48	−14.22	2 9 54.10	45.440	+10.44	+ 2.2	16 39 43.04	− 1.99	+36 41 15.1	− 2.4
6	B. D. +39°3044	8	44 38.18	+ 0.51	−14.22	359 13 55.32	46.628	+10.44	− 0.7	16 44 24.47	− 2.02	+39 36 49.7	− 2.3
7	B. D. +35°2878	9	49 1.77	+ 0.47	−14.22	3 11 54.48	46.445	+10.44	+ 3.3	16 48 48.02	− 1.99	+35 38 50.7	− 2.2
8	κ Ophiuchi	9	53 26.17	+ 0.26	**−14.20**	29 19 57.15	43.745	+10.44	+ 32.5	16 53 12.21	.....	+ 9 31 20.5	....
9	B. D. +39°3074	9	58 57.29	+ 0.51	−14.22	358 59 55.05	45.702	+10.44	− 0.9	16 58 43.58	− 2.03	+39 51 11.3	− 2.0
10	B. D. +35°2917	9	3 33.08	+ 0.47	−14.22	3 23 55.25	46.110	+10.44	+ 3.5	17 3 19.33	− 1.99	+35 26 57.4	− 1.9
11	B. D. +40°3111	9	7 39.39	+ 0.51	−14.22	358 53 54.85	43.445	+10.44	− 1.1	17 7 25.68	− 2.04	+39 58 3.3	− 1.8
12	δ Herculis	9	11 23.56	+ 0.37	**−14.23**	13 53 55.68	45.382	+10.44	+ 14.4	17 11 9.71	.....	+24 57 2.9	....
13	B. D. +39°3104	9	16 48.87	+ 0.50	−14.22	359 27 54.92	45.718	+10.44	− 0.5	17 16 35.15	− 2.03	+39 23 10.6	− 1.5
14	B. D. +37°2881	9	21 9.31	+ 0.48	−14.22	1 49 54.52	47.422	+10.44	+ 1.9	17 20 55.57	− 2.00	+37 0 29.7	− 1.5
15	B. D. +35°2986	9	26 20.04	+ 0.46	−14.22	3 49 55.42	46.665	+10.44	+ 4.0	17 26 6.28	− 1.98	+35 0 44.0	− 1.5
16	α Ophiuchi	9	30 47.29	+ 0.28	**−14.17**	26 13 56.22	42.905	+10.44	+ 28.6	17 30 33.35	.....	+12 37 44.5	....
17	B. D. +35°3029	9	36 48.14	+ 0.47	−14.22	2 59 54.78	42.400	+10.44	+ 3.1	17 36 34.39	− 1.98	+35 52 23.0	− 1.2
18	μ Herculis	9	43 0.13	+ 0.40	**−14.18**	11 3 55.75	46.838	+10.44	+ 11.4	17 42 46.31	.....	+27 46 32.3	....
	May 23, M.												
19	51 H. Cephei s. P.	7	56 15.37	− 6.14	−14.12	306 5 50.55	41.952	+10.27	−1 19.4	6 55 55.11	.....	+87 11 59.7	....
20	δ Aquilæ	9	20 58.06	+ 0.25	**−14.13**	35 55 56.05	42.792	+10.33	+ 42.2	19 20 44.19	.....	+ 2 55 33.8	....
21	β Cygni	9	27 8.78	+ 0.44	**−14.11**	11 5 55.62	44.210	+10.37	+ 11.5	19 26 55.10	.....	+27 45 32.4	....
22	κ Aquilæ	9	32 2.42	+ 0.18	**−14.10**	46 3 57.15	46.670	+10.41	+1 0.6	19 31 48.48	.....	− 7 14 14.4	....
23	β Sagittæ	9	37 2.32	+ 0.36	**−14.16**	21 35 54.62	44.265	+10.44	+ 23.2	19 36 48.56	.....	+17 15 20.5	....
24	γ Aquilæ	9	41 59.99	+ 0.31	**−14.13**	28 27 56.58	44.945	+10.48	+ 31.7	19 41 46.18	.....	+10 22 54.4	....
25	α Aquilæ	9	46 24.33	+ 0.30	**−14.15**	30 13 56.75	44.435	+10.51	+ 34.1	19 46 10.51	.....	+ 8 37 3.5	....
26	β Aquilæ	9	50 54.21	+ 0.28	**−14.15**	32 39 56.12	46.620	+10.54	+ 37.5	19 50 40.37	.....	+ 6 10 10.8	....
27	4 B. Ursæ Minoris s. P.	9	3 15.56	−16.51	−14.12	307 47 49.61	45.204	+10.62	−1 15.0	8 2 44.93	.....	+88 55 16.5	....
28	Moon II, N.	9	2 1.45	+ 0.14	−14.12	54 23 55.82	44.538	+11.02	+1 21.6	21 1 47.47	−65.63	−15 33 45.9	....
29	Venus II, N.	9	48 25.38	+ 0.36	−14.11	28 9 58.35	45.414	+11.91	+ 30.6	1 48 11.63	− 1.53	+10 40 41.6	....
	May 24, M.												
30	Sun I. N.	9	2 10.00	+ 0.44	−14.11	17 49 57.22	48.605	+11.28	+ 18.3	4 1 56.33	+67.89	+20 59 42.6	....
31	Sun II, S.	8	4 25.77	+ 0.44	−14.11	18 21 57.10	47.645	+11.28	+ 18.9	4 4 12.10	−67.88	+20 28 4.2	....
32	12 Comæ Berenices	9	17 58.73	+ 0.42	−14.10	12 27 56.48	47.240	+10.05	+ 12.7	12 17 45.05	.....	+26 22 21.4	....
33	323 G. Hydræ	8	22 7.23	− 0.11	−14.10	71 5 57.30	48.052	+10.02	+2 45.6	12 21 53.02	− 1.88	−32 18 30.8	+16.2
34	δ Corvi	9	25 12.48	+ 0.08	**−14.08**	54 49 58.22	43.672	+ 9.99	+1 20.9	12 24 58.46	.....	−15 59 26.8	....
35	8 Canum Venaticorum	9	29 28.59	+ 0.58	−14.10	356 57 55.75	47.675	+ 9.96	− 2.9	12 29 15.07	.....	+41 52 27.9	....
36	ρ Virginis	9	37 19.79	+ 0.29	**−14.11**	28 5 55.58	43.625	+ 9.90	+ 30.5	12 37 5.98	.....	+10 45 27.4	....
37	35 Virginis	9	43 16.44	+ 0.24	**−14.06**	34 45 56.85	43.440	+ 9.85	+ 39.7	12 43 2.58	.....	+ 4 5 21.2	....
38	31 Comæ Berenices	9	47 19.32	+ 0.44	**−14.16**	10 47 55.60	44.535	+ 9.82	+ 11.0	12 47 5.66	.....	+28 3 26.1	....
39	8 Draconis	8	51 56.16	+ 1.05	−14.10	332 55 50.82	41.355	+ 9.78	− 29.1	12 51 43.11	.....	+65 57 23.4	....
40	ε Virginis	9	57 42.13	+ 0.30	**−14.10**	27 23 56.35	41.960	+ 9.74	+ 29.7	12 57 28.33	.....	+11 28 5.6	....
41	14 Canum Venaticorum	9	1 32.92	+ 0.51	−14.10	2 33 55.28	42.225	+ 9.71	+ 2.6	13 1 19.33	− 1.30	+36 18 27.7	− 4.0
42	θ Virginis	9	5 17.42	+ 0.17	**−14.13**	43 51 57.05	46.500	+ 9.68	+ 55.0	13 5 3.49	.....	− 5 2 4.1	....
	May 24, Ei.-Y.												
43	ι Virginis	9	11 17.72	+ 0.17	**−14.09**	44 23 58.20	43.465	+ 9.13	+ 56.2	14 11 3.78	.....	− 5 32 56.5	....
44	λ Virginis	9	14 14.07	+ 0.11	**−14.11**	51 45 57.12	45.932	+ 9.13	+1 12.8	14 14 0.07	.....	−12 56 8.6	....
45	B. D. −16°3843	9	15 29.78	+ 0.07	−14.11	55 55 56.85	44.102	+ 9.13	+1 24.7	14 15 15.74	− 2.10	−17 5 38.1	+ 5.6
46	B. D. −15°3862	9	19 1.13	+ 0.09	−14.11	54 29 57.42	46.065	+ 9.13	+1 20.4	14 18 47.11	− 2.08	−15 40 19.3	+ 5.2
47	B. D. −12°4055	9	22 52.18	+ 0.11	−14.11	51 45 57.05	45.678	+ 9.13	+1 12.8	14 22 38.18	− 2.05	−12 56 2.5	+ 4.5
48	B. D. −11°3753	9	26 26.96	+ 0.12	−14.11	50 15 57.58	48.272	+ 9.13	+1 9.1	14 26 12.97	− 2.03	−11 26 58.5	+ 4.1
49	B. D. −19°3903	9	29 46.01	+ 0.05	−14.11	58 49 56.68	48.490	+ 9.13	+1 34.9	14 29 31.95	− 2.20	−20 1 28.5	+ 5.1
50	B. D. −15°3922	9	35 9.38	+ 0.09	−14.11	54 37 57.48	44.095	+ 9.13	+1 20.9	14 34 55.36	− 2.13	−15 47 34.8	+ 4.2
51	B. D. −20°4074	9	37 27.87	+ 0.04	−14.11	59 35 57.18	48.200	+ 9.13	+1 37.9	14 37 13.80	− 2.24	−20 47 25.2	+ 4.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 16 34	....	....	52.8
16 53	.....	....	52.1
17 16	.....	....	51.1
17 43	29.90	52.0	50.2
18 53	29.91	50.5	48.3
19 25	.....	....	47.6
20 13	29.92	48.1	46.1
21 2	29.93	47.7	46.1
1 48	30.05	61.1	59.5
24 4 4	30.04	65.6	64.0
12 12	29.94	60.7	59.0
12 40	....	....	58.1
13 7	29.96	59.2	57.4
14 9	29.95	57.7	56.3
14 36	.....	....	55.3

Micrometer bisections are made at II, VI, except as noted below.

1–7, 9–11, 13–15, 17.	Bisections at III, V.
12, 31.	Bisections at VI, VII.
19.	Bisections at b_3, b_5, b_7.
27.	Bisections at b_1, b_3, b_5, b_7, b_9.
28.	Bisections at II, III, IV, V, VI.
29.	Bisections at I, II, VI, VII.
30, 33, 44.	Bisections at I, II.
45, 51.	Bisections at II, VII.
48.	Bisections at III, VI.

Notes.

1, 10.	Unsteady.
1, 3, 5, 7, 10, 15, 17.	Observed head south.
2, 6, 9, 11.	Observed head north.
22.	Micrometer reading decreased 1 rev.
27.	Microscopes read at beginning and end of observation.
40.	Circle reading increased 2′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
28	+45 24.2	−15 16.9	...	+30 7.3
29	+ 10.7	− 22.3	...	− 11.6
30	+ 2.6	−15 49.2	...	−15 46.6
31	+ 2.7	+15 49.1	...	+15 51.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Piazzi 166	9	41 3.72	+ 0.04	−14.11	59 35 57.28	45.785	+ 9.13	+1 37.8	14 40 49.65	− 2.24	−20 46 30.1	+ 4.4
2	8 Libræ	9	45 41.97	+ 0.09	**−14.08**	54 25 56.72	45.855	+ 9.13	+1 20.3	14 45 27.95	....	−15 36 13.7	....
3	B. D. −22°3858	9	48 5.55	+ 0.02	−14.11	61 53 57.58	46.185	+ 9.13	+1 47.4	14 47 51.46	− 2.31	−23 4 49.2	+ 4.1
4	B. D. −18°3933	9	51 13.84	+ 0.06	−14.11	57 21 56.85	46.658	+ 9.13	+1 29.7	14 50 59.79	− 2.22	−18 32 41.6	+ 3.4
5	B. D. −21°4004	9	53 29.73	+ 0.03	−14.11	60 49 56.92	47.572	+ 9.13	+1 42.9	14 53 15.65	− 2.30	−22 1 15.7	+ 3.6
6	C. P. D. −24°5421	9	55 52.54	0.00	−14.11	63 35 56.55	44.790	+ 9.13	+1 55.5	14 55 38.43	− 2.37	−24 46 24.4	+ 3.7
7	B. D. −22°3897	9	0 3.12	+ 0.02	−14.11	61 27 57.72	45.868	+ 9.13	+1 45.6	14 59 49.03	− 2.33	−22 38 40.3	+ 3.2
8	B. D. −15°4028	9	1 46.96	+ 0.09	−14.11	54 55 58.25	47.940	+ 9.13	+1 21.9	15 1 32.94	− 2.20	−16 7 4.5	+ 2.5
9	B. D. −12°4214	9	6 16.51	+ 0.12	−14.11	51 31 58.20	44.818	+ 9.13	+1 12.4	15 6 2.52	− 2.14	−12 41 43.6	+ 1.9
10	C. P. D. −24°5475	9	8 11.93	0.00	−14.11	63 45 56.10	46.718	+ 9.13	+1 56.5	15 7 57.82	− 2.40	−24 57 9.0	+ 2.8
11	B. D. −15°4071	9	11 59.56	+ 0.10	−14.11	54 3 57.30	44.528	+ 9.13	+1 19.3	15 11 45.55	− 2.20	−15 13 43.0	+ 1.8
12	B. D. −17°4312	9	15 46.68	+ 0.08	−14.11	56 37 56.20	47.310	+ 9.13	+1 27.4	15 15 32.65	− 2.25	−17 48 53.5	+ 1.7
13	B. D. −13°4152	9	19 4.59	+ 0.11	−14.11	52 47 57.42	46.402	+ 9.13	+1 15.8	15 18 50.59	− 2.18	−13 58 22.4	+ 1.2
14	B. D. −19°4106	9	21 38.99	+ 0.06	−14.11	58 29 56.95	45.695	+ 9.13	+1 33.9	15 21 24.94	− 2.26	−19 40 23.8	+ 1.5
15	32 Libræ	9	23 10.10	+ 0.09	**−14.12**	55 13 58.10	42.920	+ 9.13	+1 22.8	15 22 56.08	....	−16 23 10.5	....
16	B. D. −17°4356	9	26 49.44	+ 0.08	−14.11	56 59 56.82	44.390	+ 9.13	+1 28.6	15 26 35.41	− 2.27	−18 9 48.9	+ 1.0
17	B. D. −12°4278	9	28 16.42	+ 0.12	−14.11	51 31 58.50	44.340	+ 9.13	+1 12.5	15 28 2.43	− 2.17	−12 41 33.1	+ 0.6
18	γ Libræ	9	30 28.79	+ 0.11	**−14.05**	53 17 58.48	46.415	+ 9.13	+1 17.3	15 30 14.79	....	−14 28 25.2	....
19	B. D. −19°4165	9	33 14.17	+ 0.06	−14.11	58 25 56.50	44.650	+ 9.13	+1 33.6	15 33 0.12	− 2.30	−19 35 59.2	+ 0.7
20	C. P. D. −25°5630	9	35 13.42	0.00	−14.11	64 5 58.18	46.342	+ 9.13	+1 58.3	15 34 59.31	− 2.43	−25 17 4.3	+ 0.8
21	B. D. −12°4320	9	38 8.57	+ 0.13	−14.11	51 33 57.72	48.480	+ 9.13	+1 12.7	15 37 54.59	− 2.18	−12 45 7.0	0.0
22	C. P. D. −24°5555	9	40 26.93	+ 0.01	−14.11	63 13 57.65	46.605	+ 9.13	+1 54.0	15 40 12.83	− 2.42	−24 25 5.7	+ 0.3
23	B. D. −15°4182	9	41 18.16	+ 0.10	−14.11	54 41 58.20	44.848	+ 9.13	+1 21.3	15 41 4.15	− 2.24	−15 51 53.2	0.0
24	B. D. −22°4034	9	45 18.92	+ 0.03	−14.11	61 47 57.92	44.395	+ 9.13	+1 47.2	15 45 4.84	− 2.38	−22 58 8.4	− 0.1
25	C. P. D. −24°5583	9	48 29.79	+ 0.02	−14.11	63 3 56.52	46.538	+ 9.13	+1 53.2	15 48 15.70	− 2.42	−24 15 2.0	− 0.3
26	C. P. D. −25°5690	9	50 2.07	0.00	−14.11	64 47 56.50	46.602	+ 9.13	+2 2.2	15 49 47.96	− 2.46	−25 59 12.4	− 0.3
27	C. P. D. −24°5613	9	53 9.46	+ 0.01	−14.11	63 21 56.50	47.660	+ 9.13	+1 54.7	15 52 55.36	− 2.42	−24 33 29.0	− 0.6
28	49 Libræ	9	55 15.91	+ 0.10	−14.11	55 3 57.22	48.432	+ 9.13	+1 22.5	15 55 1.90	....	−16 15 15.3	....
29	C. P. D. −26°5591	9	59 30.06	− 0.01	−14.11	65 29 58.40	46.515	+ 9.13	+2 6.1	15 59 15.94	− 2.48	−26 41 16.2	− 1.0
30	B. D. −16°4219	9	1 55.42	+ 0.10	−14.11	55 29 57.45	48.300	+ 9.13	+1 23.9	16 1 41.41	− 2.26	−16 41 13.8	− 1.3
31	C. P. D. −24°5660	9	4 43.59	+ 0.02	−14.11	63 9 54.72	43.650	+ 9.13	+1 53.6	16 4 29.50	− 2.42	−24 19 54.6	− 1.4
32	B. D. −15°4266	9	7 42.59	+ 0.10	−14.11	54 35 56.08	46.260	+ 9.13	+1 21.1	16 7 28.58	− 2.25	−15 46 23.1	− 1.6
33	B. D. −18°4249	9	9 26.51	+ 0.08	−14.11	57 7 57.45	43.595	+ 9.13	+1 29.1	16 9 12.48	− 2.28	−18 17 31.6	− 1.7
34	C. P. D. −28°5311	9	12 40.88	− 0.03	−14.11	67 11 56.08	44.612	+ 9.13	+2 16.6	16 12 26.74	− 2.51	−28 22 40.9	− 2.1
35	B. D. −21°4341	9	15 22.04	+ 0.05	−14.11	60 25 57.70	46.252	+ 9.13	+1 41.5	16 15 7.98	− 2.35	−21 36 44.9	− 2.2
36	C. P. D. −24°5695	9	19 56.44	+ 0.02	−14.11	63 3 55.22	45.958	+ 9.13	+1 53.2	16 19 42.35	− 2.41	−24 14 47.4	− 2.5
37	α Scorpii	9	23 51.39	0.00	−14.11	65 1 57.75	46.678	+ 9.13	+2 3.5	16 23 37.28	....	−26 13 16.7	....
38	B. D. −16°4298	9	25 58.24	+ 0.10	−14.11	55 13 57.75	45.990	+ 9.13	+1 23.0	16 25 44.23	− 2.25	−16 24 20.5	− 2.7
39	B. D. −19°4381	9	29 29.32	+ 0.07	−14.11	58 33 57.78	46.035	+ 9.13	+1 34.3	16 29 15.28	− 2.31	−19 44 32.8	− 3.0
40	ζ Ophiuchi	9	32 11.73	+ 0.16	**−14.12**	49 11 57.55	47.072	+ 9.13	+1 6.9	16 31 57.78	....	−10 22 29.0	....
41	C. P. D. −26°5738	.	.. ..	....	.....	65 23 59.12	44.645	+ 9.13	+2 5.6	16 45	....	−26 34 33.7	− 4.4
42	C. P. D. −25°5882	.	.. ..	....	.....	64 29 58.32	44.230	+ 9.13	+2 0.6	16 49	....	−25 40 18.4	− 4.6
43	ξ Serpentis	8	32 24.96	+ 0.13	**−14.19**	54 9 59.22	45.895	+ 9.13	+1 20.0	17 32 10.98	....	−15 20 16.8	....
44	B. D. −21°4682	9	33 18.56	+ 0.07	−14.11	60 39 56.98	47.730	+ 9.13	+1 42.8	17 33 4.52	− 2.23	−21 51 19.0	− 7.0
45	C. P. D. −26°5932	9	36 25.73	+ 0.01	−14.11	65 35 57.20	47.692	+ 9.13	+2 7.1	17 36 11.63	− 2.31	−26 47 42.8	− 7.8
46	B. D. −20°4865	9	40 17.98	+ 0.08	−14.11	58 59 57.18	43.978	+ 9.13	+1 36.0	17 40 3.95	− 2.18	−20 9 46.9	− 7.2
47	C. P. D. −29°4905	9	43 41.36	− 0.02	−14.11	68 5 57.65	44.765	+ 9.13	+2 23.2	17 43 27.23	− 2.34	−29 16 52.6	− 8.6
48	C. P. D. −28°5928	9	46 8.04	− 0.01	−14.11	67 23 57.12	47.095	+ 9.13	+2 18.4	17 45 53.92	− 2.31	−28 35 40.5	− 8.7
49	B. D. −17°4946	9	48 43.31	+ 0.11	−14.11	56 13 56.38	43.482	+ 9.13	+1 26.4	17 48 29.31	− 2.11	−17 23 25.2	− 7.2
50	C. P. D. −23°6682	9	51 35.39	+ 0.04	−14.11	62 43 57.15	47.638	+ 9.13	+1 52.0	17 51 21.32	− 2.20	−23 55 26.5	− 8.3
51	B. D. −20°4940	9	54 37.15	+ 0.08	−14.11	59 9 57.20	44.122	+ 9.13	+1 36.7	17 54 23.12	− 2.13	−20 19 51.0	− 7.9
52	B. D. −21°4826	9	57 13.29	+ 0.07	−14.11	60 19 57.88	45.288	+ 9.13	+1 41.4	17 56 59.25	− 2.14	−21 30 23.0	− 8.2
53	C. P. D. −29°5230	9	59 13.51	− 0.02	−14.11	68 23 57.10	44.885	+ 9.13	+2 25.3	17 58 59.38	− 2.28	−29 34 56.9	− 9.6
54	B. D. −17°5028	9	2 33.92	+ 0.11	−14.11	55 59 56.82	44.868	+ 9.13	+1 25.7	18 2 19.92	− 2.06	−17 9 56.9	− 7.8
55	C. P. D. −26°6300	9	3 37.29	+ 0.02	−14.11	64 55 56.48	46.590	+ 9.13	+2 3.3	18 3 23.20	− 2.20	−26 7 13.2	− 9.3
56	B. D. −18°4824	9	5 44.19	+ 0.10	−14.11	57 23 56.68	44.450	+ 9.13	+1 30.3	18 5 30.18	− 2.07	−18 33 51.6	− 8.2
57	B. D. −21°4916	9	8 49.59	+ 0.07	−14.11	60 33 57.85	44.832	+ 9.13	+1 42.3	18 8 35.55	− 2.10	−21 44 13.4	− 8.8
58	B. D. −20°5068	9	11 11.89	+ 0.08	−14.11	59 23 57.22	45.672	+ 9.13	+1 37.7	18 10 57.86	− 2.08	−20 34 27.4	− 8.8
59	C. P. D. −25°6460	9	13 5.20	+ 0.02	−14.11	64 27 58.22	44.192	+ 9.13	+2 0.7	18 12 51.11	− 2.15	−25 38 17.6	− 9.7
60	C. P. D. −28°6526	9	16 15.76	− 0.01	−14.11	67 17 58.02	43.445	+ 9.13	+2 17.7	18 16 1.64	− 2.18	−28 28 17.3	−10.4
61	C. P. D. −29°5565	9	22 1.37	− 0.03	−14.11	68 41 57.70	43.070	+ 9.13	+2 27.6	18 21 47.23	− 2.18	−29 52 18.3	−11.0
62	B. D. −21°5025	9	24 26.92	+ 0.07	−14.11	59 49 57.30	46.252	+ 9.13	+1 39.4	18 24 12.88	− 2.03	−21 0 42.4	− 9.4
63	C. P. D. −25°6564	9	28 9.30	+ 0.03	−14.11	64 19 57.80	46.128	+ 9.13	+2 0.2	18 27 55.22	− 2.08	−25 31 0.9	−10.5
64	B. D. −19°5077	9	30 3.44	+ 0.09	−14.11	58 9 55.65	45.968	+ 9.13	+1 33.2	18 29 49.42	− 1.99	−19 20 28.1	− 9.3

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
24 15 3	29.96	56.1	54.8	16, 22, 54. Bisections at I, II.					
15 32	......	....	54.0	21, 30, 45. Bisections at II, VII.					
15 56	29.96	55.0	53.8	44. Bisections at VI, VII.					
16 25	......	....	53.4						
16 51	29.95	54.5	52.9						
17 30	29.95	53.8	52.3						
17 56	......	....	52.1						
18 17	29.955	53.0	51.8						

Notes.

18. Image rather poor.

56–64. Images frequently poor.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	29 H^1. Sagittarii	9	33 29.57	+ 0.07	−14.11	59 57 56.92	43.640	+ 9.13	+1 40.0	18 33 15.53	− 1.99	−21 7 43.0	− 9.8
2	B. D.−22°4835	9	37 52.62	+ 0.06	−14.11	61 19 57.52	44.282	+ 9.13	+1 45.7	18 37 38.57	− 1.99	−22 30 3.9	−10.3
3	B. D.−19°5154	9	40 40.54	+ 0.09	−14.11	58 31 57.28	45.142	+ 9.13	+1 34.5	18 40 26.52	− 1.94	−19 42 12.1	− 9.8
4	B. D.−18°5179	9	43 27.27	+ 0.10	−14.11	57 31 57.75	45.442	+ 9.13	+1 31.0	18 43 13.26	− 1.92	−18 42 15.9	− 9.7
5	B. D.−22°4892	9	46 42.00	+ 0.06	−14.11	60 51 57.02	43.768	+ 9.13	+1 43.7	18 46 27.95	− 1.94	−22 1 49.7	−10.6
6	B. D.−22°4915	9	49 38.56	+ 0.06	−14.11	61 35 55.95	47.412	+ 9.13	+1 47.0	18 49 24.51	− 1.94	−22 47 15.2	−10.8
7	ξ Sagittarii	9	52 19.73	+ 0.07	−14.11	60 3 57.55	43.675	+ 9.13	+1 40.4	18 52 5.69	− 1.91	−21 13 44.8	−10.6
8	B. D.−22°4946	8	56 10.11	+ 0.05	−14.11	61 39 57.25	43.035	+ 9.13	+1 47.2	18 55 56.05	− 1.90	−22 49 36.7	−11.1
9	C. P. D.−23°7360 (*fol.*)	9	58 46.23	+ 0.05	−14.11	61 51 57.42	44.045	+ 9.13	+1 48.1	18 58 32.17	− 1.90	−23 2 0.7	−11.2
10	C. P. D.−28°6781	9	1 48.01	− 0.02	−14.11	67 35 56.20	44.885	+ 9.13	+2 20.0	19 1 33.88	− 1.95	−28 46 50.7	−12.7
11	B. D.−22°4992	9	4 4.56	+ 0.06	−14.11	61 21 57.32	42.995	+ 9.13	+1 45.9	19 3 50.51	− 1.86	−22 31 34.5	−11.3
12	B. D.−22°5021	9	8 43.38	+ 0.06	−14.11	61 1 56.32	47.280	+ 9.13	+1 44.6	19 8 29.33	− 1.83	−22 13 10.1	−11.4
13	*d* Sagittarii	9	12 20.44	+ 0.09	**−14.10**	57 57 58.12	42.542	+ 9.13	+1 32.5	19 12 6.42	.....	−19 7 11.6	....
14	B. D.−22°5063	8	15 12.45	+ 0.06	−14.11	61 23 58.58	45.620	+ 9.13	+1 46.2	19 14 58.40	− 1.80	−22 34 36.1	−11.7
15	C. P. D.−28°6911	9	18 50.83	− 0.01	−14.11	66 51 55.92	44.972	+ 9.13	+2 15.2	19 18 36.71	− 1.84	−28 2 47.6	−13.2
16	186 G. Sagittarii	9	21 12.29	− 0.03	−14.11	68 43 56.50	46.700	+ 9.13	+2 28.4	19 20 58.15	− 1.85	−29 55 40.8	−13.7
17	C. P. D.−24°6746	9	25 25.96	+ 0.04	−14.11	62 57 58.00	45.872	+ 9.13	+1 53.5	19 25 11.89	− 1.76	−24 8 48.4	−12.4
18	B. D.−16°5360	9	29 8.06	+ 0.12	−14.11	55 23 56.42	46.832	+ 9.13	+1 24.1	19 28 54.07	− 1.68	−16 34 39.5	−10.5
19	*h* Sagittarii	9	31 11.45	+ 0.03	−14.11	63 53 57.85	47.315	+ 9.13	+1 58.3	19 30 57.37	.....	−25 5 26.2	....
20	B. D.−22°5183	9	34 32.26	+ 0.06	−14.11	61 5 59.20	45.678	+ 9.13	+1 45.0	19 34 18.21	− 1.69	−22 16 36.8	−12.2
21	*e* Sagittarii	9	37 20.78	+ 0.12	−14.11	55 9 58.10	46.795	+ 9.13	+1 23.4	19 37 6.79	− 1.63	−16 20 39.7	−10.6
22	C. P. D.−26°6840	9	41 26.94	+ 0.01	−14.11	65 31 58.22	46.025	+ 9.13	+2 7.3	19 41 12.84	− 1.68	−26 43 6.0	−13.5
23	B. D.−21°5542	9	44 59.27	+ 0.06	−14.11	60 41 57.38	46.082	+ 9.13	+1 43.4	19 44 45.22	− 1.62	−21 52 42.9	−12.3
24	α Aquilæ	9	46 24.35	+ 0.32	**−14.16**	30 13 57.22	44.440	+ 9.13	+ 33.9	19 46 10.56	.....	+ 8 37 4.5	....
25	β Aquilæ	9	50 54.15	+ 0.30	**−14.08**	32 39 56.60	46.628	+ 9.13	+ 37.3	19 50 40.34	.....	+ 6 10 11.7	....
	May 24, Hl.												
26	Moon II	9	53 31.77	+ 0.17	−14.23	51 40	......	.....	. ....	21 53 17.71	−63.87	.. ..	....
27	Venus II, N.	9	49 33.14	+ 0.34	−14.23	28 13 59.90	46.582	+10.36	+ 30.3	1 49 19.25	− 1.50	+10 36 15.2	....
	May 25, Hl.												
28	Sun I, S.	9	6 12.26	+ 0.39	−14.23	18 11 56.50	44.948	+10.48	+ 18.4	4 5 58.42	+67.86	+20 39 7.6	....
29	Sun II, N.	9	8 27.97	+ 0.39	−14.23	17 39 58.00	46.075	+10.48	+ 17.8	4 8 14.13	−67.85	+21 10 41.1	....
30	ε Virginis	8	57 42.33	+ 0.24	**−14.25**	27 22	......	.....	. ....	12 57 28.34	.....	+11 28	....
31	α Ursæ Minoris S. P.	8	24 54.17	−13.26	−14.23	307 40	......	.....	. ....	1 24 26.68	.....	+88 47	....
32	89 Virginis	9	44 58.76	+ 0.02	**−14.33**	56 30	......	.....	. ....	13 44 44.55	.....	−17 39	....
33	η Boötis	9	50 25.24	+ 0.29	**−14.22**	19 58	......	.....	. ....	13 50 11.30	.....	+18 52	....
34	11 Boötis	9	57 7.49	+ 0.36	−14.23	11 0	......	.....	. ....	13 56 53.62	.....	+27 50	....
35	*d* Boötis	9	6 19.49	+ 0.34	**−14.18**	13 20	......	.....	. ....	14 6 5.60	.....	+25 32	....
36	λ Boötis	9	13 1.82	+ 0.53	−14.23	352 20	......	.....	. ....	14 12 48.12	.....	+46 31	....
	May 25, Br.												
37	β Serpentis	9	42 4.06	+ 0.27	**−14.19**	23 7 56.80	44.748	+ 8.57	+ 24.1	15 41 50.12	.....	+15 43 7.9	....
38	ε Serpentis	9	46 20.86	+ 0.20	**−14.27**	34 3 57.45	47.688	+ 8.57	+ 38.2	15 46 6.85	.....	+ 4 45 46.3	....
39	ε Coronæ Borealis	9	53 54.99	+ 0.36	**−14.20**	11 41 56.62	45.210	+ 8.57	+ 11.7	15 53 41.14	.....	+27 9 10.2	....
40	B. D.+39°2953	9	4 14.93	+ 0.46	−14.21	359 45 55.18	46.268	+ 8.57	− 0.2	16 4 1.18	− 1.98	+39 4 59.4	− 3.7
41	B. D.+35°2788	7	8 26.91	+ 0.43	−14.21	3 30	......	.....	. ....	16 8 13.13	− 1.96	+35 22	....
42	B. D.+36°2714	8	12 39.23	+ 0.44	−14.21	2 3 55.35	44.965	+ 8.57	+ 2.1	16 12 25.46	− 1.98	+36 47 26.7	− 3.4
43	B. D.+37°2741	9	17 8.84	+ 0.44	−14.21	1 39 54.72	43.065	+ 8.57	+ 1.7	16 16 55.07	− 1.99	+37 12 11.2	− 3.4
44	B. D.+38°2769	9	21 12.58	+ 0.46	−14.21	0 9 55.52	44.130	+ 8.57	+ 0.2	16 20 58.83	− 2.01	+38 41 47.5	− 3.4
45	B. D.+36°2747	9	30 5.18	+ 0.44	−14.21	2 11 54.60	46.445	+ 8.57	+ 2.2	16 29 51.41	− 2.00	+36 38 53.5	− 3.1
46	B. D.+37°2778	9	34 21.52	+ 0.45	−14.21	1 9 54.75	46.510	+ 8.57	+ 1.2	16 34 7.76	− 2.02	+37 40 52.9	− 3.0
47	B. D.+36°2772	9	39 56.82	+ 0.44	−14.21	2 9 54.95	45.490	+ 8.57	+ 2.2	16 39 43.05	− 2.01	+36 41 15.0	− 2.9
48	B. D.+39°3044	9	44 38.24	+ 0.47	−14.21	359 13 55.55	46.655	+ 8.57	− 0.7	16 44 24.50	− 2.04	+39 36 50.7	− 2.9
49	B. D.+35°2878	9	49 1.81	+ 0.43	−14.21	3 11 55.15	46.492	+ 8.57	+ 3.2	16 48 48.03	− 2.01	+35 38 50.9	− 2.7
50	κ Ophiuchi	9	53 26.24	+ 0.23	**−14.21**	29 19 58.65	43.788	+ 8.57	+ 31.7	16 53 12.26	.....	+ 9 31 20.4	....
51	B. D.+39°3074	9	58 57.33	+ 0.47	−14.21	358 59 54.68	45.745	+ 8.57	− 0.9	16 58 43.59	− 2.06	+39 51 12.5	− 2.5
52	B. D.+40°3111	9	7 39.49	+ 0.47	−14.21	358 53 55.18	43.468	+ 8.57	− 1.0	17 7 25.75	− 2.06	+39 58 4.2	− 2.3
53	δ Herculis	9	11 23.63	+ 0.34	**−14.24**	13 53 55.65	45.460	+ 8.57	+ 14.0	17 11 9.76	.....	+24 57 3.1	....
54	B. D.+39°3104	9	16 48.96	+ 0.46	−14.21	359 27 55.70	45.730	+ 8.57	− 0.5	17 16 35.21	− 2.06	+39 23 11.4	− 2.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 18 42	.....	....	51.2
19 5	29.95	52.4	50.9
19 33	.....	....	50.2
19 52	29.96	51.3	49.8
1 54	30.015	64.6	66.0
25 4 8	29.99	69.2	71.1
15 42	.....	....	63.9
15 46	29.91	64.9	....
16 17	.....	....	64.0
16 34	.....	....	64.0
16 59	.....	....	63.8
17 5	29.90	64.1	.

Micrometer bisections are made at II, VI, except as noted below.

3, 4, 9, 11, 17.	Bisections at II, VII.
23, 28, 37, 50.	Bisections at I, II.
27.	Bisections at I, II, VI, VII.
29.	Bisections at VI, VII.
40, 42–49, 51, 52, 54.	Bisections at III, V.

Notes.

31, 37, 38, 45.	Faint.
40, 54.	Observed head north.
43, 46.	Observed head south.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
27	+ 10.6	− 21.9	...	− 11.3
28	+ 2.7	+15 46.7	...	+15 49.4
29	+ 2.6	−15 46.7	...	−15 44.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. +37°2881	9	21 9.34	+ 0.44	−14.21	1 49 54.78	47.445	+ 8.57	+ 1.9	17 20 55.57	− 2.03	+37 0 30.8	− 2.0
2	B. D. +35°2986	9	26 20.09	+ 0.42	−14.21	3 49 56.38	46.700	+ 8.57	+ 3.8	17 26 6.30	− 2.01	+35 0 44.3	− 2.0
3	α Ophiuchi	9	30 47.35	+ 0.25	**−14.17**	26 13 57.20	42.980	+ 8.57	+ 27.8	17 30 33.39	.....	+12 37 44.5	....
4	μ Herculis	9	43 0.19	+ 0.36	**−14.17**	11 3 56.62	46.880	+ 8.57	+ 11.1	17 42 46.34	.....	+27 46 32.3	....
5	87 Herculis	9	45 13.83	+ 0.35	−14.21	13 11 56.72	44.912	+ 8.57	+ 13.3	17 44 59.97	− 1.94	+25 39 15.3	− 2.2
6	9 G. Sagittarii	9	50 36.02	+ 0.02	−14.21	57 35 56.40	47.728	+ 8.57	+1 28.9	17 50 21.83	− 2.14	−18 47 4.2	− 7.5
7	5 B. Lyræ	9	12 57.26	+ 0.49	−14.21	356 43 56.00	44.845	+ 8.57	− 3.2	18 12 43.54	− 2.07	+42 7 34.1	− 0.2
8	η Serpentis	8	16 39.60	+ 0.14	**−14.21**	41 45 57.08	44.890	+ 8.57	+ 50.5	18 16 25.53	.....	− 2 55 22.0	....
9	109 Herculis	9	19 54.76	+ 0.31	**−14.19**	17 7 57.02	43.910	+ 8.57	+ 17.5	18 19 40.86	.....	+21 43 33.7	....
10	3 H. Scuti	9	30 18.26	+ 0.10	**−14.20**	47 9 57.05	42.370	+ 8.57	+1 1.0	18 30 4.15	.....	− 8 18 34.5	....
11	Venus II, N	9	50 47.94	+ 0.21	−14.21	28 17 57.35	45.189	+ 9.13	+ 30.0	1 50 33.94	− 1.48	+10 32 51.1	....
	May 26, M.												
12	Venus II, N	9	52 9.26	+ 0.24	−14.10	28 19 56.40	46.381	+ 9.69	+ 30.0	1 51 55.40	− 1.45	+10 30 24.3	....
13	Mercury C, C	8	40 5.76	+ 0.22	−14.10	26 33 56.10	47.592	+ 9.69	+ 27.6	2 39 51.88	− 0.09	+12 15 59.3	....
	May 27, M.												
14	Sun I, S	9	14 17.83	+ 0.24	−14.10	17 51 55.60	42.618	+ 9.08	+ 17.7	4 14 3.97	+67.97	+21 0 3.8	....
15	Sun II, N	9	16 33.76	+ 0.24	−14.10	17 19 55.38	43.840	+ 9.08	+ 17.2	4 16 19.90	−67.96	+21 31 36.8	....
16	Mars I, C	7	33 52.20	0.00	−14.09	54 43 55.92	48.986	+ 8.49	+1 18.6	14 33 38.11	+ 0.61	−15 53 46.7	....
17	Mars II	7	33 53.40	0.00	−14.09	... .	......	....	. ....	14 33 39.31	− 0.59	.. ..	....
18	57 B. Ursæ Minoris	9	8 3.11	+ 5.22	−14.09	311 15 49.32	46.344	+ 8.56	−1 3.1	15 7 54.24	.....	+87 36 5.8	....
19	ι Draconis	9	23 4.58	+ 0.57	−14.09	339 33 51.78	44.600	+ 8.56	− 20.7	15 22 51.06	.....	+59 18 1.2	....
20	ν^1 Boötis	9	27 46.64	+ 0.38	−14.09	357 41 53.75	45.175	+ 8.56	− 2.2	15 27 32.93	.....	+41 9 27.4	....
21	α Coronæ Borealis	9	30 55.64	+ 0.28	**−14.10**	11 49 53.88	43.002	+ 8.56	+ 11.7	15 30 41.83	.....	+27 2 3.4	....
22	κ Libræ	9	36 44.72	− 0.03	−14.09	58 11 53.32	45.870	+ 8.56	+1 29.7	15 36 30.60	.....	−19 22 19.4	....
23	β Serpentis	9	42 4.03	+ 0.20	**−14.08**	23 7 54.82	44.848	+ 8.56	+ 23.8	15 41 50.14	.....	+15 43 8.2	....
24	ε Serpentis	8	46 20.79	+ 0.14	**−14.13**	34 3 55.32	47.782	+ 8.56	+ 37.7	15 46 6.84	.....	+ 4 45 46.8	....
25	B. D. +37°2696	9	55 46.28	+ 0.35	−14.09	1 37 53.12	46.820	+ 8.56	+ 1.7	15 55 32.54	− 1.96	+37 12 46.8	− 4.3
26	B. D. +35°2764	9	59 54.32	+ 0.34	−14.09	3 53 52.62	46.225	+ 8.56	+ 3.9	15 59 40.57	− 1.96	+34 56 58.8	− 4.0
27	B. D. +39°2953	9	4 14.82	+ 0.37	−14.09	359 45 52.72	46.350	+ 8.56	− 0.2	16 4 1.10	− 2.00	+39 4 59.9	− 4.3
28	B. D. +35°2788	9	8 26.94	+ 0.34	−14.09	3 29 54.22	43.208	+ 8.56	+ 3.5	16 8 13.19	− 1.98	+35 22 6.5	− 4.0
29	B. D. +36°2714	9	12 39.19	+ 0.35	−14.09	2 3 54.20	44.945	+ 8.56	+ 2.1	16 12 25.45	− 1.99	+36 47 28.2	− 4.0
30	B. D. +37°2741	9	17 8.79	+ 0.35	−14.09	1 39 52.38	43.168	+ 8.56	+ 1.7	16 16 55.05	− 2.00	+37 12 11.1	− 3.9
31	B. D. +38°2769	9	21 12.56	+ 0.36	−14.09	0 9 51.95	44.255	+ 8.56	+ 0.2	16 20 58.83	− 2.02	+38 41 48.1	− 3.9
32	B. D. +40°3020	9	25 34.24	+ 0.37	−14.09	358 51 52.35	46.008	+ 8.56	− 1.0	16 25 20.52	− 2.04	+39 59 8.9	− 3.9
33	B. D. +36°2747	7	30 5.04	+ 0.35	−14.09	2 11 52.10	46.500	+ 8.56	+ 2.2	16 29 51.30	− 2.02	+36 38 54.7	− 3.6
34	B. D. +37°2778	9	34 21.47	+ 0.36	−14.09	1 9 52.85	46.585	+ 8.56	+ 1.2	16 34 7.74	− 2.04	+37 40 53.0	− 3.6
35	B. D. +36°2772	9	39 56.73	+ 0.35	−14.09	2 9 52.92	45.512	+ 8.56	+ 2.2	16 39 42.99	− 2.03	+36 41 16.5	− 3.5
36	B. D. +39°3044	9	44 38.27	+ 0.37	−14.09	359 13 52.38	46.792	+ 8.56	− 0.7	16 44 24.55	− 2.07	+39 36 50.6	− 3.4
37	B. D. +35°2878	9	49 1.78	+ 0.34	−14.09	3 11 53.15	46.528	+ 8.56	+ 3.2	16 48 48.03	− 2.04	+35 38 52.0	− 3.3
38	B. D. +39°3074	8	58 57.34	+ 0.37	−14.09	358 59 53.22	45.810	+ 8.56	− 0.9	16 58 43.62	− 2.09	+39 51 12.4	− 3.1
39	B. D. +35°2917	9	3 33.11	+ 0.34	−14.09	3 23 52.82	46.245	+ 8.56	+ 3.4	17 3 19.36	− 2.04	+35 26 58.6	− 3.0
40	B. D. +40°3111	9	7 39.46	+ 0.37	−14.09	358 53 53.18	43.550	+ 8.56	− 1.0	17 7 25.74	− 2.09	+39 58 4.2	− 2.8
41	δ Herculis	9	11 23.60	+ 0.26	**−14.11**	13 53 54.35	45.502	+ 8.56	+ 13.9	17 11 9.77	.....	+24 57 3.6	....
42	B. D. +39°3104	8	16 48.86	+ 0.37	−14.09	359 27 52.95	45.812	+ 8.56	− 0.5	17 16 35.14	− 2.09	+39 23 12.3	− 2.6
43	B. D. +37°2881	9	21 9.32	+ 0.35	−14.09	1 49 52.50	47.535	+ 8.56	+ 1.9	17 20 55.58	− 2.06	+37 0 31.0	− 2.6
44	B. D. +35°2986	9	26 20.02	+ 0.34	−14.09	3 49 54.52	46.728	+ 8.56	+ 4.0	17 26 6.27	− 2.04	+35 0 45.3	− 2.5
45	α Ophiuchi	9	30 47.36	+ 0.19	**−14.09**	26 13 54.85	43.022	+ 8.56	+ 27.5	17 30 33.46	.....	+12 37 46.2	....
46	B. D. +35°3029	9	36 48.26	+ 0.34	−14.09	2 59 53.38	42.510	+ 8.56	+ 3.0	17 36 34.51	− 2.05	+35 52 23.8	− 2.2
47	μ Herculis	9	43 0.18	+ 0.29	**−14.05**	11 3 54.38	46.948	+ 8.56	+ 11.0	17 42 46.38	.....	+27 46 33.4	....
48	Uranus C, C	9	14 38.74	− 0.07	−14.09	62 29 55.85	43.721	+ 8.56	+1 47.2	18 14 24.58	.....	−23 39 50.3	....
	May 28, Hl.												
49	22 Aquilæ	9	12 4.83	+ 0.14	−14.23	34 9 56.92	46.962	+ 8.11	+ 37.9	19 11 50.74	− 1.78	+ 4 40 4.2	− 5.6
50	κ Aquilæ	9	32 2.77	+ 0.06	**−14.20**	46 3 57.52	46.860	+ 8.11	+ 58.0	19 31 48.60	.....	− 7 14 14.2	....
51	f Sagittarii	8	41 5.37	− 0.03	−14.23	58 49 53.78	42.850	+ 8.11	+1 32.2	19 40 51.11	− 1.74	−19 59 12.9	−11.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 17 45	.....	....	63.0
18 33	29.89	63.0	62.1
1 51	29.91	71.3	71.1
26 1 52	29.90	72.9	71.9
2 40	29.90	75.9	75.8
27 4 17	29.89	77.8	76.8
14 31	29.83	70.0	69.0
15 2	.....	....	69.0
15 52	29.83	[illegible]	68.7
16 15	.....	....	68.5
16 37	29.82	68.5	68.3
17 24	.....	....	67.5
18 15	29.80	66.6	65.6
28 18 53	29.85	69.1	68.1
19 24	.....	....	67.9

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 7.	Bisections at III, V.
4, 8, 14, 20.	Bisections at I, II.
11, 12, 13, 16, 48.	Bisections at I, II, VI, VII.
15.	Bisections at VI, VII.
16.	Z. D. threads C used.
18.	Bisections at b_1, b_2, b_5, b_8, b_9.

Notes.

1, 25, 29, 31, 33, 35, 37, 39, 44.	Observed head south.
32, 36, 38, 40.	Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 10.5	− 21.5	...	− 11.0
12	+ 10.3	− 21.2	...	− 10.9
13	+ 4.2	.. ....	− 0.6	+ 3.6
14	+ 2.6	+15 46.5	...	+15 49.1
15	+ 2.6	−15 46.5	...	−15 43.9
16	+ 13.1	.. ....	0.0	+ 13.1
48	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Sagittæ	9	45 1.34	+ 0.22	−14.23	19 56	......	....	. ....	19 44 47.33	− 1.69	+18 54	....
2	β Aquilæ	9	50 54.56	+ 0.15	**−14.24**	32 39 54.40	46.775	+ 8.11	+ 35.9	19 50 40.48	.....	+ 6 10 13.0	....
3	θ Aquilæ	9	6 39.96	+ 0.10	**−14.26**	39 57 55.58	41.870	+ 8.11	+ 46.8	20 6 25.84	.....	− 1 6 7.0	....
4	β Capricorni	9	15 56.26	+ 0.01	**−14.20**	53 55 54.10	42.238	+ 8.11	+1 16.6	20 15 42.05	.....	−15 4 43.7	....
5	Venus II, N.	9	55 11.66	+ 0.19	−14.22	28 21 56.55	46.442	+ 9.18	+ 29.7	1 54 57.63	− 1.40	+10 28 23.2	....
	May 29, Hl.												
6	Sun I, N.	9	22 25.21	+ 0.22	−14.22	16 59 52.58	45.258	+ 9.08	+ 16.7	4 22 11.21	+68.20	+21 51 7.5	....
7	Sun II, S.	9	24 41.61	+ 0.22	−14.22	17 31 52.12	44.118	+ 9.08	+ 17.3	4 24 27.61	−68.20	+21 19 33.6	....
	June 1, Hl.												
8	Sun I, S.	9	34 39.51	+ 0.40	−14.19	17 3 58.28	47.935	+ 9.71	+ 17.5	4 34 25.72	+68.41	+21 45 59.1	....
9	Sun II, N.	9	36 56.33	+ 0.40	−14.19	16 31 59.75	48.975	+ 9.71	+ 16.9	4 36 42.54	−68.41	+22 17 34.8	....
	June 1, Ei.-Y.												
10	ι Virginis	9	11 17.70	+ 0.15	**−14.06**	44 23 59.55	43.428	+ 8.89	+ 55.8	14 11 3.79	.....	− 5 32 56.4	....
11	λ Virginis	9	14 14.07	+ 0.08	**−14.10**	51 45 58.35	45.920	+ 8.89	+1 12.3	14 14 0.09	.....	−12 56 8.6	....
12	B. D.− 8°3761	9	17 0.10	+ 0.13	−14.06	47 3 57.68	47.102	+ 8.90	+1 1.3	14 16 46.17	− 1.94	− 8 14 23.9	+ 3.6
13	B. D.−12°4042	9	20 24.72	+ 0.08	−14.06	51 45 58.08	44.295	+ 8.91	+1 12.3	14 20 10.74	− 2.03	−12 55 31.2	+ 4.4
14	B. D.− 9°3945	9	23 43.23	+ 0.12	−14.06	48 23 58.65	48.005	+ 8.92	+1 4.3	14 23 29.29	− 1.99	− 9 34 48.6	+ 3.5
15	B. D.−15°3892	9	26 59.19	+ 0.06	−14.06	54 45 56.75	46.795	+ 8.93	+1 20.7	14 26 45.19	− 2.10	−15 56 35.4	+ 4.5
16	Mars I, C.	5	28 56.44	+ 0.06	−14.06	54 33 59.12	47.349	+ 8.93	+1 20.0	14 28 42.44	+ 0.59	−15 43 14.3	....
17	Mars II	5	28 57.59	+ 0.06	−14.06	.. ..	......	....	. ....	14 28 43.59	− 0.56	.. ..	....
18	B. D.− 7°3874	9	31 0.71	+ 0.13	−14.06	46 59 58.20	45.190	+ 8.94	+1 1.2	14 30 46.78	− 1.99	− 8 9 40.4	+ 2.8
19	B. D.−21°3946	9	35 57.87	− 0.01	−14.06	61 1 58.32	46.185	+ 8.95	+1 42.9	14 35 43.80	− 2.26	−22 12 45.2	+ 5.0
20	μ Virginis	9	38 19.06	+ 0.16	**−14.07**	44 5 58.25	43.108	+ 8.95	+ 55.3	14 38 5.16	.....	− 5 14 47.3	....
21	B. D.−16°3934	9	40 35.61	+ 0.06	−14.06	55 9 59.22	46.778	+ 8.96	+1 22.0	14 40 21.61	− 2.16	−16 20 38.8	+ 3.7
22	B. D.−12°4134	9	42 59.91	+ 0.09	−14.06	51 15 57.55	46.908	+ 8.97	+1 11.2	14 42 45.94	− 2.10	−12 26 29.3	+ 2.9
23	B. D.−17°4196	9	46 32.19	+ 0.05	−14.06	56 13 56.88	44.532	+ 8.98	+1 25.3	14 46 18.18	− 2.20	−17 23 48.5	+ 3.5
24	B. D.− 8°3855	9	49 1.77	+ 0.13	−14.06	47 31 58.05	45.795	+ 8.98	+1 2.4	14 48 47.84	− 2.06	− 8 41 55.6	+ 1.9
25	ξ² Libræ	9	51 52.74	+ 0.11	**−14.05**	49 51 58.00	44.812	+ 8.99	+1 7.7	14 51 38.79	.....	−11 1 38.4	....
26	B. D.−14°4082	9	53 52.83	+ 0.07	−14.06	53 53 57.00	43.805	+ 8.99	+1 18.2	14 53 38.84	− 2.17	−15 3 24.6	+ 2.7
27	B. D.−17°4243	9	58 2.19	+ 0.05	−14.06	56 5 56.82	43.950	+ 9.00	+1 24.9	14 57 48.18	− 2.22	−17 15 34.7	+ 2.7
28	B. D.−13°4065	8	1 3.07	+ 0.08	−14.06	52 43 57.25	43.762	+ 9.01	+1 15.0	15 0 49.09	− 2.17	−13 53 21.0	+ 2.1
29	B. D.−11°3881	9	3 12.09	+ 0.11	−14.06	50 31 56.12	43.475	+ 9.02	+1 9.4	15 2 58.14	− 2.14	−11 41 7.7	+ 1.6
30	B. D.−14°4140	8	6 47.34	+ 0.08	−14.06	53 41 57.28	46.395	+ 9.03	+1 17.8	15 6 33.36	− 2.20	−14 52 24.0	+ 1.8
31	B. D.−13°4111	9	9 19.48	+ 0.09	−14.06	52 41 57.28	43.718	+ 9.03	+1 15.0	15 9 5.51	− 2.19	−13 51 20.0	+ 1.5
32	B. D.−20°4196	9	12 39.41	+ 0.02	−14.06	59 11 56.68	45.730	+ 9.04	+1 35.8	15 12 25.37	− 2.32	−20 22 26.2	+ 2.2
33	C.P.D.−23°6142 (*mean*)	9	13 51.25	− 0.02	−14.06	62 43 56.92	46.992	+ 9.05	+1 50.7	15 13 37.17	− 2.41	−23 55 10.2	+ 2.5
34	B. D.−22°3938	9	17 7.09	0.00	−14.06	61 27 57.22	44.750	+ 9.05	+1 44.9	15 16 53.03	− 2.38	−22 38 13.4	+ 2.1
35	B. D.− 9°4138	9	19 18.90	+ 0.13	−14.06	48 49 57.42	43.030	+ 9.06	+1 5.4	15 19 4.97	− 2.15	− 9 58 54.9	+ 0.4
36	32 Libræ	9	23 10.07	+ 0.07	**−14.04**	55 13 58.22	42.955	+ 9.07	+1 22.2	15 22 56.08	.....	−16 23 10.7	....
37	B. D.−16°4099	9	25 34.98	+ 0.07	−14.06	55 5 58.30	47.938	+ 9.08	+1 22.0	15 25 20.99	− 2.27	−16 17 4.5	+ 0.8
38	B. D.−19°4135	9	27 25.53	+ 0.04	−14.06	58 9 55.65	47.132	+ 9.08	+1 32.0	15 27 11.51	− 2.33	−19 20 53.4	+ 1.0
39	B. D.−15°4144	9	31 50.61	+ 0.08	−14.06	54 1 56.80	45.298	+ 9.09	+1 18.8	15 31 36.63	− 2.26	−15 11 59.5	+ 0.3
40	B. D.−17°4388	9	33 33.57	+ 0.06	−14.06	56 11 56.75	43.022	+ 9.10	+1 25.3	15 33 19.57	− 2.30	−17 21 14.0	+ 0.4
41	B. D.−13°4226	9	36 14.73	+ 0.10	−14.06	52 29 58.75	45.140	+ 9.10	+1 14.5	15 36 0.77	− 2.24	−13 39 53.6	− 0.1
42	B. D.−14°4266	9	38 21.38	+ 0.09	−14.06	53 33 57.08	46.295	+ 9.11	+1 17.5	15 38 7.41	− 2.26	−14 44 21.3	− 0.1
43	C. P. D.−25°5646	9	40 21.37	− 0.03	−14.06	63 59 58.80	48.585	+ 9.11	+1 57.1	15 40 7.28	− 2.48	−25 11 54.9	+ 0.6
44	B. D.−20°4322	9	42 6.25	+ 0.03	−14.06	58 59 57.35	45.472	+ 9.12	+1 35.1	15 41 52.22	− 2.37	−20 10 20.3	+ 0.1
45	B. D.−18°4182	9	46 26.23	+ 0.05	−14.06	57 27 57.65	47.858	+ 9.13	+1 29.7	15 46 12.22	− 2.35	−18 39 9.8	− 0.3
46	B. D.−16°4174	9	48 41.19	+ 0.07	−14.06	55 15 58.25	47.915	+ 9.13	+1 22.5	15 48 27.20	− 2.31	−16 27 4.5	− 0.6
47	B. D.−13°4290	9	51 10.93	+ 0.10	−14.06	52 57 58.45	43.375	+ 9.14	+1 15.8	15 50 56.97	− 2.27	−14 7 14.3	− 1.0
48	B. D.−15°4226	9	53 9.59	+ 0.09	−14.06	54 1 56.30	45.990	+ 9.15	+1 18.8	15 52 55.62	− 2.29	−15 12 14.9	− 1.0
49	B. D.−20°4380	9	55 48.33	+ 0.02	−14.06	59 41 56.65	47.802	+ 9.15	+1 37.9	15 55 34.29	− 2.40	−20 53 15.7	− 0.8
50	B. D.−19°4308	9	0 11.50	+ 0.04	−14.06	58 21 55.68	46.185	+ 9.16	+1 32.9	15 59 57.48	− 2.38	−19 32 32.8	− 1.2
51	ω² Scorpii	9	2 6.38	+ 0.03	−14.06	59 25 56.05	46.568	+ 9.17	+1 36.8	16 1 52.35	− 2.40	−20 36 45.8	− 1.2
52	C. P. D.−26°5611	9	6 1.02	− 0.04	−14.06	65 44	......	....	. ....	16 5 46.92	− 2.55	−26 54	....
53	C. P. D.−24°5671	9	8 19.10	− 0.01	−14.06	62 59 57.38	45.822	+ 9.18	+1 52.1	16 8 5.03	− 2.48	−24 10 45.4	− 1.5
54	C. P. D.−26°5622	9	9 46.25	− 0.04	−14.06	65 47 58.40	43.310	+ 9.19	+2 6.8	16 9 32.15	− 2.56	−26 58 3.7	− 1.5
55	B. D.−19°4357	9	13 50.24	+ 0.04	−14.06	58 47 56.85	47.765	+ 9.20	+1 34.4	16 13 36.22	− 2.40	−19 59 11.6	− 2.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
28 19 48	......	....	67.3
19 58	......	....	67.3
20 23	29.855	68.2	67.1
1 58	29.88	77.9	77.0
29 4 25	29.85	80.6	80.1
1 4 37	29.85	61.2	60.1
14 9	29.835	58.9	57.7
14 38	......	....	56.8
15 4	29.83	57.1	55.9
15 29	......	....	55.5
15 57	29.825	56.1	54.9

Micrometer bisections are made at II, VI, except as noted below.

5, 6, 8. Bisections at I, II.
7, 18, 26. Bisections at VI, VII.
9. Bisection at VI.
16. Z. D. threads C used.
16. Bisections at I, II, VI, VII.
24, 36–38. Bisections at II, VII.

Notes.

4. Fog.
19–25, 28. Unsteady.
34–55. Images at times poor.
53. Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 10.0	− 20.5	...	− 10.5
6	+ 2.5	−15 46.9	...	−15 44.4
7	+ 2.6	+15 46.9	...	+15 49.5
8	+ 2.5	+15 47.8	...	+15 50.3
9	+ 2.4	−15 47.8	...	−15 45.4
16	+ 12.8	.. ....	0.0	+ 12.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D.−26°5627	9	15 45.44	− 0.04	−14.06	65 49 58.02	43.850	+ 9.20	+2 7.1	16 15 31.34	− 2.56	−27 0 16.0	− 2.0
2	B. D.−19°4368	9	20 9.75	+ 0.05	−14.06	58 25 56.40	47.615	+ 9.22	+1 33.1	16 19 55.74	− 2.39	−19 37 6.5	− 2.5
3	B. D.−18°4287	9	24 27.88	+ 0.06	−14.06	57 17 56.78	44.682	+ 9.23	+1 29.0	16 24 13.88	− 2.37	−18 27 55.7	− 2.8
4	B. D.−17°4591	9	26 25.95	+ 0.07	−14.06	56 19 56.58	46.300	+ 9.23	+1 25.8	16 26 11.96	− 2.35	−17 30 29.3	− 3.0
5	B. D.−18°4295	9	30 15.02	+ 0.06	−14.06	57 17 57.12	46.335	+ 9.24	+1 29.1	16 30 1.02	− 2.37	−18 28 34.0	− 3.2
6	B. D.−17°4606	9	33 14.35	+ 0.07	−14.06	56 51 55.88	44.365	+ 9.25	+1 27.6	16 33 0.36	− 2.36	−18 1 46.2	− 3.4
7	B. D.−15°4369	9	35 54.89	+ 0.10	−14.06	53 59 57.82	45.990	+ 9.26	+1 18.7	16 35 40.93	− 2.31	−15 10 16.4	− 3.5
8	C. P. D.−26°5712	9	38 16.04	− 0.03	−14.06	65 25 57.65	47.520	+ 9.26	+2 4.8	16 38 1.95	− 2.54	−26 37 37.3	− 3.7
9	C. P. D.−26°5738	9	44 34.80	− 0.03	−14.06	65 23 58.20	44.755	+ 9.28	+2 4.6	16 44 20.71	− 2.54	−26 34 34.4	− 4.1
10	C. P. D.−25°5882	9	48 47.17	− 0.02	−14.05	64 29 58.20	44.302	+ 9.29	+1 59.6	16 48 33.10	− 2.51	−25 40 19.1	− 4.4
11	ξ Serpentis	9	32 25.02	+ 0.10	**−14.09**	54 9 59.58	45.915	+ 9.41	+1 19.3	17 32 11.07	....	−15 20 17.2	....
12	β Ophiuchi	9	39 2.63	+ 0.28	**−14.05**	34 13 57.32	45.870	+ 9.41	+ 39.0	17 38 48.86	....	+ 4 36 26.3	....
13	C. P. D.−26°6002	9	44 25.94	− 0.02	−14.05	65 35 58.22	45.190	+ 9.41	+2 5.9	17 44 11.87	− 2.43	−26 46 45.4	− 8.2
14	B. D.−21°4760	9	46 25.12	+ 0.04	−14.05	59 51 58.62	44.108	+ 9.41	+1 38.5	17 46 11.11	− 2.32	−21 1 54.1	− 7.8
15	9 G. Sagittarii	9	50 35.98	+ 0.07	−14.05	57 35 56.62	47.592	+ 9.41	+1 30.3	17 50 22.00	− 2.27	−18 47 3.5	− 7.8
16	C. P. D.−28°6083	9	52 53.84	− 0.05	−14.05	67 33 57.62	44.860	+ 9.41	+2 18.2	17 52 39.74	− 2.45	−28 44 49.7	− 9.0
17	B. D.−17°4987	9	56 8.11	+ 0.08	−14.05	55 59 58.20	42.655	+ 9.41	+1 24.8	17 55 54.14	− 2.24	−17 9 7.1	− 7.9
18	B. D.−17°4997	9	57 26.43	+ 0.08	−14.05	56 21 56.10	43.015	+ 9.41	+1 26.0	17 57 12.46	− 2.24	−17 31 14.1	− 8.0
19	γ Sagittarii	9	59 58.84	− 0.08	−14.05	69 13 56.65	45.655	+ 9.41	+2 30.4	17 59 44.71	....	−30 25 19.4	....
20	B. D.−21°4866	9	3 12.99	+ 0.04	−14.05	60 17 58.98	43.412	+ 9.41	+1 40.3	18 2 58.98	− 2.28	−21 27 40.4	− 8.8
21	C. P. D.−23°6929	9	6 11.89	+ 0.01	−14.05	62 31 57.25	46.865	+ 9.41	+1 50.1	18 5 57.85	− 2.31	−23 43 7.4	− 9.2
22	C. P. D.−25°6411	9	9 34.61	− 0.02	−14.05	64 37 56.70	45.920	+ 9.41	+2 0.6	18 9 20.54	− 2.34	−25 48 55.7	− 9.6
23	C. P. D.−28°6498	9	11 38.99	− 0.05	−14.05	67 7 58.25	45.305	+ 9.41	+2 15.4	18 11 24.89	− 2.38	−28 18 58.0	−10.1
24	B. D.−15°4927	9	14 56.74	+ 0.09	−14.05	54 41 57.10	45.580	+ 9.41	+1 20.9	18 14 42.78	− 2.17	−15 52 8.6	− 8.6
25	B. D.−20°5118	9	17 56.41	+ 0.04	−14.05	59 31 57.52	44.278	+ 9.41	+1 37.3	18 17 42.40	− 2.22	−20 41 55.7	− 9.4
26	λ Sagittarii	9	22 22.83	− 0.01	−14.05	64 17 58.50	44.368	+ 9.41	+1 58.8	18 22 8.77	....	−25 28 20.2	....
27	B. D.−18°4982	9	24 52.97	+ 0.06	−14.05	57 35 57.25	48.032	+ 9.41	+1 30.3	18 24 38.98	− 2.17	−18 47 14.2	− 9.4
28	C. P. D.−30°5557	9	28 25.44	− 0.08	−14.05	69 45 57.02	44.880	+ 9.41	+2 34.6	18 28 11.31	− 2.36	−30 57 6.2	−11.4
29	C. P. D.−28°6611	9	31 19.18	− 0.05	−14.05	67 23 57.75	45.670	+ 9.41	+2 17.2	18 31 5.08	− 2.30	−28 35 7.6	−11.2
30	C. P. D.−26°6527	9	35 27.47	− 0.03	−14.05	65 37 58.45	47.328	+ 9.41	+2 6.2	18 35 13.39	− 2.25	−26 49 35.2	−11.2
31	B. D.−19°5142	9	38 49.01	+ 0.06	−14.05	58 13 55.00	46.518	+ 9.41	+1 32.5	18 38 35.02	− 2.13	−19 24 39.6	−10.1
32	C. P. D.−29°5710	9	41 0.74	− 0.07	−14.05	68 31 56.58	46.900	+ 9.41	+2 25.1	18 40 46.62	− 2.28	−29 43 42.3	−11.9
33	B. D.−20°5277	9	44 18.04	+ 0.05	−14.05	59 15 57.88	44.098	+ 9.41	+1 36.2	18 44 4.04	− 2.12	−20 25 50.9	−10.5
34	C. P. D.−27°6550	9	47 26.50	− 0.04	−14.05	66 41 57.40	43.322	+ 9.41	+2 12.4	18 47 12.41	− 2.22	−27 52 8.7	−12.0
35	C. P. D.−23°7307	9	50 31.79	+ 0.01	−14.05	62 7 57.20	42.798	+ 9.41	+1 48.0	18 50 17.75	− 2.13	−23 17 32.3	−11.3
36	B. D.−18°5155	9	54 9.33	+ 0.06	−14.05	57 31 56.98	43.730	+ 9.41	+1 29.9	18 53 55.34	− 2.06	−18 41 35.3	−10.6
37	C. P. D.−25°6667	9	56 55.00	− 0.01	−14.05	63 47 57.35	45.052	+ 9.41	+1 56.1	18 56 40.94	− 2.13	−24 58 32.0	−11.9
38	B. D.−21°5237	9	59 15.56	+ 0.03	−14.05	60 41 57.80	46.078	+ 9.41	+1 42.0	18 59 1.54	− 2.08	−21 52 41.8	−11.4
39	B. D.−17°5478	9	2 4.58	+ 0.07	−14.05	56 13 56.02	42.915	+ 9.41	+1 25.6	19 1 50.60	− 2.02	−17 23 11.4	−10.6
40	B. D.−20°5415	9	4 28.03	+ 0.05	−14.05	58 45 55.32	47.570	+ 9.41	+1 34.4	19 4 14.03	− 2.03	−19 57 5.9	−11.2
41	ψ Sagittarii	9	9 59.10	− 0.02	−14.05	64 13 58.25	46.332	+ 9.41	+1 58.5	19 9 45.03	....	−25 25 4.6	....
42	d Sagittarii	9	12 20.62	+ 0.06	**−14.05**	57 57 59.72	42.488	+ 9.41	+1 31.5	19 12 6.63	....	−19 7 11.5	....
43	C. P. D.−23°7434	9	13 48.95	0.00	−14.05	62 33 56.85	43.072	+ 9.41	+1 50.2	19 13 34.90	− 2.03	−23 43 40.3	−12.3
44	B. D.−19°5412	9	16 19.08	+ 0.05	−14.05	58 13 56.82	46.280	+ 9.41	+1 32.6	19 16 5.08	− 1.97	−19 24 36.1	−11.5
45	C. P. D.−24°6722	9	19 52.15	0.00	−14.05	63 25 57.10	42.985	+ 9.41	+1 54.4	19 19 38.10	− 2.01	−24 35 42.8	−12.7
46	B. D.−20°5561	9	22 45.24	+ 0.04	−14.05	59 31 57.02	45.290	+ 9.41	+1 37.4	19 22 31.23	− 1.95	−20 42 18.4	−12.0
47	C. P. D.−25°6824	9	25 43.73	− 0.02	−14.05	64 45 55.90	43.188	+ 9.41	+2 1.3	19 25 29.66	− 1.99	−25 55 53.2	−13.2
48	C. P. D.−23°7530	9	30 12.12	+ 0.01	−14.05	62 19 48.90	46.612	+ 9.41	+1 49.3	19 29 58.08	− 1.94	−23 30 52.1	−12.8
49	B. D.−14°5479	9	32 29.07	+ 0.10	−14.05	53 19 57.62	46.678	+ 9.41	+1 17.1	19 32 15.12	− 1.86	−14 30 30.5	−10.8
50	B. D.−15°5420	9	34 44.43	+ 0.09	−14.05	54 11 57.28	47.642	+ 9.41	+1 19.6	19 34 30.47	− 1.85	−15 22 54.7	−11.1
51	B. D.−19°5561	9	37 55.97	+ 0.05	−14.05	58 9 55.72	44.830	+ 9.41	+1 32.4	19 37 41.97	− 1.86	−19 20 1.7	−12.1
52	B. D.−17°5746	9	41 57.32	+ 0.07	−14.05	56 7 56.12	46.340	+ 9.41	+1 25.5	19 41 43.34	− 1.83	−17 18 29.6	−11.7
53	B. D.−21°5556	9	47 32.73	+ 0.03	−14.05	60 7 58.28	45.565	+ 9.41	+1 39.9	19 47 18.71	− 1.82	−21 18 28.5	−12.8
54	C. P. D.−23°7614	9	51 16.07	+ 0.01	−14.05	62 7 57.25	46.170	+ 9.41	+1 48.5	19 51 2.03	− 1.82	−23 18 49.9	−13.4
55	B. D.−20°5784	9	55 14.56	+ 0.04	−14.05	58 55 55.90	46.852	+ 9.41	+1 35.3	19 55 0.55	− 1.77	−20 6 50.9	−12.7
56	B. D.−18°5578	9	57 41.05	+ 0.06	−14.05	57 37 57.15	45.795	+ 9.41	+1 30.6	19 57 27.06	− 1.75	−18 48 23.3	−12.4
57	τ Aquilæ	9	59 45.36	+ 0.28	**−13.96**	31 49 56.25	45.545	+ 9.41	+ 35.7	19 59 31.59	....	+ 7 0 38.1	....
58	θ Aquilæ	9	6 39.77	+ 0.21	**−14.08**	39 55 57.70	46.885	+ 9.41	+ 48.2	20 6 25.93	....	− 1 6 6.4	....
	June 1, Br.												
59	Venus II, N.	9	2 27.52	+ 0.31	−14.13	28 15 59.10	45.031	+10.50	+ 30.1	2 2 13.70	− 1.31	+10 34 51.5	....
60	Mercury C, C.	9	12 33.33	+ 0.30	−14.13	23 31 56.45	48.009	+10.50	+ 24.2	3 12 19.50	− 0.07	+15 17 52.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 16 24	....	....	55.1
16 50	29.82	55.8	55.1
17 30	29.815	55.2	54.4
17 59	....	....	54.0
18 19	29.805	54.7	53.6
18 49	....	....	54.3
19 18	29.80	54.6	53.5
19 44	....	....	52.9
20 8	29.80	53.7	52.4
2 2	29.82	66.0	67.1
3 13	29.815	69.8	70.2

Micrometer bisections are made at II, VI, except as noted below.

13.	Bisection at VII.
15, 24, 34, 43, 46.	Bisections at II, VII.
16, 48.	Bisections at VI, VII.
17, 42.	Bisections at I, II.
32.	Bisections at II, VI, VII.
59, 60.	Bisections at I, II, VI, VII.

Notes.

1.	Faint; difficult.
29–35.	Images bad.
47.	Image poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
59	+ 9.3	− 19.3	...	− 10.0
60	+ 3.3	.. ....	− 0.4	+ 2.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	June 2, Br.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	38 45.42	+ 0.32	−14.12	16 57 58.08	42.668	+ 9.78	+ 16.9	4 38 31.62	+68.42	+21 54 0.2	....
2	Sun II, N.	9	41 2.25	+ 0.32	−14.12	16 25 56.05	43.792	+ 9.78	+ 16.3	4 40 48.45	−68.41	+22 25 37.5	....
3	43 H. Cephei s. p.	9	55 56.83	− 3.67	−14.11	304 37 52.32	43.800	+ 8.94	−1 21.5	0 55 39.05	.....	+85 44 40.0	....
4	43 Comæ Berenices	9	7 41.48	+ 0.33	**−14.05**	10 29 55.02	44.195	+ 8.94	+ 10.5	13 7 27.70	.....	+28 21 35.8	....
5	*α* Ursæ Minoris s. p.	5	25 3.36	−13.56	−14.11	307 39 50.58	46.458	+ 8.94	−1 13.0	1 24 35.69	.....	+88 47 47.0	....
6	*ζ* Virginis	9	30 6.73	+ 0.11	**−14.10**	38 55 55.42	48.738	+ 8.94	+ 45.8	13 29 52.73	.....	− 0 6 43.3	....
7	*m* Virginis	9	36 53.29	+ 0.05	**−14.09**	47 3 55.50	44.982	+ 8.94	+1 0.9	13 36 39.23	.....	− 8 13 32.7	....
8	89 Virginis	9	44 58.58	− 0.03	**−14.13**	56 29 54.95	44.685	+ 8.94	+1 25.5	13 44 44.44	.....	−17 39 49.9	....
9	*η* Boötis	9	50 25.06	+ 0.25	**−14.05**	19 57 55.10	46.830	+ 8.94	+ 20.7	13 50 11.20	.....	+18 52 25.3	....
10	11 Boötis	9	57 7.30	+ 0.33	−14.11	10 59 55.70	46.390	+ 8.94	+ 11.1	13 56 53.52	.....	+27 50 44.4	....
11	*d* Boötis	9	6 19.37	+ 0.31	**−14.07**	13 19 54.92	41.625	+ 8.94	+ 13.5	14 6 5.57	.....	+25 32 31.6	....
12	*λ* Boötis	9	13 1.51	+ 0.51	−14.11	352 19 54.50	45.090	+ 8.94	− 7.6	14 12 47.91	.....	+46 31 34.1	....
13	*f* Boötis	9	22 17.76	+ 0.26	**−14.10**	19 11 54.65	44.728	+ 8.94	+ 19.8	14 22 3.91	.....	+19 39 14.7	....
14	Mars I, C.	5	28 6.22	− 0.02	−14.11	54 31 55.75	48.626	+ 8.94	+1 19.5	14 27 52.09	+ 0.62	−15 41 39.7	....
15	Mars II	5	28 7.42	− 0.02	−14.11	... .	......	....	. ....	14 27 53.29	− 0.58	.. ..	....
16	*π* Boötis (*pr.*)	9	36 31.28	+ 0.24	−14.11	22 1 54.75	43.792	+ 8.94	+ 23.0	14 36 17.41	− 1.74	+16 49 32.5	− 2.4
17	*ε* Boötis	9	41 5.76	+ 0.32	**−14.05**	11 21 55.02	46.990	+ 8.94	+ 11.5	14 40 51.97	.....	+27 28 30.6	....
	June 2, M.												
18	*β* Serpentis	9	42 3.89	+ 0.26	**−13.98**	23 7 55.92	44.655	+ 9.12	+ 24.3	15 41 50.15	.....	+15 43 10.4	....
19	*ε* Serpentis	9	46 20.64	+ 0.18	**−13.99**	34 3 56.85	47.580	+ 9.12	+ 38.4	15 46 6.82	.....	+ 4 45 48.6	....
20	B. D.+37°2696	9	55 46.17	+ 0.45	−14.00	1 37 54.52	46.668	+ 9.12	+ 1.7	15 55 32.62	− 1.98	+37 12 48.4	− 6.0
21	B. D.+35°2764	9	59 54.12	+ 0.43	−14.00	3 53 54.95	45.990	+ 9.12	+ 3.9	15 59 40.55	− 1.98	+34 57 1.2	− 5.8
22	B. D.+39°2953	9	4 14.69	+ 0.47	−14.00	359 45 52.62	46.232	+ 9.12	− 0.2	16 4 1.16	− 2.01	+39 5 2.1	− 6.1
23	B. D.+35°2788	9	8 26.75	+ 0.43	−14.00	3 29 54.90	43.045	+ 9.12	+ 3.5	16 8 13.18	− 2.00	+35 22 9.0	− 5.7
24	B. D.+36°2714	9	12 38.97	+ 0.44	−14.00	2 3 54.28	44.862	+ 9.12	+ 2.1	16 12 25.41	− 2.02	+36 47 29.5	− 5.8
25	B. D.+37°2741	9	17 8.59	+ 0.45	−14.00	1 39 54.48	42.928	+ 9.12	+ 1.7	16 16 55.04	− 2.04	+37 12 13.9	− 5.7
26	B. D.+38°2769	9	21 12.43	+ 0.46	−14.00	0 9 54.42	44.045	+ 9.12	+ 0.2	16 20 58.89	− 2.06	+38 41 49.9	− 5.7
27	B. D.+40°3020	9	25 34.04	+ 0.48	−14.00	358 51 54.98	45.750	+ 9.12	− 1.1	16 25 20.52	− 2.08	+39 59 11.7	− 5.7
28	B. D.+36°2747	9	30 4.91	+ 0.44	−14.00	2 11 53.68	46.338	+ 9.12	+ 2.3	16 29 51.35	− 2.06	+36 38 56.2	− 5.4
29	B. D.+37°2778	9	34 21.31	+ 0.45	−14.00	1 9 53.10	46.435	+ 9.12	+ 1.2	16 34 7.76	− 2.08	+37 40 55.6	− 5.4
30	B. D.+36°2772	9	39 56.64	+ 0.44	−14.00	2 9 53.20	45.430	+ 9.12	+ 2.2	16 39 43.08	− 2.08	+36 41 17.5	− 5.3
31	B. D.+39°3044	9	44 38.06	+ 0.47	−14.00	359 13 54.08	46.582	+ 9.12	− 0.7	16 44 24.53	− 2.12	+39 36 53.2	− 5.3
32	B. D.+35°2878	9	49 1.65	+ 0.43	−14.00	3 11 55.30	46.350	+ 9.12	+ 3.2	16 48 48.08	− 2.09	+35 38 53.4	− 5.1
33	*κ* Ophiuchi	9	53 26.15	+ 0.22	**−14.02**	29 19 56.55	43.760	+ 9.12	+ 32.0	16 53 12.37	.....	+ 9 31 22.6	....
34	B. D.+39°3074	9	58 57.16	+ 0.47	−14.00	358 59 55.35	45.608	+ 9.12	− 0.9	16 58 43.63	− 2.14	+39 51 14.4	− 5.0
35	B. D.+35°2917	9	3 32.97	+ 0.43	−14.00	3 23 54.60	46.065	+ 9.12	+ 3.4	17 3 19.40	− 2.11	+35 27 0.4	− 4.8
36	B. D.+40°3111	9	7 39.34	+ 0.48	−14.00	358 53 53.32	43.402	+ 9.12	− 1.0	17 7 25.82	− 2.16	+39 58 6.9	− 4.8
37	*δ* Herculis	9	11 23.49	+ 0.34	**−14.01**	13 53 55.30	45.320	+ 9.12	+ 14.1	17 11 9.83	.....	+24 57 6.0	....
38	B. D.+39°3104	9	16 48.77	+ 0.47	−14.00	359 27 55.12	45.612	+ 9.12	− 0.5	17 16 35.24	− 2.16	+39 23 14.1	− 4.5
39	B. D.+35°2986	9	26 19.97	+ 0.43	−14.00	3 49 55.72	46.560	+ 9.12	+ 3.9	17 26 6.40	− 2.12	+35 0 47.5	− 4.3
40	*α* Ophiuchi	9	30 47.30	+ 0.24	**−14.00**	26 13 56.25	42.902	+ 9.12	+ 28.1	17 30 33.54	.....	+12 37 46.4	....
41	B. D.+35°3029	8	36 48.10	+ 0.44	−14.00	2 59 55.00	42.298	+ 9.12	+ 3.0	17 36 34.54	− 2.14	+35 52 26.5	− 4.0
42	*μ* Herculis	9	43 0.14	+ 0.36	**−14.00**	11 3 55.25	46.815	+ 9.12	+ 11.2	17 42 46.50	.....	+27 46 34.8	....
43	Uranus C, C.	9	13 42.54	− 0.04	−14.00	62 29 56.10	44.629	+ 9.12	+1 49.4	18 13 28.50	.....	−23 40 14.1	....
	June 2, Hl.												
44	*θ* Serpentis	9	51 45.76	+ 0.21	**−14.21**	34 45 57.70	44.790	+ 8.82	+ 39.8	18 51 31.84	.....	+ 4 4 50.4	....
45	*ε* Aquilæ	8	55 34.49	+ 0.29	**−14.18**	23 53 57.18	46.645	+ 8.82	+ 25.4	18 55 20.65	.....	+14 56 23.2	....
46	22 Aquilæ	9	12 4.78	+ 0.21	−14.13	34 9 58.70	46.748	+ 8.82	+ 39.0	19 11 50.86	− 1.89	+ 4 40 5.5	− 6.5
47	159 B. Lyræ	8	16 3.39	+ 0.51	−14.13	358 39 55.12	46.105	+ 8.82	− 1.3	19 15 49.77	− 2.12	+40 11 3.9	− 0.5
48	*κ* Aquilæ	9	32 2.77	+ 0.12	**−14.14**	46 3 58.98	46.590	+ 8.82	+ 59.7	19 31 48.76	.....	− 7 14 11.9	....
49	14 Cygni	9	36 36.75	+ 0.54	−14.13	356 16	......	....	. ....	19 36 23.16	− 2.12	+42 35	....
50	*f* Sagittarii	9	41 5.36	0.00	−14.13	58 50	......	....	. ....	19 40 51.23	− 1.88	−19 59	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 4 41	29.82	71.8	73.7
12 53	......	...	59.9
13 3	29.79	[illegible]	....
13 23	......	....	60.0
13 54	......	....	59.4
14 16	......	....	59.2
14 28	......	....	59.7
14 46	[illegible]	61.0	59.9
15 37	[illegible]	[illegible]	59.3
16 16	......	....	58.8
16 38	29.84	59.4	58.4
17 14	......	...	58.0
17 41	[illegible]	[illegible]	57.1
18 12	29.85	57.5	56.5
18 40	[illegible]	56.4	55.1
19 7	......	....	54.8
19 22	......	....	[illegible]

Micrometer bisections are made at II, VI, except as noted below.

1, 16, 17. Bisections at I, II.
2, 6–8, 45. Bisections at VI, VII.
3. Bisections at b_1, b_2, b_5, b_8, b_9.
5. Bisections at b_5, b_6, b_7, b_8, b_9.
12. Bisection at V.
14. Z. D. threads C used.
14, 43. Bisections at I, II, VI, VII.

Notes.

3. Micrometer reading decreased 1 rev.
3. Diffuse.
5, 7. Clouds.
6. Unsteady.
13. Faint.
21, 23, 25, 29, 41. Observed head south.
22, 38. Observed head north.
24, 44. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 2.5	+15 48.6	...	+15 51.1
2	+ 2.4	−15 48.6	...	−15 46.2
14	+ 12.8	.. ....	0.0	+ 12.8
43	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Aquilæ	9	50 54.54	+ 0.22	**−14.17**	32 39 58.82	46.475	+ 8.82	+ 37.0	19 50 40.63	.....	+ 6 10 13.6	....
2	θ Aquilæ	9	6 39.89	+ 0.17	**−14.13**	39 57 59.92	41.535	+ 8.82	+ 48.3	20 6 25.93	.....	− 1 6 5.9	....
3	β Capricorni	9	15 56.33	+ 0.05	**−14.17**	53 55 58.02	41.925	+ 8.82	+1 19.0	20 15 42.25	.....	−15 4 43.6	....
4	π Capricorni	9	22 8.88	+ 0.02	**−14.16**	57 21 57.35	42.745	+ 8.82	+1 29.9	20 21 54.77	.....	−18 31 12.5	....
5	Venus II, N.	9	4 30.11	+ 0.27	−14.15	28 12 0.90	46.002	+ 9.83	+ 30.5	2 4 16.23	− 1.29	+10 38 27.8	....
6	Mercury II, C.	9	18 39.32	+ 0.31	−14.15	22 59 59.00	46.591	+ 9.83	+ 24.1	3 18 25.48	− 0.22	+15 50 22.6	....
	June 3, Hl.												
7	Sun I, N.	9	42 51.39	+ 0.35	−14.15	16 17 55.95	44.745	+ 9.32	+ 16.5	4 42 37.59	+68.50	+22 33 15.7	....
8	Sun II, S.	9	45 8.39	+ 0.35	−14.15	16 49 55.78	43.680	+ 9.32	+ 17.1	4 44 54.59	−68.50	+22 1 40.0	....
	June 3, Ei.-Y.												
9	μ Virginis	9	38 19.06	+ 0.11	**−14.02**	44 5 56.98	43.195	+ 8.87	+ 55.0	14 38 5.13	.....	− 5 14 47.7	....
10	B. D. −22°3844	9	40 55.77	− 0.06	−14.04	61 33 56.72	47.298	+ 8.87	+1 44.8	14 40 41.67	− 2.29	−22 45 11.1	+ 4.8
11	B. D. −20°4093	9	42 5.78	− 0.04	−14.04	59 45 56.30	43.742	+ 8.87	+1 37.3	14 41 51.70	− 2.25	−20 55 41.7	+ 4.4
12	α Libræ	9	45 53.44	+ 0.02	**−14.03**	54 27 56.95	47.710	+ 8.87	+1 19.5	14 45 39.42	.....	−15 38 55.2	....
13	B. D. −21°3985	9	48 8.81	− 0.04	−14.04	60 1 56.80	47.208	+ 8.87	+1 38.4	14 47 54.73	− 2.28	−21 13 2.5	+ 4.0
14	B. D. −16°3970	9	51 18.11	+ 0.01	−14.04	55 13 56.98	47.878	+ 8.87	+1 21.8	14 51 4.08	− 2.19	−16 25 1.3	+ 3.0
15	C. P. D. −23°6029	9	53 31.44	− 0.06	−14.04	62 17 56.42	44.735	+ 8.87	+1 48.0	14 53 17.34	− 2.35	−23 28 15.2	+ 4.0
16	B. D. −21°4015	9	57 18.43	− 0.04	−14.04	60 27 57.18	45.610	+ 8.87	+1 40.2	14 57 4.35	− 2.32	−21 38 28.2	+ 3.4
17	B. D. −19°4019	9	0 39.50	− 0.02	−14.04	58 51 55.82	46.908	+ 8.87	+1 34.0	15 0 25.44	− 2.29	−20 2 50.5	+ 3.0
18	C. P. D. −23°6073	9	2 0.23	− 0.06	−14.04	62 39 57.02	43.228	+ 8.87	+1 49.6	15 1 46.13	− 2.38	−23 49 43.0	+ 3.4
19	B. D. −20°4164	9	6 21.49	− 0.03	−14.04	59 45 55.88	47.470	+ 8.87	+1 37.5	15 6 7.42	− 2.33	−20 57 6.6	+ 2.7
20	B. D. −22°3916	9	8 30.09	− 0.06	−14.04	61 59 57.55	47.108	+ 8.87	+1 46.8	15 8 15.99	− 2.38	−23 11 9.4	+ 2.8
21	B. D. −16°4049	9	12 34.61	+ 0.01	−14.04	55 39 55.60	47.528	+ 8.87	+1 23.2	15 12 20.58	− 2.26	−16 50 53.4	+ 1.7
22	B. D. −15°4083	9	15 58.86	+ 0.03	−14.04	54 1 56.00	46.455	+ 8.87	+1 18.4	15 15 44.85	− 2.24	−15 12 24.5	+ 1.3
23	C. P. D. −25°5616	9	19 17.47	− 0.08	−14.04	64 7 57.15	48.582	+ 8.87	+1 57.1	15 19 3.35	− 2.46	−25 19 53.0	+ 2.3
24	B. D. −14°4208	9	22 39.98	+ 0.04	−14.04	53 27 56.42	43.922	+ 8.87	+1 16.7	15 22 25.98	− 2.24	−14 37 25.4	+ 0.8
25	B. D. −21°4135	9	26 54.69	− 0.04	−14.04	60 27 56.98	46.055	+ 8.87	+1 40.3	15 26 40.61	− 2.39	−21 38 38.5	+ 1.3
26	B. D. −16°4110	9	27 49.43	+ 0.04	−14.04	55 21 55.98	44.910	+ 8.87	+1 22.3	15 27 35.41	− 2.29	−16 31 53.1	+ 0.7
27	γ Libræ	.	.. ..	....	.....	53 17 56.70	46.538	+ 8.87	+1 16.4	15 30	.....	−14 28 25.1	....
28	B. D. −14°4250	9	33 27.47	+ 0.04	−14.04	53 1 55.48	46.150	+ 8.87	+1 15.6	15 33 13.47	− 2.26	−14 12 14.2	+ 0.1
29	B. D. −16°4135	9	35 34.29	+ 0.02	−14.04	55 15 56.85	47.542	+ 8.87	+1 22.1	15 35 20.27	− 2.30	−16 26 53.6	+ 0.2
30	B. D. −16°4151	9	38 50.13	+ 0.02	−14.04	55 23 56.55	45.562	+ 8.87	+1 22.5	15 38 36.11	− 2.31	−16 34 8.8	0.0
31	C. P. D. −26°5507	9	41 51.42	− 0.09	−14.04	65 35 56.05	47.495	+ 8.87	+2 5.2	15 41 37.29	− 2.54	−26 47 35.0	+ 0.7
32	C. P. D. −25°5667	9	45 32.41	− 0.07	−14.04	64 15 57.32	48.328	+ 8.87	+1 57.9	15 45 18.30	− 2.51	−25 27 48.1	+ 0.3
33	C. P. D. −23°6277	9	48 33.12	− 0.05	−14.04	62 29 55.25	48.675	+ 8.87	+1 49.3	15 48 19.03	− 2.47	−23 41 45.4	0.0
34	B. D. −17°4450	9	50 39.35	+ 0.01	−14.04	56 33 54.82	48.115	+ 8.87	+1 26.3	15 50 25.32	− 2.35	−17 45 9.2	− 0.7
35	B. D. −13°4302	9	53 8.38	+ 0.05	−14.04	52 49 56.12	46.450	+ 8.87	+1 15.2	15 52 54.39	− 2.28	−14 0 21.3	− 1.2
36	B. D. −18°4213	9	55 46.48	0.00	−14.04	57 31 56.02	44.055	+ 8.87	+1 29.4	15 55 32.44	− 2.37	−18 41 40.7	− 1.0
37	β^1 Scorpii	9	0 11.18	0.00	**−14.11**	58 21 55.50	46.745	+ 8.87	+1 32.4	15 59 57.14	.....	−19 32 44.6	....
38	B. D. −13°4342	9	2 1.75	+ 0.05	−14.04	52 37 57.45	48.012	+ 8.87	+1 14.7	16 1 47.76	− 2.29	−13 48 57.9	− 1.7
39	B. D. −17°4502	9	4 43.27	+ 0.01	−14.04	56 53 55.30	48.522	+ 8.87	+1 27.4	16 4 29.24	− 2.37	−18 5 20.1	− 1.6
40	B. D. −14°4370	9	8 5.27	+ 0.04	−14.04	53 41 55.28	46.462	+ 8.87	+1 17.6	16 7 51.27	− 2.32	−14 52 23.2	− 2.0
41	B. D. −22°4127	9	9 31.66	− 0.03	−14.04	60 57 56.08	45.328	+ 8.87	+1 42.6	16 9 17.59	− 2.46	−22 8 23.0	− 1.7
42	B. D. −17°4534	9	13 15.92	+ 0.02	−14.04	55 59 55.75	43.138	+ 8.87	+1 24.4	16 13 1.90	− 2.36	−17 9 14.4	− 2.2
43	σ Scorpii	9	15 41.41	− 0.07	−14.04	64 11 56.55	43.395	+ 8.87	+1 57.6	16 15 27.30	.....	−25 21 54.3	....
44	ρ Ophiuchi (*mean*)	9	20 9.75	− 0.04	−14.04	62 3 56.25	43.225	+ 8.87	+1 47.3	16 19 55.67	− 2.49	−23 13 39.8	− 2.4
45	B. D. −21°4366	9	23 58.69	− 0.02	−14.04	60 11 56.08	43.155	+ 8.87	+1 39.4	16 23 44.63	− 2.45	−21 21 30.2	− 2.7
46	B. D. −22°4173	9	26 12.96	− 0.03	−14.04	61 25 57.00	43.492	+ 8.87	+1 44.6	16 25 58.89	− 2.47	−22 35 44.0	− 2.8
47	τ Scorpii	9	30 14.76	− 0.10	−14.04	66 49 56.42	45.950	+ 8.87	+2 12.9	16 30 0.62	.....	−28 1 7.9	....
48	C. P. D. −26°5690	9	33 0.91	− 0.08	−14.04	65 37 57.18	43.005	+ 8.87	+2 5.6	16 32 46.79	− 2.57	−26 47 54.0	− 3.2
49	24 Scorpii	9	36 21.02	+ 0.02	−14.04	56 23 55.32	43.745	+ 8.87	+1 25.8	16 36 7.00	− 2.37	−17 33 29.3	− 3.6
50	C. P. D. −28°5395	9	39 20.30	− 0.10	−14.04	67 9 55.65	42.810	+ 8.87	+2 15.0	16 39 6.16	− 2.61	−28 19 57.3	− 3.7
51	B. D. −21°4422	9	44 11.53	− 0.02	−14.04	60 29 56.68	47.288	+ 8.87	+1 40.8	16 43 57.47	− 2.45	−21 41 6.6	− 4.1
52	B. D. −16°4360	9	45 44.19	+ 0.04	−14.04	55 11 55.78	47.760	+ 8.87	+1 22.2	16 45 30.19	− 2.35	−16 22 57.6	− 4.2
53	C. P. D. −23°6414	9	49 22.83	− 0.04	−14.04	62 9 56.28	47.650	+ 8.87	+1 48.0	16 49 8.75	− 2.48	−23 21 21.6	− 4.4
54	C. P. D. −27°5531 (*pr.*)	9	52 15.18	− 0.08	−14.04	66 15 55.08	47.570	+ 8.87	+2 9.6	16 52 1.06	− 2.58	−27 27 40.3	− 4.7
55	B. D. −21°4478	9	55 6.43	− 0.01	−14.04	60 7 57.80	47.008	+ 8.87	+1 39.4	16 54 52.38	− 2.44	−21 19 0.0	− 4.8
56	B. D. −15°4438	9	58 29 46	+ 0.04	−14.04	54 33 57.02	44.780	+ 8.87	+1 20.2	16 58 15.46	− 2.34	−15 43 49.1	− 4.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 19 48	......	....	53.2
19 57	......	....	53.1
20 30	29.89	54.3	52.2
2 8	30.00	62.8	61.4
3 22	30.00	64.7	64.0
3 4 45	30.00	65.9	66.0
14 36	[illegible]	61.7	61.3
15 4	......	....	60.7
15 31	29.97	61.2	60.1
15 57	......	....	59.6
16 27	29.975	59.5	58.8
16 57	......	....	58.1

Micrometer bisections are made at II, VI, except as noted below.

5, 6. Bisections at I, II, VI, VII.
7, 10, 17, 25. Bisections at I, II.
8, 29, 52. Bisections at VI, VII.
12, 14, 19, 31, 42, 50, 53. Bisections at II, VII.

Note.

15–29. Somewhat unsteady; images occasionally poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 9.2	− 19.0	...	− 9.8
6	+ 3.2	.. ....	− 0.3	+ 2.9
7	+ 2.4	−15 47.8	...	−15 45.4
8	+ 2.5	+15 47.8	...	+15 50.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D.−24°5813	9	2 23.45	− 0.05	−14.04	63 41 55.50	44.542	+ 8.87	+1 55.3	17 2 9.36	− 2.51	−24 52 17.2	− 5.3
2	η Ophiuchi	9	5 12.04	+ 0.05	**−14.03**	54 25 56.72	46.318	+ 8.87	+1 19.9	17 4 58.05	.....	−15 36 23.6	....
3	B. D.−16°4436	9	6 17.47	+ 0.04	−14.04	55 11 55.95	46.308	+ 8.87	+1 22.2	17 6 3.47	− 2.34	−16 22 24.9	− 5.4
4	B. D.−18°4459	9	8 38.48	+ 0.02	−14.04	56 55 56.48	45.768	+ 8.87	+1 27.7	17 8 24.46	− 2.37	−18 6 18.6	− 5.5
5	σ Ophiuchi	9	22 3.99	+ 0.22	**−14.04**	34 37 57.45	43.308	+ 8.87	+ 39.5	17 21 50.17	.....	+ 4 13 24.8	....
6	Uranus C, C	9	13 32.81	− 0.03	−14.04	62 29 55.32	44.859	+ 8.87	+1 49.6	18 13 18.74	.....	−23 40 18.5	....
7	η Serpentis	9	16 39.59	+ 0.16	**−14.05**	41 46	......	....	. ....	18 16 25.71	.....	− 2 55	....
8	3 H. Scuti	9	30 18.25	+ 0.12	**−14.02**	47 10	......	....	. ....	18 30 4.33	.....	− 8 18	....
	June 4, M.												
9	Venus II, N.	9	8 50.42	+ 0.17	−14.01	28 3 54.82	42.934	+ 9.25	+ 29.3	2 8 36.58	− 1.25	+10 47 45.8	....
10	Mercury C, C	9	31 27.56	+ 0.15	−14.01	21 53 51.32	47.229	+ 9.25	+ 21.9	3 31 13.70	− 0.06	+16 56 18.5	....
	June 5, M.												
11	Sun I, N.	9	51 4.92	+ 0.16	−14.01	16 3 52.88	44.537	+ 9.29	+ 15.6	4 50 51.07	+68.53	+22 47 24.5	....
12	Sun II, S.	9	53 21.99	+ 0.16	−14.01	16 35 52.98	43.375	+ 9.29	+ 16.1	4 53 8.14	−68.54	+22 15 50.8	....
	June 5, Ei.-Y.												
13	τ Virginis	9	57 4.33	+ 0.07	**−14.01**	36 49 54.72	46.660	+ 7.77	+ 40.8	13 56 50.40	.....	+ 2 0 10.7	....
14	d Boötis	9	6 19.34	+ 0.21	**−13.96**	13 17 53.52	46.980	+ 7.77	+ 12.9	14 6 5.55	.....	+25 32 32.4	....
15	κ Virginis	9	8 5.56	0.00	**−14.02**	48 39 54.55	46.265	+ 7.77	+1 1.9	14 7 51.56	.....	− 9 50 1.1	....
16	B. D.+37°2511	9	12 3.63	+ 0.28	−14.00	1 21 51.32	45.552	+ 7.77	+ 1.4	14 11 49.91	− 1.53	+37 29 18.7	− 7.1
17	B. D.+38°2541	9	14 17.71	+ 0.28	−14.00	0 45 50.95	44.055	+ 7.77	+ 0.8	14 14 3.99	− 1.54	+38 5 53.6	− 7.3
18	B. D.+38°2544	9	15 46.59	+ 0.28	−14.00	0 49 51.68	41.260	+ 7.77	+ 0.8	14 15 32.87	− 1.55	+38 2 57.1	− 7.3
19	B. D.+36°2478	9	18 29.72	+ 0.27	−14.00	2 45 51.02	46.432	+ 7.77	+ 2.7	14 18 15.99	− 1.57	+36 4 57.3	− 6.8
20	B. D.+39°2760	9	19 55.24	+ 0.29	−14.00	359 5 52.52	44.148	+ 7.77	− 0.8	14 19 41.53	− 1.57	+39 45 51.8	− 7.6
21	B. D.+36°2493	9	24 15.50	+ 0.27	−14.00	2 51 50.68	42.740	+ 7.77	+ 2.8	14 24 1.77	− 1.60	+36 0 22.2	− 6.9
22	B. D.+39°2773	9	26 10.53	+ 0.29	−14.00	359 33 50.40	46.060	+ 7.77	− 0.3	14 25 56.82	− 1.60	+39 17 9.7	− 7.5
23	B. D.+36°2506	9	30 2.09	+ 0.27	−14.00	2 23 51.30	43.100	+ 7.77	+ 2.3	14 29 48.36	− 1.62	+36 28 13.5	− 7.0
24	B. D.+38°2570	9	30 56.13	+ 0.29	−14.00	0 25 51.75	44.352	+ 7.77	+ 0.5	14 30 42.42	− 1.63	+38 25 46.6	− 7.4
25	B. D.+37°2557	9	34 40.56	+ 0.28	−14.00	1 43 52.18	42.855	+ 7.77	+ 1.7	14 34 26.84	− 1.64	+37 8 19.2	− 7.2
26	B. D.+38°2578	9	36 27.02	+ 0.29	−14.00	0 19 51.72	45.865	+ 7.77	+ 0.4	14 36 13.31	− 1.65	+38 31 12.2	− 7.4
27	B. D.+37°2566	9	38 44.92	+ 0.28	−14.00	1 49 51.95	45.912	+ 7.77	+ 1.8	14 38 31.20	− 1.66	+37 1 9.5	− 7.1
28	B. D.+38°2589	9	42 13.73	+ 0.28	−14.00	0 43 52.52	43.208	+ 7.77	+ 0.7	14 42 0.01	− 1.68	+38 8 11.8	− 7.3
29	B. D.+36°2530	9	43 45.26	+ 0.27	−14.00	2 53 52.40	43.668	+ 7.77	+ 2.8	14 43 31.53	− 1.69	+35 57 59.5	− 6.9
30	B. D.+40°2817	9	46 9.42	+ 0.29	−14.00	358 59 52.52	44.730	+ 7.77	− 0.9	14 45 55.71	− 1.70	+39 51 38.6	− 7.6
31	B. D.+38°2599	9	49 10.97	+ 0.28	−14.00	0 59 50.85	44.610	+ 7.77	+ 1.0	14 48 57.25	− 1.71	+37 51 41.1	− 7.3
32	B. D.+35°2624	9	50 47.00	+ 0.27	−14.00	3 13 51.65	43.530	+ 7.77	+ 3.1	14 50 33.27	− 1.72	+35 38 2.9	− 6.9
33	B. D.+36°2555	9	53 33.56	+ 0.27	−14.00	2 59 52.28	42.410	+ 7.77	+ 2.9	14 53 19.83	− 1.73	+35 52 28.3	− 6.9
34	B. D.+35°2637	9	56 10.01	+ 0.27	−14.00	3 21 51.75	46.738	+ 7.77	+ 3.3	14 55 56.28	− 1.74	+35 28 49.3	− 6.9
35	B. D.+39°2826	9	58 38.42	+ 0.29	−14.00	359 33 52.18	43.348	+ 7.77	− 0.4	14 58 24.71	− 1.76	+39 18 10.0	− 7.5
36	B. D.+39°2832	9	1 20.17	+ 0.29	−14.00	359 53 50.92	42.470	+ 7.77	− 0.1	15 1 6.46	− 1.77	+38 58 31.0	− 7.4
37	B. D.+40°2854	7	3 34.18	+ 0.30	−14.00	358 53 51.50	42.385	+ 7.77	− 1.0	15 3 20.48	− 1.78	+39 58 33.3	− 7.6
38	β Coronæ Borealis	9	24 10.36	+ 0.23	**−13.97**	9 25 51.05	43.332	+ 7.77	+ 9.1	15 23 56.59	.....	+29 26 2.1	....
39	α Coronæ Borealis	9	30 55.63	+ 0.22	**−14.02**	11 49 51.15	43.048	+ 7.77	+ 11.5	15 30 41.85	.....	+27 2 6.1	....
40	B. D.+38°2683	9	34 53.57	+ 0.28	−14.00	0 31 51.60	42.732	+ 7.77	+ 0.6	15 34 39.85	− 1.91	+38 20 23.7	− 7.1
41	B. D.+38°2688	9	37 47.22	+ 0.29	−14.00	0 15 51.70	45.830	+ 7.77	+ 0.3	15 37 33.51	− 1.92	+38 35 13.1	− 7.1
42	B. D.+35°2719	9	39 52.03	+ 0.27	−14.00	3 43 53.25	46.570	+ 7.77	+ 3.6	15 39 38.30	− 1.91	+35 6 51.3	− 6.7
43	B. D.+36°2643	9	42 34.23	+ 0.27	−14.00	2 7 52.18	46.535	+ 7.77	+ 2.1	15 42 20.50	− 1.93	+36 42 54.7	− 6.8
44	B. D.+37°2676	9	44 29.87	+ 0.28	−14.00	1 11 49.95	42.980	+ 7.77	+ 1.2	15 44 16.15	− 1.94	+37 40 19.3	− 7.0
45	B. D.+39°2922	9	47 14.63	+ 0.29	−14.00	359 45 50.80	42.290	+ 7.77	− 0.2	15 47 0.92	− 1.96	+39 6 35.4	− 7.1
46	γ Serpentis	9	52 19.74	+ 0.15	**−14.00**	22 51 50.98	47.190	+ 7.77	+ 23.1	15 52 5.89	.....	+15 58 20.0	....
47	ε Coronæ Borealis	9	53 54.99	+ 0.22	**−14.03**	11 41 51.95	45.335	+ 7.77	+ 11.4	15 53 41.21	.....	+27 9 13.3	....
	June 5, Br.												
48	Venus II, N.	9	11 8.01	+ 0.07	−14.07	27 57 52.48	43.912	+ 9.02	+ 28.5	2 10 54.01	− 1.23	+10 53 26.8	....
49	Mercury C, C.	9	38 10.71	+ 0.08	−14.07	21 21 49.22	44.260	+ 9.02	+ 20.9	3 37 56.72	− 0.05	+17 29 29.6	....
	June 6, Br.												
50	Sun I, N.	9	55 12.22	+ 0.08	−14.07	15 55 50.30	48.650	+ 8.37	+ 15.3	4 54 58.23	+68.63	+22 53 54.3	....
51	Sun II, S.	9	57 29.48	+ 0.08	−14.07	16 27 51.25	47.510	+ 8.37	+ 15.8	4 57 15.49	−68.63	+22 22 19.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 17 23	29.97	58.0	57.8
18 11	29.95	57.5	57.6
4 2 9	29.79	74.5	75.4
3 31	29.78	79.1	80.4
5 4 53	29.76	81.9	83.0
13 58	29.64	77.3	76.9
14 33	......	...	76.7
14 59	29.635	76.5	76.1
15 34	......	..	75.1
15 55	29.63	75.1	74.7
2 11	29.62	83.5	84.3
3 38	29.62	85.9	86.6
6 4 57	29.635	87.8	88.9

Micrometer bisections are made at II, VI, except as noted below.

6, 9, 10, 48, 49.	Bisections at I, II, VI, VII.
11.	Bisections at I, II, III.
12.	Bisections at V, VI, VII.
17, 19, 23, 50.	Bisections at I, II.
29, 33, 44, 47, 51.	Bisections at VI, VII.
32, 41.	Bisections at II, VII.

Notes.

1.	Image poor.
20, 35–37.	Observed head north.
21, 23–29, 40, 43, 44.	Observed head south.
37.	Clouds.
38.	At times faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 0.4	.. ....	...	+ 0.4
9	+ 8.8	− 18.4	...	− 9.6
10	+ 3.0	.. ....	− 0.3	+ 2.7
11	+ 2.4	−15 46.9	...	−15 44.5
12	+ 2.4	+15 46.8	...	+15 49.2
48	+ 8.7	− 18.1	...	− 9.4
49	+ 2.9	.. ....	− 0.3	+ 2.6
50	+ 2.4	−15 47.5	...	−15 45.1
51	+ 2.4	+15 47.5	...	+15 49.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	June 8, Ei.-Y.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	τ Virginis	9	57 4.11	+ 0.16	**−13.90**	36 49 56.78	46.452	+ 8.84	+ 42.3	13 56 50.35	....	+ 2 0 10.9	....
2	d Boötis	9	6 19.12	+ 0.34	**−13.89**	13 17 57.32	46.740	+ 8.84	+ 13.4	14 6 5.54	....	+25 32 32.5	....
3	κ Virginis	9	8 5.36	+ 0.07	**−13.91**	48 39 58.05	45.975	+ 8.84	+1 4.3	14 7 51.51	....	− 9 50 1.4	....
4	B. D.+37°2511	9	12 3.37	+ 0.44	−13.92	1 21 54.90	45.330	+ 8.84	+ 1.4	14 11 49.89	− 1.50	+37 29 19.2	− 7.6
5	B. D.+38°2541	9	14 17.50	+ 0.45	−13.92	0 45 55.85	43.765	+ 8.84	+ 0.8	14 14 4.03	− 1.52	+38 5 54.2	− 7.8
6	B. D.+38°2544	9	15 46.24	+ 0.45	−13.92	0 49 55.18	41.050	+ 8.84	+ 0.9	14 15 32.77	− 1.52	+38 2 57.2	− 7.8
7	B. D.+36°2478	9	18 29.38	+ 0.43	−13.92	2 45 55.82	46.168	+ 8.84	+ 2.8	14 18 15.89	− 1.54	+36 4 57.3	− 7.4
8	B. D.+39°2760	9	19 54.88	+ 0.47	−13.92	359 5 57.75	43.862	+ 8.84	− 0.8	14 19 41.43	− 1.54	+39 45 52.3	− 8.2
9	B. D.+36°2493	9	24 15.13	+ 0.43	−13.92	2 51 55.65	42.455	+ 8.84	+ 2.9	14 24 1.64	− 1.57	+36 0 22.6	− 7.4
10	B. D.+39°2773	9	26 10.25	+ 0.46	−13.92	359 33 55.40	45.815	+ 8.84	− 0.4	14 25 56.79	− 1.58	+39 17 9.4	− 8.1
11	B. D.+36°2506	9	30 1.88	+ 0.44	−13.92	2 23 54.90	42.900	+ 8.84	+ 2.4	14 29 48.40	− 1.60	+36 28 13.3	− 7.5
12	B. D.+38°2570	9	30 55.87	+ 0.46	−13.92	0 25 55.48	44.135	+ 8.84	+ 0.5	14 30 42.41	− 1.60	+38 25 46.8	− 7.9
13	B. D.+37°2557	9	34 40.27	+ 0.44	−13.92	1 43 54.52	42.708	+ 8.84	+ 1.8	14 34 26.79	− 1.62	+37 8 19.1	− 7.7
14	B. D.+38°2578	9	36 26.72	+ 0.46	−13.92	0 19 55.45	45.658	+ 8.84	+ 0.4	14 36 13.26	− 1.63	+38 31 12.1	− 8.0
15	B. D.+37°2566	9	38 44.73	+ 0.44	−13.91	1 49 55.35	45.705	+ 8.84	+ 1.9	14 38 31.26	− 1.64	+37 1 9.6	− 7.7
16	B. D.+38°2589	9	42 13.48	+ 0.45	−13.91	0 43 55.38	43.028	+ 8.84	+ 0.8	14 42 0.02	− 1.66	+38 8 11.9	− 7.9
17	B. D.+36°2530	9	43 44.95	+ 0.43	−13.91	2 53 55.65	43.458	+ 8.84	+ 2.9	14 43 31.47	− 1.67	+35 57 59.7	− 7.5
18	B. D.+40°2817	9	46 9.18	+ 0.47	−13.91	358 59 55.65	44.535	+ 8.84	− 0.9	14 45 55.74	− 1.68	+39 51 38.9	− 8.2
19	B. D.+38°2599	9	49 10.69	+ 0.45	−13.91	0 59 55.20	44.340	+ 8.84	+ 1.0	14 48 57.23	− 1.70	+37 51 41.9	− 7.9
20	B. D.+35°2624	9	50 46.68	+ 0.43	−13.91	3 13 55.68	43.270	+ 8.84	+ 3.3	14 50 33.20	− 1.70	+35 38 3.5	− 7.4
21	B. D.+36°2555	9	53 33.28	+ 0.43	−13.91	2 59 55.58	42.225	+ 8.84	+ 3.0	14 53 19.80	− 1.72	+35 52 27.8	− 7.5
22	B. D.+35°2637	9	56 9.65	+ 0.43	−13.91	3 21 55.35	46.522	+ 8.84	+ 3.4	14 55 56.17	− 1.73	+35 28 49.5	− 7.4
23	B. D.+39°2826	9	58 38.17	+ 0.47	−13.91	359 33 55.05	43.180	+ 8.84	− 0.4	14 58 24.73	− 1.74	+39 18 9.9	− 8.1
24	B. D.+39°2832	9	1 19.89	+ 0.46	−13.91	359 53 54.20	42.262	+ 8.84	− 0.1	15 1 6.44	− 1.75	+38 58 31.4	− 8.0
25	B. D.+40°2854	9	3 33.78	+ 0.47	−13.91	358 53 55.28	42.150	+ 8.84	− 1.0	15 3 20.34	− 1.77	+39 58 33.8	− 8.2
26	B. D.+35°2654	9	6 36.24	+ 0.43	−13.91	3 43 56.02	46.102	+ 8.84	+ 3.8	15 6 22.76	− 1.78	+35 6 58.0	− 7.4
27	B. D.+39°2845	9	8 38.52	+ 0.47	−13.91	359 49 55.32	44.258	+ 8.84	− 0.1	15 8 25.08	− 1.79	+39 1 44.7	− 8.0
28	B. D.+35°2664	9	10 48.12	+ 0.43	−13.91	3 35 56.75	43.580	+ 8.84	+ 3.6	15 10 34.64	− 1.79	+35 15 55.3	− 7.4
29	B. D.+39°2858	9	13 8.08	+ 0.47	−13.91	359 43 54.88	42.332	+ 8.84	− 0.2	15 12 54.64	− 1.81	+39 8 29.3	− 8.0
30	B. D.+40°2870	9	15 20.87	+ 0.48	−13.91	358 53 54.82	45.118	+ 8.84	− 1.0	15 15 7.44	− 1.82	+39 57 26.5	− 8.2
31	B. D.+35°2681	9	19 17.07	+ 0.44	−13.91	3 7 56.45	43.285	+ 8.84	+ 3.2	15 19 3.60	− 1.83	+35 44 2.5	− 7.5
32	B. D.+37°2643	9	23 29.22	+ 0.46	−13.91	1 13 55.12	44.252	+ 8.84	+ 1.3	15 23 15.77	− 1.85	+37 37 43.7	− 7.8
33	B. D.+36°2610	9	26 10.46	+ 0.44	−13.91	2 27 55.02	42.762	+ 8.84	+ 2.5	15 25 56.99	− 1.86	+36 24 16.6	− 7.6
34	B. D.+36°2614	9	28 35.17	+ 0.44	−13.91	2 47 55.60	45.012	+ 8.84	+ 2.9	15 28 21.70	− 1.87	+36 3 24.2	− 7.5
35	B. D.+36°2617	9	30 6.62	+ 0.44	−13.91	2 35 55.68	46.128	+ 8.84	+ 2.7	15 29 53.15	− 1.88	+36 14 58.8	− 7.5
36	B. D.+36°2622	9	32 29.46	+ 0.44	−13.91	2 37 54.85	42.562	+ 8.84	+ 2.7	15 32 15.99	− 1.88	+36 14 21.2	− 7.5
37	B. D.+38°2683	9	34 53.37	+ 0.46	−13.91	0 31 55.08	42.525	+ 8.84	+ 0.6	15 34 39.92	− 1.90	+38 20 23.9	− 7.8
38	B. D.+38°2688	8	37 46.95	+ 0.47	−13.91	0 15 55.60	45.582	+ 8.84	+ 0.3	15 37 33.51	− 1.91	+38 35 13.8	− 7.8
39	B. D.+35°2719	9	39 51.76	+ 0.43	−13.91	3 43 56.52	46.355	+ 8.84	+ 3.8	15 39 38.28	− 1.91	+35 6 51.7	− 7.3
40	B. D.+36°2643	9	42 33.97	+ 0.45	−13.91	2 7 55.88	46.342	+ 8.84	+ 2.2	15 42 20.51	− 1.92	+36 42 54.2	− 7.5
41	B. D.+37°2676	9	44 29.67	+ 0.46	−13.91	1 11 54.05	42.742	+ 8.84	+ 1.2	15 44 16.22	− 1.94	+37 40 19.3	− 7.6
42	B. D.+39°2922	9	47 14.35	+ 0.47	−13.91	359 45 54.40	42.070	+ 8.84	− 0.2	15 47 0.91	− 1.95	+39 6 35.7	− 7.8
43	γ Serpentis	9	52 19.56	+ 0.27	**−13.93**	22 51 55.22	46.900	+ 8.84	+ 24.2	15 52 5.92	....	+15 58 20.2	....
44	ε Coronæ Borealis	9	53 54.76	+ 0.37	**−13.94**	11 41 56.38	45.055	+ 8.84	+ 11.9	15 53 41.22	....	+27 9 13.7	....
45	κ Ophiuchi	9	53 26.10	+ 0.24	**−13.94**	29 19 57.15	43.690	+ 8.84	+ 32.0	16 53 12.43	....	+ 9 31 23.6	....
46	C. P. D.−24°5784	9	54 36.75	− 0.06	−13.91	63 39 56.60	45.450	+ 8.84	+1 54.6	16 54 22.78	− 2.57	−24 50 38.3	− 4.5
47	B. D.−22°4269	9	57 53.80	− 0.04	−13.91	61 49 58.15	46.395	+ 8.84	+1 46.0	16 57 39.85	− 2.53	−23 0 52.8	− 4.8
48	B. D.−21°4512	9	0 47.83	− 0.02	−13.91	60 15 58.60	44.205	+ 8.84	+1 39.4	17 0 33.90	− 2.50	−21 25 56.7	− 5.0
49	η Ophiuchi	9	5 11.98	+ 0.04	**−13.90**	54 25 57.50	46.300	+ 8.84	+1 19.5	17 4 58.11	....	−15 36 23.8	....
50	C. P. D.−26°5845	9	6 32.82	− 0.09	−13.91	65 43 58.30	46.845	+ 8.84	+2 5.7	17 6 18.82	− 2.61	−26 55 23.0	− 5.4
51	B. D.−19°4569	9	9 33.18	0.00	−13.91	58 33 56.98	47.762	+ 8.84	+1 32.9	17 9 19.27	− 2.46	−19 45 9.8	− 5.6
52	C. P. D.−26°5866	9	12 1.83	− 0.08	−13.91	65 19 58.10	47.065	+ 8.84	+2 3.4	17 11 47.84	− 2.60	−26 31 25.5	− 5.8
53	B. D.−17°4773	9	14 37.81	+ 0.02	−13.91	56 29 55.48	43.470	+ 8.84	+1 25.8	17 14 23.92	− 2.42	−17 39 23.1	− 5.9
54	B. D.−17°4789	9	17 7.99	+ 0.02	−13.91	56 3 57.10	47.122	+ 8.84	+1 24.5	17 16 54.10	− 2.41	−17 14 46.9	− 6.0
55	C. P. D.−24°5888	9	19 34.26	− 0.05	−13.91	62 57 57.92	47.450	+ 8.84	+1 51.2	17 19 20.30	− 2.54	−24 9 21.9	− 6.3
56	B. D.−22°4349	9	23 13.91	− 0.03	−13.91	61 19 57.42	44.420	+ 8.84	+1 43.8	17 22 59.97	− 2.50	−22 30 4.8	− 6.5
57	B. D.−17°4841	9	27 43.71	+ 0.02	−13.91	56 15 56.78	43.985	+ 8.84	+1 25.0	17 27 29.82	− 2.40	−17 25 35.4	− 6.6
58	B. D.−15°4622	9	32 25.37	+ 0.04	−13.91	54 19 57.25	47.155	+ 8.84	+1 19.2	17 32 11.50	− 2.37	−15 30 42.5	− 6.8
59	C. P. D.−23°6631	9	35 18.57	− 0.05	−13.91	62 35 56.25	46.698	+ 8.84	+1 49.5	17 35 4.61	− 2.51	−23 47 1.4	− 7.3
60	C. P. D.−30°4874	9	37 41.19	− 0.13	−13.91	68 55 57.42	47.038	+ 8.84	+2 26.9	17 37 27.15	− 2.65	−30 7 47.7	− 7.7
61	B. D.−16°4603	9	39 5.70	+ 0.03	−13.91	55 39 57.95	42.948	+ 8.84	+1 23.1	17 38 51.82	− 2.38	−16 49 11.0	− 7.2
62	C. P. D.−26°5987	9	42 47.94	− 0.08	−13.91	65 45 57.08	44.255	+ 8.84	+2 5.8	17 42 33.95	− 2.56	−26 56 22.7	− 7.9
63	B. D.−21°4751	9	45 12.46	− 0.02	−13.91	60 43 57.45	44.470	+ 8.84	+1 41.2	17 44 58.53	− 2.46	−21 54 3.4	− 7.8
64	B. D.−16°4639	9	47 5.35	+ 0.03	−13.91	55 45 56.70	46.600	+ 8.84	+1 23.5	17 46 51.47	− 2.37	−16 56 33.6	− 7.6

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
8 13 58	29.890	62.6	62.8	3, 9, 20. Bisections at II, VII.					
14 28	......	....	62.1	5, 7, 11, 45, 49. Bisections at I, II.					
15 0	29.89	59.4	58.0	8, 28, 44. Bisections at VI, VII.					
15 22	......	....	57.5						
15 56	29.91	58.6	57.5	Notes.					
16 51	29.925	59.7	60.0	1–33, 51–64. Images poor; very unsteady.					
17 19	......	....	60.0	4–7, 19–22, 26, 28, 31, 38, 39. Observed head south.					
17 40	29.93	60.2	60.0	10, 18, 42. Observed head north.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D. −28°6043	9	50 58.56	− 0.10	−13.91	66 51 55.98	45.410	+ 8.84	+2 12.6	17 50 44.55	− 2.57	−28 2 54.8	− 8.5
2	C. P. D. −25°6223	9	54 25.00	− 0.06	−13.91	63 53 57.05	45.465	+ 8.84	+1 55.8	17 54 11.03	− 2.50	−25 4 40.3	− 8.6
3	C. P. D. −27°6011	9	57 11.77	− 0.10	−13.91	66 37 57.60	46.870	+ 8.84	+2 11.2	17 56 57.76	− 2.55	−27 49 28.6	− 8.9
4	C. P. D. −24°6144	9	58 19.38	− 0.05	−13.91	63 11 56.72	42.970	+ 8.84	+1 52.2	17 58 5.42	− 2.47	−24 21 39.3	− 8.8
5	C. P. D. −23°6857	9	2 15.65	− 0.04	−13.91	61 55 56.85	46.352	+ 8.84	+1 46.5	18 2 1.70	− 2.44	−23 6 51.1	− 8.9
6	C. P. D. −24°6255	9	4 7.51	− 0.06	−13.91	63 33 57.22	43.025	+ 8.84	+1 54.0	18 3 53.54	− 2.47	−24 43 42.9	− 9.1
7	μ Sagittarii	9	8 21.27	− 0.01	−13.91	59 53 58.40	46.892	+ 8.84	+1 38.0	18 8 7.35	.....	−21 4 56.5	....
8	B. D. −18°4864	9	10 12.16	+ 0.01	−13.91	57 31 56.72	43.130	+ 8.84	+1 29.3	18 9 58.26	− 2.35	−18 41 20.1	− 8.9
9	C. P. D. −27°6359	9	12 22.88	− 0.08	−13.91	65 53 58.08	44.538	+ 8.84	+2 6.8	18 12 8.89	− 2.49	−27 4 31.1	− 9.8
10	C. P. D. −24°6362	9	15 56.87	− 0.06	−13.91	63 45 56.15	47.352	+ 8.84	+1 55.3	18 15 42.90	− 2.44	−24 57 22.0	− 9.8
11	B. D. −20°5134	9	19 57.89	− 0.01	−13.91	59 25 56.02	43.145	+ 8.84	+1 36.2	18 19 43.97	− 2.35	−20 35 26.7	− 9.6
12	B. D. −17°5203	9	22 40.06	+ 0.02	−13.91	56 41 56.30	43.368	+ 8.84	+1 26.6	18 22 26.17	− 2.31	−17 51 22.5	− 9.5
13	B. D. −18°4988	9	26 8.56	+ 0.02	−13.91	57 17 57.48	44.765	+ 8.84	+1 28.7	18 25 54.67	− 2.30	−18 27 57.6	− 9.7
14	B. D. −22°4790	9	29 53.67	− 0.02	−13.91	60 59 56.98	43.720	+ 8.84	+1 42.7	18 29 39.74	− 2.35	−22 9 47.3	−10.3
15	B. D. −17°5271	9	32 36.72	+ 0.03	−13.91	56 7 56.58	46.622	+ 8.84	+1 25.0	18 32 22.84	− 2.27	−17 18 35.4	− 9.8
16	C. P. D. −23°7191	9	36 20.33	− 0.04	−13.91	62 43 56.28	47.048	+ 8.84	+1 50.6	18 36 6.38	− 2.36	−23 55 10.5	−10.8
17	φ Sagittarii	9	39 59.74	− 0.08	−13.91	65 53 57.72	46.240	+ 8.84	+2 7.3	18 39 45.75	.....	−27 5 10.1	....
18	B. D. −20°5268	9	42 30.41	0.00	−13.91	59 11 56.08	45.975	+ 8.84	+1 35.7	18 42 16.50	− 2.28	−20 22 30.9	−10.7
19	B. D. −17°5347	9	46 5.51	+ 0.03	−13.91	56 5 55.55	44.568	+ 8.84	+1 25.0	18 45 51.63	− 2.23	−17 15 47.5	−10.4
20	B. D. −22°4907	9	48 42.32	− 0.03	−13.91	61 41 57.32	42.938	+ 8.84	+1 46.0	18 48 28.38	− 2.29	−22 51 33.0	−11.3
21	B. D. −20°5339	9	51 57.98	− 0.01	−13.91	59 35 57.55	46.325	+ 8.84	+1 37.4	18 51 44.06	− 2.25	−20 46 42.1	−11.1
22	C. P. D. −25°6653	9	54 51.32	− 0.06	−13.91	63 53 56.38	44.458	+ 8.84	+1 56.6	18 54 37.35	− 2.30	−25 4 17.4	−11.9
23	B. D. −20°5381	9	58 12.18	0.00	−13.91	59 5 56.70	44.192	+ 8.84	+1 35.6	18 57 58.27	− 2.22	−20 15 50.7	−11.4
24	τ Sagittarii	9	1 16.87	− 0.09	−13.91	66 37 58.50	43.975	+ 8.84	+2 12.1	19 1 2.87	− 2.32	−27 48 23.9	−12.6
25	C. P. D. −25°6700	9	3 13.91	− 0.06	−13.91	64 3 57.72	42.478	+ 8.84	+1 57.5	19 2 59.94	− 2.27	−25 13 34.4	−12.4
26	C. P. D. −26°6685	9	7 38.87	− 0.07	−13.91	64 53 56.75	42.890	+ 8.84	+2 2.0	19 7 24.89	− 2.26	−26 3 47.3	−12.7
27	B. D. −16°5220	9	10 15.14	+ 0.04	−13.91	55 5 57.92	44.200	+ 8.84	+1 22.2	19 10 1.27	− 2.13	−16 15 38.7	−11.1
28	d Sagittarii	9	12 20.73	+ 0.01	**−13.94**	57 57 58.02	42.552	+ 8.84	+1 31.6	19 12 6.83	.....	−19 7 10.5	....
29	B. D. −16°5272	9	13 59.13	+ 0.04	−13.91	54 53 58.45	47.022	+ 8.84	+1 21.7	19 13 45.26	− 2.12	−16 4 43.2	−11.2
30	B. D. −18°5325	9	16 34.47	+ 0.02	−13.91	57 17 58.12	47.228	+ 8.84	+1 29.5	19 16 20.58	− 2.13	−18 28 55.4	−11.8
31	B. D. −15°5348	9	21 2.77	+ 0.05	−13.91	54 3 57.60	46.155	+ 8.84	+1 19.3	19 20 48.91	− 2.08	−15 14 20.1	−11.3
32	C. P. D. −27°6772	9	24 15.88	− 0.08	−13.91	65 59 56.02	44.812	+ 8.84	+2 8.7	19 24 1.89	− 2.20	−27 10 37.2	−13.6
33	B. D. −19°5492	9	26 24.92	+ 0.01	−13.91	58 23 55.42	47.395	+ 8.84	+1 33.4	19 26 11.02	− 2.10	−19 35 0.3	−12.3
34	C. P. D. −24°6764	9	30 31.74	− 0.05	−13.91	63 43 56.18	47.522	+ 8.84	+1 56.3	19 30 17.78	− 2.14	−24 55 26.9	−13.5
35	κ Aquilæ	9	32 2.66	+ 0.12	**−13.88**	46 3 56.80	46.688	+ 8.84	+ 59.7	19 31 48.87	.....	− 7 14 11.9	....
	June 8, Br.												
36	Venus II, N.	9	18 26.56	+ 0.24	−14.01	27 35 58.55	47.121	+ 9.92	+ 29.5	2 18 12.79	− 1.17	+11 14 5.5	....
37	Mercury C, C.	9	59 37.35	+ 0.29	−14.01	19 41 56.25	46.868	+ 9.92	+ 20.1	3 59 23.63	− 0.04	+19 8 22.9	....
	June 9, Br.												
38	Sun I, S.	9	7 35.03	+ 0.32	−14.01	16 11 57.52	44.298	+ 9.67	+ 16.3	5 7 21.34	+68.83	+22 39 24.2	....
39	Sun II, N.	9	9 52.69	+ 0.32	−14.01	15 39 58.65	45.308	+ 9.67	+ 15.7	5 9 39.00	−68.83	+23 11 1.0	....
40	Moon I, N.	9	48 40.53	+ 0.10	−14.01	30 53 55.05	44.977	+ 9.01	+ 33.3	10 48 26.62	+67.36	+ 7 56 55.1	....
41	α Ursæ Minoris s. p.	8	25 8.59	−11.64	−14.00	307 39 51.22	46.332	+ 8.70	−1 12.5	1 24 42.95	.....	+88 47 45.5	....
42	83 Virginis	9	39 38.07	− 0.06	−14.00	54 31 56.50	45.962	+ 8.70	+1 19.0	13 39 24.01	− 1.86	−15 42 14.2	+ 7.4
43	89 Virginis	9	44 58.46	− 0.08	**−14.00**	56 29 54.90	44.678	+ 8.70	+1 25.1	13 44 44.38	.....	−17 39 49.3	....
44	η Boötis	9	50 25.01	+ 0.19	**−13.99**	19 57 55.25	46.772	+ 8.70	+ 20.6	13 50 11.20	.....	+18 52 26.6	....
45	11 Boötis	9	57 7.25	+ 0.26	−14.00	10 59 55.60	46.340	+ 8.70	+ 11.0	13 56 53.51	.....	+27 50 45.9	....
46	d Boötis	9	6 19.27	+ 0.24	**−13.95**	13 19 55.90	41.540	+ 8.70	+ 13.4	14 6 5.51	.....	+25 32 32.9	....
47	λ Boötis	9	13 1.47	+ 0.42	−14.00	352 19 54.22	45.010	+ 8.70	− 7.5	14 12 47.89	.....	+46 31 36.3	....
48	Mars I, C.	5	23 43.39	− 0.06	−14.00	54 25 55.65	50.556	+ 8.70	+1 19.0	14 23 29.33	+ 0.62	−15 36 22.9	....
49	Mars II	5	23 44.57	− 0.06	−14.00	... .	......	....	. ....	14 23 30.51	− 0.56	.. ..	....
50	π Boötis (*pr.*)	9	36 31.20	+ 0.18	−14.00	22 1 54.72	43.742	+ 8.70	+ 22.9	14 36 17.38	− 1.72	+16 49 34.0	− 3.5
51	ε Boötis	9	41 5.71	+ 0.26	**−13.98**	11 21 55.50	46.912	+ 8.70	+ 11.4	14 40 51.97	.....	+27 28 32.3	....
52	8 Libræ	9	45 42.02	− 0.06	**−13.98**	54 25 56.30	45.970	+ 8.70	+1 19.1	14 45 27.96	.....	−15 36 14.3	....
53	43 B. Libræ	9	52 11.41	− 0.11	−14.00	59 49 55.85	42.850	+ 8.70	+1 37.2	14 51 57.30	.....	−20 59 20.6	....
54	ψ Boötis	9	0 37.94	+ 0.26	**−13.94**	11 31 55.12	45.340	+ 8.70	+ 11.6	15 0 24.20	.....	+27 19 8.7	....
55	57 B. Ursæ Minoris	7	7 58.28	+ 6.22	−14.00	311 15 50.60	46.161	+ 8.70	−1 4.3	15 7 50.50	.....	+87 36 10.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 18 6	.....	....	59.8
18 34	29.92	59.0	58.0
18 57	.....	....	56.0
19 22	29.92	55.6	54.3
19 36	29.915	55.3	54.0
2 18	30.03	66.5	66.0
4 0	30.03	70.0	68.9
9 5 10	30.02	71.4	70.1
10 50	29.985	72.8	72.2
13 24	29.95	66.0	65.8
13 57	.....	....	64.5
14 13	29.97	64.8	64.0
14 41	....		62.9

Micrometer bisections are made at II, VI, except as noted below.

3, 38, 44, 50, 51. Bisections at I, II.
13, 15, 17, 24, 33, 35. Bisections at II, VII.
36, 37, 48. Bisections at I, II, VI, VII.
39. Bisections at VI, VII.
40. Bisections at II, III, IV, V, VI.
41. Bisections at b_4, b_5, b_6, b_7, b_8.
47. Bisections at III, V.
48. Z. D. threads C used.
55. Bisections at b_3, b_4, b_5, b_6, b_8.

Note.

42. Faint; clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
36	+ 8.2	− 17.3	...	− 9.1
37	+ 2.5	.. ....	− 0.2	+ 2.3
38	+ 2.4	+15 48.4	...	+15 50.8
39	+ 2.3	−15 48.3	...	−15 46.0
40	+30 3.0	−16 2.9	...	+14 0.1
48	+ 12.2	.. ....	0.0	+ 12.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ι Draconis	9	23 4.32	+ 0.60	−14.00	339 33 52.82	44.348	+ 8.70	− 21.1	15 22 50.92	.....	+59 18 6.4	....
2	ν¹ Boötis	9	27 46.52	+ 0.37	−14.00	357 41 54.55	44.968	+ 8.70	− 2.2	15 27 32.89	.....	+41 9 31.6	....
3	α Coronæ Borealis	9	30 55.54	+ 0.26	**−13.97**	11 49 56.02	42.728	+ 8.70	+ 11.9	15 30 41.80	.....	+27 2 7.2	....
	June 9, Hl.												
4	λ Herculis	9	27 9.81	+ 0.27	−14.02	12 40	......	....	.....	17 26 56.06	− 2.14	+26 10	....
5	324 B. Herculis	9	38 0.97	+ 0.42	−14.02	355 20	......	....	.....	17 37 47.37	− 2.31	+43 31	....
6	87 Herculis	9	45 13.97	+ 0.27	−14.02	13 11 56.82	44.730	+ 8.12	+ 13.4	17 45 0.22	− 2.15	+25 39 19.7	− 5.9
7	ν Ophiuchi	9	54 4.06	+ 0.02	**−13.99**	48 36 0.52	44.922	+ 8.12	+1 4.5	17 53 50.06	.....	− 9 45 39.4	....
8	δ Ursæ Minoris	6	3 22.21	+ 4.50	−14.02	312 15 52.20	44.110	+ 8.12	−1 2.4	18 3 12.69	.....	+86 36 54.3	....
9	Uranus C, C	9	12 33.11	− 0.10	−14.02	62 29 59.82	45.734	+ 8.12	+1 49.2	18 12 18.99	.....	−23 40 41.9	....
10	109 Herculis	9	19 54.91	+ 0.25	**−14.02**	17 7 58.22	43.662	+ 8.12	+ 17.6	18 19 41.14	.....	+21 43 38.5	....
11	3 H. Scuti	9	30 18.48	+ 0.04	**−14.06**	47 9 58.12	42.232	+ 8.12	+1 1.4	18 30 4.50	.....	− 8 18 32.4	....
12	29 H¹. Sagittarii	9	33 30.03	− 0.06	−14.02	59 57 58.52	43.635	+ 8.12	+1 38.4	18 33 15.95	− 2.34	−21 7 41.8	−10.4
13	110 Herculis	9	41 50.32	+ 0.24	**−14.07**	18 23 57.05	44.335	+ 8.12	+ 19.0	18 41 36.54	.....	+20 27 22.9	....
14	50 Draconis	9	49 44.27	+ 1.20	−14.02	323 31 54.25	47.200	+ 8.12	− 42.0	18 49 31.45	.....	+75 19 20.7	....
15	υ Draconis	9	55 50.92	+ 0.97	−14.02	327 39 54.15	49.910	+ 8.12	− 35.9	18 55 37.87	− 4.04	+71 10 13.0	− 1.4
16	17 Lyræ	9	4 5.93	+ 0.34	−14.02	6 29 57.38	45.520	+ 8.12	+ 6.6	19 3 52.25	− 2.17	+32 21 7.9	− 3.8
17	d Sagittarii	9	12 21.00	− 0.04	**−14.14**	57 57 59.75	42.535	+ 8.12	+1 31.0	19 12 6.94	.....	−19 7 10.3	....
18	ε Sagittæ	9	33 15.26	+ 0.22	−14.02	22 35 57.17	45.040	+ 8.12	+ 23.8	19 33 1.46	− 2.00	+16 15 1.9	− 5.6
19	α Aquilæ	9	46 24.79	+ 0.18	**−14.07**	30 13 58.05	44.318	+ 8.12	+ 33.4	19 46 10.95	.....	+ 8 37 7.9	....
20	g Sagittarii	9	52 49.89	0.00	−14.02	54 33 59.32	46.375	+ 8.12	+1 20.3	19 52 35.87	− 1.97	−15 44 27.2	−12.3
21	Venus II, N	9	21 1.13	+ 0.22	−14.04	27 27 59.05	47.190	+ 9.56	+ 29.1	2 20 47.31	− 1.15	+11 22 4.2	....
22	Mercury II, C	9	7 12.64	+ 0.26	−14.03	19 9 57.58	46.284	+ 9.40	+ 19.3	4 6 58.87	− 0.20	+19 40 36.3	....
	June 10, Hl.												
23	Sun I, N	9	11 43.42	+ 0.27	−14.03	15 33 56.38	48.532	+ 9.71	+ 15.5	5 11 29.66	+68.71	+23 15 49.3	....
24	Sun II, S	9	14 0.84	+ 0.27	−14.03	16 5 56.75	47.205	+ 9.71	+ 16.0	5 13 47.08	−68.71	+22 44 19.2	....
	June 12, Br.												
25	Venus II, N	9	29 8.85	+ 0.09	−13.94	27 1 53.88	45.211	+ 9.95	+ 27.9	2 28 55.00	− 1.10	+11 48 55.3	....
26	Mercury II, C	9	31 17.77	+ 0.18	−13.94	17 37 55.80	46.331	+ 9.95	+ 17.3	4 31 4.01	− 0.20	+21 12 38.4	....
	June 13, Br.												
27	Sun I, N	9	24 9.41	+ 0.19	−13.94	15 21 56.35	47.885	+ 9.63	+ 15.0	5 23 55.66	+68.88	+23 28 4.7	....
28	Sun II, S	9	26 27.16	+ 0.19	−13.94	15 53 55.25	46.755	+ 9.63	+ 15.5	5 26 13.41	−68.87	+22 56 31.6	....
29	89 Virginis	9	44 58.44	− 0.13	**−13.95**	56 29 54.10	44.810	+ 9.11	+1 22.6	13 44 44.36	.....	−17 39 49.5	....
30	η Boötis	9	50 25.01	+ 0.08	**−13.91**	19 57 54.50	46.802	+ 9.11	+ 20.0	13 50 11.14	.....	+18 52 27.1	....
31	11 Boötis	9	57 7.26	+ 0.13	−13.95	10 59 54.80	46.340	+ 9.11	+ 10.7	13 56 53.44	.....	+27 50 46.6	....
32	d Boötis	9	6 19.27	+ 0.12	**−13.86**	13 19 54.58	41.568	+ 9.11	+ 13.0	14 6 5.44	.....	+25 32 33.6	....
33	λ Boötis	9	13 1.51	+ 0.24	−13.95	352 19 53.42	45.000	+ 9.11	− 7.3	14 12 47.80	.....	+46 31 36.7	....
34	ι Cassiopeiæ s. P.	9	21 27.97	− 0.11	−13.95	285 51 49.62	47.672	+ 9.11	−3 9.2	2 21 13.91	.....	+66 58 18.5	....
35	36 H. Cassiopeiæ s. P.	9	29 13.23	− 0.21	−13.95	291 17 51.12	44.438	+ 9.11	−2 19.2	2 28 59.07	.....	+72 23 56.1	....
36	Moon I, N	9	34 51.31	− 0.08	−13.95	49 41 55.42	44.743	+ 9.11	+1 4.7	14 34 37.28	+69.20	−10 51 31.4	....
37	ε Boötis	9	41 5.79	+ 0.14	**−13.97**	11 21 54.20	46.965	+ 9.11	+ 11.1	14 40 51.98	.....	+27 28 32.6	....
38	8 Libræ	9	45 42.04	− 0.10	**−13.97**	54 25 56.18	46.075	+ 9.11	+1 16.8	14 45 27.99	.....	−15 36 14.7	....
39	43 B. Libræ	9	52 11.43	− 0.15	−13.95	59 49 55.82	42.995	+ 9.11	+1 34.3	14 51 57.33	.....	−20 59 21.1	....
40	α Coronæ Borealis	9	30 55.62	+ 0.16	**−13.96**	11 49 55.25	42.740	+ 9.11	+ 11.6	15 30 41.83	.....	+27 2 7.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 15 31	......	....	61.3
16 1	29.955	62.2	....
17 14	29.945	61.6	61.0
17 34	......	....	60.4
17 51	......	....	60.0
18 16	......	....	59.3
18 25	29.94	60.8	....
18 39	......	....	59.0
19 0	......	....	58.7
19 19	......	....	57.9
19 41	......	....	57.1
20 3	29.935	58.6	57.2
2 24	29.955	68.1	69.3
4 11	29.94	72.6	73.9
10 5 14	29.93	74.2	74.9
12 2 29	[illegible]	75.9	75.7
4 31	29.71	79.0	78.9
13 5 26	29.73	80.3	80.0
13 41	29.74	77.2	76.1
14 15	......	....	75.0
14 47	......	....	74.1
14 56	......	....	74.1
15 2	29.76	75.2	....
15 36	......	....	73.8

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 33, 34, 35.	Bisections at III, V.
8.	Bisections at b_4, b_5, b_6.
9, 21, 22, 25, 26.	Bisections at I, II, VI, VII.
15, 24, 28, 39.	Bisections at VI, VII.
17.	Bisection at VI.
23, 27.	Bisections at I, II.
36.	Bisections at II, III, IV, V, VI.

Notes.

1–3, 38–40.	Clouds.
4, 8.	Brightness variable.
7.	Degrees and minutes of circle reading assumed.
7.	Faint.
8.	Right ascension observed chronographically.
18.	Microscopes read before and after observation.
34, 35.	Fuzzy and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+ 0.4	.. ....	...	+ 0.4
21	+ 8.0	− 17.0	...	− 9.0
22	+ 2.4	.. ....	− 0.1	+ 2.3
23	+ 2.3	−15 45.0	...	−15 42.7
24	+ 2.4	+15 45.0	...	+15 47.4
25	+ 7.5	− 16.3	...	− 8.8
26	+ 2.1	.. ....	− 0.1	+ 2.0
27	+ 2.3	−15 46.5	...	−15 44.2
28	+ 2.4	+15 46.5	...	+15 48.9
36	+45 33.1	−16 21.0	...	+29 12.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Serpentis	9	44 55.82	− 0.01	**−13.97**	41 59 54.62	42.408	+ 9.11	+ 49.6	15 44 41.87	.....	− 3 8 22.1	....
2	δ Ophiuchi	9	9 38.17	0.00	**−13.98**	42 17 54.18	44.002	+ 9.11	+ 50.1	16 9 24.23	.....	− 3 26 58.6	....
	June 13, Hl.												
3	Venus II, N.	9	31 58.67	+ 0.14	−13.99	26 51 57.30	45.571	+ 9.48	+ 27.9	2 31 44.82	− 1.09	+11 58 44.2	....
	June 14, Hl.												
4	Sun I, S.	9	28 18.26	+ 0.15	−13.98	15 51 55.42	43.338	+ 9.50	+ 15.5	5 28 4.43	+68.83	+22 59 49.2	....
5	Sun II, N.	9	30 35.91	+ 0.15	−13.98	15 19 55.28	44.662	+ 9.50	+ 15.0	5 30 22.08	−68.82	+23 31 20.0	....
	June 14, Ei.-Y.												
6	α Libræ	9	45 53.36	− 0.08	**−13.87**	54 27 56.98	47.808	+ 8.80	+1 17.3	14 45 39.40	.....	−15 38 55.3	....
7	ψ Boötis	9	0 37.93	+ 0.18	**−13.87**	·11 30	......	....	. ....	15 0 24.23	.....	+27 19	....
8	B. D.+35°2654	9	6 36.38	+ 0.22	−13.88	3 43 54.32	46.108	+ 8.80	+ 3.7	15 6 22.72	− 1.74	+35 6 59.7	− 8.8
9	B. D.+39°2845	9	8 38.71	+ 0.25	−13.88	359 49 53.62	44.258	+ 8.80	− 0.1	15 8 25.08	− 1.75	+39 1 46.5	− 9.5
10	B. D.+35°2664	9	10 48.28	+ 0.23	−13.88	3 35 54.45	43.620	+ 8.80	+ 3.5	15 10 34.63	− 1.76	+35 15 56.8	− 8.8
11	B. D.+39°2858	9	13 8.24	+ 0.25	−13.88	359 43 53.90	42.312	+ 8.80	− 0.2	15 12 54.61	− 1.77	+39 8 30.7	− 9.5
12	B. D.+40°2870	9	15 21.02	+ 0.26	−13.88	358 53 53.98	45.052	+ 8.80	− 1.0	15 15 7.40	− 1.78	+39 57 28.9	− 9.7
13	B. D.+35°2681	9	19 17.27	+ 0.23	−13.88	3 7 54.55	43.305	+ 8.80	+ 3.1	15 19 3.62	− 1.80	+35 44 4.1	− 9.0
14	B. D.+37°2643	9	23 29.38	+ 0.24	−13.88	1 13 52.40	44.278	+ 8.80	+ 1.2	15 23 15.74	− 1.82	+37 37 45.9	− 9.3
15	B. D.+36°2610	9	26 10.58	+ 0.24	−13.88	2 27 52.90	42.765	+ 8.80	+ 2.4	15 25 56.94	− 1.83	+36 24 18.8	− 9.1
16	B. D.+36°2614	9	28 35.30	+ 0.24	−13.88	2 47 54.25	44.970	+ 8.80	+ 2.8	15 28 21.66	− 1.84	+36 3 26.7	− 9.0
17	B. D.+36°2617	9	30 6.73	+ 0.24	−13.88	2 35 53.68	46.138	+ 8.80	+ 2.6	15 29 53.09	− 1.85	+36 15 0.7	− 9.0
18	B. D.+36°2622	9	32 29.59	+ 0.24	−13.88	2 37 53.78	42.525	+ 8.80	+ 2.6	15 32 15.95	− 1.86	+36 14 23.2	− 9.0
19	Moon I, N.	9	34 35.48	− 0.06	−13.88	53 31 55.38	45.744	+ 8.80	+1 14.9	15 34 21.54	+70.15	−14 42 4.1	....
20	α Serpentis	9	39 51.14	+ 0.08	**−13.90**	32 8	......	....	. ....	15 39 37.34	.....	+ 6 43	....
21	β Serpentis	9	42 3.89	+ 0.12	**−13.83**	23 8	......	....	. ....	15 41 50.13	.....	+15 43	....
22	ε Serpentis	9	46 20.70	+ 0.07	**−13.92**	34 4	......	....	. ....	15 46 6.89	.....	+ 4 45	....
23	γ Serpentis	9	52 19.67	+ 0.12	**−13.89**	22 52	......	....	. ....	15 52 5.91	.....	+15 58	....
24	C. P. D.−23°6321	9	0 42.79	− 0.13	−13.88	62 9 53.40	46.665	+ 8.80	+1 44.7	16 0 28.78	− 2.53	−23 20 52.9	− 0.7
25	C. P. D.−25°5748	9	2 36.67	− 0.16	−13.88	64 53 56.28	44.625	+ 8.80	+1 57.9	16 2 22.63	− 2.60	−26 4 22.4	− 0.5
26	C. P. D.−28°5298	9	6 40.35	− 0.18	−13.88	66 59 56.20	43.780	+ 8.80	+2 10.0	16 6 26.29	− 2.66	−28 10 15.1	− 0.6
27	C. P. D.−23°6342	9	8 36.98	− 0.13	−13.88	62 21 54.45	44.055	+ 8.80	+1 45.6	16 8 22.97	− 2.55	−23 31 55.2	− 1.2
28	B. D.−16°4280	9	17 42.82	− 0.07	−13.88	55 37 55.58	44.575	+ 8.80	+1 21.0	16 17 28.87	− 2.42	−16 47 43.7	− 2.6
29	B. D.−18°4282	9	21 47.37	− 0.08	−13.88	57 3 54.92	46.308	+ 8.80	+1 25.6	16 21 33.41	− 2.46	−18 14 27.2	− 2.7
30	B. D.−14°4433	9	24 40.97	− 0.05	−13.88	53 9 54.75	47.025	+ 8.80	+1 14.1	16 24 27.04	− 2.39	−14 20 31.9	− 3.3
31	B. D.−20°4506	9	27 6.42	− 0.10	−13.88	59 21 53.85	47.235	+ 8.80	+1 33.6	16 26 52.44	− 2.51	−20 32 55.3	− 2.8
32	B. D.−14°4455	9	31 16.51	− 0.05	−13.88	53 15 54.48	47.562	+ 8.80	+1 14.4	16 31 2.58	− 2.40	−14 26 44.5	− 3.7
33	B. D.−16°4317	9	32 26.03	− 0.06	−13.88	55 29 54.95	43.892	+ 8.80	+1 20.6	16 32 12.09	− 2.44	−16 39 27.0	− 3.6
34	C. P. D.−26°5701	9	34 39.27	− 0.15	−13.88	64 57 55.08	43.902	+ 8.80	+1 58.4	16 34 25.24	− 2.65	−26 8 5.1	− 2.9
35	B. D.−21°4403	9	37 39.63	− 0.10	−13.88	59 59 56.50	43.810	+ 8.80	+1 35.9	16 37 25.65	− 2.53	−21 9 42.0	− 3.5
36	B. D.−16°4344	9	40 53.46	− 0.06	−13.88	55 33 55.45	44.138	+ 8.80	+1 20.9	16 40 39.52	− 2.45	−16 43 33.5	− 4.1
37	C. P. D.−28°5423	9	43 33.83	− 0.18	−13.88	67 45 54.70	46.252	+ 8.80	+2 15.2	16 43 19.77	− 2.72	−28 57 15.5	− 3.4
38	C. P. D.−23°6401	9	44 31.99	− 0.12	−13.88	62 5 55.15	46.763	+ 8.80	+1 44.6	16 44 17.99	− 2.58	−23 16 56.7	− 3.8
39	B. D.−20°4572	9	48 5.12	− 0.09	−13.88	59 3 54.25	48.485	+ 8.80	+1 32.6	16 47 51.15	− 2.52	−20 15 23.2	− 4.3
40	B. D.−16°4371	9	50 49.12	− 0.06	−13.88	55 29 54.88	43.392	+ 8.80	+1 20.7	16 50 35.18	− 2.46	−16 39 15.6	− 4.7
41	C. P. D.−24°5782	9	54 25.23	− 0.13	−13.88	63 45 53.75	46.240	+ 8.80	+1 52.4	16 54 11.22	− 2.63	−24 56 51.3	− 4.5
42	B. D.−18°4381	9	56 34.18	− 0.08	−13.88	57 33 54.90	46.920	+ 8.80	+1 27.3	16 56 20.22	− 2.50	−18 44 42.9	− 4.9
43	B. D.−17°4700	9	59 15.13	− 0.06	−13.88	56 11 54.30	43.452	+ 8.80	+1 22.8	16 59 1.19	− 2.47	−17 21 18.5	− 5.2
44	B. D.−19°4547	9	4 55.92	− 0.08	−13.88	58 7 54.55	47.338	+ 8.80	+1 29.3	17 4 41.96	− 2.51	−19 18 54.1	− 5.4
45	B. D.−22°4299	9	6 55.79	− 0.11	−13.88	61 37 55.55	45.675	+ 8.80	+1 42.7	17 6 41.80	− 2.58	−22 48 30.4	− 5.4
46	C. P. D.−26°5863	9	10 39.49	− 0.14	−13.88	65 13 55.45	44.968	+ 8.80	+2 0.0	17 10 25.47	− 2.66	−26 24 31.5	− 5.6
47	C. P. D.−23°6564	9	12 35.53	− 0.12	−13.88	62 47 55.10	44.218	+ 8.80	+1 47.8	17 12 21.53	− 2.60	−23 58 1.8	− 5.8
48	ξ Ophiuchi	9	15 35.08	− 0.09	−13.88	59 49 55.30	46.285	+ 8.80	+1 35.5	17 15 21.11	− 2.54	−21 0 37.0	− 6.0
49	B. D.−22°4336	9	17 44.70	− 0.11	−13.88	61 43 55.00	46.992	+ 8.80	+1 43.1	17 17 30.71	− 2.58	−22 55 0.3	− 6.1
50	C. P. D.−25°6028	9	21 19.11	− 0.14	−13.88	64 39 55.22	47.730	+ 8.80	+1 57.1	17 21 5.09	− 2.64	−25 51 31.5	− 6.4
51	51 Ophiuchi	8	25 53.71	− 0.12	−13.88	62 41 55.05	47.525	+ 8.80	+1 47.4	17 25 39.71	− 2.60	−23 53 16.9	− 6.7
52	C. P. D.−24°5914	9	30 1.38	− 0.12	−13.88	63 21 54.50	48.520	+ 8.80	+1 50.6	17 29 47.38	− 2.61	−24 33 42.3	− 7.0
53	ξ Serpentis	9	32 25.17	− 0.04	**−13.92**	54 9 56.02	46.170	+ 8.80	+1 17.0	17 32 11.25	.....	−15 20 16.6	....
54	3 H. Scuti	9	30 18.37	+ 0.01	**−13.84**	47 10	......	....	. ....	18 30 4.50	.....	− 8 18	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 15 48	......	....	73.2
16 10	......	....	73.0
16 13	29.765	74.0	...
2 36	29.88	77.8	76.6
14 5 31	29.90	81.9	81.3
14 43	29.92	75.5	74.7
15 8	......	....	74.0
15 37	29.93	74.4	73.3
15 59	......	....	73.2
16 19	29.93	73.3	72.3
16 46	......	....	72.0
17 8	29.94	72.4	71.8
17 33	29.93	72.0	71.3

Micrometer bisections are made at II, VI, except as noted below.

3. Bisections at I, II, VI, VII.
4, 32, 37. Bisections at I, II.
5, 10. Bisections at VI, VII.
19. Bisections at II, III, IV, V, VI.
38. Bisections at II, VI, VII.
39, 49. Bisections at II, VII.

Notes.

1, 2. Clouds and unsteady.
9, 11, 12. Observed head north.
14–18. Observed head south.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+ 7.4	− 16.0	...	− 8.6
4	+ 2.3	+15 45.4	...	+15 47.7
5	+ 2.3	−15 45.4	...	−15 43.1
19	+47 57.5	−16 19.1	...	+31 38.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	June 15, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N.	9	32 27.31	+ 0.15	−13.84	15 15 55.20	47.642	+10.48	+ 15.0	5 32 13.62	+68.86	+23 34 10.6	....
2	Sun II, S.	8	34 45.04	+ 0.15	−13.84	15 47 55.65	46.430	+10.48	+ 15.6	5 34 31.35	−68.87	+23 2 37.7	....
3	*d* Boötis	9	6 19.18	+ 0.15	**−13.82**	13 19 52.95	41.642	+ 9.25	+ 13.1	14 6 5.51	.....	+25 32 33.3	....
4	λ Boötis	9	13 1.31	+ 0.27	−13.82	352 19 51.82	45.015	+ 9.25	− 7.3	14 12 47.76	.....	+46 31 37.7	....
5	ι Cassiopeiæ s. P.	5	21 27.64	− 0.08	−13.82	285 51 48.60	47.700	+ 9.25	−3 10.0	2 21 13.74	.....	+66 58 17.6	....
6	36 H. Cassiopeiæ s. P.	9	29 12.95	− 0.17	−13.82	291 17 50.10	44.495	+ 9.25	−2 19.7	2 28 58.96	.....	+72 23 56.0	....
7	π Boötis (*pr.*)	9	36 31.07	+ 0.11	−13.82	22 1 52.88	43.815	+ 9.25	+ 22.4	14 36 17.36	− 1.68	+16 49 34.5	− 4.4
8	ε Boötis	9	41 5.56	+ 0.17	**−13.78**	11 21 53.88	46.980	+ 9.25	+ 11.2	14 40 51.91	.....	+27 28 32.3	....
9	8 Libræ	9	45 41.84	− 0.07	**−13.81**	54 25 54.48	46.112	+ 9.25	+1 17.1	14 45 27.95	.....	−15 36 14.3	....
10	61 B. Draconis	9	49 16.79	+ 0.38	−13.82	339 11 49.45	42.078	+ 9.25	− 20.9	14 49 3.35	.....	+59 41 1.0	....
11	43 B. Libræ	9	52 11.18	− 0.11	−13.82	59 49 53.58	43.028	+ 9.25	+1 34.7	14 51 57.25	.....	−20 59 20.5	....
12	ψ Boötis	9	0 37.87	+ 0.17	**−13.81**	11 31 53.52	45.370	+ 9.25	+ 11.3	15 0 24.22	.....	+27 19 9.3	....
13	48 H. Cephei s. P.	9	8 27.43	− 0.34	−13.82	296 15 49.20	45.910	+ 9.25	−1 50.9	3 8 13.27	.....	+77 22 56.2	....
14	1 H. Ursæ Minoris	9	13 48.21	+ 0.49	−13.82	331 9 49.15	43.425	+ 9.25	− 30.3	15 13 34.88	.....	+67 42 39.7	....
15	ι Draconis	9	23 4.28	+ 0.38	−13.82	339 33 50.58	44.345	+ 9.25	− 20.5	15 22 50.84	.....	+59 18 7.5	....
16	ν¹ Boötis	9	27 46.42	+ 0.25	−13.82	357 41 52.65	44.950	+ 9.25	− 2.2	15 27 32.85	.....	+41 9 33.3	....
17	α Coronæ Borealis	9	30 55.49	+ 0.18	**−13.86**	11 49 54.18	42.775	+ 9.25	+ 11.6	15 30 41.85	.....	+27 2 7.7	....
18	κ Libræ	9	36 44.56	− 0.09	−13.82	58 11 52.45	45.882	+ 9.25	+1 29.1	15 36 30.65	.....	−19 22 19.0	....
19	5 H. Camelopardalis s. P.	9	40 32.02	− 0.12	−13.82	289 55 49.18	45.625	+ 9.25	−2 30.5	3 40 18.08	.....	+71 2 10.1	....
20	μ Serpentis	9	44 55.65	+ 0.02	**−13.83**	41 59 53.92	42.448	+ 9.25	+ 49.8	15 44 41.85	.....	− 3 8 22.7	....
21	χ Herculis	9	49 38.96	+ 0.27	−13.82	356 7 48.82	46.198	+ 9.25	− 3.7	15 49 25.41	.....	+42 43 10.1	....
22	49 Libræ	9	55 15.85	− 0.06	−13.82	55 5 51.28	43.570	+ 9.25	+1 19.2	15 55 1.97	.....	−16 15 15.1	....
23	β¹ Scorpii	9	0 11.03	− 0.08	**−13.83**	58 21 49.52	47.135	+ 9.25	+1 29.8	15 59 57.13	.....	−19 32 45.3	....
24	Moon I, N.	9	35 47.32	− 0.07	−13.82	56 23 50.15	46.420	+ 9.25	+1 23.4	16 35 33.43	+70.81	−17 34 23.3	....
	June 16, Br.												
25	λ Boötis	9	13 1.42	+ 0.22	−13.83	352 19 55.55	44.902	+ 8.36	− 7.4	14 12 47.81	.....	+46 31 37.6	....
26	*f* Boötis	9	22 17.58	+ 0.08	**−13.83**	19 11 56.15	44.602	+ 8.36	+ 19.2	14 22 3.83	.....	+19 39 17.3	....
27	36 H. Cassiopeiæ s. P.	9	29 13.23	− 0.12	−13.83	291 17 53.40	44.398	+ 8.36	−2 19.8	2 28 59.28	.....	+72 23 56.1	....
28	π Boötis (*pr.*)	9	36 31.11	+ 0.06	−13.82	22 1 56.92	43.688	+ 8.36	+ 22.4	14 36 17.35	− 1.68	+16 49 33.9	− 4.5
29	ε Boötis	9	41 5.63	+ 0.12	**−13.81**	11 21 57.40	46.820	+ 8.36	+ 11.2	14 40 51.93	.....	+27 28 33.3	....
30	8 Libræ	9	45 41.94	− 0.12	**−13.87**	54 25 58.00	46.002	+ 8.36	+1 17.1	14 45 28.00	.....	−15 36 14.4	....
31	43 B. Libræ	9	52 11.31	− 0.16	−13.82	59 49 58.12	42.868	+ 8.36	+1 34.7	14 51 57.33	.....	−20 59 20.4	....
32	ψ Boötis	9	0 37.89	+ 0.12	**−13.78**	11 31 57.75	45.210	+ 8.36	+ 11.3	15 0 24.19	.....	+27 19 9.7	....
33	57 B. Ursæ Minoris	9	8 0.17	+ 2.66	−13.82	311 15 51.72	45.983	+ 8.36	−1 2.6	15 7 49.01	.....	+87 36 11.5	....
34	ι Draconis	9	23 4.42	+ 0.30	−13.82	339 33 55.20	44.180	+ 8.36	− 20.5	15 22 50.90	.....	+59 18 7.6	....
35	ν¹ Boötis	9	27 46.54	+ 0.19	−13.82	357 42	......	.....	. ....	15 27 32.91	.....	+41 10	....
36	α Coronæ Borealis	9	30 55.54	+ 0.12	**−13.85**	11 49 56.85	42.660	+ 8.36	+ 11.6	15 30 41.84	.....	+27 1 8.5	....
37	κ Libræ	9	36 44.63	− 0.14	−13.82	58 11 56.32	45.768	+ 8.36	+1 29.0	15 36 30.67	.....	−19 22 19.2	....
38	μ Serpentis	9	44 55.68	− 0.04	**−13.80**	41 59 56.72	42.342	+ 8.36	+ 49.7	15 44 41.82	.....	− 3 8 22.1	....
39	χ Herculis	9	49 39.08	+ 0.20	−13.82	356 7 55.20	45.915	+ 8.36	− 3.7	15 49 25.46	.....	+42 43 11.1	....
40	49 Libræ	9	55 15.95	− 0.12	−13.82	55 5 58.15	43.290	+ 8.36	+1 19.1	15 55 2.01	.....	−16 15 14.5	....
41	151 H¹. Cephei s. P.	9	6 40.89	− 1.06	−13.82	304 11 52.45	42.197	+ 8.36	−1 21.0	4 6 26.01	.....	+85 18 3.5	....
42	ω Herculis	9	21 17.71	+ 0.05	−13.82	24 35 57.02	44.585	+ 8.36	+ 25.4	16 21 3.94	− 2.08	+14 15 10.6	− 6.7
43	*N* Scorpii	9	25 27.41	− 0.29	−13.82	73 17 58.50	45.680	+ 8.36	+3 2.6	16 25 13.30	− 2.89	−34 29 52.9	− 1.4
44	ζ Ophiuchi	9	32 11.87	− 0.08	**−13.83**	49 11 58.92	47.132	+ 8.36	+1 4.1	16 31 57.97	.....	−10 22 28.1	....
45	ζ Herculis	9	37 58.13	+ 0.14	−13.82	7 3 56.95	46.942	+ 8.36	+ 6.9	16 37 44.45	.....	+31 46 35.3	....
46	Moon I, N.	9	37 40.53	− 0.14	−13.82	58 3 59.60	47.850	+ 8.45	+1 28.8	17 37 26.57	+70.91	−19 15 10.2	....
47	Moon II.	3	40 2.34	− 0.14	−13.82	... .	......	.....	. ....	17 39 48.38	−70.90	.. ..	....
	June 16, Hl.												
48	Venus II, N.	9	40 49.48	+ 0.08	−13.84	26 19 58.92	46.278	+ 9.36	+ 27.2	2 40 35.72	− 1.04	+12 30 27.3	....
	June 17, Hl.												
49	λ Virginis	9	14 13.97	− 0.10	**−13.89**	51 45 58.30	46.082	+ 7.84	+1 9.7	14 14 0.03	.....	−12 56 8.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 5 35	29.97	79.3	79.1
14 0	29.91	76.8	75.8
14 57	29.92	75.7	74.7
15 18	......	....	74.0
16 3	29.92	74.1	73.0
16 36	29.93	73.8	72.8
16 14 13	29.89	76.2	75.0
14 30	......	....	74.7
14 50	......	....	74.3
15 13	......	....	74.0
15 14	[illegible]	75.0	....
15 34	......	....	73.8
16 38	29.89	73.8	72.8
17 41	[illegible]	73.7	72.8
2 41	29.93	78.6	77.9
17 14 5	29.885	77.9	76.9
14 24	......	....	76.1

Micrometer bisections are made at II, VI, except as noted below.

1, 28.	Bisections at I, II.
2, 48.	Bisections at VI, VII.
5.	Bisection at III.
6, 13, 14, 15, 19, 25, 27, 34, 39.	Bisections at III, V.
10.	Bisections at IV, V.
24.	Bisections at II, III, IV, V, VI.
33, 41.	Bisections at b_1, b_3, b_5, b_7, b_9.
46.	Bisections at II, III, VI.

Notes.

5, 7–9. Clouds.

25. Circle reading decreased 30′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 2.3	−15 46.5	...	−15 44.2
2	+ 2.3	+15 46.4	...	+15 48.7
24	+49 25.0	−16 13.9	...	+33 11.1
46	+49 55.5	−16 5.5	...	+33 50.0
48	+ 6.9	− 15.3	...	− 8.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	36 H. Cassiopeiæ s. p.	.	.. ..	....	.....	291 17 52.48	44.448	+ 7.84	−2 19.4	2 29	....	+72 23 56.2	....
2	ε Boötis	9	41 5.62	+ 0.12	**−13.80**	11 21 57.18	46.825	+ 7.84	+ 11.1	14 40 51.90	....	+27 28 34.0	....
3	43 B. Libræ	9	52 11.23	− 0.16	−13.84	59 49 59.02	42.842	+ 7.84	+1 34.5	14 51 57.23	....	−20 59 20.0	....
4	ψ Boötis	9	0 37.91	+ 0.12	**−13.81**	11 31 57.32	45.230	+ 7.84	+ 11.3	15 0 24.19	....	+27 19 10.2	....
5	ι Libræ	9	7 4.51	− 0.14	**−13.84**	58 15 57.50	44.928	+ 7.84	+1 28.9	15 6 50.53	....	−19 26 0.6	....
6	1 H. Ursæ Minoris	9	13 48.26	+ 0.40	−13.84	331 9 53.62	43.270	+ 7.84	− 30.2	15 13 34.82	....	+67 42 39.8	....
7	κ Libræ	9	36 44.63	− 0.13	−13.84	58 11 57.78	45.708	+ 7.84	+1 28.8	15 36 30.66	....	−19 22 18.6	....
8	μ Serpentis	9	44 55.71	− 0.02	**−13.85**	41 59 57.95	42.295	+ 7.84	+ 49.7	15 44 41.85	....	− 3 8 21.7	....
	June 18, Ei.-Y.												
9	η Ophiuchi	9	5 11.97	− 0.11	**−13.66**	54 25 58.12	46.460	+ 7.56	+1 16.7	17 4 58.20	....	−15 36 23.8	....
10	σ Ophiuchi	9	22 3.92	+ 0.01	**−13.60**	34 37 57.58	43.350	+ 7.56	+ 37.9	17 21 50.27	....	+ 4 13 26.6	....
11	ξ Serpentis	9	32 25.01	− 0.11	**−13.64**	54 9 57.10	46.172	+ 7.56	+1 16.0	17 32 11.24	....	−15 20 15.7	....
12	C. P. D. −26°5922	9	33 26.52	− 0.21	−13.66	65 41 57.12	45.490	+ 7.56	+2 1.2	17 33 12.65	− 2.71	−26 52 44.7	− 7.1
13	C. P. D. −27°5723	9	37 35.42	− 0.22	−13.66	66 39 56.52	43.895	+ 7.56	+2 6.7	17 37 21.54	− 2.73	−27 50 13.5	− 7.4
14	B. D. −22°4407	9	39 35.79	− 0.17	−13.66	61 39 57.25	46.380	+ 7.56	+1 41.6	17 39 21.96	− 2.61	−22 50 45.9	− 7.6
15	B. D. −20°4874	9	42 7.62	− 0.15	−13.66	59 37 56.72	44.802	+ 7.56	+1 33.6	17 41 53.81	− 2.57	−20 48 1.3	− 7.8
16	B. D. −19°4711	9	44 13.86	− 0.14	−13.66	58 47 56.25	46.048	+ 7.56	+1 30.6	17 44 0.06	− 2.55	−19 58 26.3	− 7.9
17	C. P. D. −25°6128	9	46 18.31	− 0.20	−13.66	64 33 57.72	45.695	+ 7.56	+1 55.1	17 46 4.45	− 2.67	−25 44 44.2	− 8.0
18	C. P. D. −24°6017	9	49 19.69	− 0.19	−13.66	63 41 55.68	44.068	+ 7.56	+1 50.8	17 49 5.84	− 2.64	−24 52 0.7	− 8.2
19	B. D. −20°4922	9	51 51.59	− 0.15	−13.66	58 59 56.72	47.468	+ 7.56	+1 31.3	17 51 37.78	− 2.55	−20 11 0.0	− 8.4
20	C. P. D. −24°6084	9	54 38.54	− 0.18	−13.66	63 5 57.60	45.372	+ 7.56	+1 48.0	17 54 24.70	− 2.63	−24 16 29.7	− 8.6
21	C. P. D. −24°6126	9	57 18.27	− 0.18	−13.66	63 5 57.70	46.168	+ 7.56	+1 48.0	17 57 4.43	− 2.62	−24 16 47.9	− 8.7
22	C. P. D. −24°6201	9	59 37.39	− 0.18	−13.66	63 13 56.92	44.362	+ 7.56	+1 48.6	17 59 23.55	− 2.62	−24 24 6.5	− 8.9
23	B. D. −21°4855	9	1 45.84	− 0.16	−13.66	60 15 57.52	47.538	+ 7.56	+1 36.1	18 1 32.02	− 2.56	−21 27 7.4	− 9.0
24	C. P. D. −27°6176	9	3 11.71	− 0.22	−13.66	66 35 56.68	47.858	+ 7.56	+2 6.6	18 2 57.83	− 2.69	−27 47 44.1	− 9.2
25	B. D. −19°4886(*mean*)	9	5 53.28	− 0.14	−13.66	58 41 55.58	43.682	+ 7.56	+1 30.2	18 5 39.48	− 2.53	−19 51 31.2	− 9.2
26	C. P. D. −29°5425	9	9 16.99	− 0.24	−13.66	68 39 56.55	45.080	+ 7.56	+2 20.0	18 9 3.09	− 2.73	−29 50 53.9	− 9.6
27	C. P. D. −28°6497	9	11 39.31	− 0.23	−13.66	67 29 55.88	45.680	+ 7.56	+2 12.1	18 11 25.42	− 2.70	−28 40 59.0	− 9.8
28	B. D. −18°4896(*mean*)	9	13 24.82	− 0.13	−13.66	57 29 57.15	43.108	+ 7.56	+1 26.1	18 13 11.03	− 2.50	−18 39 15.6	− 9.5
29	B. D. −22°4693	9	16 33.83	− 0.17	−13.66	61 47 57.85	43.800	+ 7.56	+1 42.3	18 16 20.00	− 2.57	−22 57 48.2	− 9.9
30	109 Herculis	9	19 54.80	+ 0.10	**−13.64**	17 7 56.72	43.700	+ 7.56	+ 17.0	18 19 41.24	.....	+21 43 40.3	....
31	C.P.D. −26°6463(*mean*)	9	22 4.84	− 0.20	−13.66	65 29 57.08	47.050	+ 7.56	+2 0.3	18 21 50.98	− 2.63	−26 41 19.8	−10.4
32	C. P. D. −28°6576	9	24 46.19	− 0.23	−13.66	67 39 56.25	46.560	+ 7.56	+2 13.3	18 24 32.30	− 2.67	−28 51 20.7	−10.6
33	C. P. D. −24°6447	9	28 21.71	− 0.18	−13.66	62 55 56.52	44.288	+ 7.56	+1 47.3	18 28 7.87	− 2.56	−24 6 3.1	−10.6
34	C. P. D. −29°5610	9	30 12.37	− 0.24	−13.66	68 35 55.88	43.638	+ 7.56	+2 19.5	18 29 58.47	− 2.68	−29 46 19.8	−11.0
35	B. D. −20°5223	9	34 31.79	− 0.14	−13.66	58 57 55.95	48.030	+ 7.56	+1 31.3	18 34 17.99	− 2.48	−20 9 12.0	−10.7
36	B. D. −21°5118	9	38 9.08	− 0.15	−13.66	59 49 57.38	46.252	+ 7.56	+1 34.5	18 37 55.27	− 2.49	−21 0 36.0	−11.0
37	B. D. −22°4854	9	40 53.22	− 0.16	−13.66	61 17 57.45	47.995	+ 7.56	+1 40.3	18 40 39.40	− 2.50	−22 29 21.7	−11.2
38	C. P. D. −25°6614	9	44 4.47	− 0.19	−13.66	64 31 56.32	46.595	+ 7.56	+1 55.1	18 43 50.62	− 2.55	−25 43 3.4	−11.6
39	C. P. D. −29°5758	9	46 51.54	− 0.23	−13.66	68 17 56.58	46.425	+ 7.56	+2 17.5	18 46 37.65	− 2.62	−29 29 22.2	−12.1
40	B. D. −16°5078	9	50 18.88	− 0.11	−13.66	55 19 56.98	43.800	+ 7.56	+1 19.4	18 50 5.11	− 2.39	−16 29 24.5	−11.2
41	C. P. D. −25°6642	9	52 47.41	− 0.19	−13.66	63 49 56.18	44.120	+ 7.56	+1 51.6	18 52 33.56	− 2.51	−25 0 3.2	−12.0
42	ζ Sagittarii	9	56 50.62	− 0.24	−13.66	68 49 55.15	44.832	+ 7.56	+2 21.2	18 56 36.72	....	−30 0 48.0	....
43	B. D. −21°5233	9	58 55.60	− 0.15	−13.66	60 29 57.30	44.780	+ 7.56	+1 37.0	18 58 41.79	− 2.44	−21 40 4.8	−12.0
44	B. D. −18°5206	9	1 50.92	− 0.13	−13.66	57 41 56.02	47.428	+ 7.56	+1 26.9	19 1 37.13	− 2.39	−18 52 53.9	−11.9
45	π Sagittarii	9	4 23.12	− 0.15	−13.66	59 59 57.65	45.502	+ 7.56	+1 35.1	19 4 9.31	....	−21 10 19.8	....
46	B. D. −17°5535	9	9 36.81	− 0.12	−13.66	56 19 55.02	46.508	+ 7.56	+1 22.5	19 9 23.03	− 2.35	−17 30 27.5	−12.1
47	C. P. D. −28°6867	9	12 51.51	− 0.22	−13.66	66 47 56.80	44.965	+ 7.56	+2 7.8	19 12 37.63	− 2.50	−27 58 39.3	−13.4
48	C. P. D. −26°6735	9	16 9.57	− 0.20	−13.66	65 9 57.05	44.795	+ 7.56	+1 58.5	19 15 55.71	− 2.45	−26 20 26.3	−13.4
49	C. P. D. −24°6721	9	19 45.96	− 0.18	−13.65	63 29 56.85	47.735	+ 7.56	+1 50.1	19 19 32.13	− 2.41	−24 41 25.0	−13.4
50	B. D. −17°5633	9	21 34.35	− 0.11	−13.65	55 47 56.65	45.808	+ 7.56	+1 20.9	19 21 20.59	− 2.31	−16 58 11.6	−12.4
51	B. D. −21°5410	9	25 31.91	− 0.15	−13.65	60 19 56.48	45.728	+ 7.56	+1 36.4	19 25 18.11	− 2.35	−21 30 25.1	−13.2
52	β Cygni	9	27 9.19	+ 0.14	**−13.65**	11 5 56.25	44.030	+ 7.56	+ 10.8	19 26 55.68	....	+27 45 39.4	....
53	B. D. −22°5156	9	29 21.84	− 0.16	−13.65	61 1 56.68	45.070	+ 7.56	+1 39.2	19 29 8.03	− 2.34	−22 12 12.7	−13.5
54	B. D. −18°5432	9	31 48.75	− 0.12	−13.65	57 15 56.50	46.035	+ 7.56	+1 25.5	19 31 34.98	− 2.29	−18 26 21.2	−13.0
55	C. P. D. −23°7546	9	34 40.69	− 0.17	−13.65	62 27 56.25	45.792	+ 7.56	+1 45.3	19 34 26.87	− 2.34	−23 38 35.2	−13.9
56	B. D. −18°5460	9	37 36.64	− 0.12	−13.65	57 15 56.50	42.962	+ 7.56	+1 25.5	19 37 22.87	− 2.27	−18 25 11.0	−13.2
57	Moon II, N	9	40 56.14	− 0.13	−13.65	57 37 56.92	46.761	+ 7.56	+1 26.8	19 40 42.36	−68.81	−18 48 39.5	....
58	C. P. D. −24°6809	9	41 40.98	− 0.17	−13.65	62 47 57.20	43.668	+ 7.56	+1 46.8	19 41 27.16	− 2.31	−23 57 49.1	−14.2
59	B. D. −15°5479	9	45 19.79	− 0.10	−13.65	54 29 57.02	44.262	+ 7.56	+1 17.1	19 45 6.04	− 2.21	−15 39 33.1	−13.0

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
17 14 47	.....	....	75.7	1. Bisections at III, V.	57	+48 28.4	−15 42.1	...	+32 46.3
14 57	.....	....	75.2	11, 23, 59. Bisections at I, II.					
15 32	.....	....	74.7	12, 53. Bisections at VI, VII.					
15 50	29.88	75.3	74.2	21, 29, 40, 44, 48. Bisections at II, VII.					
18 17 7	29.85	77.3	76.7	57. Bisections at II, III, IV, V, VI.					
17 36	.....	....	76.1						
17 46	.....	....	75.9						
18 7	29.84	76.3	75.5						
18 36	.....	....	75.1	Notes.					
19 0	29.83	75.9	75.0	9–44. Images mostly poor; unsteady.					
19 31	.....	....	74.6	22. Micrometer reading decreased 1 rev.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Aquilæ	9	46 24.72	+ 0.05	**−13.68**	30 13 55.92	44.445	+ 7.56	+ 32.1	19 46 11.12	.....	+ 8 37 9.0	....
2	β Aquilæ	9	50 54.62	+ 0.04	**−13.70**	32 39 55.38	46.645	+ 7.56	+ 35.4	19 50 41.01	.....	+ 6 10 16.3	....
3	γ Sagittæ	9	54 47.68	+ 0.10	**−13.68**	19 37 55.30	42.468	+ 7.56	+ 19.7	19 54 34.13	.....	+19 14 7.2	....
	June 18, Br.												
4	Venus II, N	9	47 0.13	+ 0.01	−13.75	25 57 56.15	44.358	+ 8.84	+ 26.4	2 46 46.39	− 1.02	+12 53 15.2	....
5	Mercury C, C	9	24 49.63	+ 0.04	−13.74	15 11 57.00	47.175	+ 8.84	+ 14.6	5 24 35.93	− 0.01	+23 38 21.7	....
	June 19, Br.												
6	Sun I, S	9	49 4.93	+ 0.04	−13.74	15 41 57.78	43.042	+ 9.22	+ 15.1	5 48 51.23	+68.90	+23 9 54.2	....
7	Sun II, N	9	51 22.73	+ 0.04	−13.74	15 9 59.00	44.275	+ 9.22	+ 14.6	5 51 9.03	−68.90	+23 41 25.9	....
8	f Boötis	9	22 17.44	+ 0.06	**−13.69**	19 11 55.80	44.620	+ 8.34	+ 19.2	14 22 3.77	.....	+19 39 17.2	....
9	μ Virginis	9	38 18.84	− 0.06	**−13.68**	44 3 58.05	48.500	+ 8.34	+ 53.4	14 38 5.05	.....	− 5 14 47.8	....
10	ε Boötis	9	41 5.56	+ 0.11	**−13.75**	11 21 55.78	46.878	+ 8.34	+ 11.1	14 40 51.94	.....	+27 28 33.4	....
11	8 Libræ	9	45 41.83	− 0.12	**−13.77**	54 25 56.45	46.050	+ 8.34	+1 17.0	14 45 27.98	.....	−15 36 13.8	....
12	ξ^2 Libræ	9	51 52.63	− 0.09	**−13.78**	49 51 56.28	45.040	+ 8.34	+1 5.4	14 51 38.81	.....	−11 1 39.0	....
13	ψ Boötis	9	0 37.78	+ 0.12	**−13.69**	11 31 56.15	45.278	+ 8.34	+ 11.3	15 0 24.17	.....	+27 19 9.7	....
14	ι Libræ	9	7 4.38	− 0.15	**−13.71**	58 15 59.25	44.872	+ 8.34	+1 29.0	15 6 50.50	.....	−19 26 1.9	....
15	β Libræ	9	12 9.49	− 0.07	**−13.68**	47 52 1.35	45.948	+ 8.34	+1 1.0	15 11 55.69	.....	− 9 2 0.4	....
16	32 Libræ	9	23 9.96	− 0.12	**−13.73**	55 13 59.78	43.050	+ 8.34	+1 19.4	15 22 56.11	.....	−16 23 11.0	....
	June 19, Hl.												
17	θ Aquilæ	8	6 40.07	+ 0.03	**−13.76**	39 58 2.80	41.410	+ 7.88	+ 46.4	20 6 26.35	.....	− 1 6 3.1	....
18	β Capricorni	8	15 56.53	− 0.06	**−13.82**	53 56 1.22	41.882	+ 7.88	+1 16.0	20 15 42.72	.....	−15 4 41.9	....
19	ρ Capricorni	8	23 42.50	− 0.08	**−13.73**	56 58 2.55	43.442	+ 7.88	+1 25.2	20 23 28.67	.....	−18 7 28.0	....
20	Moon II, N	7	37 48.43	− 0.07	−13.74	55 44 2.65	46.614	+ 7.88	+1 21.4	20 37 34.62	−67.05	−16 54 36.1	....
21	μ Aquarii	8	47 47.57	− 0.01	**−13.75**	48 12 2.25	41.175	+ 7.88	+1 2.0	20 47 33.82	.....	− 9 20 12.7	....
22	θ Capricorni	8	0 52.24	− 0.07	**−13.77**	56 26 1.00	46.070	+ 7.88	+1 23.6	21 0 38.43	.....	−17 36 24.9	....
23	3 Piscis Australis	8	7 55.30	− 0.16	−13.74	66 50 1.25	43.415	+ 7.88	+2 9.2	21 7 41.40	− 1.90	−28 0 10.1	−17.6
24	υ Cygni	8	14 16.35	+ 0.23	−13.74	4 22 0.00	43.538	+ 7.88	+ 4.3	21 14 2.84	− 2.13	+34 29 53.1	− 1.5
	June 21, Hl.												
25	186 G. Sagittarii	9	21 12.86	− 0.19	−13.61	68 45 57.95	41.782	+ 8.34	+2 20.6	19 20 59.06	− 2.56	−29 55 41.3	−14.0
26	ε Sagittæ	9	33 15.13	+ 0.14	−13.61	22 35 56.50	45.002	+ 8.34	+ 22.9	19 33 1.66	− 2.23	+16 15 4.1	− 8.4
27	α Aquilæ	9	46 24.63	+ 0.10	**−13.58**	30 13 58.50	44.275	+ 8.34	+ 32.1	19 46 11.12	.....	+ 8 37 9.6	....
28	β Aquilæ	9	50 54.58	+ 0.09	**−13.65**	32 39 57.58	46.478	+ 8.34	+ 35.3	19 50 41.06	.....	+ 6 10 16.9	....
29	4 B. Ursæ Minoris S. P.	5	2 46.58	− 7.14	−13.61	307 47 53.20	44.598	+ 8.34	−1 10.5	8 2 25.83	.....	+88 55 9.3	....
30	β Capricorni	9	15 56.39	− 0.05	**−13.64**	53 55 59.02	42.008	+ 8.34	+1 15.4	20 15 42.73	.....	−15 4 42.4	....
31	π Capricorni	7	22 8.93	− 0.08	**−13.61**	57 21 57.50	42.910	+ 8.34	+1 25.7	20 21 55.24	.....	−18 31 11.8	....
32	α Delphini	9	35 29.12	+ 0.13	**−13.58**	23 15 57.40	45.852	+ 8.34	+ 23.7	20 35 15.64	.....	+15 34 43.0	....
33	7 Aquarii	9	52 1.69	− 0.01	−13.61	48 53 59.75	44.728	+ 8.34	+1 3.0	20 51 48.07	− 1.97	−10 3 32.9	−13.3
34	ξ Cygni	9	1 44.33	+ 0.30	−13.61	355 19 56.08	41.400	+ 8.34	− 4.4	21 1 31.02	− 2.41	+43 32 54.0	− 0.8
35	Venus II, N	9	56 38.65	+ 0.21	−13.60	25 21 58.62	44.026	+ 9.33	+ 25.7	2 56 25.26	− 0.98	+13 29 20.5	....
	June 22, Hl.												
36	Sun I, N	9	1 33.23	+ 0.18	−13.59	15 7 57.58	46.680	+ 9.29	+ 14.5	6 1 19.82	+68.90	+23 42 31.8	....
37	Sun II, S	9	3 51.02	+ 0.18	−13.59	15 39 56.32	45.422	+ 9.29	+ 15.0	6 3 37.61	−68.89	+23 11 1.9	....
	June 25, M.												
38	τ Virginis	9	57 3.58	0.00	**[−13.33]**	36 50	......	....	.....	13 56	.....	+ 2 0	....
39	d Boötis	9	6 18.54	+ 0.12	**[−13.25]**	13 18	......	....	.....	14 6	.....	+25 32	....
40	κ Virginis	9	8 4.76	− 0.07	**[−13.28]**	48 40	......	....	.....	14 7	.....	− 9 50	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 19 56	29.82	75.1	74.2
2 47	29.84	83.0	83.0
5 26	29.85	88.6	88.7
19 5 51	29.85	89.4	89.3
14 19	29.82	75.9	74.0
14 36	......	....	74.0
15 23	29.815	74.4	73.0
20 3	29.795	71.7	....
20 10	......	....	70.2
20 28	......	....	69.9
20 52	......	....	69.7
21 20	29.815	71.1	69.9
21 19 10	29.65	72.8	72.0
19 30	......	....	72.0
19 43	......	....	72.0
20 13	......	....	72.0
20 56	......	....	71.9
21 15	29.645	72.6	72.0
2 57	29.69	81.1	81.8
22 6 4	29.67	86.2	88.0

Micrometer bisections are made at II, VI, except as noted below.

2, 7, 37.	Bisections at VI, VII.
4, 5, 35.	Bisections at I, II, VI, VII.
6, 10, 14, 36.	Bisections at I, II.
20.	Bisections at I, II, III, IV, V.
29.	Bisections at b_3, b_7.

Notes.

8–17.	Clouds.
11, 28, 30, 32.	Very faint.
25–34.	Misty clouds and fog.
29.	Right ascension observed chronographically.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 6.7	− 14.9	...	− 8.2
5	+ 1.8	.. ....	0.0	+ 1.8
6	+ 2.3	+15 45.8	...	+15 48.1
7	+ 2.2	−15 45.8	...	−15 43.6
20	+46 46.1	−15 29.1	...	+31 17.0
35	+ 6.3	− 14.3	...	− 8.0
36	+ 2.2	−15 44.9	...	−15 42.7
37	+ 2.3	+15 44.9	...	+15 47.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ι Virginis	9	11 16.98	− 0.05	[−13.27]	44 24	......	....	. ....	14 11	.....	− 5 32	....
2	λ Virginis	9	14 13.29	− 0.10	[−13.27]	51 46	......	....	. ....	14 13	.....	−12 56	....
3	f Boötis	9	22 16.94	+ 0.09	[−13.28]	19 12	......	....	. ....	14 22	.....	+19 39	....
	August 13, M.												
4	ι¹ Aquarii	9	39 29.01	− 0.45	− **9.65**	302 13 48.22	47.420	− 7.36	−1 27.9	23 39 18.92	.....	−18 47 55.4	....
5	ρ Cassiopeiæ	9	49 52.21	− 0.49	− 9.64	17 57 50.45	48.585	− 7.36	+ 18.2	23 49 42.08	− 4.06	+56 58 19.2	− 3.0
6	14 H¹. Draconis S. P.	9	0 29.05	+ 0.96	− 9.64	63 33 52.28	42.902	− 7.36	+1 51.8	12 0 20.37	+ 5.41	+77 26 14.8	− 4.6
7	α Andromedæ	8	3 41.37	− 0.38	− **9.64**	349 35 49.05	44.102	− 7.36	− 10.1	0 3 31.35	.....	+28 34 7.2	....
8	6 B. Ursæ Minoris S. P.	9	13 39.78	+ 7.16	− 9.64	52 45 51.02	46.260	− 7.36	+1 13.4	12 13 37.30	.....	+88 13 38.4	....
9	κ Cassiopeiæ	9	27 50.32	− 0.56	− 9.64	23 25 52.02	43.390	− 7.36	+ 24.2	0 27 40.12	− 4.44	+62 24 28.0	+ 1.6
10	ε Andromedæ	9	33 44.69	− 0.38	− **9.59**	349 49 49.68	43.482	− 7.36	− 10.0	0 33 34.67	.....	+28 47 53.8	....
11	73 G. Ceti	9	40 14.59	− 0.47	− 9.64	298 31 46.90	44.280	− 7.36	−1 42.0	0 40 4.48	− 2.05	−22 31 22.6	−19.6
12	59 H¹. Cassiopeiæ	9	45 12.08	− 0.58	− 9.64	24 43 51.98	46.860	− 7.36	+ 25.8	0 45 1.86	− 4.51	+63 43 48.9	+ 3.4
13	43 H. Cephei	9	56 11.67	− 3.08	− 9.64	46 45 53.02	42.582	− 7.36	+ 59.3	0 55 58.95	.....	+85 44 45.6	....
14	χ Piscium	9	6 33.15	− 0.36	− 9.64	341 33 48.45	43.922	− 7.36	− 18.5	1 6 23.15	− 2.42	+20 31 54.1	− 6.9
15	37 Ceti	9	9 48.99	− 0.41	− 9.64	312 35 47.62	46.765	− 7.36	−1 0.4	1 9 38.94	− 2.01	− 8 25 43.5	−15.3
16	ξ Andromedæ	9	16 57.67	− 0.42	− 9.64	6 3 51.35	42.698	− 7.36	+ 6.0	1 16 47.61	− 3.04	+45 1 53.5	+ 1.2
17	μ Piscium	9	25 24.49	− 0.38	− 9.64	326 41 48.25	43.480	− 7.36	− 36.6	1 25 14.47	− 2.10	+ 5 39 25.8	−10.5
18	π Piscium	9	32 15.88	− 0.37	− **9.70**	332 41 47.85	43.340	− 7.36	− 28.7	1 32 5.87	.....	+11 39 30.1	....
19	ω Cassiopeiæ	9	35 32.64	− 0.66	− 9.64	28 34 1.95	45.825	− 7.36	+ 30.4	1 35 22.34	.....	+67 33 39.7	....
20	ο Piscium	9	40 34.62	− 0.37	− **9.61**	329 41 48.55	47.245	− 7.36	− 32.5	1 40 24.62	.....	+ 8 40 56.2	....
21	2 Persei	9	46 19.69	− 0.44	− 9.63	11 19 51.40	46.332	− 7.36	+ 11.3	1 46 9.62	− 3.11	+50 19 21.8	+ 5.0
22	i Draconis S. P.	9	48 47.04	+ 0.49	− 9.63	75 45 52.95	44.877	− 7.36	+3 36.9	13 48 37.90	+ 1.34	+65 11 44.0	−14.3
23	α Piscium (*brighter*)	9	57 19.73	− 0.38	− 9.63	323 19 48.45	46.420	− 7.36	− 41.4	1 57 9.72	− 1.89	+ 2 18 28.4	− 9.9
24	Venus II, C	9	39 28.98	− 0.43	− 9.59	342 23 49.88	46.994	− 7.54	− 17.4	6 39 18.96	− 0.60	+21 23 6.7	....
	August 15, Hl.												
25	μ Capricorni	9	48 19.92	− 0.50	− **9.58**	307 1 51.32	47.522	−10.06	−1 12.0	21 48 9.85	.....	−13 59 36.8	....
26	η Piscis Australis (*mean*)	9	55 35.92	− 0.56	− 9.57	292 7 51.90	48.512	−10.06	−2 12.6	21 55 25.79	− 2.84	−28 54 14.2	−19.3
27	Saturn I, C	7	11 7.61	− 0.49	− 9.56	308 1 52.10	50.829	−10.06	−1 9.5	22 10 57.56	+ 0.58	−12 59 53.2	....
28	Saturn II	7	11 8.76	− 0.49	− 9.56	... .	......	......	. ....	22 10 58.71	− 0.57	.. ..	....
29	Moon II, N	9	30 50.71	− 0.49	− 9.56	310 35 52.00	47.575	−10.06	−1 3.5	22 30 40.66	−63.40	−10 25 25.9	....
30	λ Pegasi	9	42 10.18	− 0.47	− **9.55**	344 3 54.15	49.768	−10.06	− 15.5	22 42 0.15	.....	+23 4 13.7	....
31	δ Aquarii	9	49 49.31	− 0.49	− **9.62**	304 41 51.12	48.805	−10.06	−1 18.5	22 49 39.26	.....	−16 19 14.2	....
32	3 Andromedæ	9	0 8.79	− 0.59	− 9.56	10 31 54.72	48.842	−10.06	+ 10.3	22 59 58.64	− 3.66	+49 32 18.7	− 9.3
33	5 Andromedæ	9	3 40.07	− 0.58	− 9.56	9 47 54.65	45.095	−10.06	+ 9.5	23 3 29.93	− 3.62	+48 46 52.3	− 9.1
34	γ Sculptoris	9	13 54.52	− 0.57	− 9.56	288 1 51.60	43.670	−10.06	−2 45.7	23 13 44.39	.....	−33 2 38.2	....
35	θ Piscium	9	23 21.54	− 0.45	− **9.55**	326 51 51.48	49.340	−10.06	− 35.6	23 23 11.53	.....	+ 5 51 41.2	....
36	14 Piscium	9	29 28.52	− 0.46	− 9.56	319 15 52.58	45.328	−10.06	− 47.0	23 29 18.50	− 2.53	− 1 46 0.7	−17.3
37	μ Sculptoris	9	35 51.81	− 0.57	− 9.56	288 27 50.48	46.390	−10.06	−2 41.5	23 35 41.68	− 2.44	−32 35 33.0	−21.6
38	φ Pegasi	9	47 51.94	− 0.45	− **9.55**	339 35 53.22	48.922	−10.06	− 20.3	23 47 41.93	.....	+18 35 48.7	....
39	ω Piscium	9	54 38.51	− 0.44	− **9.56**	327 21 50.92	46.258	−10.06	− 34.9	23 54 28.51	.....	+ 6 20 30.9	....
40	γ Pegasi	9	8 33.14	− 0.44	− **9.52**	335 39 52.48	48.518	−10.06	− 24.7	0 8 23.14	.....	+14 39 34.3	....
41	Venus II, C	9	49 8.50	− 0.43	− 9.50	342 21 52.70	44.315	−10.96	− 17.3	6 48 58.57	− 0.60	+21 20 5.0	....
	August 16, M.												
42	Venus II, C	9	53 59.04	− 0.40	− 9.29	342 19 55.75	47.590	−11.85	− 17.9	6 53 49.35	− 0.59	+21 17 46.2	....
	August 17, M.												
43	Sun I, S	9	44 41.06	− 0.40	− 9.28	334 15 55.35	44.300	−11.98	− 26.9	9 44 31.38	+65.27	+13 13 56.4	....
44	Sun II, N	9	46 51.60	− 0.40	− 9.28	334 47 54.55	43.255	−11.98	− 26.2	9 46 41.92	−65.27	+13 45 33.0	....
45	158 H¹. Cephei S. P.	9	31 36.78	+ 2.61	− 9.22	55 49 57.58	48.337	−12.32	+1 23.1	5 31 30.17	.....	+85 8 38.8	....
46	β Ophiuchi	9	38 58.57	− 0.46	− **9.22**	325 37 54.92	46.660	−12.32	− 38.4	17 38 48.89	.....	+ 4 36 38.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 23 37	29.80	69.5	67.3
0 31	29.80	69.1	67.1
0 51	......	....	67.0
1 20	......	....	67.0
2 0	29.81	68.2	66.8
6 39	29.86	76.0	73.9
15 21 37	29.53	74.8	73.8
22 0	......	....	73.4
22 35	......	....	72.7
22 48	......	....	72.3
23 9	......	....	72.1
23 [illegible]	......	....	72.0
0 0	......	....	71.8
0 19	29.53	72.4	71.6
6 49	[illegible]	75.8	74.0
16 6 54	29.96	68.6	[illegible]
17 9 47	29.97	71.7	68.9
17 27	29.98	65.8	64.7

Micrometer bisections are made at II, VI, except as noted below.

6, 22, 45.	Bisections at III, IV, V.
7, 32, 34, 44.	Bisections at VI, VII.
8.	Bisections at b_2, b_5, b_8.
13.	Bisections at b_1, b_2, b_5, b_8, b_9.
24, 27, 41, 42.	Bisections at I, II, VI, VII.
27, 42.	Z. D. threads O used.
29.	Bisections at II, III, IV, V.
35.	Bisection at II.
43.	Bisections at I, II.

Notes.

4, 5.	Poor.
23.	Assumed that brighter was observed.
28.	Faint.
30.	Revolutions of micrometer reading assumed.
34, 38.	Fuzzy.
45.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
24	+ 2.6	.. ....	0.0	+ 2.6
27	+ 0.8	.. ....	...	+ 0.8
29	+41 45.4	−15 5.2	...	+26 40.2
41	+ 2.6	.. ....	0.0	+ 2.6
42	+ 2.6	.. ....	0.0	+ 2.6
43	+ 3.7	+15 48.3	...	+15 52.0
44	+ 3.7	−15 48.3	...	−15 44.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Herculis	9	42 55.98	− 0.45	− **9.19**	348 47 55.28	46.110	−12.32	− 11.1	17 42 46.31	.....	+27 46 53.4	....
2	89 Herculis	9	51 46.89	− 0.44	− **9.18**	347 5 56.10	44.465	−12.32	− 12.9	17 51 37.23	.....	+26 4 14.8	....
3	γ Draconis	9	54 35.67	− 0.52	− 9.22	12 29 57.02	49.005	−12.32	+ 12.6	17 54 25.93	.....	+51 30 24.9	....
4	Uranus C, C	9	2 8.99	− 0.57	− 9.22	297 19 53.75	46.089	−12.32	−1 48.4	18 1 59.20	.....	−23 42 45.7	....
5	μ Sagittarii	9	8 17.39	− 0.55	− 9.22	299 57 53.92	45.238	−12.32	−1 37.3	18 8 7.62	.....	−21 4 54.0	....
6	η Serpentis	9	16 35.72	− 0.47	− **9.27**	318 5 55.32	47.615	−12.32	− 50.5	18 16 26.03	.....	− 2 55 11.5	....
7	λ Sagittarii	9	22 19.07	− 0.58	− 9.22	295 33 54.20	47.572	−12.32	−1 57.1	18 22 9.27	.....	−25 28 20.1	....
8	3 H. Scuti	9	30 14.45	− 0.49	− **9.23**	312 43 54.72	44.910	−12.32	−1 1.0	18 30 4.75	.....	− 8 18 24.4	....
9	4 H. Scuti	9	37 16.59	− 0.49	− **9.19**	311 53 54.72	45.050	−12.32	−1 2.8	18 37 6.89	.....	− 9 8 23.0	....
10	110 Herculis	9	41 46.34	− 0.44	− **9.23**	341 27 55.32	48.435	−12.32	− 18.9	18 41 36.69	.....	+20 27 38.8	....
11	σ Sagittarii	9	49 35.23	− 0.59	− 9.21	294 37 54.32	46.745	−12.32	−2 2.4	18 49 25.43	.....	−26 24 44.2	....
12	51 H. Cephei s. p.	9	56 7.83	+ 4.56	− 9.21	53 47 58.52	46.175	−12.32	+1 17.4	6 56 3.18	.....	+87 11 32.7	....
13	π Sagittarii	9	4 19.48	− 0.55	− 9.21	299 51 53.62	46.862	−12.32	−1 38.0	19 4 9.72	.....	−21 10 17.8	....
14	δ Draconis	9	12 45.24	− 0.73	− 9.21	28 29 57.48	47.300	−12.32	+ 30.8	19 12 35.30	.....	+67 30 4.7	....
15	λ Ursæ Minoris	6	17 44.13	−13.36	− 9.21	49 59 59.95	45.972	−12.32	+1 7.6	19 17 21.56	.....	+89 0 13.5	....
	August 17, Br.												
16	Saturn I, C	7	10 33.32	− 0.50	− 9.33	307 59 55.45	47.461	−12.37	−1 12.8	22 10 23.49	+ 0.67	−13 3 12.4	....
17	Saturn II	7	10 34.65	− 0.50	− 9.33	... .	......	.....	. ....	22 10 24.82	− 0.66	.. ..	....
18	70 Pegasi	.	.. ..	.....	....	333 15 55.50	45.744	−12.51	− 28.7	23 24	.....	+12 14 27.5	....
19	ι Andromedæ	.	.. ..	.....	....	3 45 57.45	44.898	−12.55	+ 3.8	23 34	.....	+42 44 42.6	....
20	Moon II, N	9	7 16.66	− 0.47	− 9.33	318 25 54.12	45.068	−12.68	− 50.6	0 7 6.86	−61.48	− 2 36 11.4	....
21	44 Piscium	.	.. ..	.....	....	322 25 54.95	48.120	−12.74	− 43.8	0 20	.....	+ 1 25 6.0	....
22	κ Cassiopeiæ	.	.. ..	.....	....	23 25 58.48	43.355	−12.76	+ 24.8	0 28	.....	+62 24 29.1	+ 0.4
	August 18, Br.												
23	Sun S	.	.. ..	.....	....	333 55 56.35	46.255	−12.76	− 27.2	9 49	.....	+12 54 40.9	....
24	Sun N	.	.. ..	.....	....	334 27 56.18	45.320	−12.76	− 26.6	.. ..	.....	+13 26 20.6	....
25	d Ophiuchi	9	21 29.77	− 0.66	− 9.29	291 15 54.65	47.425	−12.85	−2 22.8	17 21 19.82	.....	−29 46 49.2	....
26	158 H^1. Cephei s. p.	9	31 37.11	+ 2.95	− 9.29	55 49 59.08	48.337	−12.89	+1 22.9	5 31 30.77	.....	+85 8 38.1	....
27	β Ophiuchi	9	38 58.62	− 0.50	− **9.24**	325 37 55.02	46.700	−12.92	− 38.4	17 38 48.83	.....	+ 4 36 38.8	....
28	μ Herculis	9	42 56.11	− 0.49	− **9.30**	348 47 57.20	46.102	−12.93	− 11.1	17 42 46.33	.....	+27 46 54.5	....
29	89 Herculis	9	51 46.94	− 0.48	− **9.21**	347 5 58.28	44.428	−12.97	− 12.8	17 51 37.17	.....	+26 4 15.6	....
30	Uranus C, C	9	2 4.40	− 0.61	− 9.29	297 19 54.68	46.116	−13.01	−1 48.4	18 1 54.50	.....	−23 42 44.9	....
31	μ Sagittarii	9	8 17.40	− 0.60	− 9.29	299 57 53.75	45.302	−13.03	−1 37.2	18 8 7.51	.....	−21 4 53.3	....
32	η Serpentis	9	16 35.81	− 0.51	− **9.33**	318 5 56.40	47.652	−13.07	− 50.4	18 16 26.01	.....	− 2 55 10.2	....
33	λ Sagittarii	9	22 19.21	− 0.63	− 9.29	295 33 54.40	47.630	−13.09	−1 57.0	18 22 9.29	.....	−25 28 19.3	....
34	3 H. Scuti	9	30 14.49	− 0.53	− **9.24**	312 43 55.80	44.908	−13.12	−1 0.9	18 30 4.67	.....	− 8 18 24.0	....
35	4 H. Scuti	9	37 16.68	− 0.53	− **9.25**	311 53 55.15	45.088	−13.15	−1 2.7	18 37 6.86	.....	− 9 8 22.4	....
36	110 Herculis	9	41 46.42	− 0.47	− **9.29**	341 27 55.30	48.485	−13.16	− 18.9	18 41 36.66	.....	+20 27 39.1	....
37	σ Sagittarii	9	49 35.32	− 0.63	− 9.29	294 37 54.20	46.802	−13.20	−2 2.2	18 49 25.40	.....	−26 24 43.7	....
38	51 H. Cephei s. p.	7	56 8.61	+ 4.48	− 9.29	53 47 59.78	46.190	−13.22	+1 17.3	6 56 3.80	.....	+87 11 32.4	....
39	π Sagittarii	.	.. ..	.....	....	299 51 54.28	46.892	−13.25	−1 37.9	19 4	.....	−21 10 17.3	....
40	λ Ursæ Minoris	8	17 45.82	−12.61	− 9.28	50 0 1.15	46.034	−13.31	+1 7.5	19 17 23.93	.....	+89 0 13.9	....
	August 18, Hl.												
41	α Equulei	8	11 17.08	− 0.46	− **9.33**	325 51 56.42	49.242	−12.82	− 38.4	21 11 7.34	.....	+ 4 51 38.4	....
42	ζ Capricorni	9	21 27.53	− 0.60	− 9.28	298 13 54.42	45.195	−12.82	−1 45.4	21 21 17.65	.....	−22 49 3.0	....
43	γ Capricorni	9	35 2.48	− 0.55	− **9.35**	303 55 54.70	49.222	−12.82	−1 24.1	21 34 52.65	.....	−17 5 9.4	....
44	14 Pegasi	7	45 51.14	− 0.42	− 9.28	350 43 57.58	49.490	−12.82	− 9.2	21 45 41.44	− 3.00	+29 44 14.3	−17.6
45	ν Pegasi	9	1 5.87	− 0.46	− 9.28	325 37 55.40	44.955	−12.82	− 38.9	22 0 56.13	− 2.76	+ 4 35 58.9	−18.7
46	Saturn I, C	5	10 16.12	− 0.53	− 9.28	307 57 55.55	48.368	−12.82	−1 12.8	22 10 6.31	+ 0.59	−13 4 52.0	....
47	Saturn II	5	10 17.30	− 0.53	− 9.28	... .	......	.....	. ....	22 10 7.49	− 0.59	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 18 5	.....	....	64.5
18 22	30.00	65.0	64.0
19 3	.....	....	63.0
19 27	30.01	63.9	62.6
22 11	30.00	60.8	58.9
23 24	29.99	59.8	58.0
0 8	.....	....	57.7
0 34	29.98	59.0	57.5
18 9 51	30.03	72.6	70.0
17 18	29.97	67.1	65.9
17 45	.....	....	64.9
18 2	.....	....	64.1
18 12	29.97	65.3	....
18 26	.....	....	63.7
19 3	.....	....	62.9
19 30	29.98	63.6	62.1
21 4	29.98	61.6	60.1
21 25	.....	....	59.8
22 5	.....	....	59.2

Micrometer bisections are made at II, VI, except as noted below.

4, 16, 18, 30, 46.	Bisections at I, II, VI, VII.
12.	Bisections at b$_1$, b$_2$, b$_5$, b$_8$, b$_9$.
14, 19, 22.	Bisections at III, V.
15.	Bisections at b$_4$, b$_5$, b$_6$.
16, 46.	Z. D. threads C used.
20.	Bisections at II, III, IV, V, VI.
23.	Bisection at I.
24.	Bisections at VI, VII.
26.	Bisections at III, IV, V.
27.	Bisections at I, II.
38.	Bisections at b$_2$, b$_5$, b$_8$.
40.	Bisections at b$_2$, b$_5$, b$_8$, b$_9$.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 0.4	.. ....	...	+ 0.4
16	+ 0.8	.. ....	...	+ 0.8
20	+35 56.3	−14 52.4	...	+21 3.9
23	+ 3.8	+15 49.8	...	+15 53.6
24	+ 3.7	−15 49.8	...	−15 46.1
30	+ 0.4	.. ....	...	+ 0.4
46	+ 0.8	.. ....	...	+ 0.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	32 H. Cephei	6	21 29.37	− 2.54	− 9.27	46 37 59.38	45.709	−12.82	+1 0.4	22 21 17.56	−20.70	+85 37 58.9	− 8.4
2	λ Pegasi	9	42 9.89	− 0.42	− **9.28**	344 3 56.78	49.819	−12.82	− 16.2	22 42 0.20	.....	+23 4 14.0	....
3	λ Aquarii	8	47 51.98	− 0.50	− **9.25**	312 57 55.85	43.955	−12.82	−1 1.0	22 47 42.21	.....	− 8 4 45.6	....
4	c¹ Aquarii	9	1 47.34	− 0.61	− 9.27	296 47 55.00	45.505	−12.82	−1 52.1	23 1 37.46	− 2.62	−24 15 2.1	−20.3
5	γ Piscium	9	12 26.91	− 0.46	− **9.31**	323 47 55.35	45.428	−12.82	− 41.7	23 12 17.18	.....	+ 2 46 6.8	....
6	39 H. Cephei	9	28 29.67	− 3.42	− 9.27	47 48 1.05	43.120	−12.82	+1 3.0	23 28 16.98	.....	+86 47 4.5	....
7	ω Piscium	9	54 38.28	− 0.45	− **9.27**	327 21 54.35	46.358	−12.82	− 36.5	23 54 28.56	.....	+ 6 20 32.3	....
8	2 Ceti	9	59 4.68	− 0.56	− **9.28**	303 9 53.40	48.475	−12.82	−1 27.0	23 58 54.85	.....	−17 51 30.7	....
9	Moon II, N.	9	53 50.88	− 0.47	− 9.27	322 27 56.32	48.617	−12.82	− 43.8	0 53 41.14	−61.17	+ 1 27 18.5	....
10	Venus II, C.	9	3 41.72	− 0.41	− 9.26	342 11 59.02	51.918	−13.68	− 17.9	7 3 32.05	− 0.58	+21 11 26.5	....
	August 19, Hl.												
11	b Ophiuchi	9	20 46.32	− 0.62	− 9.24	296 57 55.18	44.942	−12.53	−1 48.9	17 20 36.46	.....	−24 5 11.3	....
12	β Draconis	9	28 28.46	− 0.57	− 9.24	13 23 58.72	44.452	−12.53	+ 13.4	17 28 18.65	.....	+52 22 43.0	....
13	ω Draconis	9	37 41.81	− 0.82	− 9.24	29 47 59.82	48.495	−12.53	+ 32.1	17 37 31.75	.....	+68 48 35.1	....
14	168 H¹. Herculis	9	49 10.81	− 0.51	− 9.24	1 1 58.38	44.575	−12.53	+ 1.1	17 49 1.06	− 1.84	+40 0 33.4	−22.9
15	Uranus C, C.	9	1 59.87	− 0.61	− 9.24	297 19 55.35	46.066	−12.53	−1 47.6	18 1 50.02	.....	−23 42 44.1	....
16	36 Draconis	9	13 32.99	− 0.71	− 9.24	25 21 59.95	48.088	−12.53	+ 26.6	18 13 23.04	− 2.09	+64 22 20.5	−24.7
17	109 Herculis	9	19 50.81	− 0.47	− **9.19**	342 43 56.35	49.092	−12.53	− 17.3	18 19 41.10	.....	+21 43 56.2	....
18	3 H. Scuti	9	30 14.45	− 0.52	− **9.22**	312 41 56.25	50.132	−12.53	−1 0.5	18 30 4.69	.....	− 8 18 23.2	....
19	4 H. Scuti	9	37 16.59	− 0.52	− **9.18**	311 53 55.65	45.048	−12.53	−1 2.3	18 37 6.83	.....	− 9 8 21.8	....
20	ζ Aquilæ	6	1 14.76	− 0.47	− **9.26**	334 44	......	.....	. ....	19 1 5.06	.....	+13 43	....
21	d Sagittarii	5	12 17.27	− 0.57	− **9.33**	301 54	......	.....	. ....	19 12 7.47	.....	−19 7	....
22	μ Aquilæ	9	29 39.18	− 0.47	− **9.21**	328 11 55.25	47.328	−12.53	− 34.7	19 29 29.48	.....	+ 7 10 57.4	....
23	β Sagittæ	9	36 59.17	− 0.46	− **9.25**	338 15 57.28	48.680	−12.53	− 22.3	19 36 49.48	.....	+17 15 42.8	....
	August 19, Br.												
24	Saturn I, C.	7	9 58.91	− 0.52	− 9.22	307 55 55.10	49.162	−12.03	−1 12.2	22 9 49.17	+ 0.61	−13 6 32.9	....
25	Saturn II.	7	10 0.14	− 0.52	− 9.22	... .	......	.....	. ....	22 9 50.40	− 0.62	.. ..	....
	August 21, M.												
26	ξ Serpentis	9	32 20.59	− 0.52	− **9.01**	305 41 50.65	46.205	−10.98	−1 16.3	17 32 11.10	.....	−15 20 12.8	....
27	ω Draconis	9	37 41.57	− 0.89	− 8.97	29 47 56.35	48.560	−10.98	+ 31.6	17 37 31.71	.....	+68 48 34.2	....
28	ψ¹ Draconis	9	43 48.92	− 1.02	− 8.97	33 11 56.52	47.355	−10.98	+ 36.1	17 43 38.93	.....	+72 12 11.6	....
29	168 H¹. Herculis	9	49 10.52	− 0.53	− 8.97	1 1 55.10	44.672	−10.98	+ 1.0	17 49 1.02	− 1.80	+40 0 33.7	−23.2
30	35 Draconis	9	53 54.07	− 1.31	− 8.97	37 59 57.85	43.865	−10.98	+ 43.1	17 53 43.79	.....	+76 59 0.1	....
31	70 Ophiuchi (*brighter*)	9	0 50.91	− 0.48	− 8.97	323 33 53.95	43.880	−10.98	− 40.6	18 0 41.46	.....	+ 2 31 33.0	....
32	ο Herculis	9	4 1.67	− 0.50	− **8.98**	349 45 54.18	47.165	−10.98	− 9.9	18 3 52.20	.....	+28 45 18.9	....
33	μ Sagittarii	9	8 17.02	− 0.54	− 8.97	299 57 52.25	45.190	−10.98	−1 35.2	18 8 7.51	.....	−21 4 53.3	....
34	36 Draconis	9	13 32.74	− 0.77	− 8.97	25 23 55.80	42.978	−10.98	+ 26.3	18 13 23.00	− 2.01	+64 22 21.1	−25.1
35	ε Sagittarii	9	18 4.47	− 0.62	− 8.97	286 37 51.28	46.812	−10.98	−3 1.6	18 17 54.88	.....	−34 25 43.5	....
36	b Draconis	9	22 43.11	− 0.67	− 8.97	19 45 56.28	45.400	−10.98	+ 19.9	18 22 33.47	.....	+58 45 10.3	....
37	3 H. Scuti	9	30 14.16	− 0.50	− **8.97**	312 43 54.35	44.815	−10.98	− 59.6	18 30 4.69	.....	− 8 18 24.2	....
38	α Lyræ	9	33 54.97	− 0.52	− 8.97	359 41 53.90	48.828	−10.98	− 0.2	18 33 45.48	.....	+38 42 6.3	....
39	4 H. Scuti	9	37 16.28	− 0.50	− **8.91**	311 53 52.90	44.995	−10.98	−1 1.4	18 37 6.81	.....	− 9 8 23.3	....
40	110 Herculis	9	41 46.10	− 0.48	− **9.00**	341 29 53.70	43.190	−10.98	− 18.4	18 41 36.65	.....	+20 27 39.1	....
41	50 Draconis	9	49 39.92	− 1.19	− 8.97	36 19 57.08	46.008	−10.98	+ 40.7	18 49 29.76	.....	+75 19 45.9	....
42	ε Aquilæ	9	55 30.41	− 0.48	− **8.94**	335 57 52.98	46.195	−10.98	− 24.6	18 55 20.97	.....	+14 56 40.9	....
43	ι Lyræ	9	4 6.56	− 0.51	− 8.96	356 57 55.08	47.180	−10.98	− 2.9	19 3 57.09	.....	+35 57 27.1	....
44	ψ Sagittarii	9	9 55.35	− 0.56	− 8.96	295 37 51.15	45.618	−10.98	−1 54.4	19 9 45.83	.....	−25 25 3.8	....
45	κ Cygni	8	15 6.66	− 0.61	− 8.96	14 11 55.80	47.875	−10.98	+ 14.1	19 14 57.09	.....	+53 12 0.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 22 31	......	.....	59.0
22 53	......	.....	58.9
23 7	......	.....	58.3
23 49	......	.....	57.6
0 8	29.95	58.3	56.8
1 4	29.93	58.1	56.2
7 4	29.93	67.9	65.9
19 17 25	29.82	68.5	67.0
17 34	......	.....	66.8
17 44	......	.....	66.4
17 56	......	.....	65.6
18 23	......	.....	64.9
18 41	......	.....	64.8
19 3	29.84	65.7	64.7
19 33	......	.....	64.0
19 45	29.84	64.9	63.9
22 10	29.81	62.7	61.1
21 17 29	29.89	76.5	75.2
17 58	......	.....	74.2
18 41	29.91	74.6	73.3
19 7	......	.....	72.9
19 17	......	.....	72.8

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at b_1, b_2, b_8, b_9.
2, 10, 15, 24, 35. Bisections at I, II, VI, VII.
3, 12, 19. Bisections at VI, VII.
6. Bisections at b_1, b_5, b_6.
9. Bisections at II, III, IV, V, VI.
10, 24. Z. D. threads C used.
28, 30, 34, 41. Bisections at III, V.

Notes.

1. Poor.
19. Faint.
19–21. Clouds.
31. Assumed that brighter was observed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+32 48.7	−14 48.5	...	+18 0.2
10	+ 2.5	.. ....	0.0	+ 2.5
15	+ 0.4	.. ....	...	+ 0.4
24	+ 0.8	.. ....	...	+ 0.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	b Aquilæ	9	20 38.36	− 0.47	− 8.96	332 45 52.72	46.670	−10.98	− 28.4	19 20 28.93	.....	+11 44 47.7	....
2	ι Cygni	9	27 30.83	− 0.60	− 8.96	12 31 54.08	48.138	−10.98	+ 12.4	19 27 21.27	.....	+51 32 3.3	....
3	κ Aquilæ	9	31 58.96	− 0.50	− **8.93**	313 47 51.85	45.740	−10.98	− 57.5	19 31 49.50	.....	− 7 14 3.4	....
	August 21, Br.												
4	ε Andromedæ	9	33 44.43	− 0.45	− **9.07**	349 49 54.28	43.472	−11.14	− 9.9	0 33 34.91	.....	+28 47 54.5	....
5	β Ceti	9	39 1.17	− 0.51	− **9.06**	302 31 51.02	46.805	−11.14	−1 26.8	0 38 51.59	.....	−18 30 9.4	....
6	20 Ceti	9	48 21.12	− 0.45	− **9.17**	319 21 53.12	47.130	−11.14	− 47.6	0 48 11.60	.....	− 1 39 20.7	....
7	72 Piscium	8	0 16.46	− 0.44	− 9.07	335 27 52.85	45.218	−11.14	− 25.3	1 0 6.95	− 2.53	+14 26 17.6	−10.4
8	g Piscium	9	6 4.63	− 0.45	− 9.07	351 57 55.30	41.690	−11.14	− 7.8	1 5 55.11	− 2.85	+30 55 16.8	− 5.4
9	ζ^1 Piscium	9	8 57.94	− 0.44	− **9.06**	328 5 52.52	46.420	−11.14	− 34.5	1 8 48.43	.....	+ 7 4 35.6	....
10	υ Piscium	9	14 26.82	− 0.45	− **9.09**	347 47 54.05	43.822	−11.14	− 12.0	1 14 17.30	.....	+26 46 0.2	....
11	μ Piscium	9	25 24.18	− 0.44	− 9.07	326 41 52.30	43.500	−11.14	− 36.5	1 25 14.67	− 2.30	+ 5 39 26.6	−11.5
12	π Piscium	9	32 15.55	− 0.44	− **9.10**	332 39 52.60	48.588	−11.14	− 28.7	1 32 6.04	.....	+11 39 31.0	....
13	ο Piscium	9	40 34.29	− 0.44	− **9.01**	329 41 52.45	47.310	−11.14	− 32.4	1 40 24.78	.....	+ 8 40 57.9	....
14	λ Arietis	9	52 49.89	− 0.44	− 9.07	344 9 53.95	44.188	−11.14	− 15.8	1 52 40.38	− 2.47	+23 8 4.6	− 4.5
15	γ Andromedæ	9	58 16.37	− 0.49	− 9.07	2 53 55.60	44.310	−11.14	+ 2.9	1 58 6.81	.....	+41 52 27.8	....
16	β Trianguli	9	4 5.46	− 0.46	− 9.07	355 33 54.50	44.275	−11.14	− 4.3	2 3 55.93	.....	+34 32 18.7	....
17	6 Persei	9	7 29.81	− 0.54	− 9.07	11 37 55.62	46.512	−11.14	+ 11.5	2 7 20.20	− 3.28	+50 37 26.7	+ 5.0
18	67 Ceti	9	12 26.16	− 0.46	− **9.12**	314 9 52.78	47.518	−11.14	− 57.1	2 12 16.63	.....	− 6 51 21.6	....
19	κ Fornacis	9	18 22.98	− 0.54	− 9.07	296 47 51.30	46.632	−11.14	−1 49.5	2 18 13.37	.....	−24 14 35.7	....
20	ξ^2 Ceti	9	23 17.92	− 0.44	− **9.02**	329 3 52.05	45.390	−11.14	− 33.3	2 23 8.41	.....	+ 8 2 12.8	....
21	142 H^1. Cephei	9	34 22.67	− 1.71	− 9.07	42 3 57.08	42.527	−11.14	+ 50.4	2 34 11.89	− 9.13	+81 2 35.9	+14.3
22	41 Arietis	9	44 35.15	− 0.45	− **9.04**	347 53 53.95	44.275	−11.14	− 11.9	2 44 25.63	.....	+26 52 10.5	....
23	Moon II, N	9	15 8.92	− 0.45	− 9.07	333 27 53.10	47.389	−11.14	− 27.8	3 14 59.40	−62.97	+12 27 4.9	....
24	Venus II, C	9	18 18.67	− 0.46	− 9.05	341 59 54.70	47.599	−11.18	− 17.8	7 18 9.16	− 0.57	+20 57 46.1	....
	August 22, Br.												
25	Sun I, N	9	3 14.76	− 0.50	− 9.05	333 9 53.70	42.875	−11.19	− 27.4	10 3 5.21	+64.94	+12 7 22.5	....
26	Sun II, S	9	5 24.64	− 0.50	− 9.05	332 37 53.50	43.678	−11.19	− 28.0	10 5 15.09	−64.94	+11 35 40.6	....
27	ο Herculis	9	4 1.69	− 0.50	− **9.02**	349 45 53.40	47.298	−12.45	− 9.8	18 3 52.17	.....	+28 45 19.8	....
28	μ Sagittarii	9	8 17.03	− 0.52	− 9.02	299 57 51.22	45.250	−12.46	−1 34.4	18 8 7.49	.....	−21 4 53.6	....
29	36 Draconis	9	13 32.87	− 0.81	− 9.02	25 23 54.65	43.135	−12.48	+ 26.1	18 13 23.04	− 1.97	+64 22 21.8	−25.3
30	ε Sagittarii	9	18 4.46	− 0.59	− 9.02	286 37 50.02	46.902	−12.49	−3 0.3	18 17 54.85	.....	−34 25 42.9	....
31	b Draconis	9	22 43.21	− 0.70	− 9.02	19 45 54.70	45.602	−12.51	+ 19.8	18 22 33.49	.....	+58 45 11.9	....
32	3 H. Scuti	9	30 14.16	− 0.49	− **8.99**	312 43 51.80	44.998	−12.53	− 59.2	18 30 4.65	.....	− 8 18 23.7	....
33	α Lyræ	9	33 55.03	− 0.53	− 9.02	359 43 53.48	43.722	−12.54	− 0.2	18 33 45.48	.....	+38 42 7.7	....
34	4 H. Scuti	6	37 16.38	− 0.49	− **9.03**	311 53 52.12	45.128	−12.55	−1 1.0	18 37 6.87	.....	− 9 8 22.2	....
35	110 Herculis	9	41 46.12	− 0.48	− **9.03**	341 29 53.02	43.360	−12.57	− 18.3	18 41 36.62	.....	+20 27 40.8	....
36	50 Draconis	.	.. ..	....	....	36 19 54.28	46.208	−12.59	+ 40.5	18 49	.....	+75 19 45.9	....
37	ε Aquilæ	9	55 30.47	− 0.47	− **9.03**	335 57 51.50	46.340	−12.61	− 24.4	18 55 20.98	.....	+14 56 41.3	....
38	ι Lyræ	9	4 6.63	− 0.52	− 9.02	356 57 54.40	47.318	−12.64	− 2.9	19 3 57.09	.....	+35 57 28.0	....
39	ψ Sagittarii	9	9 55.43	− 0.55	− 9.02	295 37 50.70	45.630	−12.65	−1 53.6	19 9 45.86	.....	−25 25 4.8	....
40	κ Cygni	9	15 6.72	− 0.62	− 9.02	14 13 54.72	42.775	−12.67	+ 14.0	19 14 57.08	.....	+53 12 1.4	....
41	b Aquilæ	9	20 38.39	− 0.47	− 9.02	332 45 51.30	46.830	−12.69	− 28.2	19 20 28.90	.....	+11 44 48.5	....
42	ι Cygni	9	27 31.05	− 0.60	− 9.02	12 31 54.72	48.232	−12.71	+ 12.3	19 27 21.43	.....	+51 32 4.4	....
43	κ Aquilæ	9	31 58.98	− 0.49	− **8.97**	313 47 50.85	45.848	−12.72	− 57.1	19 31 49.47	.....	− 7 14 3.3	....
44	β Sagittæ	9	36 58.94	− 0.47	− **9.03**	338 15 53.08	48.845	−12.74	− 21.8	19 36 49.45	.....	+17 15 42.6	....
45	δ Cygni	9	42 12.61	− 0.55	− 9.02	5 55 54.88	44.015	−12.75	+ 5.8	19 42 3.04	.....	+44 54 21.6	....
46	166 B. Camelopardalis s. p.	9	48 57.21	+ 0.76	− 9.02	66 47 56.20	48.228	−12.78	+2 8.0	7 48 48.95	.....	+74 9 58.5	....
47	γ Sagittæ	9	54 44.05	− 0.47	− **9.05**	340 13 53.60	50.555	−12.79	− 19.7	19 54 34.56	.....	+19 14 24.2	....
48	173 B. Camelopardalis s. p.	9	7 43.57	+ 0.87	− 9.02	64 55 55.48	47.307	−12.83	+1 57.4	8 7 35.42	.....	+76 2 30.9	....
	August 22, Hl.												
49	Moon II	9	4 57.36	− 0.49	− 9.01	336 2	......	.....	. ....	4 4 47.86	−64.30	.. ..	....
50	Venus II, C	9	23 11.41	− 0.50	− 8.99	341 53 53.02	48.636	−13.54	− 17.9	7 23 1.92	− 0.57	+20 52 5.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 19 34	29.91	73.5	72.2
0 25	29.88	70.8	69.1
1 0	......	....	69.1
1 16	29.88	70.5	69.2
1 32	......	....	69.1
2 12	......	....	68.9
2 23	29.88	69.8	68.7
2 45	......	....	68.1
3 16	29.90	69.1	68.0
7 18	29.93	76.7	76.1
22 10 5	29.95	83.6	83.0
18 0	29.88	78.7	78.0
18 23	29.89	77.9	77.1
18 42	......	....	76.5
19 10	......	....	76.1
20 11	29.88	76.1	75.1
7 23	29.93	79.0	77.6

Micrometer bisections are made at II, VI, except as noted below.

6.	Bisection at II.
8, 25, 27, 30.	Bisections at I, II.
15, 16, 17, 29, 31, 42, 45.	Bisections at III, V.
18, 26, 34, 35.	Bisections at VI, VII.
21, 46, 48.	Bisections at III, IV, V.
23.	Bisections at II, III, IV, V, VI.
24, 50.	Z. D. threads C used.
24, 50.	Bisections at I, II, VI, VII.
36.	Bisections at b_3, b_9.
40.	Bisections at IV, V.

Notes.

4–23. Fog.
6, 8, 9, 17. Faint.
39. Circle reading decreased 20′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+24 4.2	−14 51.6	...	+ 9 12.6
24	+ 2.5	.. ....	0.0	+ 2.5
25	+ 3.9	−15 50.9	...	−15 47.0
26	+ 4.0	+15 50.9	...	+15 54.9
50	+ 2.5	.. ....	0.0	+ 2.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	August 23, Hl.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N.	9	6 56.02	− 0.47	− 8.99	332 47 52.50	47.630	−13.50	− 27.7	10 6 46.56	+64.84	+11 47 7.3	....
2	Sun II, S.	9	9 5.71	− 0.47	− 8.99	332 15 52.78	48.595	−13.50	− 28.3	10 8 56.25	−64.85	+11 15 29.6	....
3	σ Sagittarii	9	49 34.88	− 0.55	− 8.97	294 37 52.05	46.698	−12.72	−1 58.4	18 49 25.36	.....	−26 24 43.9	....
4	51 H. Cephei s. p.	6	56 8.03	+ 5.86	− 8.97	53 47 55.98	46.490	−12.72	+1 14.9	6 56 4.92	.....	+87 11 31.4	....
5	λ Ursæ Minoris	7	17 43.71	−17.20	− 8.97	49 59 56.10	46.307	−12.72	+1 5.4	19 17 17.54	.....	+89 0 14.7	....
6	γ Aquilæ	9	41 56.62	− 0.48	− 8.99	331 23 51.88	48.052	−12.72	− 29.8	19 41 47.17	.....	+10 23 15.3	....
7	β Aquilæ	9	50 50.89	− 0.48	− 8.99	327 11 51.02	46.325	−12.72	− 35.3	19 50 41.44	.....	+ 6 10 29.5	....
8	τ Aquilæ	9	59 41.96	− 0.48	− 8.89	328 1 51.10	47.395	−12.72	− 34.2	19 59 32.51	.....	+ 7 0 55.1	....
9	κ Cephei	9	12 21.99	− 1.52	− 8.97	38 25 55.38	46.508	−12.72	+ 43.7	20 12 11.50	.....	+77 25 56.0	....
10	41 Cygni	6	25 43.12	− 0.52	− 8.97	351 3 53.72	47.625	−12.72	− 8.6	20 25 33.63	− 2.75	+30 3 28.5	−21.7
11	212 H¹. Draconis	9	30 40.21	− 1.13	− 8.97	33 11 54.38	49.580	−12.72	+ 36.1	20 30 30.11	.....	+72 12 58.2	....
12	ε Aquarii	8	42 44.38	− 0.50	− **9.03**	311 11 51.22	45.410	−12.72	−1 2.6	20 42 34.91	.....	− 9 50 18.5	....
13	32 Vulpeculæ	9	50 42.93	− 0.51	− **8.91**	348 41 53.40	49.505	−12.72	− 10.9	20 50 33.45	.....	+27 42 8.9	....
14	γ Microscopii	8	55 40.58	− 0.59	− 8.97	288 25 51.08	46.680	−12.72	−2 42.7	20 55 31.02	.....	−32 37 29.6	....
15	ν Aquarii	9	4 37.54	− 0.50	− **9.02**	309 15 51.60	48.850	−12.72	−1 7.0	21 4 28.07	.....	−11 45 3.9	....
	August 23, M.												
16	Saturn I, C.	5	8 49.55	− 0.50	− 8.84	307 49 49.62	47.604	−12.92	−1 10.7	22 8 40.21	+ 0.59	−13 13 13.4	....
17	Saturn II.	5	8 50.72	− 0.50	− 8.84	... .	......	.....	. ....	22 8 41.38	− 0.58	.. ..	....
18	λ Pegasi	9	42 9.58	− 0.49	− 8.85	344 5 52.20	44.732	−12.92	− 15.6	22 42 0.26	.....	+23 4 13.7	....
19	λ Aquarii	9	47 51.61	− 0.49	− 8.83	312 57 52.15	43.980	−12.92	− 59.0	22 47 42.29	.....	− 8 4 46.8	....
20	6 H¹. Draconis s. p.	9	52 23.95	+ 1.32	− 8.83	62 41 55.25	47.477	−12.92	+1 46.6	10 52 16.44	.....	+78 16 38.1	....
21	c¹ Aquarii	9	1 46.87	− 0.54	− 8.83	296 47 50.78	45.445	−12.92	−1 48.4	23 1 37.50	− 2.69	−24 15 4.1	−20.2
22	γ Piscium	9	12 26.51	− 0.48	− 8.82	323 47 50.32	45.545	−12.92	− 40.2	23 12 17.20	.....	+ 2 46 5.9	....
23	11 G. Sculptoris	9	16 24.00	− 0.55	− 8.83	293 33 50.55	43.532	−12.92	−2 5.3	23 16 14.62	− 2.65	−27 30 4.9	−20.4
24	υ Pegasi	9	20 50.48	− 0.49	− 8.82	343 53 52.08	47.120	−12.92	− 15.8	23 20 41.16	.....	+22 53 8.0	....
25	70 Pegasi	9	24 33.07	− 0.48	− 8.83	333 15 50.05	45.992	−12.92	− 27.7	23 24 23.76	.....	+12 14 28.3	....
26	15 Andromedæ	9	30 11.29	− 0.56	− 8.83	0 43 53.05	45.900	−12.92	+ 0.8	23 30 1.90	− 3.37	+39 42 57.6	−11.1
27	ι Andromedæ	9	33 41.32	− 0.57	− 8.83	3 45 53.05	45.185	−12.92	+ 3.7	23 33 31.92	.....	+42 44 44.2	....
28	λ Piscium	9	37 23.90	− 0.48	− 8.83	322 17 51.92	44.600	−12.92	− 42.5	23 37 14.59	− 2.66	+ 1 15 43.6	−17.3
29	41 H. Cephei	9	43 37.02	− 0.93	− 8.83	28 17 54.65	44.248	−12.92	+ 29.7	23 43 27.26	.....	+67 16 50.4	....
30	ρ Cassiopeiæ	9	49 51.77	− 0.70	− 8.83	17 59 53.08	43.605	−12.92	+ 18.0	23 49 42.24	− 4.30	+56 58 22.5	− 6.1
31	ω Piscium	9	54 37.99	− 0.48	− 8.86	327 21 49.35	46.430	−12.92	− 35.2	23 54 28.68	.....	+ 6 20 30.1	....
32	14 H¹. Dracouis s. p.	9	0 27.78	+ 1.23	− 8.83	63 33 56.02	43.125	−12.92	+1 50.6	12 0 20.18	+ 5.83	+77 26 12.3	− 1.7
33	α Andromedæ	7	3 40.90	− 0.51	− **8.85**	349 35 52.35	44.285	−12.92	− 10.1	0 3 31.56	.....	+28 34 9.1	....
34	6 B. Ursæ Minoris s. p.	9	13 34.00	+ 9.59	− 8.83	52 45 55.00	46.456	−12.92	+1 12.6	12 13 34.76	.....	+88 13 34.9	....
35	44 Piscium	9	20 43.74	− 0.48	− **8.76**	322 25 50.58	48.260	−12.92	− 42.3	0 20 34.43	.....	+ 1 25 6.1	....
36	κ Cassiopeiæ	9	27 49.92	− 0.80	− 8.83	23 25 54.60	43.635	−12.92	+ 24.0	0 27 40.29	− 4.80	+62 24 30.7	− 1.4
37	ε Andromedæ	9	33 44.29	− 0.51	− **8.83**	349 49 51.60	43.685	−12.92	− 9.8	0 33 34.95	.....	+28 47 55.0	....
38	73 G. Ceti	9	40 14.04	− 0.53	− 8.83	298 31 48.20	44.422	−12.92	−1 40.9	0 40 4.68	− 2.28	−22 31 22.5	−19.7
39	59 H¹. Cassiopeiæ	9	45 11.68	− 0.83	− 8.83	24 43 53.35	47.148	−12.92	+ 25.5	0 45 2.02	− 4.91	+63 43 51.2	+ 0.6
40	43 H. Cephei	9	56 13.94	− 4.22	− 8.83	46 45 55.62	42.857	−12.92	+ 58.7	0 56 0.89	.....	+85 44 48.3	....
	August 24, M.												
41	Sun I, N.	9	10 36.89	− 0.46	− 8.83	332 27 51.32	46.650	−13.55	− 28.0	10 10 27.60	+64.72	+11 26 43.4	....
42	Sun II, S.	9	12 46.33	− 0.46	− 8.83	331 55 52.60	47.500	−13.55	− 28.6	10 12 37.04	−64.72	+10 55 4.1	....
	August 25, Hl.												
43	Venus II, C.	9	37 51.02	− 0.40	− 8.81	341 31 55.35	52.750	−14.52	− 18.5	7 37 41.81	− 0.56	+20 31 40.4	....
	August 26, Hl.												
44	Sun I, S.	9	17 57.52	− 0.40	− 8.80	331 13 53.68	49.312	−14.40	− 30.2	10 17 48.32	+64.66	+10 13 43.5	....
45	Sun II, N.	9	20 6.83	− 0.40	− 8.80	331 45 54.30	48.415	−14.40	− 29.6	10 19 57.63	−64.65	+10 45 24.8	....
46	α Lyræ	9	33 54.62	− 0.46	− 8.81	359 43 55.88	43.720	−13.93	− 0.2	18 33 45.35	.....	+38 42 8.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 10 9	29.91	84.9	84.7
18 41	29.895	79.0	78.0
19 3	....	....	77.3
19 27	....	....	77.0
19 48	....	....	76.4
19 56	....	....	76.3
20 19	....	....	75.8
20 46	....	....	75.2
21 12	29.88	76.4	75.2
22 9	29.89	75.9	74.9
22 58	....	....	74.1
23 29	29.86	74.9	74.0
0 24	....	....	73.3
1 14	29.85	73.8	73.0
24 10 13	29.88	86.0	86.0
25 7 38	29.86	70.4	68.0
26 10 20	29.85	73.0	72.2
18 24	29.85	68.6	67.9

Micrometer bisections are made at II, VI, except as noted below.

1, 41, 44.	Bisections at I, II.
2, 33, 42, 45.	Bisections at VI, VII.
4.	Bisections at b_3, b_5, b_7.
5.	Bisections at b_4, b_5, b_6.
9, 16, 43.	Bisections at I, II, VI, VII.
16, 43.	Z. D. threads C used.
20.	Bisections at III, IV, V.
29, 30, 32, 36, 39.	Bisections at III, V.
34, 40.	Bisections at b_1, b_2, b_5, b_8, b_9.

Notes.

3, 16, 17.	Clouds.
32.	Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 3.9	−15 48.8	...	−15 44.9
2	+ 4.0	+15 48.8	...	+15 52.8
16	+ 0.8	.. ....	...	+ 0.8
41	+ 4.0	−15 49.6	...	−15 45.6
42	+ 4.1	+15 49.6	...	+15 53.7
43	+ 2.5	.. ....	0.0	+ 2.5
44	+ 4.1	+15 50.6	...	+15 54.7
45	+ 4.1	−15 50.7	...	−15 46.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	110 Herculis	9	41 45.81	− 0.43	− **8.83**	341 29 55.22	43.355	−13.93	− 18.6	18 41 36.57	.....	+20 27 41.3	....
2	50 Draconis	9	49 39.33	− 1.00	− 8.81	36 19 57.28	46.160	−13.93	+ 41.1	18 49 29.52	.....	+75 19 46.6	....
3	ε Aquilæ	9	55 30.13	− 0.43	− **8.77**	335 57 54.12	46.335	−13.93	− 24.8	18 55 20.89	.....	+14 56 42.1	....
4	ι Lyræ	9	4 6.17	− 0.44	− 8.81	356 57 56.58	47.342	−13.93	− 2.9	19 3 56.92	.....	+35 57 29.4	....
5	ψ Sagittarii	.	.. ..	.....	....	295 37 52.65	45.780	−13.93	−1 55.4	19 10	.....	−25 25 2.5	....
6	*b* Aquilæ	9	20 38.08	− 0.43	− 8.81	332 45 53.45	46.852	−13.93	− 28.6	19 20 28.84	.....	+11 44 49.5	....
7	κ Aquilæ	9	31 58.73	− 0.47	− **8.77**	313 47 53.20	45.855	−13.93	− 58.0	19 31 49.45	.....	− 7 14 2.9	....
8	β Sagittæ	9	36 58.64	− 0.42	− **8.82**	338 15 55.40	48.872	−13.93	− 22.2	19 36 49.41	.....	+17 15 43.9	....
9	166 B. Camelopardalis s. p.	9	48 57.08	+ 0.70	− 8.81	66 47 57.48	48.052	−13.93	+2 10.0	7 48 48.97	.....	+74 9 59.6	....
10	τ Aquilæ	8	59 41.75	− 0.43	− **8.75**	328 1 53.25	47.362	−13.93	− 34.8	19 59 32.51	.....	+ 7 0 54.7	....
11	66 Aquilæ	9	8 31.51	− 0.44	− 8.81	319 43 53.90	47.239	−13.93	− 47.2	20 8 22.26	− 2.64	− 1 17 19.8	−18.9
12	π Capricorni	9	22 5.31	− 0.50	− **8.91**	302 31 52.90	44.356	−13.93	−1 27.4	20 21 56.00	.....	−18 31 6.8	....
13	ζ Delphini	9	31 3.87	− 0.41	− 8.80	335 21 54.42	47.565	−13.93	− 25.6	20 30 54.66	− 2.67	+14 21 9.7	−21.1
14	δ Delphini	9	39 13.36	− 0.41	− 8.80	335 45 54.42	45.532	−13.93	− 25.1	20 39 4.15	− 2.70	+14 44 23.8	−21.1
15	Saturn I, C	5	7 57.37	− 0.46	− 8.80	307 43 53.62	50.408	−14.50	−1 12.3	22 7 48.11	+ 0.73	−13 18 8.5	....
16	Saturn II	5	7 58.82	− 0.46	− 8.80	... .	......	.....	. ....	22 7 49.56	− 0.72	.. ..	....
	August 28, Br.												
17	*g* Piscium	9	6 4.34	− 0.40	− 8.68	351 57 57.50	41.862	−15.10	− 8.0	1 5 55.26	− 3.02	+30 55 18.8	− 7.1
18	ζ¹ Piscium	8	8 57.59	− 0.41	− **8.60**	328 5 55.28	46.582	−15.10	− 35.2	1 8 48.50	.....	+ 7 4 37.3	....
19	υ Piscium	9	14 26.49	− 0.40	− **8.65**	347 47 56.90	43.975	−15.10	− 12.2	1 14 17.41	.....	+26 46 2.3	....
20	μ Piscium	9	25 23.93	− 0.42	− 8.68	326 41 54.85	43.672	−15.10	− 37.3	1 25 14.83	− 2.46	+ 5 39 28.3	−12.6
21	π Piscium	9	32 15.27	− 0.40	− **8.70**	332 39 56.02	48.710	−15.10	− 29.3	1 32 6.19	.....	+11 39 32.6	....
22	ο Piscium	9	40 34.06	− 0.41	− **8.65**	329 41 56.10	47.410	−15.10	− 33.1	1 40 24.97	.....	+ 8 40 59.2	....
23	γ Arietis (*south*)	9	48 30.56	− 0.40	− 8.68	339 51 58.00	43.748	−15.10	− 20.8	1 48 21.48	− 2.58	+18 49 49.7	− 7.5
24	λ Arietis	9	52 49.64	− 0.40	− 8.68	344 9 57.50	44.280	−15.10	− 16.1	1 52 40.56	− 2.66	+23 8 6.0	− 5.9
25	γ Andromedæ	9	58 16.18	− 0.42	− 8.68	2 53 59.15	44.375	−15.10	+ 2.9	1 58 7.08	.....	+41 52 28.9	....
26	β Trianguli	9	4 5.26	− 0.40	− 8.68	355 33 57.40	44.380	−15.10	− 4.4	2 3 56.18	.....	+34 32 19.8	....
27	6 Persei	9	7 29.67	− 0.45	− 8.68	11 37 58.65	46.590	−15.10	+ 11.8	2 7 20.54	− 3.54	+50 37 27.9	+ 3.4
28	67 Ceti	9	12 25.95	− 0.45	− **8.75**	314 9 55.52	47.655	−15.10	− 58.3	2 12 16.82	.....	− 6 51 20.9	....
29	ξ² Ceti	9	23 17.77	− 0.41	− **8.71**	329 3 55.90	45.450	−15.10	− 34.0	2 23 8.68	.....	+ 8 2 13.3	....
30	142 H¹. Cephei	9	34 23.09	− 1.44	− 8.67	42 3 59.62	42.585	−15.10	+ 51.4	2 34 12.98	−10.15	+81 2 36.7	+12.8
31	35 Arietis	9	38 4.08	− 0.40	− 8.67	348 19 57.95	44.402	−15.10	− 11.7	2 37 55.01	− 2.53	+27 18 13.6	− 1.5
32	41 Arietis	9	44 34.95	− 0.40	− **8.68**	347 53 57.50	44.330	−15.10	− 12.1	2 44 25.88	.....	+26 52 11.2	....
33	τ Persei	8	47 43.58	− 0.46	− 8.67	13 23 58.15	43.600	−15.10	+ 13.6	2 47 34.45	.....	+52 22 20.9	....
34	λ Ceti	9	54 48.53	− 0.41	− 8.67	329 33 56.20	44.450	−15.10	− 33.3	2 54 39.45	− 2.09	+ 8 31 51.5	− 6.7
35	94 Ceti	9	8 6.48	− 0.44	− 8.67	319 27 55.42	48.410	−15.10	− 48.4	3 7 57.37	− 1.87	− 1 32 53.9	− 9.2
36	ζ Eridani	9	11 23.99	− 0.46	− 8.67	311 51 55.18	45.768	−15.10	−1 3.2	3 11 14.86	− 1.74	− 9 10 9.3	−11.3
	August 29, Br.												
37	Sun I, S	9	28 55.62	− 0.47	− 8.62	330 11 58.90	45.745	−15.78	− 31.2	10 28 46.53	+64.52	+ 9 10 24.9	....
38	Sun II, N	9	31 4.66	− 0.47	− 8.62	330 43 57.20	45.055	−15.78	− 30.5	10 30 55.57	−64.52	+ 9 42 8.7	....
39	4 H. Scuti	9	37 15.77	− 0.52	− **8.48**	311 53 54.95	45.088	−14.93	−1 1.5	18 37 6.68	.....	− 9 8 23.2	....
40	110 Herculis	9	41 45.54	− 0.47	− **8.57**	341 27 56.68	48.512	−14.93	− 18.5	18 41 36.50	.....	+20 27 39.7	....
41	σ Sagittarii	7	49 34.42	− 0.60	− 8.57	294 37 54.65	46.730	−14.93	−1 59.8	18 49 25.25	.....	−26 24 44.2	....
42	51 H. Cephei s. p.	9	56 11.67	+ 4.93	− 8.57	53 47 59.00	46.446	−14.93	+1 15.7	6 56 8.03	.....	+87 11 30.6	....
43	π Sagittarii	7	4 18.73	− 0.57	− 8.57	299 51 54.85	46.810	−14.93	−1 35.9	19 4 9.59	.....	−21 10 18.3	....
44	λ Ursæ Minoris	7	17 37.73	−14.48	− 8.57	49 59 59.72	46.315	−14.93	+1 6.1	19 17 14.68	.....	+89 0 16.6	....
45	*h* Sagittarii	9	31 7.64	− 0.60	− 8.57	295 57 54.85	44.605	−14.93	−1 53.0	19 30 58.47	.....	−25 5 25.8	....
46	β Sagittæ	9	36 58.42	− 0.47	− **8.58**	338 15 56.42	48.812	−14.93	− 22.0	19 36 49.38	.....	+17 15 42.8	....
47	γ Aquilæ	9	41 56.11	− 0.48	− **8.54**	331 23 55.95	47.935	−14.93	− 30.1	19 41 47.06	.....	+10 23 14.2	....
48	ε Draconis	9	48 42.98	− 0.88	− 8.57	31 1 58.48	47.055	−14.93	+ 33.5	19 48 33.53	.....	+70 2 0.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 18 47	......	....	67.9
19 13	......	....	67.3
19 25	......	....	67.0
19 27	29.845	67.9	....
19 40	......	....	66.9
20 4	......	....	66.8
20 26	......	....	65.4
20 42	29.835	66.1	65.0
22 8	29.82	65.3	63.9
28 1 3	29.86	60.8	59.0
1 32	29.855	60.0	58.1
2 12	......	....	58.0
2 55	......	....	58.0
3 20	29.83	59.8	58.1
29 10 31	29.855	77.3	79.2
18 35	29.80	71.9	70.8
19 4	......	....	70.1
19 25	......	....	70.0
19 30	29.80	70.8	....

Micrometer bisections are made at II, VI, except as noted below.

9, 11, 12, 15.	Bisections at I, II, VI, VII.
15.	Z. D. threads C used.
17, 23, 26, 35, 36, 37.	Bisections at I, II.
18, 19, 29, 38, 41, 43.	Bisections at VI, VII.
25, 27, 33, 48.	Bisections at III, V.
30.	Bisection at III.
32.	Bisection at VI.
42.	Bisections at b_1, b_4, b_5, b_6, b_9.
44.	Bisections at b_2, b_4, b_5, b_6, b_8.

Notes.

1–36.	Conditions poor; stars fuzzy.
5, 7.	Unsteady.
9–12.	Poor.
29.	Very poor image.
34.	Faint and unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+ 0.8	.. ....	...	+ 0.8
37	+ 4.3	+15 51.8	...	+15 56.1
38	+ 4.2	−15 51.9	...	−15 47.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ψ Cygni	9	53 22.41	− 0.58	− 8.57	13 11 58.58	46.960	−14.93	+ 13.1	19 53 13.26	.....	+52 11 37.7	....
2	20 Vulpeculæ	9	8 13.36	− 0.48	− 8.57	347 11 57.15	49.352	−14.93	− 12.5	20 8 4.31	− 2.59	+26 12 5.3	−22.9
3	β Capricorni	9	15 52.39	− 0.54	− **8.55**	305 57 53.88	45.108	−14.93	−1 16.2	20 15 43.28	.....	−15 4 38.5	....
4	296 G. Sagittarii	9	19 50.15	− 0.62	− 8.57	292 5 55.50	43.845	−14.93	−2 15.4	20 19 40.96	− 2.95	−28 58 4.9	−14.0
5	41 Cygni	9	25 42.54	− 0.49	− 8.57	351 3 57.52	47.555	−14.93	− 8.7	20 25 33.48	− 2.69	+30 3 28.4	−23.0
6	212 H^1. Draconis	9	30 39.67	− 0.97	− 8.57	33 11 58.52	49.555	−14.93	+ 36.4	20 30 30.13	.....	+72 13 0.2	....
7	α Delphini	9	35 25.28	− 0.47	− **8.57**	336 35 55.78	46.980	−14.93	− 24.0	20 35 16.24	.....	+15 34 58.3	....
8	3 Aquarii	9	42 55.34	− 0.51	− 8.57	315 39 53.90	45.165	−14.93	− 54.1	20 42 46.26	.....	− 5 22 15.1	....
	August 29, Hl.												
9	ο Piscium	9	40 34.08	− 0.48	− **8.57**	329 41 55.20	47.478	−14.87	− 32.5	1 40 25.05	.....	+ 8 41 0.7	....
10	γ Arietis (*south*)	9	48 30.54	− 0.47	− 8.55	339 51 57.98	43.765	−14.87	− 20.4	1 48 21.52	− 2.61	+18 49 50.7	− 7.7
11	λ Arietis	9	52 49.67	− 0.47	− 8.55	344 9 57.70	44.300	−14.87	− 15.8	1 52 40.65	− 2.68	+23 8 7.2	− 6.1
12	β Trianguli	8	4 5.25	− 0.48	− 8.55	355 33 56.98	44.468	−14.87	− 4.3	2 3 56.22	.....	+34 32 21.8	....
13	67 Ceti	9	12 25.86	− 0.50	− **8.58**	314 9 55.25	47.685	−14.87	− 57.4	2 12 16.81	.....	− 6 51 19.4	....
14	κ Fornacis	9	18 22.84	− 0.59	− 8.55	296 47 54.48	46.748	−14.87	−1 49.9	2 18 13.70	.....	−24 14 34.0	....
15	ξ^2 Ceti	9	23 17.69	− 0.47	− **8.55**	329 3 54.78	45.548	−14.87	− 33.4	2 23 8.67	.....	+ 8 2 15.3	....
16	35 Arietis	9	38 4.03	− 0.47	− 8.55	348 19 59.65	44.395	−14.87	− 11.5	2 37 55.01	− 2.56	+27 18 15.6	− 1.7
17	41 Arietis	.	.. ..	.....	....	347 53 57.22	44.395	−14.87	− 11.9	2 44	.....	+26 52 12.8	....
18	α Ceti	9	57 29.83	− 0.47	− **8.58**	324 44	......	.....	. ....	2 57 20.81	.....	+ 3 43	....
19	δ Arietis	8	6 22.99	− 0.45	− **8.59**	340 23 54.68	44.645	−14.87	− 19.9	3 6 13.99	.....	+19 22 8.0	....
	August 30, Hl.												
20	Sun I, N	9	32 34.31	− 0.49	− 8.54	330 21 56.20	46.618	−14.95	− 30.5	10 32 25.28	+64.38	+ 9 20 43.6	....
21	Sun II, S	9	34 43.07	− 0.49	− 8.54	329 49 55.22	47.438	−14.95	− 31.2	10 34 34.04	−64.38	+ 8 49 0.3	....
22	110 Herculis	9	41 45.58	− 0.49	− **8.60**	341 27 55.40	48.555	−13.66	− 18.1	18 41 36.56	.....	+20 27 41.1	....
23	σ Sagittarii	9	49 34.47	− 0.58	− 8.53	294 37 53.50	46.618	−13.66	−1 57.4	18 49 25.36	.....	−26 24 44.3	....
24	π Sagittarii	9	4 18.71	− 0.56	− 8.52	299 51 54.18	46.752	−13.66	−1 34.0	19 4 9.63	.....	−21 10 17.1	....
25	λ Ursæ Minoris	5	17 32.76	−15.77	− 8.52	49 59 59.98	46.262	−13.66	+1 4.8	19 17 8.47	.....	+89 0 16.0	....
26	h Sagittarii	8	31 7.56	− 0.58	− 8.52	295 57 53.00	44.582	−13.66	−1 50.8	19 30 58.46	.....	−25 5 24.7	....
27	β Sagittæ	9	36 58.37	− 0.48	− **8.53**	338 15 55.20	48.845	−13.66	− 21.6	19 36 49.37	.....	+17 15 44.0	....
28	γ Aquilæ	8	41 56.06	− 0.48	− **8.50**	331 23 55.18	47.960	−13.66	− 29.6	19 41 47.06	.....	+10 23 15.8	....
29	4 B. Ursæ Minoris s. P.	9	2 43.67	+14.11	− 8.52	52 3 58.12	48.725	−13.66	+1 9.9	8 2 49.26	.....	+88 54 44.1	....
30	41 Cygni	9	25 42.49	− 0.51	− 8.52	351 3 56.85	47.580	−13.66	− 8.5	20 25 33.46	− 2.68	+30 3 29.8	−23.2
31	α Delphini	9	35 25.22	− 0.48	− **8.50**	336 35 55.22	47.005	−13.66	− 23.5	20 35 16.22	.....	+15 35 0.1	....
32	3 Aquarii	8	42 55.32	− 0.50	− 8.52	315 39 53.58	45.122	−13.66	− 53.1	20 42 46.30	.....	− 5 22 14.1	....
33	32 Vulpeculæ	9	50 42.44	− 0.50	− **8.47**	348 41 56.00	49.458	−13.66	− 10.8	20 50 33.42	.....	+27 42 9.6	....
34	θ Capricorni	9	0 48.44	− 0.54	− **8.55**	303 25 53.20	46.178	−13.66	−1 22.2	21 0 39.38	.....	−17 36 19.4	....
35	ζ Cygni	9	9 5.48	− 0.51	− **8.50**	350 51 55.92	45.328	−13.66	− 8.7	21 8 56.45	.....	+29 50 37.2	....
36	Saturn I, C	5	6 48.56	− 0.52	− 8.52	307 37 53.70	48.972	−13.66	−1 10.7	22 6 39.52	+ 0.62	−13 24 38.8	....
37	Saturn II	5	6 49.81	− 0.52	− 8.52	... .	......	.....	. ....	22 6 40.77	− 0.63	.. ..	....
	August 31, Br.												
38	37 Ceti	8	9 48.24	− 0.49	− 8.40	312 35 53.82	46.928	−14.69	−1 0.8	1 9 39.35	− 2.42	− 8 25 41.3	−16.7
39	θ Ceti	9	19 27.80	− 0.49	− **8.45**	312 21 53.88	45.798	−14.69	−1 1.4	1 19 18.91	.....	− 8 40 7.7	....
40	π Piscium	9	32 15.11	− 0.44	− **8.43**	332 41 55.25	43.485	−14.69	− 28.9	1 32 6.27	.....	+11 39 33.2	....
41	ω Cassiopeiæ	9	35 32.43	− 0.70	− 8.40	28 33 58.35	46.505	−14.69	+ 30.6	1 35 23.33	.....	+67 33 44.8	....
42	ο Piscium	9	40 33.90	− 0.45	− [illegible]	329 41 54.35	47.485	−14.69	− 32.7	1 40 25.05	.....	+ 8 41 0.0	....
43	2 Persei	9	46 19.13	− 0.50	− 8.40	11 19 57.42	46.572	−14.69	+ 11.3	1 46 10.23	− 3.72	+50 19 26.2	+ 0.7
44	i Draconis s. P.	9	48 45.51	+ 0.43	− 8.40	75 45 59.40	44.985	−14.69	+3 38.4	13 48 37.54	+ 2.00	+65 11 40.9	−11.0
45	α Piscium (*brighter*)	9	57 19.06	− 0.46	− 8.40	323 19 54.85	46.630	−14.69	− 41.7	1 57 10.20	− 2.35	+ 2 18 32.0	−12.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 19 58	....	....	69.6
20 43	29.80	69.9	68.9
1 24	29.77	66.7	65.9
1 55	....	....	65.2
2 9	....	....	65.2
2 28	....	....	65.1
2 52	....	....	65.1
3 14	29.765	[illegible]	65.0
30 10 35	29.75	81.7	81.0
18 33	29.68	78.1	78.0
18 51	....	....	78.1
19 1	....	....	78.0
19 43	....	....	76.9
19 51	29.65	76.7	76.7
20 11	....	....	77.0
20 38	....	....	76.1
20 57	....	....	75.7
21 18	29.625	75.2	75.1
22 7	29.635	74.4	74.1
31 1 10	29.835	65.9	64.4
1 50	. ...	....	64.0

Micrometer bisections are made at II, VI, except as noted below.

1, 6, 41, 43, 44.	Bisections at III, V.
3, 7, 21, 38.	Bisections at VI, VII.
5, 20, 40, 42.	Bisections at I, II.
25, 29.	Bisections at b_4, b_5, b_6.
32.	Bisections at II, VI, VII.
36.	Z. D. threads C used.
36.	Bisections at I, II, VI, VII.

Notes.

6.	Micrometer reading increased 1 rev.
17, 18, 19.	Clouds.
23.	Poor.
44.	Faint.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
20	+ 4.3	−15 51.7	...	−15 47.4
21	+ 4.3	+15 51.6	...	+15 55.9
36	+ 0.8	.. ..	...	+ 0.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Trianguli	9	4 5.09	− 0.44	− 8.40	355 33 56.08	44.428	−14.69	− 4.3	2 3 56.25	.....	+34 32 20.1	....
2	ξ^1 Ceti	9	8 9.04	− 0.45	− **8.39**	329 25 54.12	45.595	−14.69	− 33.1	2 8 0.19	.....	+ 8 24 16.2	....
3	67 Ceti	9	12 25.74	− 0.49	− **8.42**	314 9 54.38	47.702	−14.69	− 57.6	2 12 16.85	.....	− 6 51 19.9	....
4	ρ Ceti	9	21 32.59	− 0.51	− 8.40	308 19 54.68	44.265	−14.69	−1 10.8	2 21 23.68	− 2.04	−12 42 51.3	−14.9
5	ν Ceti	9	31 4.35	− 0.45	− **8.41**	326 11 54.58	47.465	−14.69	− 37.5	2 30 55.50	.....	+ 5 10 55.0	....
6	μ Arietis	9	37 11.76	− 0.44	− 8.40	340 37 55.00	45.640	−14.69	− 19.7	2 37 2.92	− 2.45	+19 36 31.4	− 4.5
7	η Persei	9	43 58.24	− 0.53	− 8.40	16 31 56.62	42.625	−14.69	+ 16.7	2 43 49.31	− 3.71	+55 30 0.6	+ 7.1
8	η Eridani	9	51 58.01	− 0.50	− **8.39**	311 45 53.25	45.308	−14.69	−1 2.8	2 51 49.11	.....	− 9 16 20.9	....
9	2 H. Ursæ Minoris S. P.	9	56 10.58	+ 0.45	− 8.40	74 39 59.32	42.508	−14.69	+3 22.8	14 56 2.63	+ 1.55	+66 18 53.2	−17.1
10	τ^1 Arietis	9	15 55.52	− 0.43	− **8.37**	341 49 54.80	45.132	−14.69	− 18.4	3 15 46.69	.....	+20 48 20.9	....
11	ο Tauri	9	19 52.83	− 0.45	− **8.35**	329 41 54.38	49.588	−14.69	− 32.8	3 19 43.98	.....	+ 8 41 47.9	....
12	σ Persei	7	24 4.21	− 0.48	− 8.40	8 41 57.25	42.815	−14.69	+ 8.7	3 23 55.33	− 2.97	+47 39 57.6	+ 7.9
13	Venus II, C	9	7 10.52	− 0.42	− 8.42	340 37 54.80	47.681	−14.85	− 19.5	8 7 1.68	− 0.53	+19 35 42.7	....
	September 1, Br.												
14	Sun I, N	9	39 50.45	− 0.45	− 8.41	329 39 56.98	43.480	−14.81	− 31.9	10 39 41.59	+64.42	+ 8 37 31.4	....
15	Sun II, S	9	41 59.29	− 0.45	− 8.41	329 7 53.68	44.272	−14.81	− 32.6	10 41 50.43	−64.42	+ 8 5 46.2	....
	September 4, Hl.												
16	ν Cephei	9	42 55.33	− 0.60	− 8.19	21 41 56.88	45.740	−13.76	+ 22.2	21 42 46.54	− 4.12	+60 41 18.2	−20.6
17	μ Capricorni	9	48 18.64	− 0.49	− **8.24**	307 1 52.58	47.688	−13.76	−1 13.5	21 48 9.96	.....	−13 59 37.0	....
18	134 G. Capricorni	9	53 37.66	− 0.53	− 8.19	299 23 52.48	48.155	−13.76	−1 38.2	21 53 28.94	− 2.87	−21 37 51.0	−18.4
19	Saturn I, C	5	5 23.71	− 0.48	− 8.19	307 29 54.28	49.444	−13.76	−1 12.4	22 5 15.04	+ 0.62	−13 32 29.2	....
20	Saturn II	5	5 24.96	− 0.48	− 8.19	... .	......	.....	. ....	22 5 16.29	− 0.63	.. ..	....
21	γ Aquarii	8	16 56.45	− 0.45	− **8.16**	319 9 54.90	46.486	−13.76	− 48.0	22 16 47.81	.....	− 1 51 36.6	....
22	σ Aquarii	9	25 48.74	− 0.48	− **8.17**	309 51 53.70	47.660	−13.76	−1 6.6	22 25 40.07	.....	−11 9 29.5	....
23	30 Cephei	9	35 30.39	− 0.64	− 8.19	24 5 57.58	46.738	−13.76	+ 25.0	22 35 21.56	− 4.80	+63 5 44.5	−16.2
24	μ Pegasi	.	.. ..	.....	....	345 5 55.62	50.115	−13.76	− 14.8	22 45	.....	+24 6 21.1	....
25	β Pegasi	9	59 21.87	− 0.43	− **8.20**	348 33 55.22	50.120	−13.76	− 11.2	22 59 13.25	.....	+27 34 23.4	....
	September 5, Hl.												
26	Moon I, N	9	34 41.90	− 0.51	....	303 41 54.78	48.823	−13.18	−1 23.2	16 34	.....	−17 19 17.9	....
	September 5, Bs.												
27	δ Draconis	9	12 42.69	− 0.74	....	28 29 58.22	47.580	−13.76	+ 30.6	19 12	.....	+67 30 9.7	....
28	β Sagittæ	9	36 57.47	− 0.43	− **7.76**	338 15 57.02	48.840	−13.88	− 22.3	19 36	.....	+17 15 44.8	....
29	γ Aquilæ	9	41 55.23	− 0.43	− **7.78**	331 23 56.48	47.959	−13.90	− 30.6	19 41	.....	+10 23 15.8	....
30	γ Sagittæ	9	54 42.64	− 0.43	− **7.82**	340 15 56.50	45.344	−13.96	− 20.1	19 54	.....	+19 14 26.5	....
31	4 B. Ursæ Minoris S. P.	5	2 43.50	+12.42	....	52 3 59.38	48.647	−14.00	+1 12.4	8 2	.....	+88 54 42.3	....
	September 5, Hl.												
32	Venus II, C	9	31 31.48	− 0.38	− 8.01	339 35 58.98	48.391	−15.33	− 20.7	8 31 23.09	− 0.51	+18 34 1.4	....
	September 6, Hl.												
33	Sun I, N	9	57 55.83	− 0.40	− 8.00	327 47 54.15	48.148	−14.85	− 34.7	10 57 47.43	+64.17	+ 6 47 12.4	....
34	Sun II, S	9	0 4.16	− 0.40	− 8.00	327 15 54.22	48.815	−14.85	− 35.4	10 59 55.76	−64.16	+ 6 15 27.7	....
35	Moon I, N	9	34 3.94	− 0.59	− 7.99	301 59 54.42	45.210	−14.55	−1 29.0	17 33 55.36	+69.53	−19 2 48.0	....
36	b Aquilæ	9	20 37.16	− 0.46	− 7.99	332 45 57.58	46.798	−14.55	− 28.9	19 20 28.71	.....	+11 44 51.4	....
37	ι Cygni	9	27 29.50	− 0.54	− 7.99	12 31 59.55	48.210	−14.55	+ 12.6	19 27 20.97	.....	+51 32 7.0	....
38	β Sagittæ	9	36 57.72	− 0.46	− **8.00**	338 15 57.78	48.872	−14.55	− 22.4	19 36 49.27	.....	+17 15 45.5	....
39	α Aquilæ	9	46 19.80	− 0.47	− **7.95**	329 37 56.78	48.488	−14.55	− 32.9	19 46 11.34	.....	+ 8 37 25.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
31 2 13	29.83	64.9	63.8
2 58	......	....	62.9
3 37	29.84	64.2	63.0
8 7	29.88	72.8	71.0
1 10 42	29.88	78.3	78.0
4 21 34	29.845	69.9	68.7
21 57	......	....	68 1
22 10	......	....	68.0
22 31	......	....	67.2
22 43	......	....	67.0
22 50	29. 845	68.4	....
23 5	29.845	68.0	66.3
5 16 35	29.905	70.3	68.7
19 6	29.90	66.2	65.0
19 45	......	....	64.2
20 17	29.92	65.1	63.6
8 32	29.94	69.7	69.0
6 11 0	29.925	73.8	73.0
17 34	29.905	69.2	67.7
19 0	29.93	66.6	65.2
19 16	......	....	64.8
19 50	......	....	64.1

Micrometer bisections are made at II, VI, except as noted below.

1, 10, 11, 14, 33.	Bisections at I, II.
5, 15, 17, 25, 34.	Bisections at VI, VII.
7, 9.	Bisections at III, V.
12.	Bisections at IV, V.
13, 19, 32.	Z. D. threads C used.
13, 19, 21, 27, 32.	Bisections at I, II, VI, VII.
18.	Bisections at II, VII.
24.	Bisection at II.
26, 35.	Bisections at II, III, IV, V, VI.
31.	Bisections at b_3, b_5, b_7.

Notes.

10.	Circle reading increased 10′.
13.	Degrees and minutes of circle reading assumed.
18.	Faint; unsteady.
21.	Faint.
24, 25, 27–31.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
13	+ 2.5	.. ....	+0.1	+ 2.6
14	+ 4.4	−15 52.6	...	−15 48.2
15	+ 4.4	+15 52.6	...	+15 57.0
19	+ 0.8	.. ....	...	+ 0.8
26	+48 37.2	−16 1.1	...	+32 36.1
32	+ 2.6	.. ....	+0.1	+ 2.7
33	+ 4.6	−15 52.3	...	−15 47.7
34	+ 4.7	+15 52.3	...	+15 57.0
35	+49 0.6	−15 50.0	...	+33 10.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Sagittæ	9	54 42.79	− 0.46	**− 7.96**	340 15 58.02	45.362	−14.55	− 20.2	19 54 34.34	.....	+19 14 27.7	....
2	β Capricorni	9	15 51.80	− 0.54	**− 8.03**	305 57 54.28	45.200	−14.55	−1 17.3	20 15 43.27	.....	−15 4 36.7	....
3	41 Cygni	9	25 41.87	− 0.46	− 7.99	351 3 59.00	47.628	−14.55	− 8.8	20 25 33.42	− 2.61	+30 3 31.9	−24.6
4	α Delphini	9	35 24.59	− 0.45	**− 7.96**	336 35 57.00	47.060	−14.55	− 24.3	20 35 16.16	.....	+15 35 1.4	....
5	76 Draconis	9	49 48.32	− 1.84	− 7.98	43 12 1.78	44.079	−14.55	+ 53.0	20 49 38.50	.....	+82 11 13.7	....
6	ν Aquarii	9	4 36.55	− 0.51	**− 8.06**	309 15 56.38	48.845	−14.55	−1 8.7	21 4 28.06	.....	−11 45 2.7	....
7	4 Piscis Australis	9	12 22.53	− 0.64	− 7.98	288 29 55.12	45.645	−14.55	−2 46.4	21 12 13.91	.....	−32 33 54.7	....
8	Saturn I, C	5	4 50.52	− 0.52	− 7.98	307 25 56.35	51.921	−14.55	−1 13.6	22 4 42.02	+ 0.63	−13 35 32.5	....
9	Saturn II	5	4 51.78	− 0.52	− 7.98	... .	......	.....	. ....	22 4 43.28	− 0.63	.. ..	....
	September 6, Bs.												
10	μ Piscium	9	25 23.11	− 0.44	− 7.72	326 41 56.58	43.656	−14.97	− 37.2	1 25 14.95	− 2.64	+ 5 39 29.9	−13.5
11	π Piscium	8	32 14.46	− 0.42	**− 7.66**	332 39 57.62	48.753	−15.01	− 29.2	1 32 6.32	.....	+11 39 35.4	....
12	ο Piscium	9	40 33.30	− 0.43	**− 7.67**	329 41 57.15	47.456	−15.06	− 33.1	1 40 25.15	.....	+ 8 41 1.3	....
13	2 Persei	9	46 18.58	− 0.46	− 7.72	11 19 58.98	46.576	−15.08	+ 11.5	1 46 10.40	− 3.92	+50 19 27.5	− 0.8
14	λ Arietis	9	52 48.97	− 0.41	− 7.72	344 9 58.35	44.334	−15.12	− 16.1	1 52 40.84	− 2.87	+23 8 8.1	− 7.4
15	α Piscium (*brighter*)	9	57 18.52	− 0.44	− 7.72	323 19 57.68	46.620	−15.15	− 42.2	1 57 10.36	− 2.48	+ 2 18 33.6	−12.6
16	β Trianguli	9	4 4.50	− 0.41	− 7.72	355 33 58.62	44.441	−15.18	− 4.4	2 3 56.37	.....	+34 32 22.4	....
17	ξ^1 Ceti	8	8 8.51	− 0.43	**− 7.74**	329 25 56.78	45.571	−15.20	− 33.5	2 8 0.37	.....	+ 8 24 17.4	....
18	67 Ceti	9	12 25.20	− 0.48	**− 7.76**	314 9 57.08	47.648	−15.22	− 58.3	2 12 17.01	.....	− 6 51 19.7	....
19	κ Fornacis	8	18 22.17	− 0.58	− 7.71	296 47 54.55	46.814	−15.26	−1 51.8	2 18 13.88	.....	−24 14 34.7	....
20	ξ^2 Ceti	8	23 16.97	− 0.43	**− 7.68**	329 3 57.20	45.491	−15.28	− 34.0	2 23 8.83	.....	+ 8 2 15.4	....
21	ν Ceti	9	31 3.79	− 0.44	**− 7.72**	326 11 56.90	47.422	−15.32	− 38.0	2 30 55.64	.....	+ 5 10 55.2	....
22	μ Arietis	9	37 11.23	− 0.41	− 7.71	340 37 57.58	45.598	−15.35	− 19.9	2 37 3.11	− 2.61	+19 36 32.2	− 5.3
23	41 Arietis	9	44 34.29	− 0.41	**− 7.76**	347 53 58.48	44.389	−15.39	− 12.1	2 44 26.17	.....	+26 52 13.2	....
24	η Eridani	9	51 57.45	− 0.49	**− 7.69**	311 45 56.60	45.264	−15.43	−1 3.5	2 51 49.25	.....	− 9 16 20.0	....
25	57 B. Ursæ Minoris S. P.	8	7 6.46	+ 4.47	− 7.71	53 24 2.02	44.560	−15.51	+1 16.7	15 7 3.22	.....	+87 36 9.9	....
26	ο Tauri	9	19 52.35	− 0.43	**− 7.73**	329 41 56.90	49.528	−15.58	− 33.2	3 19 44.21	.....	+ 8 41 47.8	....
27	σ Persei	8	24 3.60	− 0.43	− 7.71	8 41 58.18	42.832	−15.60	+ 8.8	3 23 55.46	− 3.21	+47 39 57.9	+ 7.1
28	ε Eridani	9	28 37.28	− 0.49	**− 7.68**	311 13 57.15	49.933	−15.63	−1 4.8	3 28 29.08	.....	− 9 46 34.3	....
29	149 H¹. Cephei	7	36 4.77	− 3.03	− 7.71	47 22 2.12	42.236	−15.67	+1 2.0	3 35 54.03	−21.33	+86 20 41.1	+17.4
30	Venus II, C	9	36 22.55	− 0.39	− 7.69	339 19 57.75	53.852	−15.39	− 21.0	8 36 14.47	− 0.51	+18 20 4.6	....
	September 7, Bs.												
31	Sun I, S	9	1 32.03	− 0.42	− 7.69	326 53 57.82	47.618	−15.46	− 36.0	11 1 23.92	+64.13	+ 5 53 2.1	....
32	Sun II, N	7	3 40.29	− 0.42	− 7.69	327 25 55.70	47.100	−15.46	− 35.3	11 3 32.18	−64.13	+ 6 24 49.5	....
33	Moon I	9	32 51.36	− 0.61	− 7.66	301 12	......	.....	. ....	18 32 43.09	+68.92	.. ..	....
34	β Sagittæ	9	36 57.39	− 0.47	**− 7.67**	338 15 58.72	48.766	−14.48	− 22.2	19 36 49.26	.....	+17 15 44.3	....
35	γ Aquilæ	9	41 55.10	− 0.48	**− 7.63**	331 23 56.55	47.990	−14.49	− 30.4	19 41 46.96	.....	+10 23 16.2	....
36	ε Draconis	7	48 41.44	− 0.80	− 7.66	31 2 0.08	46.986	−14.51	+ 33.7	19 48 32.98	.....	+70 2 0.5	....
37	γ Sagittæ	9	54 42.53	− 0.47	**− 7.70**	340 15 58.62	45.284	−14.53	− 20.0	19 54 34.40	.....	+19 14 26.8	....
38	θ Aquilæ	9	6 34.97	− 0.51	**− 7.69**	319 55 57.38	45.694	−14.56	− 46.9	20 6 26.80	.....	− 1 5 52.0	....
39	κ Cephei	9	12 19.31	− 1.15	− 7.66	38 26 0.32	46.514	−14.58	+ 44.4	20 12 10.50	.....	+77 26 0.3	....
40	β Capricorni	8	15 51.42	− 0.56	**− 7.64**	305 57 51.50	45.210	−14.59	−1 16.7	20 15 43.20	.....	−15 4 38.7	....
41	π Capricorni	9	22 3.99	− 0.58	**− 7.60**	302 31 50.92	44.403	−14.61	−1 27.2	20 21 55.75	.....	−18 31 8.2	....
42	212 H¹. Draconis	9	30 37.89	− 0.88	− 7.66	33 11 55.40	49.781	−14.63	+ 36.7	20 30 29.35	.....	+72 13 2.5	....
43	α Delphini	9	35 24.24	− 0.47	**− 7.60**	336 35 52.22	47.218	−14.64	− 24.1	20 35 16.11	.....	+15 35 0.4	....
44	3 Aquarii	9	42 54.39	− 0.52	− 7.66	315 39 50.62	45.366	−14.67	− 54.5	20 42 46.21	.....	− 5 22 13.9	....
45	76 Draconis	8	49 47.23	− 1.75	− 7.66	43 11 56.50	44.351	−14.69	+ 52.6	20 49 37.82	.....	+82 11 14.1	....
46	ζ Cygni	8	9 4.56	− 0.48	**− 7.67**	350 51 53.62	45.536	−14.74	− 9.0	21 8 56.43	.....	+29 50 38.3	....
47	1 Pegasi	9	17 52.46	− 0.47	**− 7.61**	340 25 52.58	45.096	−14.77	− 19.9	21 17 44.34	.....	+19 24 16.3	....
48	ζ Capricorni	8	21 25.81	− 0.61	− 7.65	298 13 50.78	45.271	−14.78	−1 44.0	21 21 17.55	.....	−22 49 5.5	....
49	β Aquarii	9	26 44.47	− 0.52	**− 7.64**	315 1 52.12	48.531	−14.79	− 55.9	21 26 36.30	.....	− 5 59 0.6	....
50	Saturn I, C	4	4 34.02	− 0.56	− 7.65	307 25 51.58	48.186	−14.89	−1 13.3	22 4 25.81	+ 0.64	−13 37 2.7	....
51	Saturn II	4	4 35.30	− 0.56	− 7.65	... .	......	.....	. ....	22 4 27.09	− 0.64	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 20 12	......	....	64.2
20 30	29.93	64.7	64.0
20 58	......	....	63.7
21 18	......	....	63.0
22 10	29.935	63.4	62.2
1 30	29.91	61.4	60.2
2 0	......	....	59.3
2 28	29.92	60.5	59.1
3 15	......	....	58.6
3 45	29.93	59.4	57.3
8 31	29.95	69.2	68.1
7 11 2	29.95	73.3	72.7
19 37	29.92	68.4	68.1
20 30	29.91	67.8	67.5
20 57	......	....	67.3
21 30	29.93	66.5	65.1
22 5	29.92	65.3	64.1

Micrometer bisections are made at II, VI, except as noted below.

5, 8, 30, 45, 50. Bisections at I, II, VI, VII.
8, 30, 50. Z. D. threads C used.
25, 29. Bisections at III, IV, V.
31. Bisections at I, II.
32. Bisections at VI, VII.

Notes.

5. Faint.
15. Assumed that brighter was observed.
26, 28. Micrometer reading increased 5 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 0.8	.. ....	...	+ 0.8
30	+ 2.6	.. ....	+ 0.1	+ 2.7
31	+ 4.7	+15 53.7	...	+15 58.4
32	+ 4.7	−15 53.7	...	−15 49.0
50	+ 0.8	.. ....	...	+ 0.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	September 7, Hl.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	υ Pegasi	.	.. ..	.....	....	343 53 54.32	47.332	−15.14	− 16.2	23 21	.....	+22 53 12.5	....
2	70 Pegasi	9	24 32.29	− 0.46	− 7.90	333 15 52.95	46.112	−15.14	− 28.3	23 24 23.93	.....	+12 14 31.2	....
3	ι Andromedæ	9	33 40.50	− 0.48	− 7.90	3 45 54.85	45.380	−15.14	+ 3.8	23 33 32.12	.....	+42 44 48.3	....
4	41 H. Cephei	9	43 36.30	− 0.71	− 7.90	28 17 55.15	44.530	−15.14	+ 30.4	23 43 27.69	.....	+67 16 55.3	....
5	ω Piscium	9	54 37.26	− 0.47	− **7.94**	327 21 51.55	46.628	−15.14	− 36.0	23 54 28.89	.....	+ 6 20 33.8	....
6	α Andromedæ	9	3 40.12	− 0.45	− **7.91**	349 35 53.95	44.510	−15.14	− 10.3	0 3 31.77	.....	+28 34 13.5	....
7	6 B. Ursæ Minoris s. P.	5	13 31.56	+ 6.91	− 7.90	52 46	......	.....	. ....	12 13 30.57	.....	+88 13	....
8	44 Piscium	9	20 43.17	− 0.48	− **7.96**	322 27 53.08	43.108	−15.14	− 43.2	0 20 34.79	.....	+ 1 25 7.7	....
9	κ Cassiopeiæ	9	27 49.36	− 0.61	− 7.90	23 25 55.62	43.872	−15.14	+ 24.5	0 27 40.85	− 5.20	+62 24 35.0	− 6.4
10	73 G. Ceti	9	40 13.51	− 0.59	− 7.90	298 31 50.88	44.550	−15.14	−1 43.2	0 40 5.02	− 2.55	−22 31 21.4	−19.4
11	Venus II, C	9	41 13.43	− 0.42	− 7.87	339 5 52.35	52.921	−15.34	− 21.2	8 41 5.14	− 0.50	+18 5 37.8	....
	September 8, Hl.												
12	Moon I, S	9	30 18.29	− 0.59	− 3.84	301 31 50.50	45.272	−14.25	−1 31.1	19 30 13.86	+67.86	−19 30 52.4	....
13	δ Cygni	9	42 7.10	− 0.53	− 3.84	5 55 54.82	44.205	−14.25	+ 5.9	19 42 2.73	.....	+44 54 24.4	....
14	166 B. Camelopardalis s. P.	9	48 53.17	+ 0.80	− 3.84	66 47 56.15	48.230	−14.25	+2 11.1	7 48 50.13	.....	+74 9 56.1	....
15	θ Aquilæ	9	6 31.12	− 0.50	− **3.86**	319 55 52.50	45.924	−14.25	− 47.3	20 6 26.78	.....	− 1 5 51.7	....
16	β Capricorni	9	15 47.58	− 0.55	− **3.82**	305 57 49.92	45.347	−14.25	−1 17.4	20 15 43.20	.....	−15 4 37.5	....
17	41 Cygni	9	25 37.72	− 0.48	− 3.83	351 3 53.80	47.830	−14.25	− 8.8	20 25 33.41	− 2.58	+30 3 31.6	−24.9
18	α Delphini	9	35 20.46	− 0.47	− **3.83**	336 35 52.70	47.228	−14.25	− 24.4	20 35 16.16	.....	+15 35 1.2	....
19	3 Aquarii	9	42 50.53	− 0.51	− 3.83	315 39 50.35	45.425	−14.25	− 55.0	20 42 46.19	.....	− 5 22 12.9	....
20	ν Aquarii	9	4 32.36	− 0.54	− **3.85**	309 15 51.38	49.038	−14.25	−1 8.9	21 4 27.99	.....	−11 45 3.2	....
21	ζ Cygni	9	9 0.71	− 0.48	− **3.83**	350 51 54.40	45.542	−14.25	− 9.0	21 8 56.40	.....	+29 50 39.7	....
22	b Capricorni	9	23 25.81	− 0.61	− 3.83	298 49 50.70	45.528	−14.25	−1 42.1	21 23 21.37	− 2.88	−24 12 57.3	−16.9
23	89 B. Ursæ Majoris s. P.	5	34 9.26	+ 0.61	− 3.83	71 17 55.85	46.755	−14.25	+2 46.1	9 34 6.04	+ 1.76	+69 39 55.5	+16.5
24	ν Cephei	9	42 51.00	− 0.66	− 3.83	21 41 55.12	45.880	−14.25	+ 22.6	21 42 46.51	− 4.06	+60 41 19.5	−22.1
25	Bradley 2868	9	50 3.14	− 0.60	− 3.83	16 47 54.25	43.308	−14.25	+ 17.1	21 49 58.71	− 3.80	+55 46 14.4	−21.9
26	Saturn I, C	5	4 13.79	− 0.55	− 3.83	307 23 50.55	49.610	−14.25	−1 13.8	22 4 9.41	+ 0.65	−13 38 31.0	....
27	Saturn II	5	4 15.08	− 0.55	− 3.83	... .	......	.....	. ....	22 4 10.70	− 0.64	.. ..	....
28	32 Pegasi	8	17 3.44	− 0.48	− 3.83	348 51 54.02	47.865	−14.25	− 11.1	22 16 59.13	− 3.07	+27 51 30.3	−21.2
29	π Aquarii	9	20 32.71	− 0.50	− **3.84**	321 55 52.65	45.670	−14.25	− 44.3	22 20 28.38	.....	+ 0 54 5.7	....
30	η Aquarii	9	30 35.73	− 0.50	− **3.87**	320 25 51.78	45.392	−14.25	− 46.7	22 30 31.40	.....	− 0 36 4.0	....
	September 8, Bs.												
31	43 H. Cephei	9	56 9.56	− 3.45	− 3.57	46 45 56.90	43.032	−14.48	+1 0.6	0 56 2.54	.....	+85 44 53.9	....
32	α Ursæ Minoris	8	26 15.89	−12.00	− 3.57	49 47 56.38	45.581	−14.48	+1 7.5	1 26 0.32	.....	+88 47 57.5	....
33	α Piscium (*brighter*)	9	57 14.38	− 0.48	− 3.57	323 19 51.72	46.856	−14.48	− 42.3	1 57 10.33	− 2.52	+ 2 18 33.6	−12.8
34	β Trianguli	9	4 0.39	− 0.47	− 3.57	355 33 52.60	44.668	−14.48	− 4.4	2 3 56.35	.....	+34 32 22.3	....
35	ξ^1 Ceti	8	8 4.40	− 0.46	− **3.56**	329 25 51.82	45.776	−14.48	− 33.6	2 8 0.38	.....	+ 8 24 17.7	....
36	67 Ceti	9	12 21.05	− 0.50	− **3.55**	314 9 51.00	47.914	−14.48	− 58.6	2 12 16.99	.....	− 6 51 19.2	....
37	κ Fornacis	9	18 18.04	− 0.60	− 3.56	296 47 49.70	47.023	−14.48	−1 52.2	2 18 13.88	.....	−24 14 34.4	....
38	ξ^2 Ceti	9	23 12.87	− 0.47	− **3.49**	329 3 51.28	45.715	−14.48	− 34.1	2 23 8.84	.....	+ 8 2 15.3	....
39	ν Ceti	9	30 59.68	− 0.47	− **3.54**	326 11 51.48	47.635	−14.48	− 38.1	2 30 55.65	.....	+ 5 10 55.4	....
40	μ Arietis	9	37 7.12	− 0.46	− 3.56	340 37 52.08	45.804	−14.48	− 20.0	2 37 3.10	− 2.66	+19 36 32.2	− 5.6
41	41 Arietis	9	44 30.18	− 0.46	− **3.55**	347 53 52.62	44.639	−14.48	− 12.2	2 44 26.16	.....	+26 52 13.9	....
42	57 B. Ursæ Minoris s. P.	9	7 0.33	+ 5.84	− 3.56	53 23 55.45	44.834	−14.48	+1 16.9	15 7 2.61	.....	+87 36 9.0	....
43	ε Eridani	9	28 33.29	− 0.52	− **3.61**	311 13 50.98	50.196	−14.48	−1 5.0	3 28 29.21	.....	− 9 46 33.5	....
44	Venus II, C	9	45 59.63	− 0.44	− 3.55	338 51 52.90	50.320	−15.09	− 21.7	8 45 55.64	− 0.50	+17 50 38.7	....
	September 9, Bs.												
45	Moon I, S	9	25 56.87	− 0.59	− 3.52	303 7 50.42	50.656	−14.76	−1 26.6	20 25 52.76	+66.49	−17 52 45.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 23 4	29.915	65.1	63.6
23 28	......	....	63.1
23 49	......	....	63.1
0 8	......	....	62.9
0 34	29.895	63.9	62.7
0 54	......	....	62.2
8 41	29.98	71.3	70.7
8 19 3	30.00	67.9	66.5
19 38	......	....	65.8
19 59	......	....	65.1
20 13	......	....	64.9
20 38	......	....	64.4
21 15	30.03	64.9	63.9
21 40	......	....	63.7
22 8	......	....	63.0
22 36	30.03	63.7	62.4
0 56	30.03	61.8	60.3
2 18	30.03	60.7	59.1
3 7	30.05	60.7	59.2
3 29	30.06	60.2	58.7
8 43	30.14	70.9	68.3
9 20 35	30.09	63.8	62.0

Micrometer bisections are made at II, VI, except as noted below.

4, 11, 15, 26, 44.	Bisections at I, II, VI, VII.
9, 14.	Bisections at VI, VII.
11, 26, 44.	Z. D. threads C used.
12, 45.	Bisections at II, III, IV, V, VI.
16.	Bisections at II, VI, VII.
31, 32, 42.	Bisections at III, IV, V.

Notes.

7, 9, 15.	Clouds.
8.	Unsteady.
14.	Faint.
33.	Assumed that brighter was observed.
42.	Revolutions of micrometer reading assumed.
45.	Micrometer reading decreased 1 rev.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 2.6	.. ....	+0.1	+ 2.7
12	+48 10.4	+15 29.0	...	+63 39.4
26	+ 0.8	.. ....	...	+ 0.8
44	+ 2.6	.. ....	+0.1	+ 2.7
45	+46 49.7	+15 19.7	...	+62 9.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Cephei	9	27 35.32	− 0.85	− 3.52	31 9 55.95	44.557	−14.76	+ 34.6	21 27 30.95	.....	+70 9 1.5	....
2	ε Pegasi	9	39 38.01	− 0.48	**− 3.52**	330 27 52.55	46.848	−14.76	− 32.2	21 39 34.01	.....	+ 9 26 44.1	....
3	η Piscis Australis (*mean*)	9	55 30.07	− 0.64	− 3.52	292 9 51.85	43.610	−14.76	−2 19.0	21 55 25.91	− 2.94	−28 54 17.3	−17.2
4	ι Pegasi	9	2 42.27	− 0.47	**− 3.49**	345 53 53.55	47.366	−14.76	− 14.3	22 2 38.28	.....	+24 53 14.7	....
5	θ Pegasi	7	5 31.22	− 0.48	**− 3.39**	326 45 51.18	45.692	−14.76	− 37.4	22 5 27.22	.....	+ 5 44 11.1	....
6	θ Aquarii	9	11 56.19	− 0.52	**− 3.54**	312 47 52.28	43.488	−14.76	−1 1.6	22 11 52.15	.....	− 8 15 2.4	....
7	32 Pegasi	9	17 3.09	− 0.47	− 3.52	348 51 54.50	47.859	−14.76	− 11.2	22 16 59.10	− 3.04	+25 51 30.0	−21.5
8	38 Pegasi	8	25 48.23	− 0.48	− 3.52	353 5 54.10	47.818	−14.76	− 6.8	22 25 44.23	− 3.17	+32 5 33.1	−21.0
[illegible]	η Aquarii	9	30 35.42	− 0.52	**− 3.54**	320 25 51.55	45.414	−14.76	− 47.1	22 30 31.38	.....	− 0 36 4.6	....
10	λ Pegasi	9	42 4.25	− 0.47	**− 3.46**	344 5 53.65	44.988	−14.76	− 16.2	22 42 0.26	.....	+23 4 18.6	....
11	μ Pegasi	9	45 32.16	− 0.47	**− 3.54**	345 5 53.42	50.354	−14.76	− 15.1	22 45 28.17	.....	+24 6 22.1	....
12	δ Aquarii	8	49 43.58	− 0.56	**− 3.60**	304 43 45.28	44.216	−14.76	−1 22.2	22 49 39.50	.....	−16 19 13.3	....
13	c^1 Aquarii	9	1 41.75	− 0.61	− 3.52	296 47 51.12	45.722	−14.76	−1 52.4	23 1 37.62	− 2.84	−24 15 3.2	−19.2
14	φ Aquarii	9	9 31.05	− 0.52	**− 3.53**	314 27 49.85	47.960	−14.76	− 58.1	23 9 27.01	.....	− 6 33 19.1	....
15	γ Piscium	9	12 21.45	− 0.49	**− 3.60**	323 47 51.40	45.782	−14.76	− 41.7	23 12 17.44	.....	+ 2 46 9.0	....
16	11 G. Sculptoris	9	16 18.88	− 0.64	− 3.52	293 33 51.42	43.795	−14.76	−2 10.0	23 16 14.72	− 2.82	−27 30 4.5	−19.3
17	υ Pegasi	9	20 45.27	− 0.47	**− 3.48**	343 53 53.48	47.366	−14.76	− 16.4	23 20 41.29	.....	+22 53 12.6	....
	September 11, Bs.												
18	Venus II, C	8	0 28.18	− 0.46	− 3.33	338 3 51.75	50.518	−15.09	− 22.1	9 0 24.39	− 0.49	+17 2 41.6	....
	September 12, Bs.												
19	Sun I	9	19 26.73	− 0.47	− 3.33	325 16	......	.....	. ....	11 19 22.93	+64.06	.. ..	....
20	Sun II	9	21 34.85	− 0.47	− 3.33	... .	......	.....	. ....	11 21 31.05	−64.06	.. ..	....
21	θ Capricorni	7	0 43.14	− 0.56	**− 3.31**	303 25 48.98	46.471	−14.62	−1 24.2	21 0 39.30	.....	−17 36 19.9	....
22	ν Aquarii	6	4 31.81	− 0.53	**− 3.34**	309 15 51.25	49.029	−14.62	−1 8.1	21 4 28.00	.....	−11 45 3.1	....
23	ζ Cygni	8	9 0.13	− 0.48	**− 3.29**	350 51 53.68	45.592	−14.62	− 8.9	21 8 56.37	.....	+29 50 39.8	....
24	α Cephei	9	16 26.38	− 0.66	− 3.28	23 11 54.45	46.108	−14.62	+ 24.0	21 16 22.44	.....	+62 11 25.1	....
25	ζ Capricorni	9	21 21.42	− 0.59	− 3.28	298 13 49.72	45.298	−14.62	−1 43.6	21 21 17.55	.....	−22 49 5.4	....
26	β Aquarii	9	26 40.04	− 0.51	**− 3.25**	315 1 50.12	48.624	−14.62	− 55.7	21 26 36.25	.....	− 5 59 1.1	....
27	ξ Aquarii	9	32 48.27	− 0.52	**− 3.23**	312 45 51.35	44.966	−14.62	−1 0.3	21 32 44.47	.....	− 8 16 28.1	....
28	41 Capricorni	9	36 43.04	− 0.60	− 3.28	297 21 48.88	44.996	−14.62	−1 47.5	21 36 39.16	− 2.86	−23 41 17.0	−17.1
29	ε Pegasi	9	39 37.76	− 0.48	**− 3.28**	330 27 51.20	46.916	−14.62	− 31.6	21 39 34.00	.....	+ 9 26 45.0	....
30	158 B. Cephei	8	51 50.56	− 0.98	− 3.28	34 15 54.78	45.860	−14.62	+ 38.3	21 51 46.30	.....	+73 15 33.8	....
31	Saturn I, C	5	3 10.11	− 0.54	− 3.28	307 17 53.00	50.151	−14.62	−1 13.4	22 3 6.29	+ 0.55	−13 44 16.2	....
32	Saturn II	5	3 11.21	− 0.54	− 3.28	... .	......	.....	. ....	22 3 7.39	− 0.55	.. ..	....
33	π Aquarii	9	20 32.16	− 0.49	**− 3.30**	321 55 56.85	45.701	−19.40	− 43.8	22 20 28.39	.....	+ 0 54 5.9	....
34	7 Lacertæ	8	27 29.98	− 0.54	− 3.28	10 49 53.12	43.056	−14.62	+ 10.8	22 27 26.16	.....	+49 48 0.9	....
35	η Aquarii	9	30 35.17	− 0.50	**− 3.31**	320 25 50.95	45.394	−14.62	− 46.2	22 30 31.39	.....	− 0 36 4.6	....
36	ε Piscis Australis	9	35 31.04	− 0.62	− 3.28	293 31 50.35	43.846	−14.62	−2 7.8	22 35 27.14	.....	−27 32 2.1	....
37	λ Pegasi	9	42 4.11	− 0.47	**− 3.32**	344 5 52.48	45.017	−14.62	− 15.9	22 42 0.37	.....	+23 4 18.5	....
38	λ Aquarii	9	47 46.21	− 0.52	**− 3.29**	312 57 51.15	44.202	−14.62	−1 0.0	22 47 42.42	.....	− 8 4 45.4	....
39	Moon I	9	59 57.28	− 0.53	− 3.27	312 46	......	.....	. ....	22 59 53.48	+62.40	.. ..	....
	September 12, Hl.												
40	ε Andromedæ	8	33 39.26	− 0.49	**− 3.48**	349 50	......	.....	. ....	0 33 35.25	.....	+28 47	....
41	73 G. Ceti	9	40 9.22	− 0.61	− 3.52	298 31 49.88	44.509	−15.01	−1 42.2	0 40 5.09	− 2.63	−22 31 22.2	−19.1
42	59 H^1. Cassiopeiæ	9	45 7.04	− 0.72	− 3.52	24 43 54.50	47.462	−15.01	+ 25.8	0 45 2.80	− 5.49	+63 43 57.5	− 6.0
43	72 Piscium	9	0 11.33	− 0.48	− 3.52	335 25 51.68	50.970	−15.01	− 25.5	1 0 7.33	− 2.94	+14 26 23.8	−14.0
44	χ Piscium	9	6 27.79	− 0.48	− 3.52	341 33 51.90	44.400	−15.01	− 18.6	1 6 23.79	− 3.05	+20 32 0.8	−12.5
45	α Ursæ Minoris	9	26 24.11	−12.13	− 3.52	49 47 55.25	45.704	−15.01	+1 6.2	1 26 8.46	.....	+88 47 58.5	....
46	50 Cassiopeiæ	9	55 29.93	− 0.96	− 3.52	32 57 54.55	46.270	−15.01	+ 36.3	1 55 25.45	.....	+71 57 40.6	....
47	ξ^1 Ceti	9	8 4.46	− 0.49	**− 3.51**	329 25 50.90	45.832	−15.01	− 32.9	2 8 0.45	.....	+ 8 24 18.2	....
48	67 Ceti	9	12 21.09	− 0.53	**− 3.47**	314 9 50.35	47.915	−15.01	− 57.4	2 12 17.04	.....	− 6 51 19.2	....
49	ξ^2 Ceti	9	23 12.98	− 0.49	**− 3.49**	329 3 53.08	45.682	−15.01	− 33.4	2 23 8.97	.....	+ 8 2 16.5	....
50	ν Ceti	9	30 59.80	− 0.50	**− 3.54**	326 11 51.08	47.695	−15.01	− 37.3	2 30 55.78	.....	+ 5 10 56.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 22 23	30.08	61.1	58.8
23 2	30.07	59.4	....
23 26	30.07	59.8	59.0
11 9 0	29.79	73.6	72.7
12 21 1	29.81	66.8	66.1
21 52	......	....	64.7
22 3	29.81	65.0	63.8
22 30	......	....	64.1
23 0	29.79	64.8	64.2
0 21	29.78	65.7	65.9
0 51	......	....	65.2
1 10	......	....	65.0
1 38	......	....	65.1
1 50	29.765	65.5	....
2 3	......	....	65.4
2 28	......	....	64.9

Micrometer bisections are made at II, VI, except as noted below.

18, 31. Z. D. threads C used.
18. Bisections at I, II, VI.
31, 41. Bisections at I, II, VI, VII.
45. Bisections at b_3, b_4, b_5, b_6, b_7.
48. Bisections at II, VI, VII.
49. Bisections at VI, VII.

Notes.

3. Assumed that mean was observed.
23. Micrometer reading decreased 1 rev.
33. Two microscopes used.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
18	+ 2.7	.. ....	+0.1	+ 2.8
31	+ 0.8	.. ....	...	+ 0.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Persei	9	43 53.95	− 0.60	− 3.52	16 31 53.68	42.842	−15.01	+ 16.7	2 43 49.83	− 4.19	+55 30 2.1	+ 4.5
2	η Eridani	9	51 53.43	− 0.54	− **3.48**	311 45 50.28	45.500	−15.01	−1 2.5	2 51 49.37	.....	− 9 16 19.5	....
3	57 B. Ursæ Minoris s. p.	7	7 0.86	+ 5.86	− 3.52	53 23 54.82	45.002	−15.01	+1 15.5	15 7 3.20	.....	+87 36 8.3	....
4	Jupiter I, C	5	18 16.40	− 0.48	− 3.51	341 23 51.90	44.066	−15.01	− 18.8	4 18 12.41	+ 1.45	+20 23 35.9	....
5	Jupiter II	5	18 19.31	− 0.48	− 3.51	... .	......	.....	. ....	4 18 15.32	− 1.46	.. ..	....
6	Venus II, C	9	5 16.74	− 0.48	− 3.51	337 45 51.42	53.294	−15.38	− 22.5	9 5 12.75	− 0.48	+16 45 44.1	....
	September 13, Hl.												
7	Sun I, N	9	23 2.13	− 0.49	− 3.50	325 9 51.62	46.500	−14.82	− 37.9	11 22 58.14	+64.04	+ 4 8 29.1	....
8	Sun II, S	9	25 10.21	− 0.49	− 3.50	324 37 51.08	47.015	−14.82	− 38.6	11 25 6.22	−64.04	+ 3 36 40.3	....
	September 13, Bs.												
9	Moon N	.	.. ..	.....	....	316 55 50.55	48.944	−13.61	− 53.3	23 48	.....	− 4 4 46.7	....
10	Moon S	.	.. ..	.....	....	316 25 49.28	49.236	−13.61	− 54.3	.. ..	.....	− 4 34 49.0	....
11	20 Ceti	7	48 15.70	− 0.50	− **3.31**	319 21 50.58	47.606	−13.76	− 49.2	0 48 11.98	.....	− 1 39 16.6	....
12	1 B. Ursæ Minoris	7	58 12.54	−10.10	− 3.22	49 31 55.85	42.842	−13.76	+1 7.5	0 57 59.22	−70.75	+88 30 55.4	− 0.9
13	γ Arietis (*south*)	9	48 25.52	− 0.46	− 3.22	339 51 52.52	44.123	−13.76	− 21.1	1 48 21.84	− 2.93	+18 49 53.8	−10.0
14	50 Cassiopeiæ	9	55 29.50	− 0.96	− 3.22	32 57 53.70	46.232	−13.76	+ 37.6	1 55 25.32	.....	+71 57 41.5	....
15	β Trianguli	9	4 0.29	− 0.48	− 3.22	355 33 52.05	44.718	−13.76	− 4.4	2 3 56.59	.....	+34 32 23.6	....
16	6 Persei	9	7 24.66	− 0.56	− 3.22	11 37 53.35	46.914	−13.76	+ 12.0	2 7 20.88	− 4.05	+50 37 31.4	− 0.5
17	94 Ceti	9	8 1.51	− 0.49	− 3.22	319 27 49.85	48.706	−13.84	− 49.5	3 7 57.80	− 2.28	− 1 32 52.5	−10.3
18	ζ Eridani	9	11 18.94	− 0.51	− 3.22	311 51 51.30	46.072	−13.85	−1 4.6	3 11 15.21	− 2.16	− 9 10 6.4	−12.1
19	τ^1 Arietis	9	15 50.70	− 0.46	− **3.16**	341 49 51.32	45.380	−13.86	− 19.0	3 15 47.02	.....	+20 48 23.3	....
20	ξ Tauri	9	22 7.28	− 0.47	− **3.24**	330 25 50.45	45.686	−13.88	− 32.9	3 22 3.59	.....	+ 9 24 15.6	....
21	ε Eridani	9	28 33.02	− 0.51	− **3.22**	311 13 50.45	50.277	−13.90	−1 6.1	3 28 29.29	.....	− 9 46 32.7	....
22	θ Ursæ Minoris s. p.	8	34 9.91	+ 1.14	− 3.22	63 19 54.90	42.970	−13.92	+1 55.6	15 34 7.83	+ 4.93	+77 40 12.9	−17.8
23	η Tauri	9	41 56.33	− 0.46	− **3.16**	344 49 52.45	46.141	−13.94	− 15.7	3 41 52.65	.....	+23 48 45.1	....
24	ζ Ursæ Minoris s. p.	9	47 22.79	+ 1.19	− 3.22	62 53 55.18	44.922	−13.96	+1 53.5	15 47 20.76	.....	+78 5 30.1	....
25	λ Persei	9	59 37.16	− 0.55	− 3.21	11 5 54.25	46.916	−14.00	+ 11.5	3 59 33.40	− 3.31	+50 5 31.6	+ 9.4
26	p Tauri	9	5 8.77	− 0.46	− 3.21	347 15 53.48	44.046	−14.02	− 13.1	4 5 5.10	− 2.49	+26 14 0.7	+ 2.0
27	μ Tauri	9	10 28.24	− 0.47	− 3.21	329 41 51.25	43.378	−14.03	− 33.9	4 10 24.56	− 2.13	+ 8 39 22.5	− 3.6
28	γ Tauri	9	14 29.07	− 0.46	− **3.21**	336 25 51.98	44.543	−14.05	− 25.3	4 14 25.40	.....	+15 23 58.4	....
29	Jupiter I, C	5	18 26.01	− 0.46	− 3.21	341 25 51.00	39.648	−14.06	− 19.5	4 18 22.34	+ 1.58	+20 23 54.3	....
30	Jupiter II	5	18 29.16	− 0.46	− 3.21	... .	......	.....	. ....	4 18 25.49	− 1.57	.. ..	....
31	ρ Tauri	9	28 33.13	− 0.46	− 3.21	335 39 52.22	46.605	−14.09	− 26.2	4 28 29.46	− 2.13	+14 38 44.8	− 0.5
32	70 Ursæ Minoris s. p.	9	34 41.03	+ 1.14	− 3.21	63 21 53.42	42.274	−14.11	+1 55.8	16 34 38.96	+ 3.36	+77 38 30.2	−22.7
	September 14, Bs.												
33	Sun I, N	9	26 37.15	− 0.45	− 3.17	324 47 52.18	44.082	−15.68	− 40.2	11 26 33.53	+64.13	+ 3 45 31.2	....
34	Sun II, S	8	28 45.42	− 0.45	− 3.17	324 15 53.55	44.376	−15.68	− 41.0	11 28 41.80	−64.14	+ 3 13 39.2	....
35	κ Aquilæ	9	31 52.89	− 0.50	− **3.12**	313 47 51.88	46.040	−13.93	− 59.9	19 31 49.26	.....	− 7 14 1.9	....
36	β Sagittæ	9	36 52.72	− 0.45	− **3.13**	338 15 53.40	49.050	−13.95	− 22.9	19 36 49.14	.....	+17 15 45.3	....
37	δ Cygni	9	42 6.13	− 0.50	− 3.13	5 55 55.62	44.208	−13.97	+ 6.0	19 42 2.50	.....	+44 54 25.6	....
38	166 B. Camelopardalis s. p.	9	48 52.52	+ 0.88	− 3.13	66 47 57.10	48.112	−13.99	+2 14.2	7 48 50.27	.....	+74 9 54.8	....
39	γ Sagittæ	9	54 37.86	− 0.45	− **3.15**	340 15 52.42	45.600	−14.01	− 20.6	19 54 34.28	.....	+19 14 27.7	....
40	4 B. Ursæ Minoris s. p.	5	2 48.90	+13.50	− 3.13	52 3 56.38	48.766	−14.04	+1 14.1	8 2 59.27	.....	+88 54 40.9	....
41	β Capricorni	9	15 46.82	− 0.54	− **3.14**	305 57 50.90	45.342	−14.09	−1 19.2	20 15 43.15	.....	−15 4 38.3	....
42	40 Cygni	9	24 9.18	− 0.47	− 3.13	359 9 54.48	43.840	−14.12	− 0.8	20 24 5.58	− 2.53	+38 8 9.2	−26.7
43	ε Delphini	9	28 46.62	− 0.45	− **3.17**	331 59 52.30	47.986	−14.13	− 30.6	20 28 43.04	.....	+10 59 12.0	....
44	β Delphini	9	33 11.84	− 0.45	− 3.13	335 17 52.22	45.370	−14.15	− 26.5	20 33 8.26	.....	+14 16 16.2	....
45	ε Cygni	9	42 28.28	− 0.45	− 3.13	354 37 54.00	47.109	−14.18	− 5.4	20 42 24.70	.....	+33 37 18.7	....
46	76 Draconis	9	49 41.97	− 1.89	− 3.13	43 11 53.65	44.263	−10.56	+ 54.3	20 49 36.95	.....	+82 11 16.0	....
47	98 B. Cephei	8	7 34.49	− 1.22	− 3.13	38 45 56.45	43.702	−14.27	+ 46.4	21 7 30.14	.....	+77 44 54.4	....
48	α Equulei	9	11 10.81	− 0.46	− **3.15**	325 53 51.78	44.360	−14.28	− 39.0	21 11 7.22	.....	+ 4 51 40.1	....
49	α Cephei	9	16 26.09	− 0.62	− 3.13	23 11 56.20	45.996	−14.30	+ 24.8	21 16 22.34	.....	+62 11 25.4	....
50	ζ Capricorni	9	21 21.37	− 0.60	− 3.13	298 13 50.90	45.350	−14.32	−1 46.8	21 21 17.64	.....	−22 49 5.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 2 56	29.78	65.3	64.3
3 18	......	....	64.0
4 18	29.78	64.7	63.9
9 5	29.84	72.8	73.2
13 11 25	29.83	78.0	78.7
23 49	30.01	60.3	57.2
0 48	30.02	57.8	55.0
1 48	30.03	55.6	53.0
3 34	30.05	53.2	50.1
4 18	30.07	52.4	50.1
4 34	30.07	52.5	49.9
14 11 29	30.13	63.9	60.3
19 32	30.11	57.8	55.8
20 3	30.10*	56.9	55.1
20 33	......	....	54.8
21 21	30.10	56.9	54.8

Micrometer bisections are made at II, VI, except as noted below.

3. Bisections at b_4, b_5, b_6.
4, 29. Z. D. threads A used.
4, 6, 29. Bisections at I, II, VI, VII.
6. Z. D. threads C used.
7, 9, 33. Bisections at I, II.
8, 10, 34. Bisections at VI, VII.
12. Bisections at III, IV, V.
40. Bisections at b_3, b_5, b_7.
46. Bisections at II, IV, VI.

Notes.

46. Two microscopes used.
* Barometer reading changed from 31.00 in. to 30.10 in.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 0.6	.. ....	...	+ 0.6
6	+ 2.7	.. ....	+0.1	+ 2.8
7	+ 5.0	−15 54.4	...	−15 49.4
8	+ 5.0	+15 54.4	...	+15 59.4
9	+36 57.9	−14 50.7	0.0	+22 7.2
10	+37 18.8	+14 50.7	...	+52 9.5
29	+ 0.6	.. ....	...	+ 0.6
33	+ 5.0	−15 56.0	...	−15 51.0
34	+ 5.1	+15 55.9	...	+16 1.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ρ Cygni	9	30 31.18	− 0.48	− 3.13	6 11 56.08	45.030	−14.35	+ 6.3	21 30 27.57	− 3.15	+45 10 44.8	−24.8
2	γ Capricorni	9	34 56.26	− 0.56	− **3.12**	303 57 51.50	44.122	−14.37	−1 25.4	21 34 52.57	.....	−17 5 12.0	....
3	16 Pegasi	9	48 50.79	− 0.44	− **3.08**	346 29 55.15	46.904	−14.41	− 13.8	21 48 47.22	.....	+25 29 6.6	....
4	Saturn I, C	5	2 39.10	− 0.54	− 3.13	307 15 52.45	48.295	−14.46	−1 16.0	22 2 35.43	+ 0.67	−13 47 1.6	....
5	Saturn II	5	2 40.45	− 0.54	− 3.13	... .	......	.....	. ....	22 2 36.78	− 0.68	.. ..	....
	September 14, Hl.												
6	44 Piscium	9	20 38.67	− 0.46	− **3.40**	322 25 52.38	48.472	−14.41	− 44.5	0 20 34.84	.....	+ 1 25 9.1	....
7	η Cassiopeiæ	9	43 29.81	− 0.52	− 3.37	18 19 53.22	44.869	−14.41	+ 19.3	0 43 25.92	− 4.76	+57 18 51.0	− 8.0
8	1 B. Ursæ Minoris	8	58 16.71	− 9.06	− 3.37	49 31 57.58	42.722	−14.41	+1 8.2	0 58 4.28	−71.07	+88 30 55.4	− 1.2
9	6 Persei	9	7 24.83	− 0.47	− 3.37	11 37 52.98	46.940	−14.41	+ 12.1	2 7 20.99	− 4.08	+50 37 31.0	− 0.7
10	67 Ceti	9	12 21.03	− 0.49	− **3.41**	314 9 51.15	47.990	−14.41	− 59.8	2 12 17.17	.....	− 6 51 18.5	....
11	ξ² Ceti	9	23 12.87	− 0.44	− **3.39**	329 3 51.58	45.815	−14.41	− 34.8	2 23 9.06	.....	+ 8 2 17.2	....
12	142 H^1. Cephei	9	34 19.88	− 1.54	− 3.37	42 3 55.22	42.925	−14.41	+ 52.6	2 34 14.97	−12.24	+81 2 40.7	+ 8.7
13	41 Arietis	9	44 30.09	− 0.42	− **3.35**	347 53 50.75	44.890	−14.41	− 12.4	2 44 26.30	.....	+26 52 17.6	....
14	λ Ceti	9	54 43.64	− 0.44	− 3.37	329 33 51.65	44.808	−14.41	− 34.2	2 54 39.83	− 2.52	+ 8 31 54.9	− 8.3
15	τ³ Eridani	9	58 18.21	− 0.60	− 3.37	297 3 49.40	44.628	−14.41	−1 53.4	2 58 14.24	.....	−23 59 30.6	....
16	94 Ceti	9	8 1.59	− 0.47	− 3.37	319 27 51.75	48.680	−14.41	− 49.7	3 7 57.75	− 2.30	− 1 32 52.0	−10.3
17	ε Eridani	9	28 33.17	− 0.50	− **3.36**	311 15 50.20	45.038	−14.41	−1 6.2	3 28 29.30	.....	− 9 46 33.3	....
18	ν Persei	9	38 28.12	− 0.42	− 3.36	352 59 53.90	47.102	−14.41	− 7.1	3 38 24.34	− 2.82	+31 59 16.6	+ 1.9
19	ζ Ursæ Minoris s. P.	8	47 23.35	+ 1.09	− 3.36	62 53 56.32	44.865	−14.41	+1 53.7	15 47 21.08	.....	+78 5 30.5	....
20	λ Persei	9	59 37.36	− 0.47	− 3.36	11 5 54.42	46.880	−14.41	+ 11.5	3 59 33.53	− 3.35	+50 5 30.5	+ 9.3
21	μ Tauri	9	10 28.46	− 0.44	− 3.36	329 41 52.50	43.335	−14.41	− 34.0	4 10 24.66	− 2.16	+ 8 39 22.3	− 3.6
22	Jupiter I, C	4	18 35.30	− 0.42	− 3.36	341 25 51.10	40.379	−14.41	− 19.5	4 18 31.52	+ 1.44	+20 24 10.7	....
23	Jupiter II	5	18 38.19	− 0.42	− 3.36	... .	......	.....	. ....	4 18 34.41	− 1.45	.. ..	....
24	α Tauri	9	30 34.07	− 0.42	− **3.34**	337 19 54.55	47.522	−14.41	− 24.3	4 30 30.29	.....	+16 19 9.7	....
25	μ Eridani	9	40 50.72	− 0.47	− **3.30**	317 35 53.32	46.926	−14.41	− 53.1	4 40 46.89	.....	− 3 25 33.9	....
26	Venus II, C	9	14 52.18	− 0.43	− 3.35	337 11 56.42	49.530	−15.30	− 23.9	9 14 48.40	− 0.48	+16 10 21.7	....
	September 15, Hl.												
27	Sun I, S	9	30 12.57	− 0.46	− 3.34	323 51 56.12	46.780	−15.31	− 41.0	11 30 8.77	+63.99	+ 2 50 36.4	....
28	Sun II, N	9	32 20.56	− 0.46	− 3.34	324 23 55.88	46.340	−15.31	− 40.2	11 32 16.76	−64.00	+ 3 22 27.6	....
29	ν Aquarii	9	4 31.86	− 0.56	− **3.38**	309 15 55.90	48.842	−14.28	−1 9.3	21 4 27.99	.....	−11 45 3.6	....
30	ζ Cygni	9	9 0.08	− 0.47	− **3.29**	350 51 57.68	45.450	−14.28	−1 9.1	21 8 56.30	.....	+29 50 40.7	....
31	1 H. Draconis s. P.	9	23 32.40	+ 1.56	− 3.31	59 15 59.68	43.078	−14.28	+1 35.6	9 23 30.65	.....	+81 44 25.6	....
32	γ Capricorni	9	34 56.47	− 0.59	− **3.31**	303 57 54.32	43.960	−14.28	−1 24.2	21 34 52.57	.....	−17 5 11.6	....
33	109 B. Ursæ Majoris s. P.	9	49 54.60	+ 0.72	− 3.31	67 40	......	.....	. ....	9 49 52.01	.....	+73 19	....
34	Saturn I, C	5	2 24.18	− 0.57	− 3.31	307 13 54.18	49.865	−14.28	−1 14.8	22 2 20.30	+ 0.62	−13 48 22.6	....
35	Saturn II	6	2 25.42	− 0.57	− 3.31	... .	......	.....	. ....	22 2 21.54	− 0.62	.. ..	....
36	γ Aquarii	9	16 51.68	− 0.52	− **3.32**	319 10	......	.....	. ....	22 16 47.85	.....	− 1 51	....
37	π Aquarii	9	20 32.19	− 0.50	− **3.33**	321 55 55.40	45.550	−14.28	− 44.6	22 20 28.38	.....	+ 0 54 5.3	....
	September 15, Bs.												
38	Moon II, N	9	22 56.64	− 0.52	− 3.05	325 1 55.90	46.081	−14.78	− 40.0	1 22 53.07	−61.10	+ 4 0 20.3	....
39	ο Piscium	9	40 28.89	− 0.49	− **3.04**	329 41 55.50	47.543	−14.78	− 33.4	1 40 25.35	.....	+ 8 41 1.7	....
40	γ Arietis (*south*)	9	48 25.40	− 0.47	− 3.05	339 51 56.88	43.951	−14.78	− 21.0	1 48 21.88	− 2.97	+18 49 53.3	−10.2
41	50 Cassiopeiæ	9	55 29.18	− 0.87	− 3.05	32 57 58.50	46.120	−14.78	+ 37.3	1 55 25.26	.....	+71 57 42.4	....
42	β Trianguli	9	4 0.05	− 0.47	− 3.05	355 33 56.40	44.600	−14.78	− 4.4	2 3 56.53	.....	+34 32 24.2	....
43	6 Persei	9	7 24.52	− 0.53	− 3.05	11 37 57.35	46.786	−14.78	+ 11.9	2 7 20.94	− 4.10	+50 37 31.3	− 1.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 22 3	30.11	54.3	52.6
0 14	30.12*	53.6	52.0
0 39	......	....	51.3
1 7	......	....	50.7
1 58	30.10	51.7	50.0
2 16	......	....	50.0
2 42	......	....	50.0
3 3	......	....	49.6
3 13	30.085	50.0	....
3 20	......	....	50.0
3 52	......	....	49.8
4 7	......	....	49.9
4 23	......	....	49.8
4 48	30.095	50.8	49.2
9 15	30.145	62.4	62.1
15 11 32	30.13	67.7	67.2
20 53	30.06	62.3	61.1
21 15	......	....	61.0
21 38	......	....	60.8
21 55	......	....	60.2
22 9	[illegible]	61.2	....
22 33	[illegible]	60.7	60.0
1 23	30.03	58.1	57.1

Micrometer bisections are made at II, VI, except as noted below.

4, 26, 34. Z. D. threads C used.
4, 7, 12, 22, 25, 26, 34. Bisections at I, II, VI, VII.
8. Bisections at b_1, b_2, b_3.
21. Bisections at II, VI, VII.
22. Z. D. threads A used.
27. Bisections at I, II.
28. Bisections at VI, VII.
38. Bisections at II, III, IV, V, VI.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 0.8	.. ....	...	+ 0.8
22	+ 0.6	.. ....	...	+ 0.6
26	+ 2.8	.. ....	+ 0.1	+ 2.9
27	+ 5.1	+15 55.6	...	+16 0.7
28	+ 5.1	−15 55.6	...	−15 50.5
34	+ 0.8	.. ....	...	+ 0.8
38	+30 45.2	−14 45.4	...	+15 59.8

Notes.

33. Clouds and haze.
* Barometer reading changed from 31.12 in. to 30.12 in.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	67 Ceti	9	12 20.76	− 0.54	− **3.07**	314 9 54.90	47.760	−14.78	− 58.9	2 12 17.17	.....	− 6 51 19.4	....
2	κ Fornacis	9	18 17.81	− 0.64	− 3.05	296 47 53.25	46.880	−14.78	−1 52.8	2 18 14.12	.....	−24 14 35.1	....
3	5 Ursæ Minoris s. p.	9	27 39.28	+ 0.87	− 3.05	64 51 59.42	45.079	−14.78	+2 2.0	14 27 37.10	.....	+76 7 14.9	....
4	142 H¹. Cephei	9	34 19.11	− 1.58	− 3.05	42 3 59.18	42.824	−14.78	+ 51.8	2 34 14.48	−12.39	+81 2 41.7	+ 8.5
5	41 Arietis	9	44 29.81	− 0.46	− **3.00**	347 53 56.48	44.512	−14.78	− 12.2	2 44 26.30	.....	+26 52 14.5	....
6	λ Ceti	9	54 43.37	− 0.48	− 3.05	329 33 55.28	44.619	−14.78	− 33.6	2 54 39.84	− 2.54	+ 8 31 54.4	− 8.4
7	τ³ Eridani	8	58 18.01	− 0.63	− 3.05	297 3 54.12	44.320	−14.78	−1 51.5	2 58 14.33	.....	−23 59 31.4	....
8	94 Ceti	9	8 1.39	− 0.50	− 3.05	319 27 54.35	48.503	−14.78	− 48.9	3 7 57.84	− 2.32	− 1 32 53.0	−10.4
9	ζ Eridani	9	11 18.89	− 0.54	− 3.05	311 51 54.92	45.856	−14.78	−1 3.8	3 11 15.30	− 2.21	− 9 10 7.8	−12.1
10	τ¹ Arietis	9	15 50.60	− 0.45	− **3.01**	341 49 56.42	45.156	−14.78	− 18.8	3 15 47.10	.....	+20 48 22.6	....
11	ξ Tauri	9	22 7.11	− 0.47	− **3.02**	330 25 55.10	45.472	−14.78	− 32.5	3 22 3.59	.....	+ 9 24 14.8	....
12	ε Eridani	9	28 32.95	− 0.53	− **3.08**	311 15 54.45	44.824	−14.78	−1 5.2	3 28 29.37	.....	− 9 46 33.3	....
13	θ Ursæ Minoris s. p.	9	34 9.78	+ 1.00	− 3.05	63 19 59.60	42.861	−14.78	+1 54.0	15 34 7.73	+ 5.11	+77 40 13.4	−17.5
14	η Tauri	9	41 56.22	− 0.45	− **3.01**	344 49 56.80	45.958	−14.78	− 15.5	3 41 52.72	.....	+23 48 44.6	....
15	ζ Ursæ Minoris s. p.	9	47 22.51	+ 1.04	− 3.05	62 53 59.82	44.878	−14.78	+1 52.0	15 47 20.50	.....	+78 5 29.1	....
16	λ Persei	9	59 37.02	− 0.50	− 3.04	11 5 58.92	46.738	−14.78	+ 11.3	3 59 33.48	− 3.39	+50 5 31.2	+ 9.2
17	p Tauri	9	5 8.61	− 0.44	− 3.04	347 15 56.80	43.908	−14.78	− 12.9	4 5 5.13	− 2.55	+26 14 0.3	+ 1.8
18	μ Tauri	9	10 28.18	− 0.46	− 3.04	329 41 55.22	43.190	−14.78	− 33.5	4 10 24.68	− 2.18	+ 8 39 21.8	− 3.7
19	γ Tauri	9	14 28.97	− 0.45	− **3.07**	336 25 54.92	44.434	−14.78	− 25.0	4 14 25.48	.....	+15 23 58.4	....
20	Jupiter I, C	5	18 43.42	− 0.44	− 3.04	341 25 55.60	40.834	−14.78	− 19.2	4 18 39.94	+ 1.52	+20 24 25.5	....
21	Jupiter II	5	18 46.45	− 0.44	− 3.04	... .	......	.....	. ....	4 18 42.97	− 1.51	.. ..	....
22	Venus II, C	9	19 39.12	− 0.43	− 3.06	336 53 55.30	48.492	−14.75	− 23.9	9 19 35.63	− 0.48	+15 51 57.5	....
	September 16, Bs.												
23	Sun I, S	9	33 47.61	− 0.46	− 3.05	323 27 54.92	49.044	−14.74	− 40.9	11 33 44.10	+64.05	+ 2 27 27.6	....
24	Sun II, N	8	35 55.71	− 0.46	− 3.05	323 59 54.65	48.648	−14.74	− 40.1	11 35 52.20	−64.05	+ 2 59 19.7	....
	September 18, Hl.												
25	212 H¹. Draconis	9	30 33.41	− 1.13	− 3.19	33 11 53.70	49.815	− 9.98	+ 36.1	20 30 29.09	.....	+72 13 5.4	....
26	3 Aquarii	9	42 49.77	− 0.44	− 3.19	315 39 47.70	45.240	− 9.98	− 53.5	20 42 46.14	.....	− 5 22 14.0	....
27	76 Draconis	9	49 42.70	− 2.41	− 3.19	43 11 54.35	44.385	− 9.98	+ 51.7	20 49 37.10	.....	+82 11 17.1	....
28	θ Capricorni	9	0 42.92	− 0.47	− **3.24**	303 25 48.62	46.195	− 9.98	−1 22.9	21 0 39.26	.....	−17 36 20.6	....
29	ζ Cygni	9	8 59.94	− 0.48	− **3.17**	350 51 51.16	45.560	− 9.98	− 8.8	21 8 56.27	.....	+29 50 41.3	....
30	4 Piscis Australis	9	12 17.46	− 0.54	− 3.19	288 29 48.25	45.468	− 9.98	−2 42.3	21 12 13.73	.....	−32 33 57.0	....
31	1 H. Draconis s. p.	9	23 31.81	+ 2.10	− 3.19	59 15 54.32	43.315	− 9.98	+1 32.5	9 23 30.72	.....	+81 44 24.4	....
32	74 Cygni	9	33 15.12	− 0.52	− 3.18	0 59 51.95	47.630	− 9.98	+ 1.0	21 33 11.42	.....	+39 59 39.1	....
33	λ Capricorni	9	41 31.74	− 0.46	− 3.18	309 13 49.85	46.595	− 9.98	−1 7.2	21 41 28.10	− 2.75	−11 47 54.6	−19.0
34	109 B. Ursæ Majoris s. p.	9	49 54.18	+ 0.98	− 3.18	67 39 54.22	43.720	− 9.98	+2 13.7	9 49 51.98	.....	+73 19 34.5	....
35	η Piscis Australis (*mean*)	9	55 29.50	− 0.52	− 3.18	292 9 49.40	43.285	− 9.98	−2 14.2	21 55 25.80	− 2.89	−28 54 17.6	−16.0
36	α Aquarii	9	1 0.73	− 0.44	− **3.18**	320 15 49.52	44.088	− 9.98	− 45.8	22 0 57.11	.....	− 0 46 30.9	....
37	γ Aquarii	9	16 51.42	− 0.44	− **3.14**	319 9 49.42	46.688	− 9.98	− 47.6	22 16 47.80	.....	− 1 51 35.2	....
38	π Aquarii	9	20 31.98	− 0.44	− **3.18**	321 55 49.70	45.550	− 9.98	− 43.2	22 20 28.36	.....	+ 0 54 5.3	....
39	31 Cephei	9	33 36.12	− 1.19	− 3.18	34 9 52.98	45.240	− 9.98	+ 37.6	22 33 31.75	− 6.43	+73 9 21.8	−20.1
40	13 Lacertæ	9	39 58.28	− 0.53	− 3.18	2 19 52.10	47.510	− 9.98	+ 2.3	22 39 54.57	− 3.44	+41 19 37.9	−21.9
41	α Pegasi	9	0 8.28	− 0.44	− **3.15**	335 43 50.72	44.552	− 9.98	− 24.9	23 0 4.66	.....	+14 42 1.8	....
42	π Cephei	9	5 4.46	− 1.31	− 3.18	35 53 52.60	43.495	− 9.98	+ 40.1	23 4 59.97	.....	+74 52 44.0	....
43	υ Pegasi	9	20 44.94	− 0.45	− **3.13**	343 53 51.05	47.345	− 9.98	− 15.9	23 20 41.31	.....	+22 53 14.9	....
	September 18, Bs.												
44	67 Ceti	9	12 20.57	− 0.42	− **2.94**	314 9 49.18	47.698	−10.32	− 57.0	2 12 17.23	.....	− 6 51 20.2	....
45	ξ² Ceti	9	23 12.46	− 0.41	− **2.93**	329 3 48.30	45.640	−10.32	− 33.2	2 23 9.13	.....	+ 8 2 15.6	....
46	ν Ceti	9	30 59.22	− 0.41	− **2.92**	326 11 49.42	47.507	−10.32	− 37.1	2 30 55.89	.....	+ 5 10 55.5	....
47	μ Arietis	9	37 6.73	− 0.42	− 2.92	340 37 49.25	45.758	−10.32	− 19.5	2 37 3.39	− 2.89	+19 36 33.0	− 6.8
48	η Persei	9	43 53.50	− 0.61	− 2.92	16 31 52.58	42.759	−10.32	+ 16.5	2 43 49.97	− 4.40	+55 30 3.6	+ 3.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 2 12	......	....	56.2
2 55	30.01	57.5	56.6
3 29	......	....	56.2
4 19	30.02	57.2	56.3
9 20	30.04	67.8	67.7
16 11 36	30.03	73.1	73.7
18 20 16	29.895	76.3	76.0
20 39	......	....	75.9
20 58	......	....	75.7
21 17	......	....	75.2
21 38	......	....	75.0
21 48	29.895	74.9	....
22 3	......	....	73.2
22 25	......	....	73.0
22 53	......	....	73.0
23 13	......	....	72.1
23 33	29.90	72.7	72.0
2 12	29.88	71.2	70.2
2 44	......	....	70.0

Micrometer bisections are made at II, VI, except as noted below.

3.	Bisections at II, IV, VI.
13, 15.	Bisections at II, III, IV, V, VI.
20.	Z. D. threads A used.
20, 22, 25.	Bisections at I, II, VI, VII.
22.	Z. D. threads C used.
23.	Bisections at I, II.
24, 32.	Bisections at VI, VII.

Notes.

25.	Micrometer reading increased 1 rev.
29.	Microscope read before and after observation.
35.	Assumed that mean was observed.
44–48.	Fog.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
20	+ 0.6	.. ....	...	+ 0.6
22	+ 2.8	.. ....	+ 0.1	+ 2.9
23	+ 5.2	+15 56.0	...	+16 1.2
24	+ 5.1	−15 56.0	...	−15 50.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Eridani	9	51 52.87	− 0.42	− **2.91**	311 45 48.75	45.310	−10.32	−1 2.0	2 51 49.53	.....	− 9 16 20.2	....
2	57 B. Ursæ Minoris s. p.	9	6 53.78	+ 7.23	− 2.92	53 23 53.30	44.940	−10.32	+1 14.9	15 6 58.09	.....	+87 36 6.7	....
3	τ¹ Arietis	9	15 50.52	− 0.41	− **2.90**	341 49 50.70	45.194	−10.32	− 18.2	3 15 47.19	.....	+20 48 22.8	....
4	ο Tauri	9	19 47.84	− 0.40	− **2.95**	329 43 49.52	44.406	−10.32	− 32.4	3 19 44.52	.....	+ 8 41 49.5	....
5	σ Persei	8	23 59.33	− 0.53	− 2.92	8 41 51.20	43.014	−10.32	+ 8.6	3 23 55.88	− 3.64	+47 40 0.2	+ 5.0
6	ε Eridani	9	28 32.79	− 0.41	− **2.97**	311 13 48.45	50.041	−10.32	−1 3.2	3 28 29.46	.....	− 9 46 33.6	....
7	Moon II, N	9	45 40.28	− 0.41	− 2.92	335 19 49.82	48.861	−10.32	− 25.5	3 45 36.95	−63.37	+14 19 38.4	....
8	ε Persei	9	51 35.11	− 0.47	− 2.92	0 45 51.22	43.614	−10.32	+ 0.8	3 51 31.72	.....	+39 44 6.1	....
9	τ⁹ Eridani	9	55 57.82	− 0.46	− 2.92	296 45 51.35	45.858	−10.32	−1 49.7	3 55 54.44	− 1.86	−24 16 52.8	−13.5
10	151 H¹. Cephei	9	6 56.56	− 3.79	− 2.91	46 17 53.55	46.019	−10.32	+ 58.4	4 6 49.86	.....	+85 18 0.9	....
11	Jupiter I, C	5	19 3.23	− 0.40	− 2.91	341 25 49.58	42.200	−10.32	− 18.7	4 18 59.92	+ 1.56	+20 24 55.7	....
12	Jupiter II	5	19 6.35	− 0.40	− 2.91	... .	......	.....	. ....	4 19 3.04	− 1.56	.. ..	....
13	Venus II, S	9	33 56.87	− 0.43	− 2.92	335 55 49.90	44.316	−10.36	− 24.4	9 33 53.52	− 0.47	+14 53 55.7	....
	September 19, Bs.												
14	Sun N	.	.. ..	....	....	322 51 51.70	44.354	−10.08	− 41.0	11 45	.....	+ 1 49 40.8	....
15	Sun S	.	.. ..	....	....	322 19 58.00	44.400	−10.08	− 41.8	.. ..	.....	+ 1 17 49.0	....
16	β Capricorni	9	15 46.43	− 0.45	− **2.91**	305 57 57.75	44.646	− 9.15	−1 15.3	20 15 43.07	.....	−15 4 38.5	....
17	40 Cygni	9	24 8.87	− 0.53	− 2.91	359 10 1.45	43.368	− 9.15	− 0.8	20 24 5.43	− 2.44	+38 8 10.3	−27.5
18	ε Delphini	9	28 46.28	− 0.44	− **2.91**	331 59 59.65	47.408	− 9.15	− 29.1	20 28 42.93	.....	+10 59 12.6	....
19	β Delphini	9	33 11.45	− 0.44	− 2.91	335 17 58.62	44.815	− 9.15	− 25.2	20 33 8.10	.....	+14 16 16.3	....
20	ε Cygni	9	42 27.98	− 0.50	− 2.91	354 38 0.62	46.608	− 9.15	− 5.1	20 42 24.57	.....	+33 37 19.2	....
21	μ Aquarii	9	47 37.79	− 0.44	− **2.89**	311 41 58.28	45.488	− 9.15	−1 1.4	20 47 34.44	.....	− 9 20 4.8	....
22	7 Aquarii	9	51 52.03	− 0.44	− 2.91	310 57 58.25	47.340	− 9.15	−1 3.0	20 51 48.68	− 2.61	−10 3 24.2	−18.4
23	σ² Ursæ Majoris s. p.	9	2 4.00	+ 0.73	− 2.91	73 28 3.88	42.991	− 9.15	+3 3.2	9 2 1.82	.....	+67 30 51.4	....
24	α Equulei	9	11 10.49	− 0.44	− **2.89**	325 53 58.55	43.748	− 9.15	− 37.1	21 11 7.14	.....	+ 4 51 39.9	....
25	α Cephei	9	16 26.01	− 0.81	− 2.91	23 12 2.12	45.654	− 9.15	+ 23.6	21 16 22.29	.....	+62 11 27.5	....
26	ρ Cygni	9	30 30.98	− 0.58	− 2.91	6 12 1.22	44.654	− 9.15	+ 6.0	21 30 27.49	− 3.09	+45 10 46.3	−26.0
27	γ Capricorni	9	34 55.93	− 0.46	− **2.93**	303 57 57.45	43.474	− 9.15	−1 21.4	21 34 52.57	.....	−17 5 11.7	....
28	11 Cephei	9	40 40.77	− 1.11	− 2.90	31 54 1.40	43.720	− 9.15	+ 34.3	21 40 36.76	.....	+70 52 53.1	....
29	16 Pegasi	9	48 50.59	− 0.47	− **2.89**	346 30 1.02	46.398	− 9.15	− 13.2	21 48 47.22	.....	+25 29 6.8	....
30	α Aquarii	9	1 0.47	− 0.44	− **2.92**	320 15 59.30	43.592	− 9.15	− 45.7	22 0 57.13	.....	− 0 46 31.5	....
	September 19, Hl.												
31	Venus C	.	.. ..	....	....	335 35 59.68	47.932	−10.17	− 24.7	9 38	.....	+14 33 52.7	....
	September 20, Hl.												
32	Sun N	.	.. ..	....	....	322 27 50.52	46.230	− 9.77	− 41.5	11 49	.....	+ 1 26 23.3	....
33	Sun S	.	.. ..	....	....	321 55 52.02	46.530	− 9.77	− 42.3	.. ..	.....	+ 0 54 31.5	....
	September 20, Bs.												
34	Venus S	.	.. ..	....	....	335 13 56.02	47.281	−10.43	− 25.5	9 43	.....	+14 13 8.6	....
	September 21, Bs.												
35	Sun S	.	.. ..	....	....	321 31 54.12	48.189	− 9.82	− 43.8	11 52	.....	+ 0 31 9.3	....
36	Sun N	.	.. ..	....	....	322 3 53.22	48.013	− 9.82	− 43.0	.. ..	.....	+ 1 3 5.8	....
37	173 B. Camelopardalis s. p.	9	7 41.06	+ 0.99	− 4.65	64 55 55.98	47.362	−10.32	+1 58.8	8 7 37.40	.....	+76 2 24.4	....
38	β Capricorni	9	15 48.17	− 0.49	− **4.63**	305 57 49.50	45.100	−10.32	−1 16.4	20 15 43.03	.....	−15 4 38.7	....
39	ε Delphini	9	28 48.06	− 0.44	− **4.71**	331 59 51.48	47.839	−10.32	− 29.5	20 28 42.97	.....	+10 59 12.8	....
40	β Delphini	9	33 13.17	− 0.44	− 4.65	335 17 51.55	45.212	−10.32	− 25.6	20 33 8.08	.....	+14 16 16.7	....
41	ε Cygni	9	42 29.65	− 0.47	− 4.65	354 37 51.82	47.050	−10.32	− 5.2	20 42 24.53	.....	+33 37 19.3	....
42	7 Aquarii	8	51 53.78	− 0.47	− 4.65	310 57 49.98	47.812	−10.32	−1 4.0	20 51 48.66	− 2.58	−10 3 23.8	−18.4
43	σ² Ursæ Majoris s. p.	9	2 5.99	+ 0.57	− 4.64	73 27 56.95	43.278	−10.32	+3 6.2	9 2 1.92	.....	+67 30 49.7	....
44	α Equulei	9	11 12.27	− 0.44	− **4.69**	325 53 50.68	44.180	−10.32	− 37.7	21 11 7.19	.....	+ 4 51 40.2	....
45	α Cephei	9	16 27.52	− 0.67	− 4.64	23 11 54.72	46.018	−10.32	+ 24.0	21 16 22.21	.....	+62 11 27.6	....
46	ζ Capricorni	9	21 22.76	− 0.52	− 4.64	298 13 49.78	45.016	−10.32	−1 43.4	21 21 17.60	.....	−22 49 7.3	....
47	d Ursæ Majoris s. p.	9	26 8.38	+ 0.64	− 4.64	70 43 55.90	45.308	−10.32	+2 38.9	9 26 4.38	.....	+70 14 31.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 3 16	29.88	70.4	69.2
3 46	29.88	69.9	68.8
4 19	29.89	69.5	68.5
9 34	29.93	78.6	78.5
19 11 46	29.93	83.2	83.0
20 16	29.85	77.3	76.1
21 16	29.85	75.8	74.7
22 1	29.86	75.1	73.8
9 39	29.84	78.8	77.8
20 11 50	29.83	82.5	82.2
9 43	29.90	72.9	71.0
21 11 54	29.89	74.3	72.3
20 8	29.80	69.7	67.8
20 42	.....	....	67.1
21 26	29.82	67.8	66.2

Micrometer bisections are made at II, VI, except as noted below.

2, 10.	Bisections at b_1, b_3, b_5, b_7, b_9.
7.	Bisections at II, III, IV, V, VI.
11.	Z. D. threads A used.
11, 13, 34, 37, 43, 47.	Bisections at I, II, VI, VII.
14, 32, 35.	Bisections at I, II.
15.	Bisection at VII.
31.	Z. D. threads C used.
31.	Bisections at I, II, VII.
33, 36.	Bisections at VI, VII.

Notes.

1–12. Fog.

22. Micrometer reading decreased 10 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
7	+22 25.1	−14 49.9	...	+ 7 35.2
11	+ 0.6	.. ....	...	+ 0.6
13	+ 2.8	+ 6.8	...	+ 9.6
14	+ 5.3	−15 55.9	...	−15 50.6
15	+ 5.3	+15 55.9	...	+16 1.2
31	+ 2.9	.. ....	+0.1	+ 3.0
32	+ 5.3	−15 55.8	...	−15 50.5
33	+ 5.4	+15 55.9	...	+16 1.3
34	+ 2.9	+ 6.8	...	+ 9.7
35	+ 5.4	+15 58.2	...	+16 3.6
36	+ 5.3	−15 58.2	...	−15 52.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Capricorni	9	34 57.62	− 0.48	− **4.61**	303 57 49.15	43.910	−10.32	−1 22.6	21 34 52.50	.....	−17 5 12.4	....
2	11 Cephei	9	40 42.21	− 0.89	− 4.64	31 53 54.68	44.074	−10.32	+ 34.8	21 40 36.68	.....	+70 52 53.8	....
3	16 Pegasi	9	48 52.21	− 0.43	− **4.56**	346 29 53.10	46.820	−10.32	− 13.3	21 48 47.14	.....	+25 29 7.2	....
4	α Aquarii	9	1 2.14	− 0.44	− **4.60**	320 15 51.02	44.032	−10.32	− 46.3	22 0 57.07	.....	− 0 46 31.5	....
	September 21, Hl.												
5	ν Ceti	7	31 1.21	− 0.41	− **4.85**	326 11 51.68	47.508	−10.72	− 37.6	2 30 55.96	.....	+ 5 10 56.9	....
6	μ Arietis	9	37 8.66	− 0.40	− 4.84	340 37 52.68	45.718	−10.72	− 19.7	2 37 3.42	− 2.96	+19 36 34.9	− 7.2
7	η Eridani	9	51 54.88	− 0.44	− **4.83**	311 45 51.10	45.327	−10.72	−1 2.9	2 51 49.60	.....	− 9 16 18.8	....
8	2 H. Ursæ Minoris s. p.	9	56 6.04	+ 0.57	− 4.83	74 39 58.38	42.522	−10.72	+3 23.0	14 56 1.78	+ 2.48	+66 18 49.4	−12.9
9	τ^1 Arietis	9	15 52.50	− 0.40	− **4.81**	341 49 52.05	45.230	−10.72	− 18.4	3 15 47.27	.....	+20 48 24.4	....
10	ο Tauri	8	19 49.81	− 0.40	− **4.84**	329 43 51.15	44.428	−10.72	− 32.8	3 19 44.58	.....	+ 8 41 50.8	....
11	ε Eridani	9	28 34.78	− 0.44	− **4.86**	311 13 49.70	50.065	−10.72	−1 4.1	3 28 29.51	.....	− 9 46 33.1	....
12	δ Fornacis	9	38 35.61	− 0.56	− 4.83	288 49 49.69	44.742	−10.72	−2 43.2	3 38 30.22	− 1.93	−32 14 13.8	−15.4
13	27 Tauri	9	43 38.74	− 0.40	− 4.83	344 47 52.12	43.620	−10.72	− 15.3	3 43 33.51	− 2.78	+23 45 50.7	− 1.0
14	τ^9 Eridani	8	55 59.79	− 0.51	− 4.82	296 45 49.88	45.965	−10.72	−1 51.0	3 55 54.46	− 1.94	−24 16 53.5	−13.3
15	151 H^1. Cephei	7	6 59.21	− 3.15	− 4.82	46 18	......	.....	. ....	4 6 51.24	.....	+85 18	....
16	Jupiter I, C	5	19 17.58	− 0.40	− 4.82	341 25 50.70	42.788	−10.72	− 18.9	4 19 12.36	+ 1.50	+20 25 9.6	....
17	Jupiter II	5	19 20.57	− 0.40	− 4.82	... .	......	.....	. ....	4 19 15.35	− 1.49	.. ..	....
18	53 Eridani	9	33 56.92	− 0.46	− **4.85**	306 33 48.15	43.675	−10.72	−1 15.8	4 33 51.64	.....	−14 29 12.4	....
19	π^4 Orionis	9	46 16.05	− 0.41	− 4.82	326 27 49.20	46.825	−10.72	− 37.3	4 46 10.82	− 2.10	+ 5 26 39.1	− 2.8
20	π^1 Orionis	9	49 47.28	− 0.40	− 4.81	331 1 52.70	44.865	−10.72	− 31.2	4 49 42.07	− 2.16	+10 0 3.9	− 1.1
21	Moon II	9	22 59.42	− 0.41	− 4.80	339 48	......	.....	. ....	6 22 54.21	−67.22	.. ..	....
22	Venus C	.	.. ..	....	....	334 53 53.32	49.238	−11.19	− 25.8	9 48	.....	+13 52 14.1	....
	September 22, Hl.												
23	Sun N	.	.. ..	....	....	321 41 50.82	44.520	−10.29	− 43.0	11 56	.....	+ 0 39 42.4	....
24	Sun S	.	.. ..	....	....	321 9 50.75	44.808	−10.29	− 43.8	.. ..	.....	+ 0 7 48.9	....
25	b^2 Cygni	9	6 1.19	− 0.54	− 4.55	357 31 53.92	54.072	− 9.98	− 2.3	20 5 56.10	− 2.23	+36 34 5.1	−28.0
26	κ Cephei	9	12 15.32	− 1.49	− 4.55	38 25 54.95	46.692	− 9.98	+ 43.8	20 12 9.28	.....	+77 26 3.0	....
27	296 G. Sagittarii	9	19 45.78	− 0.58	− 4.55	292 5 51.40	43.762	− 9.98	−2 14.6	20 19 40.65	− 2.66	−28 58 5.1	−12.0
28	212 H^1. Draconis	9	30 34.43	− 1.11	− 4.55	33 11 54.25	49.792	− 9.98	+ 36.2	20 30 28.77	.....	+72 13 5.7	....
29	α Delphini	9	35 21.02	− 0.48	− **4.55**	336 35 51.72	47.128	− 9.98	− 23.8	20 35 15.99	.....	+15 35 2.8	....
30	76 Draconis	9	49 43.34	− 2.29	− 4.55	43 12	......	.....	. ....	20 49 36.50	.....	+82 11	....
31	θ Capricorni	9	0 44.29	− 0.52	− **4.60**	303 25 50.18	46.118	− 9.98	−1 23.3	21 0 39.23	.....	−17 36 21.2	....
32	ν Aquarii	9	4 32.97	− 0.50	− **4.62**	309 15 50.95	48.800	− 9.98	−1 7.3	21 4 27.93	.....	−11 45 3.2	....
33	1 H. Draconis s. p.	9	23 34.05	+ 1.91	− 4.54	59 15 55.02	43.291	− 9.98	+1 32.9	9 23 31.42	.....	+81 44 23.2	....
34	λ Capricorni	9	41 33.17	− 0.49	− 4.54	309 13 50.52	46.575	− 9.98	−1 7.5	21 41 28.14	− 2.72	−11 47 54.7	−18.9
35	109 B. Ursæ Majoris s. p.	9	49 55.97	+ 0.88	− 4.54	67 39 55.04	43.809	− 9.98	+2 14.0	9 49 52.31	.....	+73 19 31.1	....
36	α Aquarii	9	1 2.12	− 0.47	− **4.56**	320 15 51.25	44.020	− 9.98	− 45.9	22 0 57.12	.....	− 0 46 30.8	....
37	θ Aquarii	9	11 57.12	− 0.48	− **4.56**	312 45 52.40	48.488	− 9.98	− 59.6	22 11 52.11	.....	− 8 15 1.2	....
38	π Aquarii	9	20 33.27	− 0.46	− **4.47**	321 55 52.05	45.458	− 9.98	− 43.2	22 20 28.28	.....	+ 0 54 5.6	....
	September 22, Bs.												
39	44 Piscium	9	20 39.57	− 0.44	− **4.25**	322 25 51.38	48.238	−10.77	− 42.6	0 20 34.87	.....	+ 1 25 8.3	....
40	49 G. Ceti	9	25 45.31	− 0.52	− 4.26	296 43 50.25	46.950	−10.77	−1 49.4	0 25 40.53	− 2.77	−24 18 29.1	−18.3
41	77 G. Sculptoris	9	29 6.65	− 0.55	− 4.25	290 57 51.00	48.083	−10.77	−2 23.2	0 29 1.85	− 2.76	−30 4 36.2	−18.1
42	ε Andromedæ	9	33 40.04	− 0.45	− **4.20**	349 49 52.15	43.874	−10.77	− 9.9	0 33 35.34	.....	+28 48 1.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 22 1	29.80	67.5	66.0
2 22	29.795	64.0	62.0
2 40	......	....	61.9
3 8	......	....	61.6
3 11	29.785	63.0	....
3 25	......	....	61.1
3 48	......	....	61.2
4 12	......	....	61.0
4 29	......	....	60.8
4 38	29.79	62.2	....
4 58	29.80	62.0	60.8
9 48	29.85	73.7	73.0
22 11 57	29.82	78.3	78.2
19 52	29.765	73.0	72.6
20 15	......	....	72.0
20 36	......	....	71.2
20 56	......	....	70.9
21 9	29.76	71.2	....
21 30	......	....	70.0
21 52	......	....	70.9
22 6	......	....	70.1
22 26	29.745	69.8	70.0
0 21	29.73	68.2	68.2

Micrometer bisections are made at II, VI, except as noted below.

7.	Bisections at II, VI, VII.
16.	Z. D. threads A used.
16.	Bisections at I, II.
22.	Z. D. threads C used.
22, 33, 35.	Bisections at I, II, VI, VII.
23.	Bisection at I.
24, 38.	Bisections at VI, VII.
37.	Bisections at II, VII.

Notes.

8.	Unsteady; poor.
12, 25, 33, 35.	Microscopes read before and after observation.
22.	Revolutions of micrometer reading assumed.
33, 36.	Poor image.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+ 0.6	.. ....	...	+ 0.6
22	+ 2.9	.. ....	+0.1	+ 3.0
23	+ 5.4	−15 56.7	...	−15 51.3
24	+ 5.5	+15 56.7	...	+16 2.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Ceti	9	38 56.84	− 0.49	− **4.26**	302 31 51.22	46.728	−10.77	−1 26.6	0 38 52.10	.....	−18 30 10.4	....
2	η Cassiopeiæ	9	43 30.79	− 0.61	− 4.25	18 19 54.12	44.878	−10.77	+ 18.5	0 43 25.93	− 4.90	+57 18 55.1	−10.5
3	20 Ceti	9	48 16.71	− 0.44	− **4.28**	319 21 50.45	47.326	−10.77	− 47.5	0 48 12.02	.....	− 1 39 18.4	....
4	g Piscium	9	6 0.40	− 0.45	− 4.25	351 57 53.58	42.065	−10.77	− 7.8	1 5 55.70	− 3.46	+30 55 24.1	−12.5
5	ζ¹ Piscium	9	8 53.61	− 0.43	− **4.19**	328 5 51.25	46.622	−10.77	− 34.5	1 8 48.93	.....	+ 7 4 39.3	....
6	υ Piscium	9	14 22.59	− 0.44	− **4.25**	347 47 52.50	44.171	−10.77	− 12.0	1 14 17.90	.....	+26 46 7.0	....
7	μ Piscium	9	25 19.98	− 0.43	− 4.24	326 41 51.55	43.690	−10.77	− 36.5	1 25 15.31	− 2.90	+ 5 39 31.6	−14.8
8	13 B. Ursæ Minoris S. P.	9	34 52.97	+ 0.74	− 4.24	69 15 55.85	43.232	−10.77	+2 26.2	13 34 49.47	+ 4.23	+71 43 32.2	− 2.9
9	o Piscium	9	40 30.11	− 0.43	− **4.20**	329 41 51.60	47.502	−10.77	− 32.4	1 40 25.44	.....	+ 8 41 1.8	....
10	γ Arietis (*south*)	9	48 26.67	− 0.43	− 4.24	339 51 52.80	43.956	−10.77	− 20.4	1 48 22.00	− 3.09	+18 49 54.0	−11.2
11	50 Cassiopeiæ	7	55 30.81	− 0.98	− 4.24	32 57 54.20	46.264	−10.77	+ 36.2	1 55 25.59	.....	+71 57 44.3	....
12	α Draconis S. P.	9	1 49.76	+ 0.55	− 4.24	76 7 57.80	44.280	−10.77	+3 42.4	14 1 46.07	.....	+64 49 50.3	....
13	6 Persei	9	7 25.92	− 0.55	− 4.24	11 37 53.68	46.908	−10.77	+ 11.6	2 7 21.13	− 4.30	+50 37 34.2	− 2.7
14	Moon S	.	.. ..	....	....	339 9 53.68	47.443	−11.55	− 21.1	7 17	.....	+18 9 13.1	....
15	Venus S	.	.. ..	....	....	334 31 52.92	46.322	−11.28	− 26.2	9 52	.....	+13 30 41.9	....
	September 23, Bs.												
16	Sun N	.	.. ..	....	....	321 19 51.40	40.972	−11.08	− 44.0	11 59	.....	+ 0 16 20.2	....
17	Sun S	.	.. ..	....	....	320 47 51.88	41.096	−11.08	− 44.9	.. ..	.....	− 0 15 36.7	....
	September 23, Hl.												
18	Moon S	.	.. ..	....	....	337 41 56.60	46.435	−11.74	− 23.4	8 15	.....	+16 40 50.5	....
	September 24, Hl.												
19	35 Arietis	9	38 0.01	− 0.45	− 3.85	348 19 56.18	44.730	−14.82	− 11.6	2 37 55.71	− 3.22	+27 18 19.8	− 5.8
20	41 Arietis	9	44 30.89	− 0.45	− **3.88**	347 53 54.82	44.705	−14.82	− 12.1	2 44 26.59	.....	+26 52 17.3	....
21	λ Ceti	9	54 44.39	− 0.45	− 3.85	329 33 53.98	44.750	−14.82	− 33.2	2 54 40.09	− 2.74	+ 8 31 56.5	− 9.0
22	94 Ceti	9	8 2.40	− 0.47	− 3.85	319 27 52.22	48.628	−14.82	− 48.4	3 7 58.08	− 2.53	− 1 32 51.8	−10.6
23	τ¹ Arietis	9	15 51.64	− 0.44	− **3.84**	341 50 3.98	44.915	−14.82	− 18.6	3 15 47.35	.....	+20 48 24.8	....
24	ξ Tauri	9	22 8.11	− 0.45	− **3.82**	330 25 55.05	45.532	−14.82	− 32.1	3 22 3.81	.....	+ 9 24 16.5	....
25	ε Eridani	9	28 33.93	− 0.49	− **3.89**	311 15 52.90	44.860	−14.82	−1 4.3	3 28 29.60	.....	− 9 46 33.1	....
26	η Tauri	9	41 57.28	− 0.44	− **3.83**	344 49 53.82	46.175	−14.82	− 15.3	3 41 53.00	.....	+23 48 46.7	....
27	ξ Persei	9	52 55.36	− 0.46	− 3.84	356 31 56.20	46.382	−14.82	− 3.4	3 52 51.06	.....	+35 31 5.7	....
28	o¹ Eridani	9	7 20.16	− 0.48	− **3.81**	313 55 54.05	48.870	−14.82	− 58.7	4 7 15.84	.....	− 7 4 54.8	....
29	Jupiter I. C	5	19 21.71	− 0.44	− 3.84	341 25 54.05	42.692	−14.82	− 19.0	4 19 17.43	+ 1.54	+20 25 6.6	....
30	Jupiter II	5	19 24.79	− 0.44	− 3.84	... .	......	.....	. ....	4 19 20.51	− 1.54	-- -- ----	....
	September 24, Bs.												
31	Moon II	7	15 15.85	− 0.39	− 3.55	335 22	......	.....	. ....	9 15 11.91	−69.17	-- -- ----	....
32	Venus II, S	9	2 18.03	− 0.40	− 3.54	333 47 53.92	46.394	−15.30	− 27.3	10 2 14.09	− 0.45	+12 46 39.4	....
	September 25, Bs.												
33	Sun I, S	9	6 7.11	− 0.48	− 3.52	319 59 54.00	44.488	−15.02	− 46.2	12 6 3.11	+64.13	− 1 2 23.0	....
34	Sun II, N	9	8 15.36	− 0.48	− 3.52	320 31 54.30	44.254	−15.02	− 45.4	12 8 11.36	−64.12	− 0 30 26.6	....
35	69 Aquilæ	9	24 47.48	− 0.47	− 3.46	317 49 54.15	46.315	−14.66	− 51.2	20 24 43.55	− 2.39	− 3 11 45.4	−19.6
36	ζ Delphini	9	30 58.27	− 0.44	− 3.46	335 21 55.12	47.674	−14.66	− 26.0	20 30 54.37	− 2.35	+14 21 11.8	−24.2
37	α Delphini	9	35 19.83	− 0.43	− **3.45**	336 35 54.58	47.208	−14.66	− 24.5	20 35 15.95	.....	+15 35 2.1	....
38	η Cephei	9	43 28.39	− 0.58	− 3.45	22 29 57.50	44.152	−14.66	+ 23.6	20 43 24.36	.....	+61 28 43.0	....
39	76 Draconis	9	49 40.59	− 1.66	− 3.45	43 11 58.28	44.403	−14.66	+ 53.5	20 49 35.48	.....	+82 11 18.9	....
40	θ Capricorni	9	0 43.17	− 0.54	− **3.50**	303 25 52.72	46.331	−14.66	−1 25.9	21 0 39.18	.....	−17 36 21.1	....
41	ν Aquarii	9	4 31.74	− 0.51	− **3.42**	309 15 52.92	48.944	−14.66	−1 9.4	21 4 27.78	.....	−11 45 4.7	....
42	ζ Cygni	9	9 0.06	− 0.44	− **3.43**	350 51 57.00	45.528	−14.66	− 39.1	21 8 56.17	.....	+29 50 41.5	....
43	α Cephei	9	16 26.11	− 0.59	− 3.45	23 11 57.08	46.118	−14.66	+ 24.5	21 16 22.07	.....	+62 11 28.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 0 48	....	....	67.7
1 9	29.725	67.4	67.1
1 56	....	....	66.5
2 15	29.72	66.0	65.0
7 19	29.78	68.3	68.4
9 53	29.84	72.3	72.2
23 12 1	29.88	74.6	74.0
8 17	29.93	59.2	57.0
24 2 26	29.725	62.2	63.1
2 48	....	....	58.7
3 11	....	....	56.9
3 32	....	....	58.0
3 59	29.72	58.6	57.0
4 30	29.73	58.2	57.8
9 15	29.81	67.6	68.0
25 12 8	29.82	72.4	72.0
20 25	29.88	61.5	59.4
20 50	....	....	58.0

Micrometer bisections are made at II, VI, except as noted below.

8, 12, 15, 29, 32.	Bisections at I, II, VI, VII.
14, 18.	Bisections at II, III, IV, V, VI.
16, 33.	Bisections at I, II.
17, 34.	Bisections at VI, VII.
22.	Bisections at II, VII.
29.	Z. D. threads A used.
39.	Bisections at II, IV, VI.

Notes.

5.	Micrometer reading increased 1 rev.
19.	Unsteady and fuzzy.
19–30.	Conditions poor.

No.	Parallax.	Semi-diameter.	Def Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+19 58.5	+15 32.0	...	+35 30.5
15	+ 2.9	+ 6.7	...	+ 9.6
16	+ 5.4	−15 58.4	...	−15 53.0
17	+ 5.5	+15 58.4	...	+16 3.9
18	+21 41.9	+15 47.8	...	+37 29.7
29	+ 0.6	.. ....	...	+ 0.6
32	+ 3.0	+ 6.7	...	+ 9.7
33	+ 5.6	+15 58.2	...	+16 3.8
34	+ 5.5	−15 58.1	...	−15 52.6

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No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	1 H. Draconis s. p.	9	23 32.36	+ 1.37	− 3.45	59 15 58.10	43.276	−14.66	+1 36.0	9 23 30.28	.....	+81 44 23.0	....
2	γ Capricorni	9	34 56.48	− 0.53	− **3.46**	303 57 52.68	44.025	−14.66	−1 24.5	21 34 52.51	.....	−17 5 12.5	....
3	λ Capricorni	9	41 31.96	− 0.51	− 3.44	309 13 53.98	46.693	−14.66	−1 9.8	21 41 28.01	− 2.70	−11 47 55.5	−18.8
4	109 B. Ursæ Majoris s. p.	9	49 54.52	+ 0.62	− 3.44	67 39 56.98	43.719	−14.66	+2 18.7	9 49 51.70	.....	+73 19 31.4	....
5	η Piscis Australis (*mean*)	9	55 29.81	− 0.61	− 3.44	292 9 53.68	43.476	−14.66	−2 19.2	21 55 25.76	− 2.84	−28 54 18.7	−15.3
6	α Aquarii	9	1 0.95	− 0.47	− **3.41**	320 15 54.60	44.120	−14.66	− 47.5	22 0 57.04	.....	− 0 46 31.4	....
7	32 Ursæ Majoris s. p.	9	11 10.01	+ 0.43	− 3.44	75 21 59.45	47.814	−14.66	+3 37.1	10 11 7.00	.....	+65 34 37.2	....
8	γ Aquarii	9	16 51.72	− 0.47	− **3.45**	319 9 54.45	46.620	−14.66	− 49.4	22 16 47.81	.....	− 1 51 36.3	....
9	9 H. Draconis s. p.	9	27 0.61	+ 0.78	− 3.43	64 47 58.38	43.590	−14.66	+2 1.7	10 26 57.96	.....	+76 11 49.8	....
	September 25, Hl.												
10	Venus II, C	8	6 59.40	− 0.41	− 3.57	333 25 53.60	49.389	−15.60	− 28.7	10 6 55.42	− 0.45	+12 24 10.6	....
11	Moon II	8	14 9.34	− 0.43	− 3.57	331 46	......	.....	. ....	10 14 5.36	−69.27	.. ..	....
	September 26, Hl.												
12	Sun N	.	.. ..	....	....	320 7 54.95	45.910	−15.46	− 47.5	12 10	.....	− 0 53 51.3	....
13	Sun S	.	.. ..	....	....	319 35 55.08	46.022	−15.46	− 48.4	.. ..	.....	− 1 25 48.8	....
14	θ Capricorni	9	0 43.18	− 0.52	− **3.54**	303 25 52.95	46.390	−15.76	−1 26.8	21 0 39.19	.....	−17 36 21.5	....
15	ν Aquarii	9	4 31.84	− 0.48	− **3.56**	309 15 56.30	48.925	−15.76	−1 10.2	21 4 27.89	.....	−11 45 3.7	....
16	α Cephei	9	16 26.21	− 0.53	− 3.46	23 12	......	.....	. ....	21 16 22.22	.....	+62 11	....
17	1 H. Draconis s. p.	9	23 33.39	+ 1.37	− 3.46	59 16 1.05	43.165	−15.76	+1 36.9	9 23 31.30	.....	+81 44 22.4	....
18	λ Capricorni	9	41 32.02	− 0.48	− 3.46	309 13 54.88	46.755	−15.76	−1 10.4	21 41 28.08	− 2.69	−11 47 54.9	−18.8
19	109 B. Ursæ Majoris s. p.	9	49 55.13	+ 0.66	− 3.46	67 39 59.80	43.710	−15.76	+2 19.8	9 49 52.33	.....	+73 19 28.9	....
20	η Piscis Australis (*mean*)	9	55 29.82	− 0.61	− 3.46	292 9 55.25	43.502	−15.76	−2 20.3	21 55 25.75	− 2.83	−28 54 18.7	−15.1
21	γ Aquarii	9	16 51.68	− 0.44	− **3.44**	319 9 56.00	46.675	−15.76	− 49.7	22 16 47.79	.....	− 1 51 34.9	....
22	π Aquarii	9	20 32.23	− 0.43	− **3.47**	321 55 55.15	45.680	−15.76	− 45.1	22 20 28.35	.....	+ 0 54 6.1	....
23	31 Cephei	9	33 35.93	− 0.78	− 3.45	34 9 59.62	45.271	−15.76	+ 39.3	22 33 31.70	− 6.18	+73 9 24.8	−23.0
24	ι Cephei	9	46 26.88	− 0.58	− 3.45	26 44	......	.....	. ....	22 46 22.85	.....	+65 42	....
25	α Pegasi	9	0 8.52	− 0.40	− **3.44**	335 43 56.95	44.632	−15.76	− 26.0	23 0 4.67	.....	+14 42 3.0	....
26	φ Aquarii	9	9 30.93	− 0.46	− **3.44**	314 27 53.80	47.818	−15.76	− 58.7	23 9 27.03	.....	− 6 33 20.0	....
27	υ Pegasi	9	20 45.18	− 0.39	− **3.42**	343 53 57.42	47.432	−15.76	− 16.6	23 20 41.35	.....	+22 53 16.8	....
28	15 Andromedæ	9	30 6.00	− 0.40	− 3.44	0 43 58.08	46.265	−15.76	+ 0.8	23 30 2.16	− 3.60	+39 43 8.1	−20.4
	September 26, Bs.												
29	35 Arietis	9	37 59.19	− 0.37	− 3.15	348 19 58.00	44.714	−16.26	− 12.0	2 37 55.67	− 3.26	+27 18 19.4	− 6.1
30	τ Persei	9	47 38.92	− 0.43	− 3.15	13 23 58.72	43.950	−16.26	+ 13.9	2 47 35.34	.....	+52 22 28.4	....
31	λ Ceti	9	54 43.59	− 0.38	− 3.15	329 33 56.98	44.660	−16.26	− 34.1	2 54 40.06	− 2.78	+ 8 31 55.1	− 9.2
32	τ^3 Eridani	9	58 18.23	− 0.52	− 3.15	297 3 55.72	44.350	−16.26	−1 53.2	2 58 14.56	.....	−23 59 32.3	....
33	ι Persei	9	2 20.05	− 0.42	− 3.15	10 15 59.78	45.610	−16.26	+ 10.6	3 2 16.48	− 4.11	+49 15 4.1	+ 1.6
34	ζ Eridani	9	11 19.11	− 0.43	− 3.15	311 51 54.98	45.994	−16.26	−1 4.8	3 11 15.53	− 2.45	− 9 10 7.1	−12.1
35	τ^1 Arietis	9	15 50.89	− 0.36	− **3.12**	341 49 56.65	45.319	−16.26	− 19.1	3 15 47.38	.....	+20 48 24.8	....
36	ξ Tauri	9	22 7.42	− 0.37	− **3.17**	330 25 57.05	45.518	−16.26	− 33.0	3 22 3.90	.....	+ 9 24 15.9	....
37	ε Eridani	9	28 33.17	− 0.43	− **3.14**	311 15 56.05	44.854	−16.26	−1 6.2	3 28 29.60	.....	− 9 46 33.5	....
38	θ Ursæ Minoris s. p.	9	34 8.66	+ 1.07	− 3.14	63 20 0.42	42.944	−16.26	+1 55.9	15 34 6.59	+ 6.13	+77 40 10.3	−15.0
39	ο Persei	9	38 28.14	− 0.36	− 3.14	352 59 57.32	47.072	−16.26	− 7.1	3 38 24.64	− 3.16	+31 59 17.5	+ 0.4
40	η Tauri	9	41 56.49	− 0.35	− **3.08**	344 49 56.12	46.112	−16.26	− 15.8	3 41 53.00	.....	+23 48 45.7	....
41	ξ Persei	9	52 54.53	− 0.36	− 3.14	356 31 57.85	46.356	−16.26	− 3.5	3 52 51.03	.....	+35 31 5.2	....
42	λ Persei	8	59 37.45	− 0.41	− 3.14	11 5 59.05	46.900	−16.26	+ 11.5	3 59 33.90	− 3.82	+50 5 33.8	+ 7.5
43	87 B. Draconis s. p.	9	6 3.61	+ 0.63	− 3.14	72 53 59.82	45.773	−16.26	+3 8.2	16 6 1.10	.....	+68 3 53.9	....
44	γ Tauri	9	14 29.26	− 0.35	− **3.16**	336 25 57.25	44.410	−16.26	− 25.4	4 14 25.77	.....	+15 23 58.3	....
45	Jupiter I, C	5	19 20.13	− 0.35	− 3.14	341 25 56.65	42.132	−16.26	− 19.6	4 19 16.64	+ 1.58	+20 24 54.4	....
46	Jupiter II	5	19 23.30	− 0.35	− 3.14	... .	......	.....	. ....	4 19 19.81	− 1.59	.. ..	....
47	μ Eridani	9	40 50.69	− 0.39	− **3.04**	317 35 56.35	46.861	−16.26	− 53.2	4 40 47.17	.....	− 3 25 34.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 21 24	29.90	58.6	56.7
21 50	......	....	56.1
22 27	29.93	57.1	54.8
10 7	30.035	57.7	54.9
26 12 12	30.00	60.5	59.2
20 49	29.94	55.3	54.1
21 11	......	....	53.0
21 34	......	....	52.8
22 8	29.95	53.9	52.8
22 28	......	....	52.3
22 51	......	....	52.0
23 14	29.95	53.3	51.9
23 40	29.945	52.9	51.3
2 38	29.92	49.4	48.0
3 11	......	....	47.5
3 42	29.90	48.2	46.3
4 19	29.89	47.8	46.0
4 49	......	....	46.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at II, IV, VI.
4, 9.	Bisections at I, II, IV, VI, VII.
10.	Z. D. threads C used.
10, 23, 45.	Bisections at I, II, VI, VII.
12.	Bisections at I, II.
13.	Bisections at VI, VII.
26.	Bisections at II, VII.
38.	Bisections at II, III, IV, V, VI.
45.	Z. D. threads A used.

Notes.

5, 20. Assumed that mean was observed.
9. Micrometer reading increased 10 rev.
13, 47. Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 3.0	.. ....	+0.1	+ 3.1
12	+ 5.6	−15 58.7	...	−15 53.1
13	+ 5.7	+15 58.7	...	+16 4.4
45	+ 0.6	.. ....	...	+ 0.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	September 27, Bs.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N.	9	13 18.87	− 0.45	− 3.02	319 43 54.20	47.632	−16.42	− 47.1	12 13 15.40	+64.18	− 1 17 13.2	....
2	Sun II, S.	9	15 27.23	− 0.45	− 3.02	319 11 56.05	47.562	−16.42	− 48.0	12 15 23.76	−64.18	− 1 49 13.2	....
3	d Ursæ Majoris s. p.	9	26 6.77	+ 0.62	− 2.89	70 43 59.80	45.455	−15.11	+2 39.9	9 26 4.50	.....	+70 14 28.5	....
4	γ Capricorni	9	34 55.94	− 0.56	− **2.91**	303 57 53.75	43.904	−15.11	−1 23.1	21 34 52.49	.....	−17 5 13.2	....
5	11 Cephei	9	40 39.99	− 0.87	− 2.88	31 53 59.35	44.120	−15.11	+ 35.0	21 40 36.24	.....	+70 52 54.9	....
6	16 Pegasi	9	48 50.43	− 0.46	− **2.82**	346 29 57.00	46.930	−15.11	− 13.4	21 48 47.09	.....	+25 29 8.8	....
7	158 B. Cephei	9	51 49.14	− 0.97	− 2.88	34 15 58.30	45.922	−15.11	+ 38.4	21 51 45.29	.....	+73 15 38.4	....
8	α Aquarii	9	1 0.41	− 0.49	− **2.87**	320 15 56.62	44.044	−15.11	− 46.6	22 0 57.04	.....	− 0 46 30.7	....
9	29 H. Camelopardalis s. p.	9	15 43.44	+ 2.58	− 2.88	56 15 57.10	45.597	−15.11	+1 24.1	10 15 43.14	.....	+84 43 43.2	....
10	π Aquarii	9	20 31.63	− 0.48	− **2.83**	321 55 55.22	45.581	−15.11	− 43.8	22 20 28.27	.....	+ 0 54 5.8	....
11	η Aquarii	9	30 34.58	− 0.49	− **2.77**	320 25 54.85	45.253	−15.11	− 46.2	22 30 31.21	.....	− 0 36 4.4	....
12	ε Piscis Australis	7	35 30.40	− 0.63	− 2.88	293 31 54.45	43.648	−15.11	−2 7.8	22 35 26.89	.....	−27 32 3.0	....
13	λ Pegasi	9	42 3.56	− 0.46	− **2.82**	344 5 56.95	44.952	−15.11	− 15.9	22 42 0.23	.....	+23 4 21.0	....
14	λ Aquarii	9	47 45.71	− 0.52	− **2.81**	312 57 56.10	43.990	−15.11	−1 0.1	22 47 42.32	.....	− 8 4 45.9	....
15	55 Pegasi	9	2 19.35	− 0.47	− 2.87	329 55 55.70	45.234	−15.11	− 32.5	23 2 16.01	− 2.93	+ 8 54 9.7	−21.4
16	5 H^1. Cassiopeiæ	9	8 50.18	− 0.58	− 2.87	17 40 2.20	44.988	−15.11	+ 18.0	23 8 46.73	.....	+56 39 0.8	....
	September 27, Hl.												
17	ν Ceti	9	30 59.71	− 0.49	− **3.16**	326 11 54.18	47.588	−15.38	− 37.5	2 30 56.13	.....	+ 5 10 56.7	....
18	118 H^1. Cassiopeiæ	8	36 48.78	− 0.78	− 3.09	28 25 58.25	45.323	−15.38	+ 30.5	2 36 44.91	− 6.40	+67 25 16.5	+ 2.7
19	η Eridani	9	51 53.36	− 0.53	− **3.10**	311 45 54.55	45.327	−15.38	−1 2.8	2 51 49.75	.....	− 9 16 19.9	....
20	57 B. Ursæ Minoris s. p.	6	6 54.27	+ 5.80	− 3.08	53 23 58.58	44.998	−15.38	+1 15.8	15 6 56.99	.....	+87 36 4.7	....
21	σ Persei	9	23 59.89	− 0.53	− 3.08	8 41 57.18	43.038	−15.38	+ 8.7	3 23 56.28	− 3.94	+47 40 1.7	+ 3.2
22	ε Persei	9	51 35.59	− 0.49	− 3.07	0 45 57.10	43.608	−15.38	+ 0.8	3 51 32.03	.....	+39 44 6.8	....
23	151 H^1. Cephei	6	6 58.93	− 3.13	− 3.07	46 18	......	.....	. ....	4 6 52.73	.....	+85 18	....
24	Jupiter I, C.	4	19 18.48	− 0.46	− 3.07	341 26 1.12	41.424	−15.38	− 18.9	4 19 14.95	+ 1.53	+20 24 44.2	....
25	Jupiter II.	3	19 21.53	− 0.46	− 3.07	... .	......	.....	. ....	4 19 18.00	− 1.52	.. ..	....
26	53 Eridani	9	33 55.53	− 0.53	− **3.23**	306 33 52.28	43.705	−15.38	−1 15.8	4 33 51.94	.....	−14 29 12.2	....
27	μ Eridani	9	40 50.81	− 0.49	− **3.03**	317 35 53.95	46.780	−15.38	− 51.4	4 40 47.26	.....	− 3 25 35.9	....
28	π^5 Orionis	9	49 23.98	− 0.47	− **3.13**	323 17 54.42	48.488	−15.38	− 42.1	4 49 20.45	.....	+ 2 17 12.9	....
29	β Eridani	9	3 16.38	− 0.49	− **3.08**	315 49 53.78	44.768	−15.38	− 55.1	5 3 12.83	.....	− 5 12 25.7	....
30	Venus II, C.	9	16 19.99	− 0.42	− 3.00	332 39 54.80	48.668	−14.91	− 28.7	10 16 16.57	− 0.44	+11 37 56.0	....
	September 28, Hl.												
31	Sun I, S.	9	16 55.17	− 0.46	− 2.98	318 49 55.48	43.952	−14.77	− 48.2	12 16 51.73	+64.26	− 2 12 35.5	....
32	Sun II, N.	9	19 3.69	− 0.46	− 2.98	319 21 54.28	43.800	−14.77	− 47.3	12 19 0.25	−64.26	− 1 40 38.6	....
33	166 B. Camelopardalis s. p.	9	48 54.01	+ 0.86	− 2.89	66 47 53.65	48.552	−13.88	+2 9.3	7 48 51.98	.....	+74 9 53.0	....
34	τ Aquilæ	9	59 35.52	− 0.54	− **2.84**	328 1 53.58	47.462	−13.88	− 34.6	19 59 32.09	.....	+ 7 0 57.6	....
35	20 Vulpeculæ	8	8 7.26	− 0.55	− 2.89	347 13 56.52	44.320	−13.88	− 12.6	20 8 3.82	− 2.13	+26 12 10.7	−26.7
36	β Capricorni	9	15 46.44	− 0.60	− **2.89**	305 57 50.52	45.205	−13.88	−1 16.4	20 15 42.96	.....	−15 4 38.8	....
37	40 Cygni	9	24 8.79	− 0.58	− 2.88	359 9 55.40	43.912	−13.88	− 0.8	20 24 5.33	− 2.25	+38 8 12.0	−28.7
38	ε Delphini	9	28 46.22	− 0.53	− **2.89**	331 59 53.10	47.978	−13.88	− 29.5	20 28 42.81	.....	+10 59 14.0	....
39	μ Aquarii	9	47 37.83	− 0.57	− **2.91**	311 41 53.95	45.942	−13.88	−1 2.3	20 47 34.38	.....	− 9 20 4.4	....
40	7 Aquarii	9	51 52.04	− 0.57	− 2.88	310 57 50.58	47.938	−13.88	−1 3.9	20 51 48.59	− 2.50	−10 3 23.8	−18.2
41	σ^2 Ursæ Majoris s. p.	9	2 5.06	+ 0.59	− 2.88	73 28 0.25	43.386	−13.88	+3 5.8	9 2 2.77	.....	+67 30 47.9	....
42	τ Cygni	9	11 5.98	− 0.56	− 2.88	358 39 56.25	45.732	−13.88	− 1.2	21 11 2.54	.....	+37 38 54.0	....
43	α Cephei	9	16 25.77	− 0.78	− 2.87	23 11 58.33	46.087	−13.88	+ 24.0	21 16 22.12	.....	+62 11 29.2	....
44	d Ursæ Majoris s. p.	9	26 7.18	+ 0.68	− 2.87	70 43 59.18	45.480	−13.88	+2 38.4	9 26 4.99	.....	+70 14 28.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 12 15	29.885	67.1	68.6
21 26	[illegible]	63.8	63.7
21 52	......	....	64.0
22 36	29.85	63.5	64.8
23 2	......	....	64.0
23 9	29.86	62.7	63.2
2 [illegible]	29.87	63.2	64.3
2 43	......	....	63.7
3 0	......	....	63.8
3 18	......	....	63.2
3 55	......	....	63.1
4 28	29.88	62.8	63.3
4 45	......	....	60.9
4 59	......	....	58.1
6 4	[illegible]	62.3	....
10 16	[illegible]	70.3	70.1
28 12 19	29.93	74.2	74.3
19 [illegible]	29.88	70.3	70.5
20 4	......	....	69.7
20 19	......	....	69.0
20 33	......	....	69.0
20 37	29.885	[illegible]	....
20 58	......	....	68.7
21 9	......	....	69.0

Micrometer bisections are made at II, VI, except as noted below.

1, 31.	Bisections at I, II.
2, 32.	Bisections at VI, VII.
3.	Bisections at II, IV, VI.
9.	Bisections at II, III, IV, V, VI.
18, 19, 39.	Bisections at II, VI, VII.
20.	Bisections at b_4, b_5, b_6.
24.	Z. D. threads A used.
24, 29, 30, 41, 44.	Bisections at I, II, VI, VII.
30.	Z. D. threads C used.

Notes.

3-16.	Conditions very poor; stars fuzzy.
9.	Right ascension observed eye and ear.
16.	Micrometer reading increased 1 rev.
17-19, 41.	Images poor; unsteady and fuzzy.
18.	Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 5.6	−16 0.0	...	−15 54.4
2	+ 5.7	+15 59.9	...	+16 5.6
24	+ 0.6	.. ....	...	+ 0.6
30	+ 3.1	.. ....	+ 0.1	+ 3.2
31	+ 5.7	+15 58.4	...	+16 4.1
32	+ 5.7	−15 58.5	...	−15 52.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	11 Cephei	9	40 40.44	– 1.04	– 2.87	31 53 56.85	44.218	–13.88	+ 34.8	21 40 36.53	.....	+70 52 55.5	....
2	16 Pegasi	9	48 50.50	– 0.52	– **2.84**	346 29 57.80	46.862	–13.88	– 13.3	21 48 47.11	.....	+25 29 9.3	....
3	α Aquarii	8	1 0.46	– 0.53	– **2.89**	320 15 53.20	44.115	–13.88	– 46.3	22 0 57.06	.....	– 0 46 31.0	....
4	24 Cephei	8	8 8.23	– 1.08	– 2.86	32 53 56.92	43.932	–13.88	+ 36.2	22 8 4.29	.....	+71 52 50.6	....
5	π Aquarii	9	20 31.70	– 0.52	– **2.87**	321 55 53.20	45.595	–13.88	– 43.7	22 20 28.32	.....	+ 0 54 5.5	....
	September 28, Bs.												
6	Venus II, S.	9	20 59.34	– 0.46	– 2.48	332 15 53.30	45.126	–14.64	– 28.9	10 20 56.40	– 0.44	+11 14 8.8	....
	September 29, Bs.												
7	Sun I, S.	9	20 31.59	– 0.50	– 2.46	318 25 52.80	45.684	–14.11	– 48.4	12 20 28.63	+64.20	– 2 35 58.2	....
8	Sun II, N.	9	22 39.99	– 0.50	– 2.46	318 57 51.82	45.596	–14.11	– 47.5	12 22 37.03	–64.20	– 2 3 59.6	....
9	η Cephei	9	43 27.24	– 0.71	– 2.37	22 29 56.10	44.186	–13.22	+ 23.2	20 43 24.16	.....	+61 28 43.4	....
10	76 Draconis	9	49 39.42	– 2.02	– 2.37	43 11 57.62	44.494	–13.22	+ 52.5	20 49 35.03	.....	+82 11 19.8	....
11	ξ Cygni	9	1 34.00	– 0.56	– 2.36	4 33 57.58	46.815	–13.22	+ 4.5	21 1 31.08	– 2.61	+43 33 26.4	–28.9
12	98 B. Cephei	8	7 32.92	– 1.36	– 2.36	38 45 56.70	43.923	–13.22	+ 45.0	21 7 29.20	.....	+77 44 59.7	....
13	4 Piscis Australis	9	12 16.56	– 0.68	– 2.36	288 29 53.55	45.391	–13.22	–2 45.0	21 12 13.52	.....	–32 33 59.4	....
14	ι Capricorni	9	17 3.09	– 0.58	– **2.35**	303 47 51.75	46.887	–13.22	–1 23.2	21 17 0.15	.....	–17 14 5.3	....
15	1 H. Draconis s. p.	9	23 31.96	+ 1.59	– 2.36	59 15 57.93	43.335	–13.22	+1 34.1	9 23 31.19	.....	+81 44 21.4	....
16	γ Capricorni	9	34 55.40	– 0.58	– **2.37**	303 57 50.70	43.911	–13.22	–1 22.9	21 34 52.46	.....	–17 5 14.0	....
17	λ Capricorni	9	41 30.97	– 0.56	– 2.36	309 13 53.55	46.597	–13.22	–1 8.4	21 41 28.05	– 2.66	–11 47 55.3	–18.6
18	109 B. Ursæ Majoris s. p.	9	49 53.75	+ 0.71	– 2.35	67 39 57.20	43.855	–13.22	+2 16.0	9 49 52.11	.....	+73 19 29.2	....
19	α Aquarii	9	0 59.93	– 0.52	– **2.38**	320 15 54.65	44.014	–13.22	– 46.5	22 0 57.06	.....	– 0 46 31.4	....
20	π Pegasi	9	5 51.82	– 0.52	– 2.35	353 43 56.80	46.634	–13.22	– 6.1	22 5 48.95	.....	+32 43 11.0	....
21	32 Ursæ Majoris s. p.	9	11 8.99	+ 0.47	– 2.35	75 21 57.95	48.141	–13.22	+3 32.5	10 11 7.11	.....	+65 34 34.4	....
22	γ Aquarii	9	16 50.68	– 0.52	– **2.38**	319 9 53.35	46.537	–13.22	– 48.4	22 16 47.81	.....	– 1 51 36.9	....
23	π Aquarii	9	20 31.15	– 0.51	– **2.33**	321 55 53.53	45.559	–13.22	– 43.8	22 20 28.29	.....	+ 0 54 5.5	....
24	31 Cephei	9	33 34.71	– 1.04	– 2.35	34 9 56.63	45.382	–13.22	+ 38.2	22 33 31.32	– 6.09	+73 9 25.8	–23.8
25	67 Aquarii	9	38 22.36	– 0.53	– 2.35	313 35 54.18	42.608	–13.22	– 58.9	22 38 19.48	– 2.79	– 7 27 16.3	–19.8
26	ι Cephei	9	46 25.73	– 0.78	– 2.34	26 43 55.93	43.287	–13.22	+ 28.4	22 46 22.61	.....	+65 42 27.9	....
27	6 H. Draconis s. p.	9	52 18.04	+ 1.09	– 2.34	62 41 57.75	47.813	–13.22	+1 48.8	10 52 16.79	.....	+78 16 25.0	....
28	α Pegasi	9	0 7.44	– 0.49	– **2.28**	335 43 53.00	44.613	–13.22	– 25.3	23 0 4.61	.....	+14 42 1.8	....
29	π Cephei	9	5 2.96	– 1.13	– 2.34	35 53 54.80	43.673	–13.22	+ 40.8	23 4 59.49	.....	+74 52 47.7	....
30	ψ¹ Aquarii	9	11 0.72	– 0.54	– 2.34	311 25 52.17	46.239	–13.22	–1 3.5	23 10 57.84	– 2.84	– 9 36 0.0	–19.2
	September 29, Hl.												
31	35 Arietis	9	37 58.79	– 0.48	– 2.56	348 19 54.98	44.737	–13.05	– 11.6	2 37 55.75	– 3.32	+27 18 20.5	– 6.5
32	41 Arietis	9	44 29.74	– 0.48	– **2.59**	347 53 53.48	44.717	–13.07	– 12.1	2 44 26.71	.....	+26 52 18.0	....
33	47 H. Cephei	9	53 41.09	– 1.46	– 2.55	40 3 56.63	42.710	–13.09	+ 47.6	2 53 37.08	.....	+79 2 34.3	....
34	ι Persei	9	2 19.89	– 0.56	– 2.55	10 15 54.40	45.727	–13.11	+ 10.3	3 2 16.78	– 4.20	+49 15 4.2	+ 1.1
35	ζ Eridani	9	11 18.73	– 0.52	– 2.55	311 51 51.20	45.960	–13.13	–1 3.0	3 11 15.66	– 2.52	– 9 10 6.7	–12.0
36	τ¹ Arietis	9	15 50.49	– 0.47	– **2.54**	341 49 53.43	45.330	–13.14	– 18.5	3 15 47.47	.....	+20 48 25.5	....
37	ε Eridani	9	28 32.78	– 0.52	– **2.59**	311 15 51.58	44.842	–13.18	–1 4.4	3 28 29.71	.....	– 9 46 33.3	....
38	θ Ursæ Minoris s. p.	9	34 8.39	+ 1.06	– 2.55	63 19 55.80	43.185	–13.19	+1 52.6	15 34 6.90	+ 6.37	+77 40 9.3	–14.3
39	ζ Ursæ Minoris s. p.	9	47 21.19	+ 1.11	– 2.54	62 53 56.55	45.122	–13.22	+1 50.6	15 47 19.76	.....	+78 5 26.0	....
40	λ Persei	9	59 37.22	– 0.56	– 2.54	11 5 56.20	46.900	–13.25	+ 11.2	3 59 34.12	– 3.93	+50 5 33.6	+ 7.0
41	γ Tauri	9	14 28.83	– 0.47	– **2.53**	336 26	......	.....	. ....	4 14 25.82	.....	+15 23	....
42	Jupiter I, C.	5	19 11.92	– 0.47	– 2.54	341 25 52.98	40.659	–13.30	– 19.0	4 19 8.91	+ 1.52	+20 24 20.6	....
43	Jupiter II.	5	19 14.96	– 0.47	– 2.54	... .	......	.....	. ....	4 19 11.95	– 1.52	.. ..	....
44	70 B. Ursæ Minoris s. p.	8	34 39.90	+ 1.06	– 2.54	63 21 56.08	42.367	–13.34	+1 52.6	16 34 38.42	+ 5.02	+77 38 27.9	–20.6
45	o¹ Orionis	9	47 14.92	– 0.47	– 2.53	335 7 52.05	43.562	–13.37	– 26.2	4 47 11.92	– 2.46	+14 5 35.8	– 0.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
28 21 32	29.895	67.9	69.0
21 52	......	....	68.0
22 14	......	....	67.0
22 29	29.895	66.4	67.2
10 21	30.00	75.0	75.7
29 12 23	29.99	78.2	79.3
20 43	29.96	70.8	69.0
21 17	......	....	67.7
21 42	29.96	68.8	66.6
22 21	29.95	67.6	66.2
22 52	......	....	65.6
23 11	29.95	66.6	65.3
2 29	29.94	63.7	62.0
2 48	......	....	62.1
3 7	......	....	62.0
3 25	......	....	61.1
3 40	29.94	62.4	61.0
3 56	......	....	61.3
4 25	......	....	62.0
4 41	......	....	61.7
4 51	29.95	62.5	....

Micrometer bisections are made at II, VI, except as noted below.

1, 6, 10, 15, 18, 24, 27, 42.	Bisections at I, II, VI, VII.
7.	Bisections at I, II.
8, 34.	Bisections at VI, VII.
12.	Bisections at II, III, V, VI.
39.	Bisections at II, VI, VII.
42.	Z. D. threads A used.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 3.1	+ 6.5	...	+ 9.6
7	+ 5.8	+15 59.2	...	+16 5.0
8	+ 5.7	–15 59.3	...	–15 53.6
42	+ 0.6	.. ....	...	+ 0.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ι Tauri	9	57 30.54	− 0.47	− **2.51**	342 27 53.18	47.552	−13.40	− 17.8	4 57 27.54	.....	+21 27 16.5	....
2	β Eridani	9	3 15.89	− 0.51	− **2.52**	315 49 50.65	44.785	−13.41	− 55.0	5 3 12.85	.....	− 5 12 26.4	....
3	τ Orionis	9	13 4.67	− 0.51	− **2.53**	314 6	......	.....	.....	5 13 1.63	.....	− 6 56	....
4	Venus II, C	9	25 38.48	− 0.44	− 2.50	331 51 51.50	49.724	−13.47	− 29.6	10 25 35.54	− 0.44	+10 50 17.4	....
	September 30, Hl.												
5	Sun I, S	9	24 8.32	− 0.47	− 2.48	318 1 58.58	47.112	−13.19	− 49.0	12 24 5.37	+64.21	− 2 59 19.4	....
6	Sun II, N	9	26 16.75	− 0.47	− 2.48	318 33 56.05	47.068	−13 19	− 48.1	12 26 13.80	−64.22	− 2 27 21.4	....
7	76 Draconis	9	49 39.73	− 1.82	− 2.43	43 12 0.75	44.327	−12.72	+ 52.2	20 49 35.48	.....	+82 11 19.4	....
8	θ Capricorni	9	0 42.07	− 0.57	− **2.43**	303 25 54.80	46.055	−12.72	−1 23.9	21 0 39.08	.....	−17 36 21.4	....
9	ζ Cygni	9	8 59.01	− 0.50	− **2.40**	350 51 57.53	45.470	−12.72	− 8.9	21 8 56.09	.....	+29 50 43.8	....
10	1 H. Draconis s. p.	9	23 33.06	+ 1.39	− 2.42	59 15 59.80	43.252	−12.72	+1 33.6	9 23 32.03	.....	+81 44 21.4	....
11	α Pegasi	9	0 7.49	− 0.47	− **2.35**	335 43 56.58	44.480	−12.72	− 25.2	23 0 4.62	.....	+14 42 3.0	....
12	φ Aquarii	9	9 29.99	− 0.50	− **2.47**	314 27 54.05	47.620	−12.72	− 57.0	23 9 27.09	.....	− 6 33 19.5	....
13	249 B. Ursæ Majoris s. p.	9	17 13.18	+ 0.40	− 2.40	76 6 0.53	47.051	−12.72	+3 43.7	11 17 11.18	.....	+64 50 44.9	....
14	ι Andromedæ	9	33 35.12	− 0.50	− 2.40	3 45 57.73	45.458	−12.72	+ 3.8	23 33 32.22	.....	+42 44 55.4	....
15	ι¹ Aquarii	9	39 22.33	− 0.55	− **2.41**	302 13 54.00	47.430	−12.72	−1 28.6	23 39 19.38	.....	−18 47 55.5	....
16	30 Piscium	9	57 11.05	− 0.50	− 2.39	314 29 53.25	45.408	−12.72	− 57.0	23 57 8.16	.....	− 6 32 10.9	....
17	α Andromedæ	9	3 34.72	− 0.46	− **2.34**	349 35 57.58	44.480	−12.72	− 10.3	0 3 31.87	.....	+28 34 18.8	....
18	α Cassiopeiæ	9	35 14.44	− 0.56	− 2.39	17 1 58.63	45.662	−12.72	+ 17.3	0 35 11.49	.....	+56 1 14.4	....
19	20 Ceti	9	48 14.97	− 0.48	− **2.43**	319 21 53.22	47.374	−12.72	− 48.2	0 48 12.11	.....	− 1 39 17.2	....
	October 2, Hl.												
20	Sun N	.	.. ..	....	....	317 47 55.70	45.582	−13.85	− 49.6	12 32	.....	− 3 13 58.5	....
21	Sun S	.	.. ..	....	....	317 15 54.20	45.745	−13.85	− 50.6	.. ..	.....	− 3 45 56.6	....
	October 3, Bs.												
22	γ Andromedæ	7	58 9.56	− 0.43	− 1.20	2 54 0.43	44.678	−14.77	+ 2.9	1 58 7.93	.....	+41 52 37.3	....
23	55 Cassiopeiæ	9	7 9.16	− 0.56	− 1.20	27 6 0.98	44.130	−14.81	+ 29.3	2 7 7.40	.....	+66 4 51.5	....
24	67 Ceti	9	12 19.25	− 0.51	− **1.28**	314 9 55.88	47.700	−14.82	− 58.5	2 12 17.54	.....	− 6 51 19.5	....
25	ξ² Ceti	9	23 11.08	− 0.45	− **1.24**	329 3 56.38	45.616	−14.86	− 34.1	2 23 9.44	.....	+ 8 2 17.7	....
26	142 H¹. Cephei	9	34 18.62	− 1.18	− 1.19	42 4 1.42	42.990	−14.90	+ 51.5	2 34 16.25	−14.29	+81 2 46.8	+ 3.1
27	41 Arietis	9	44 28.36	− 0.42	− **1.20**	347 53 58.72	44.553	−14.94	− 12.2	2 44 26.75	.....	+26 52 17.5	....
28	τ Persei	9	47 37.24	− 0.45	− 1.19	13 24 0.20	43.910	−14.95	+ 13.6	2 47 35.60	.....	+52 22 30.0	....
29	47 H. Cephei	9	53 39.21	− 1.00	− 1.19	40 4 1.42	42.652	−14.97	+ 48.0	2 53 37.02	.....	+79 2 35.8	....
30	ι Persei	9	2 18.37	− 0.44	− 1.19	10 16 0.48	45.597	−15.00	+ 10.4	3 2 16.74	− 4.32	+49 15 5.6	+ 0.2
31	48 H. Cephei	9	8 26.65	− 0.88	− 1.19	38 24 0.55	44.161	−15.02	+ 45.3	3 8 24.58	.....	+77 23 6.9	....
32	τ¹ Arietis	9	15 49.12	− 0.43	− **1.13**	341 49 57.08	45.202	−15.04	− 18.7	3 15 47.51	.....	+20 48 24.2	....
33	ξ Tauri	9	22 5.70	− 0.45	− **1.22**	330 25 56.10	45.459	−15.07	− 32.3	3 22 4.07	.....	+ 9 24 15.4	....
34	ε Eridani	8	28 31.44	− 0.52	− **1.17**	311 15 56.15	44.717	−15.09	−1 4.8	3 28 29.74	.....	− 9 46 33.9	....
35	θ Ursæ Minoris s. p.	8	34 6.04	+ 0.66	− 1.18	63 20 0.42	43.065	−15.11	+1 53.3	15 34 5.52	+ 6.73	+77 40 8.3	−13.4
36	η Tauri	9	41 54.83	− 0.42	− **1.17**	344 49 57.95	46.008	−15.14	− 15.4	3 41 53.23	.....	+23 48 46.6	....
37	ξ Persei	9	52 52.82	− 0.42	− 1.18	356 31 58.90	46.292	−15.17	− 3.4	3 52 51.22	.....	+35 31 6.0	....
38	λ Persei	9	59 35.83	− 0.44	− 1.18	11 6 0.32	46.832	−15.20	+ 11.3	3 59 34.21	− 4.08	+50 5 34.4	+ 6.5
39	μ Tauri	9	10 26.72	− 0.45	− 1.17	329 41 56.35	43.177	−15.24	− 33.3	4 10 25.10	− 2.65	+ 8 39 22.4	− 4.3
40	γ Tauri	9	14 27.50	− 0.43	− **1.14**	336 25 58.15	44.331	−15.25	− 24.8	4 14 25.90	.....	+15 23 59.0	....
41	68 Tauri	9	20 3.90	− 0.43	− 1.17	338 43 58.22	46.094	−15.27	− 22.1	4 20 2.30	− 2.78	+17 42 42.0	− 1.0
42	ε Tauri	9	23 8.44	− 0.43	− **1.11**	339 59 58.05	44.832	−15.28	− 20.7	4 23 6.84	.....	+18 58 14.4	....
43	Venus II, S	6	44 8.93	− 0.42	− 1.13	330 11 57.40	47.443	−15.19	− 32.0	10 44 7.38	− 0.43	+ 9 11 2.5	....
	October 4, Bs.												
44	Sun I, N	9	38 37.29	− 0.46	− 1.11	317 1 56.38	44.520	−14.95	− 51.4	12 38 35.72	+64.50	− 4 0 25.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 5 7	......	....	60.9
5 35	29.95	61.2	59.3
10 26	30.01	73.7	73.3
30 12 26	30.00	78.9	80.2
20 36	29.935	72.1	71.6
21 5	......	....	70.1
21 33	29.94	70.7	69.2
22 18	29.93	68.6	66.9
23 24	......	....	66.0
23 45	......	....	65.6
23 49	29.935	67.2	....
0 29	......	....	64.7
0 57	29.925	65.4	63.7
2 12 31	29.955	77.0	77.7
3 1 58	29.81	57.2	55.8
2 23	......	....	55.7
2 54	29.78	56.7	55.8
3 29	......	....	55.7
4 0	29.78	56.7	55.8
4 23	29.80	57.1	55.8
10 41	29.85	64.9	66.0

Micrometer bisections are made at II, VI, except as noted below.

4.	Z. D. threads C used.
4, 7, 10, 13, 19, 26, 29, 31, 35.	Bisections at I, II, VI, VII.
5, 20, 44.	Bisections at I, II.
6, 11, 21.	Bisections at VI, VII.
43.	Bisections at II, VI, VII.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 3.1	.. ....	+ 0.1	+ 3.2
5	+ 5.8	+15 59.0	...	+16 4.8
6	+ 5.8	−15 59.0	...	−15 53.2
20	+ 5.9	−15 59.0	...	−15 53.1
21	+ 5.9	+15 59.1	...	+16 5.0
43	+ 3.3	+ 6.4	...	+ 9.7
44	+ 6.0	−16 1.4	...	−15 55.4

Notes.

10, 13, 19.	Unsteady.
18.	Circle reading decreased 30′.
22–42.	Conditions very poor.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun II, S.	9	40 46.29	− 0.46	− 1.11	316 29 56.02	44.422	−14.95	− 52.3	12 40 44.72	−64.50	− 4 32 27.8	....
2	Moon I, S.	8	13 45.61	− 0.65	− 1.05	300 49 56.42	46.423	−14.20	−1 31.9	18 13 43.91	+69.94	−20 12 20.9	....
3	ξ Cygni	9	1 32.49	− 0.52	− 1.05	4 34 0.50	46.758	−14.61	+ 4.5	21 1 30.92	− 2.50	+43 33 26.7	−29.9
4	98 B. Cephei	9	7 30.81	− 1.19	− 1.05	38 46 0.60	43.846	−14.61	+ 45.0	21 7 28.57	.....	+77 45 0.1	....
5	d Ursæ Majoris s. p.	9	26 5.49	+ 0.49	− 1.05	70 44 3.00	45.328	−14.61	+2 39.3	9 26 4.93	.....	+70 14 27.9	....
6	γ Capricorni	9	34 54.01	− 0.59	− **1.03**	303 57 55.88	43.776	−14.61	−1 22.8	21 34 52.38	.....	−17 5 13.2	....
7	11 Cephei	9	40 37.81	− 0.84	− 1.04	31 54 0.90	44.154	−14.61	+ 34.9	21 40 35.93	.....	+70 52 57.6	....
8	16 Pegasi	9	48 48.56	− 0.49	− **1.00**	346 30 0.55	46.754	−14.61	− 13.4	21 48 47.03	.....	+25 29 8.8	....
9	158 B. Cephei	9	51 47.00	− 0.92	− 1.04	34 16 0.60	45.896	−14.61	+ 38.2	21 51 45.04	.....	+73 15 40.4	....
10	α Aquarii	9	0 58.54	− 0.52	− **1.03**	320 15 57.82	43.916	−14.61	− 46.4	22 0 56.98	.....	− 0 46 31.7	....
11	27 Pegasi	9	5 5.43	− 0.49	− 1.04	353 43 59.85	45.984	−14.61	− 6.1	22 5 3.90	− 2.89	+32 42 57.8	−26.8
12	π Pegasi	9	5 50.37	− 0.49	− 1.04	353 43 59.85	46.570	−14.61	− 6.1	22 5 48.84	.....	+32 43 11.2	....
13	π Aquarii	9	20 29.80	− 0.51	− **1.02**	321 55 57.20	45.440	−14.61	− 43.8	22 20 28.25	.....	+ 0 54 5.1	....
14	7 Lacertæ	9	27 27.51	− 0.54	− 1.04	10 49 59.85	43.024	−14.61	+ 10.8	22 27 25.93	.....	+49 48 6.9	....
15	η Aquarii	9	30 32.87	− 0.52	− **1.08**	320 25 56.50	45.146	−14.61	− 46.2	22 30 31.32	.....	− 0 36 4.7	....
16	ε Piscis Australis	9	35 28.66	− 0.65	− 1.03	293 31 57.22	43.366	−14.61	−2 7.7	22 35 26.98	.....	−27 32 6.1	....
17	λ Pegasi	9	42 1.69	− 0.48	− **0.98**	344 5 58.60	44.915	−14.61	− 15.9	22 42 0.18	.....	+23 4 22.3	....
18	λ Aquarii	9	47 43.89	− 0.54	− **1.00**	312 57 56.98	43.948	−14.61	−1 0.0	22 47 42.32	.....	− 8 4 45.4	....
19	55 Pegasi	9	2 17.48	− 0.49	− 1.03	329 55 57.25	45.140	−14.61	− 32.4	23 2 15.96	− 2.90	+ 8 54 9.7	−22.0
20	5 H. Cassiopeiæ	9	8 48.16	− 0.57	− 1.03	17 39 59.98	45.178	−14.61	+ 17.9	23 8 46.56	.....	+56 39 3.3	....
	October 4, Hl.												
21	υ Piscium	9	14 19.77	− 0.44	− **1.30**	347 47 58.58	44.205	−14.61	− 12.1	1 14 18.07	.....	+26 46 9.9	....
22	48 Ceti	9	25 7.41	− 0.57	− 1.26	298 55 55.28	45.355	−14.61	−1 41.1	1 25 5.58	− 2.76	−22 6 56.0	−16.3
23	π Piscium	9	32 8.51	− 0.44	− **1.28**	332 39 55.32	48.955	−14.61	− 29.0	1 32 6.81	.....	+11 39 38.3	....
24	ο Piscium	9	40 27.36	− 0.45	− **1.27**	329 41 56.58	47.565	−14.61	− 32.8	1 40 25.66	.....	+ 8 41 4.0	....
25	i Draconis s. p.	9	48 37.64	+ 0.47	− 1.25	75 46 2.12	45.330	−14.61	+3 38.9	13 48 36.86	+ 2.87	+65 11 29.3	− 1.1
26	α Draconis s. p.	9	1 47.08	+ 0.46	− 1.25	76 8 2.25	44.289	−14.61	+3 44.8	14 1 46.29	.....	+64 49 47.0	....
27	67 Ceti	9	12 19.25	− 0.47	− **1.31**	314 9 55.92	47.658	−14.61	− 57.8	2 12 17.53	.....	− 6 51 19.5	....
28	δ Fornacis	9	38 32.38	− 0.65	− 1.23	288 49 55.42	44.642	−15.10	−2 43.3	3 38 30.50	− 2.25	−32 14 14.8	−14.0
29	ε Persei	9	51 33.90	− 0.45	− 1.23	0 45 59.78	43.525	−15.10	+ 0.8	3 51 32.22	.....	+39 44 7.9	....
30	151 H¹. Cephei	7	6 58.21	− 2.73	− 1.23	46 18 0.73	46.060	−15.10	+ 59.1	4 6 54.25	.....	+85 18 3.3	....
31	Jupiter I, C.	5	18 40.79	− 0.43	− 1.23	341 23 57.28	41.585	−15.10	− 18.9	4 18 39.13	+ 1.56	+20 22 44.4	....
32	Jupiter II	5	18 43.91	− 0.43	− 1.23	... .	......	.....	. ....	4 18 42.25	− 1.56	.. ..	....
33	4 Camelopardalis	9	40 11.33	− 0.52	− 1.22	17 35 59.62	45.485	−15.10	+ 18.0	4 40 9.59	.....	+56 35 9.6	....
34	π^5 Orionis	9	49 44.11	− 0.44	− 1.22	331 1 56.20	44.890	−15.10	− 31.1	4 49 42.45	− 2.51	+10 0 3.7	− 1.4
35	ε Ursæ Minoris s. p.	9	55 31.22	+ 1.44	− 1.22	58 48	......	.....	. ....	16 55 31.44	.....	+82 11	....
36	β Orionis	9	10 2.24	− 0.50	− **1.25**	312 43 57.58	44.555	−15.10	−1 0.8	5 10 0.52	.....	− 8 18 32.2	....
37	12 G. Columbæ	9	15 40.22	− 0.61	− 1.22	293 35 57.12	44.235	−15.10	−2 7.9	5 15 38.39	− 1.85	−27 27 47.0	−10.0
38	18 Camelopardalis	9	24 31.12	− 0.51	− 1.22	18 9 58.85	45.140	−15.10	+ 18.6	5 24 29.39	− 3.83	+57 9 1.5	+16.0
39	ε Orionis	9	31 27.40	− 0.47	− **1.23**	319 45 56.28	46.285	−15.10	− 47.5	5 31 25.72	.....	− 1 15 40.7	....
40	γ Leporis	9	40 33.81	− 0.58	− 1.21	298 33 54.80	46.358	−15.10	−1 42.9	5 40 32.02	− 1.80	−22 28 35.9	− 7.8
41	α Orionis	9	50 5.52	− 0.45	− **1.17**	328 25 56.12	43.285	−15.10	− 34.6	5 50 3.86	.....	+ 7 23 23.5	....
42	1 Geminorum	9	58 24.69	− 0.42	− **1.17**	344 17 58.80	44.048	−15.10	− 15.8	5 58 23.06	.....	+23 16 2.3	....
43	Venus II, S.	9	48 45.51	− 0.45	− 1.17	329 45 56.82	48.808	−14.94	− 32.1	10 48 43.89	− 0.43	+ 8 45 33.0	....
	October 5, Hl.												
44	Sun I, S.	9	42 15.65	− 0.48	− 1.15	316 5 55.70	46.700	−14.71	− 52.4	12 42 14.02	+64.50	− 4 55 36.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 12 41	29.845	71 2	72.0
18 14	29.78	73.3	71.8
21 2	29.78	65.3	65.2
21 35	......	....	64.2
22 1	29.77	64.5	65.0
22 31	......	....	63.8
23 2	29.77	63.6	63.5
0 52	29.765	62.3	62.8
1 19	......	....	62.9
1 35	......	....	62.0
1 54	......	....	61.9
2 7	29.765	61.7	....
2 18	......	....	60.9
3 30	29.76	60.1	60.5
3 48	......	....	60.8
4 27	......	....	61.0
4 30	29.76	60.3	....
4 52	......	....	61.0
5 20	......	....	61.2
5 37	29.765	60.6	....
5 44	......	....	61.0
6 8	29.765	59.9	60.1
10 49	29.82	71.8	72.6

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at VI, VII.
2. Bisections at II, III, IV, V, VI.
5, 22, 25, 26, 28, 31, 43. Bisections at I, II, VI, VII.
31. Z. D. threads A used.
37, 44. Bisections at I, II.
38. Bisections at II, VII.

Notes.

19, 22. Revolutions of micrometer reading assumed.
22, 25. Very unsteady; fuzzy.
24. Fuzzy.
30. Microscopes read at beginning and end of observation.
35. Right ascension observed eye and ear.
40. Unsteady.
43. Micrometer reading decreased 1 rev.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.0	+16 1.4	...	+16 7.4
2	+49 43.1	+15 51.7	...	+65 34.8
31	+ 0.6	.. ....	...	+ 0.6
43	+ 3.3	+ 6.4	...	+ 9.7
44	+ 6.1	+16 0.5	...	+16 6.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun II, N	9	44 24.64	− 0.48	− 1.15	316 37 55.72	46.672	−14.71	− 51.4	12 44 23.01	−64.49	− 4 23 35.6	....
2	Moon I, S.	9	12 36.10	− 0.64	− 1.08	301 5 55.45	45.432	−13.23	−1 31.1	19 12 34.38	+68.71	−19 56 42.7	....
3	d Ursæ Majoris s. P.	9	26 6.01	+ 0.46	− 1.07	70 44 1.40	45.472	−13.69	+2 37.4	9 26 5.40	.....	+70 14 27.3	....
4	γ Capricorni	9	34 54.15	− 0.59	− **1.19**	303 57 55.55	43.670	−13.69	−1 21.8	21 34 52.49	.....	−17 5 14.0	....
5	ε Pegasi	9	39 35.38	− 0.51	− **1.08**	330 28	......	.....	. ....	21 39 33.80	.....	+ 9 26	....
6	π Pegasi	9	5 50.47	− 0.50	− 1.06	353 43 59.02	46.612	−13.69	− 6.0	22 5 48.91	.....	+32 43 12.3	....
7	π Aquarii	9	20 29.82	− 0.52	− **1.04**	321 55 56.12	45.428	−13.69	− 43.2	22 20 28.24	.....	+ 0 54 5.3	....
8	η Aquarii	9	30 32.86	− 0.52	− **1.07**	320 25 55.72	45.148	−13.69	− 45.6	22 30 31.28	.....	− 0 36 3.9	....
9	ε Piscis Australis	9	35 28.79	− 0.65	− 1.06	293 31 56.38	43.280	−13.69	−2 6.1	22 35 27.08	.....	−27 32 6.4	....
10	λ Aquarii	9	47 43.92	− 0.54	− **1.04**	312 57 56.62	43.875	−13.69	− 59.3	22 47 42.32	.....	− 8 4 45.8	....
11	55 Pegasi	9	2 17.59	− 0.50	− 1.05	329 55 58.32	45.050	−13.69	− 32.0	23 2 16.04	− 2.90	+ 8 54 10.0	−22.0
	October 5, Br.												
12	212 G. Eridani	9	16 34.17	− 0.59	− 1.00	300 11 48.38	43.222	−13.70	−1 36.8	4 16 32.58	− 2.24	−20 51 46.4	−10.9
13	ε Tauri	9	23 8.41	− 0.44	− **1.02**	339 59 57.10	44.825	−13.70	− 20.6	4 23 6.97	.....	+18 58 15.0	....
14	53 Eridani	9	33 53.58	− 0.55	− **1.06**	306 33 53.40	43.550	−13.70	−1 16.2	4 33 52.03	.....	−14 29 13.3	....
15	4 Camelopardalis	9	40 11.08	− 0.49	− 1.00	17 35 57.48	45.545	−13.70	+ 18.1	4 40 9.59	.....	+56 35 10.5	....
16	π⁴ Orionis	9	46 12.68	− 0.47	− 0.99	326 27 53.80	46.728	−13.70	− 37.5	4 46 11.22	− 2.48	+ 5 26 38.3	− 3 0
17	π¹ Orionis	9	49 43.91	− 0.46	− 0.99	331 1 55.38	44.848	−13.70	− 31.3	4 49 42.46	− 2 54	+10 0 3.1	− 1.4
18	β Orionis	9	10 2.02	− 0.52	− **0.99**	312 43 56.08	44.565	−13.70	−1 1.4	5 10 0.51	.....	− 8 18 32.7	....
19	12 G. Columbæ	9	15 39.98	− 0.64	− 0.99	293 35 55.05	44.295	−13.70	−2 9.3	5 15 38.35	− 1.88	−27 27 47.7	− 9.9
20	η Orionis (*mean*)	9	19 45.68	− 0.50	− 0.99	318 33 55.10	42.998	−13.70	− 50.2	5 19 44.19	− 2.19	− 2 28 58.3	− 3.4
21	18 Camelopardalis	9	24 30.91	− 0.49	− 0.99	18 9 57.58	45.118	−13.70	+ 18.8	5 24 29.43	− 3.88	+57 9 1.5	+15.9
22	ε Orionis	9	31 27.18	− 0.49	− **0.96**	319 45 55.12	46.302	−13.70	− 48.1	5 31 25.70	.....	− 1 15 40.7	....
23	α Columbæ	9	36 15.92	− 0.71	− 0.99	286 57 55.00	42.695	−13.70	−3 4.3	5 36 14.22	.....	−34 7 19.3	....
24	γ Leporis	9	40 33.56	− 0.60	− 0.98	298 33 54.18	46.378	−13.70	−1 44.2	5 40 31.98	− 1.83	−22 28 35.9	− 7.8
25	ξ Aurigæ	9	46 58.08	− 0.49	− 0.98	16 41 57.72	44.705	−13.70	+ 17.2	5 46 56.61	.....	+55 40 50.7	....
26	α Orionis	9	50 5.33	− 0.46	− **0.94**	328 25 54.68	43.252	−13.70	− 35.0	5 50 3.89	.....	+ 7 23 22.3	....
27	1 Geminorum	9	58 24.51	− 0.44	− **0.94**	344 17 57.02	44.038	−13.70	− 16.0	5 58 23.09	.....	+23 16 1.5	....
28	η Geminorum	9	9 12.29	− 0.44	− **0.90**	343 33 57.50	43.965	−13.70	− 16.8	6 9 10.87	.....	+22 31 59.5	....
29	7 Monocerotis	9	15 11.56	− 0.52	− 0.98	313 15 56.80	43.572	−13.70	−1 0.7	6 15 10.06	.....	− 7 46 54.0	....
	October 6, Br.												
30	Moon I, S.	9	9 7.09	− 0.64	+ 3.20	302 27 56.70	43.274	−13.82	−1 30.0	20 9 9.65	+67.15	−18 35 30.3	....
31	μ Aquarii	9	47 31.57	− 0.55	+ **3.21**	311 41 56.60	45.880	−13.82	−1 4.5	20 47 34.22	.....	− 9 20 5.3	....
32	7 Aquarii	9	51 45.77	− 0.56	+ 3.20	310 57 57.18	47.745	−13.82	−1 6.1	20 51 48.41	− 2.38	−10 3 23.7	−18.1
33	ξ Cygni	9	1 25.22	− 0.48	+ 3.20	4 34 0.58	46.760	−13.82	+ 4.7	21 1 30.94	− 2.45	+43 33 27.9	−30.2
34	3 Piscis Australis	9	7 39.55	− 0.67	+ 3.21	293 3 56.98	43.408	−13.82	−2 14.3	21 7 42.09	− 2.58	−28 0 11.2	−12.9
35	τ Cygni	9	10 59.70	− 0.47	+ 3.21	358 39 59.65	45.622	−13.82	− 1.3	21 11 2.44	.....	+37 38 54.9	....
36	1 Pegasi	9	17 41 26	− 0 46	+ **3.25**	340 25 58.35	44.978	−13.82	− 20.4	21 17 44.01	.....	+19 24 19.8	....
37	β Cephei	9	27 27.62	− 0.73	+ 3.21	31 10 0.65	44.630	−13.82	+ 35.0	21 27 30.10	.....	+70 9 9.5	....
38	γ Capricorni	9	34 49.79	− 0.58	+ **3.15**	303 57 56.52	43.835	−13.82	−1 25.3	21 34 52.42	.....	−17 5 12.9	....
39	ε Pegasi	9	39 31.04	− 0.47	+ **3.21**	330 27 58.42	46.662	−13.82	− 32.6	21 39 33.78	.....	+ 9 26 46.2	....
40	π² Cygni	6	43 17.16	− 0.48	+ 3.21	9 54 0.55	44.588	−13.82	+ 10.1	21 43 19.89	.....	+48 52 43.6	....
41	16 Pegasi	9	48 44.23	− 0.45	+ **3.26**	346 30 0.18	46.800	−13.82	− 13.8	21 48 46.99	.....	+25 29 9.9	....
42	α Aquarii	9	0 54.22	− 0.50	+ **3.25**	320 15 57.98	43.962	−13.82	− 47.9	22 0 56.93	.....	− 0 46 31.2	....
43	27 Pegasi	9	5 1.06	− 0.44	+ 3.22	353 44 0.25	45.950	−13.82	− 6.3	22 5 3.84	− 2.86	+32 42 57.9	−27.2
44	24 Cephei	9	8 1.66	− 0.77	+ 3.22	32 54 0.30	43.870	−13.82	+ 37.4	22 8 4.11	.....	+71 52 54.2	....
45	π Aquarii	9	20 25.56	− 0.48	+ **3.17**	321 55 58.05	45.428	−13.82	− 45.2	22 20 28.30	.....	+ 0 54 5.1	....
46	7 Lacertæ	9	27 23.28	− 0.47	+ 3.22	10 49 59.95	43.015	−13.82	+ 11.1	22 27 26.03	.....	+49 48 8.1	....
47	η Aquarii	9	30 28.53	− 0.48	+ **3.21**	320 25 57.82	45.140	−13.82	− 47.7	22 30 31.27	.....	− 0 36 4.3	....
48	λ Pegasi	9	41 57.44	− 0.43	+ **3.21**	344 5 59.55	44.862	−13.82	− 16.4	22 42 0.23	.....	+23 4 22.4	....
49	λ Aquarii	9	47 39.63	− 0.51	+ **3.22**	312 57 58.12	43.915	−13.82	−1 2.0	22 47 42.34	.....	− 8 4 46.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 12 42	29.81	75.7	77.9
19 22	29.78	72.7	71.2
21 17	29.795	69.9	70.7
21 42	....	....	71.3
22 12	29.805	70.1	70.8
22 39	....	....	70.9
22 53	....	....	70.7
23 48	29.825	69.8	69.8
4 14	29.90	62.7	60.9
4 50	....	....	60.0
5 30	....	....	58.0
5 53	29.94	59.4	57.0
6 22	29.95	58.0	56.0
6 20 11	30.05	58.1	55.9
20 46	....	....	55.0
20 55	30.06	57.0	....
21 25	....	....	54.5
21 52	30.065	55.9	54.0
22 50	30.08	55.0	53.1

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at VI, VII.
2, 30.	Bisections at II, III, IV, V, VI.
3.	Bisections at a_4, c_3.
9.	Bisections at II, VII.
15, 21, 25, 33, 37, 44, 46.	Bisections at III, V.
20.	Bisections at I, II, VII.
23, 24, 34, 42, 43.	Bisections at I, II.
40.	Bisections at b_6, b_9.

Notes.

19, 24, 30–49.	Unsteady.
20.	Assumed that mean was observed.
46.	Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.0	−16 0.4	...	−15 54.4
2	+48 51.0	+15 37.7	...	+64 28.7
30	+47 28.7	+15 24.9	...	+62 53.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	October 6, Bs.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus II, S.	9	57 52.80	− 0.40	+ 3.61	328 55 59.22	44.082	−15.61	− 34.6	10 57 56.01	− 0.42	+ 7 53 44.2	....
	October 7, Bs.												
2	Sun I, S.	9	49 28.58	− 0.45	+ 3.63	315 19 57.58	46.422	−15.25	− 56.2	12 49 31.76	+64.60	− 5 41 45.5	....
3	Sun II, N.	9	51 37.79	− 0.45	+ 3.63	315 51 57.15	46.524	−15.25	− 55.2	12 51 40.97	−64.61	− 5 9 41.9	....
4	ζ Delphini	9	30 50.96	− 0.45	+ 3 73	335 21 59 75	47.572	−15.57	− 26.3	20 30 54.24	− 2.15	+14 21 12.9	−24.8
5	α Delphini	9	35 12.47	− 0.45	+ **3.73**	336 35 59.60	47.073	−15.59	− 24.8	20 35 15.75	.....	+15 35 2.8	....
6	η Cephei	9	43 20.69	− 0.53	+ 3.73	22 30 3.65	44.006	−15.62	+ 23.9	20 43 23.89	.....	+61 28 45.2	....
7	76 Draconis	9	49 31.56	− 1.46	+ 3.73	43 12 3.80	44.334	−15.64	+ 54.1	20 49 33.83	.....	+82 11 21.6	....
8	Moon I, S.	9	3 9.64	− 0.59	+ 3.73	304 43 59.62	43.733	−15.69	−1 22.8	21 3 12.78	+65.48	−16 19 11.6	....
9	ι Capricorni	9	16 56.92	− 0.58	+ **3.70**	303 47 58.72	46.804	−15.75	−1 25.6	21 17 0.07	.....	−17 14 5.1	....
10	1 H. Draconis s. p.	9	23 27.25	+ 1.18	+ 3.73	59 16 4.10	43.152	−15.77	+1 36.8	9 23 32.16	.....	+81 44 19.2	....
11	74 Cygni	9	33 7.81	− 0.44	+ 3.74	1 0 2.50	47.577	−15.81	+ 1.1	21 33 11.11	.....	+39 59 42.8	....
12	κ Capricorni	9	37 20.82	− 0.60	+ 3.74	301 45 57.75	42.942	−15.81	−1 32.8	21 37 23.96	− 2.59	−19 17 41.6	−16.2
13	ν Cephei	9	42 42.48	− 0.53	+ 3.74	21 42 2.52	45.973	−15.85	+ 23.0	21 42 45.69	− 3.36	+60 41 27.9	−30.0
14	Bradley 2868	9	49 54.87	− 0.49	+ 3.74	16 48 1.88	43.400	−15.87	+ 17.5	21 49 58.12	− 3.24	+55 46 23.0	−29.6
15	η Piscis Australis (*mean*).	9	55 22.57	− 0.68	+ 3.74	292 9 59.45	43.202	−15.89	−2 20.5	21 55 25.63	− 2.71	−28 54 21.7	−13.9
16	α Aquarii	9	0 53.71	− 0.50	+ **3.75**	320 16 0.72	43.960	−15.91	− 47.9	22 0 56.95	.....	− 0 46 30.6	....
17	27 Pegasi	9	5 0.56	− 0.44	+ 3.74	353 44	......	.....	. ....	22 5 3.86	− 2.85	+32 42	....
18	π Pegasi	8	5 45.58	− 0.44	+ 3.74	353 44 2.68	46.549	−15.93	− 6.3	22 5 48.88	.....	+32 43 12.0	....
19	γ Aquarii	9	16 44.49	− 0.50	+ **3.72**	319 9 59.88	46.491	−15.98	− 49.8	22 16 47.73	.....	− 1 51 35.6	....
20	π Aquarii	8	20 24.98	− 0.49	+ **3.75**	321 56 0.02	45.494	−15.99	− 45.2	22 20 28.23	.....	+ 0 54 6.4	....
21	9 H. Draconis s. p.	9	26 54.59	+ 0.67	+ 3.75	64 48 2.52	43.770	−16.02	+2 2.6	10 26 59.01	.....	+76 11 42.1	....
22	31 Cephei	9	33 27.88	− 0.77	+ 3.75	34 10 1.80	45.316	−16.04	+ 39.4	22 33 30.86	− 5.78	+73 9 28.1	−26.5
23	67 Aquarii	9	38 16.11	− 0.53	+ 3.75	313 36 0 38	42.546	−16.06	−1 0.6	22 38 19.33	− 2.74	− 7 27 16.1	−19.7
24	μ Pegasi	9	45 24.69	− 0 44	+ **3.80**	345 8 1.02	45.000	−16.09	− 15.3	22 45 28.00	.....	+24 6 25.8	....
25	6 H. Draconis s. p.	9	52 12.73	+ 0.81	+ 3.75	62 42 4.62	47.630	−16.10	+1 52.1	10 52 17.29	.....	+78 16 21.9	....
26	α Pegasi	9	0 1.34	− 0.45	+ **3.74**	335 44 1.62	44.465	−16.15	− 26.0	23 0 4.64	.....	+14 42 3.5	....
	October 8, Bs.												
27	ξ Cygni	9	1 27.42	− 0.45	+ 3.96	4 33 56.98	46.857	−12.80	+ 4.6	21 1 30.93	− 2.40	+43 33 27.3	−30.4
28	3 Piscis Australis	9	7 38.76	− 0.66	+ 3.96	293 3 55.78	43.294	−12.80	−2 13.0	21 7 42.06	− 2.55	−28 0 12.7	−12.7
29	τ Cygni	9	10 58.85	− 0.44	+ 3.96	358 39 56.58	45.704	−12.80	− 1.3	21 11 2.37	.....	+37 38 54.7	....
30	1 Pegasi	9	17 40.48	− 0.44	+ **3.98**	340 25 56.15	45.038	−12.80	− 20.3	21 17 44.00	.....	+19 24 20.1	....
31	β Cephei	9	27 26.46	− 0.71	+ 3.96	31 9 58.12	44.780	−12.80	+ 34.6	21 27 29.71	.....	+70 9 10.7	....
32	γ Capricorni	9	34 48.96	− 0.57	+ **3.94**	303 57 53.75	43.850	−12.80	−1 24.5	21 34 52.36	.....	−17 5 13.5	....
33	ε Pegasi	9	39 30.24	− 0.46	+ **3.98**	330 27 54.48	46.778	−12.80	− 32.3	21 39 33.75	.....	+ 9 26 46.2	....
34	ν Cephei	9	42 42.24	− 0.54	+ 3.97	21 41 56.80	46.122	−12.80	+ 22.9	21 42 45.67	− 3.32	+60 41 28.5	−30.2
35	16 Pegasi	9	48 43.48	− 0.44	+ **3.98**	346 29 57.58	46.840	−12.80	− 13.7	21 48 47.01	.....	+25 29 9.3	....
36	Moon I, S.	9	54 44.16	− 0.55	+ 3.97	307 41 54.38	47.771	−12.80	−1 13.8	21 54 47.58	+63.90	−13 19 32.7	....
37	π Aquarii	9	20 24.76	− 0.48	+ **3.95**	321 55 55.55	45.478	−12.80	− 44.8	22 20 28.25	.....	+ 0 54 5.1	....
38	7 Lacertæ	9	27 22.41	− 0.47	+ 3.97	10 49 56.32	43.132	−12.80	+ 11.0	22 27 25.91	.....	+49 48 7.9	....
39	η Aquarii	9	30 27.76	− 0.49	+ **3.97**	320 25 53.85	45.251	−12.80	− 47.3	22 30 31.24	.....	− 0 36 4.3	....
40	λ Pegasi	9	41 56.58	− 0.44	+ **4.06**	344 5 55.30	45.016	−12.80	− 16.3	22 42 0.12	.....	+23 4 22.8	....
41	λ Aquarii	9	47 38.87	− 0.52	+ **3.97**	312 57 54.42	44.034	−12.80	−1 1.4	22 47 42.33	.....	− 8 4 45.6	....
	October 8, Hl.												
42	τ^3 Eridani	9	58 11.73	− 0.59	+ 3.77	297 3 53.30	44.198	−13.04	−1 52.4	2 58 14.91	.....	−23 59 34.1	....
43	48 H. Cephei	9	8 22.58	− 0.90	+ 3.77	38 23 57.28	44.218	−13.04	+ 45.9	3 8 25.45	.....	+77 23 7.8	....
44	ξ Tauri	9	22 0.76	− 0.41	+ **3.78**	330 25 54.60	45.522	−13.04	− 32.7	3 22 4.12	.....	+ 9 24 17.0	....
45	ε Eridani	9	28 26.64	− 0.49	+ **3.70**	311 15 53.30	44.808	−13.04	−1 5.7	3 28 29.92	.....	− 9 46 33.5	....
46	ο Persei	9	38 21.63	− 0.38	+ 3.77	352 59 56.10	47.078	−13.04	− 7.0	3 38 25.02	− 3.48	+31 59 19.7	− 1.2
47	τ^7 Eridani	9	43 33.74	− 0.59	+ 3.78	296 53 52.85	43.388	−13.04	−1 53.4	3 43 36.93	− 2.40	−24 9 54.1	−12.4
48	τ^9 Eridani	9	55 51.62	− 0.59	+ 3.78	296 45 51.70	46.125	−13.04	−1 54.1	3 55 54.81	− 2.35	−24 16 53 4	−12.0
49	ψ Tauri	9	1 7.79	− 0.39	+ 3.78	349 45 55.00	45.712	−13.04	− 10.4	4 1 11.18	− 3.28	+28 44 44.0	− 0.1

Time.	Barom.	Att. Ther.	Ext. Ther.
h h m	in.	°	°
6 10 58	30.16	60.3	57.6
7 12 52	30.13	63.0	61.3
20 31	30.06	57.9	56.3
21 3	30.07	56.6	55.2
21 33	.....	....	54.8
22 1	30.07	55.5	54.0
22 33	.....	....	53.2
23 0	30.07	53.8	52.7
8 21 1	29.96	59.3	57.8
21 27	.....	....	57.2
21 55	29.96	57.7	56.0
22 30	.....	....	55.7
22 48	29.95	56.8	55.4
2 51	29.91	52.7	51.3
3 13	.....	....	51.0
3 32	.....	....	50.6
3 50	.....	....	49.9

Micrometer bisections are made at II, VI, except as noted below.

1, 7, 10, 25.	Bisections at I, II, VI, VII.
2.	Bisections at I, II.
3.	Bisections at VI, VII.
8, 36.	Bisections at II, III, IV, V, VI.
11.	Bisection at II.
46.	Bisections at II, VI, VII.

Notes.

15. Assumed that mean was observed.
26. Micrometer reading decreased 10 rev.
48. Unsteady.

No.	Parallax.	Semidiaemter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 3.3	+ 6.4	...	+ 9.7
2	+ 6.2	+16 1.7	...	+16 7.9
3	+ 6.1	−16 1.8	...	−15 55.7
8	+45 40.8	+15 13.9	...	+60 54.7
36	+43 30.3	+15 4.7	...	+58 35.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Tauri	9	10 21.86	− 0.42	+ 3.78	329 41 53.00	43.285	−13.04	− 33.8	4 10 25.22	− 2.76	+ 8 39 23.2	− 4.5
2	γ Tauri	9	14 22.69	− 0.40	+ **3.77**	336 25 54.75	44.440	−13.04	− 25.2	4 14 26.07	.....	+15 23 59.9	....
3	ε Tauri	9	23 3.62	− 0.39	+ **3.80**	339 59 55.17	44.945	−13.04	− 21.0	4 23 7.01	.....	+18 58 16.0	....
4	ρ Tauri	9	28 26.78	− 0.40	+ 3.78	335 39 54.45	46.528	−13.04	− 26.1	4 28 30.16	− 2.80	+14 38 46.4	− 1.6
5	μ Eridani	9	40 44.20	− 0.46	+ **3.82**	317 35 55.02	46.758	−13.04	− 52.7	4 40 47.53	.....	− 3 25 34.3	....
6	o^1 Orionis	9	47 8.73	− 0.40	+ 3.79	335 8	......	.....	. ....	4 47 12.12	− 2.70	+14 5	....
7	*k* Tauri	9	52 19.96	− 0.39	+ 3.79	345 56	......	.....	. ....	4 52 23.36	− 2.92	+24 54	....
8	τ Orionis	9	12 58.56	− 0.47	+ **3.78**	314 3 53.92	49.470	−13.04	− 59.6	5 13 1.88	.....	− 6 56 40.3	....
9	γ Orionis	9	20 1.19	− 0.42	+ **3.77**	327 17 54.12	44.648	−13.04	− 37.1	5 20 4.56	.....	+ 6 15 52.2	....
10	Venus II, S.	9	7 3.07	− 0.43	+ 3.87	328 1 53.38	47.382	−13.66	− 35.0	11 7 6.51	− 0.42	+ 7 0 55.4	....
	October 9, Hl.												
11	Sun I, N.	9	56 47.62	− 0.47	+ 3.88	315 5 57.55	46.782	−13.01	− 55.0	12 56 51.03	+64.76	− 5 55 33.8	....
12	Sun II, S.	9	58 57.14	− 0.47	+ 3.88	314 33 57.12	46.678	−13.01	− 56.0	12 59 0.55	−64.76	− 6 27 36.9	....
13	π Aquarii	9	20 24.74	− 0.48	+ **3.96**	321 55 59.02	45.305	−11.89	− 43.7	22 20 28.25	.....	+ 0 54 6.6	....
14	7 Lacertæ	9	27 22.47	− 0.50	+ 3.99	10 49 57.22	43.048	−11.89	+ 10.8	22 27 25.96	.....	+49 48 7.6	....
15	ε Piscis Australis	9	35 23.69	− 0.63	+ 4.00	293 31 53.40	43.438	−11.89	−2 7.7	22 35 27.06	.....	−27 32 5.6	....
16	Moon I, S.	9	44 10.62	− 0.53	+ 4.00	311 13 54.25	45.924	−11.89	−1 3.8	22 44 14.09	+62.58	− 9 48 4.1	....
17	55 Pegasi	9	2 12.49	− 0.46	+ 4.00	329 55 55.52	45.150	−11.89	− 32.4	23 2 16.03	− 2.87	+ 8 54 10.9	−22.2
18	5 H. Cassiopeiæ	9	8 43.23	− 0.53	+ 4.00	17 39 58.12	45.190	−11.89	+ 17.9	23 8 46.70	.....	+56 39 4.5	....
19	b^1 Aquarii	9	17 58.39	− 0.58	+ 4.00	300 25 51.48	45.328	−11.89	−1 34.9	23 18 1.81	− 2.81	−20 36 51.5	−16.8
20	κ Piscium	9	22 3.12	− 0.48	+ **4.02**	321 45 54.90	46.542	−11.89	− 44.0	23 22 6.64	.....	+ 0 44 30.5	....
21	γ Cephei	9	35 32.19	− 1.05	+ 4.01	38 7 57.70	42.615	−11.89	+ 44.1	23 35 35.15	.....	+77 6 31.0	....
22	ω Piscium	9	54 25.46	− 0.47	+ **3.99**	327 21 55.70	46.390	−11.89	− 35.9	23 54 29.00	.....	+ 6 20 35.9	....
23	33 Piscium	9	0 27.79	− 0.50	+ **4.02**	314 47 52.48	45.805	−11.89	− 56.5	0 0 31.30	.....	− 6 14 1.2	....
24	ι Ceti	9	14 34.67	− 0.52	+ **4.04**	311 39 53.35	49.460	−11.89	−1 3.0	0 14 38.16	.....	− 9 20 43.3	....
25	44 Piscium	9	20 31.42	− 0.48	+ **4.01**	322 25 54.98	48.248	−11.89	− 43.2	0 20 34.95	.....	+ 1 25 10.4	....
26	δ Andromedæ	9	34 14.73	− 0.45	+ 4.02	351 21 56.45	45.750	−11.89	− 8.5	0 34 18.30	.....	+30 20 49.4	....
27	o Cassiopeiæ	9	39 26.42	− 0.49	+ 4.02	8 47 54.68	43.355	−11.89	+ 8.8	0 39 29.95	.....	+47 46 10.0	....
	October 9, Bs.												
28	Venus II, S.	9	11 37.48	− 0.48	+ 4.36	327 35 51.82	45.383	−12.45	− 35.3	11 11 41.36	− 0.42	+ 6 34 9.0	....
	October 10, Bs.												
29	Sun I, N.	9	0 27.63	− 0.52	+ 4.38	314 43 50.65	44.984	−12.09	− 55.5	13 0 31.49	+64.73	− 6 18 21.4	....
30	Sun II, S.	8	2 37.09	− 0.52	+ 4.38	314 11 52.20	44.824	−12.09	− 56.6	13 2 40.95	−64.73	− 6 50 23.9	....
	October 11, Bs.												
31	149 H¹. Cephei	9	36 4.11	− 3.57	+ 4.76	47 21 57.60	42.635	−14.53	+1 3.1	3 36 5.30	−32.35	+86 20 47.9	+ 9.3
32	τ^9 Eridani	9	55 50.63	− 0.57	+ 4.76	296 45 51.32	46.101	−14.53	−1 54.4	3 55 54.82	− 2.42	−24 16 56.1	−11.6
33	151 H¹. Cephei	9	6 52.44	− 2.78	+ 4.76	46 17 57.25	46.062	−14.53	+1 0.9	4 6 54.42	.....	+85 18 3.8	....
34	212 G. Eridani	9	16 28.41	− 0.54	+ 4.76	300 11 51.30	43.202	−14.53	−1 39.3	4 16 32.63	− 2.38	−20 51 47.3	−10.4
35	η Ursæ Minoris S. P.	9	20 4.44	+ 0.92	+ 4.76	64 59 58.90	46.308	−14.53	+2 4.3	16 20 10.12	.....	+75 58 44.6	....
36	*A* Draconis S. P.	9	28 1.06	+ 0.63	+ 4.76	71 59 57.98	44.078	−14.53	+2 57.5	16 28 6.45	.....	+68 58 43.5	....
37	53 Eridani	9	33 47.95	− 0.50	+ **4.67**	306 33 51.50	43.696	−14.53	−1 18.0	4 33 52.22	.....	−14 29 14.5	....
38	4 Camelopardalis	9	40 5.34	− 0.48	+ 4.77	17 35 55.88	45.634	−14.53	+ 18.5	4 40 9.63	.....	+56 35 10.3	....
39	π^4 Orionis	9	46 6.93	− 0.41	+ 4.77	326 27 51.88	46.876	−14.53	− 38.4	4 46 11.29	− 2.63	+ 5 26 38.1	− 3.0
40	π^1 Orionis	9	49 38.21	− 0.40	+ 4.77	331 1 54.55	44.932	−14 53	− 32.1	4 49 42.58	− 2.69	+10 0 2.6	− 1.5
41	ε Ursæ Minoris S. P.	9	55 23.11	+ 1.65	+ 4.77	58 47 57.40	44.402	−14.53	+1 35.9	16 55 29.53	.....	+82 11 57.9	....
42	β Eridani	9	3 8.83	− 0.45	+ **4.79**	315 49 51.85	44.755	−14.53	− 56.3	5 3 13.15	.....	− 5 12 28.3	....
43	β Orionis	9	9 56.34	− 0.47	+ **4.80**	312 43 53.95	44.726	−14.53	−1 2.7	5 10 0.64	.....	− 8 18 33.3	....
44	12 G. Columbæ	9	15 34.28	− 0 60	+ 4.77	293 35 53.12	44.464	−14.53	−2 12.0	5 15 38.45	− 2.05	−27 27 49.3	− 9.4

Time.	Barom.	Att. Ther.	Ext. Ther.
h h m	in.	°	°
8 4 7	......	....	49.7
4 33	29.90	51.0	50.1
4 56	......	....	50.3
5 28	29.90	50.6	49.9
11 7	29.95	64.6	65.9
9 12 57	29.94	71.0	73.2
22 3	29.90	67.8	68.9
22 22	......	....	65.8
22 40	......	....	65.6
22 54	29.90	65.9	66.0
23 14	......	....	65.9
23 44	......	....	66.0
0 5	29.90	64.9	64.0
0 26	......	....	63.8
0 48	29.885	64.4	64.1
11 12	29.92	69.4	68.6
10 13 3	29.90	73.3	74.0
11 3 36	29.54	44.3	43.0
4 28	29.54	43.8	42.7
5 3	......	....	42.8

Micrometer bisections are made at II, VI, except as noted below.

3, 8.	Bisections at II, VII.
9, 12, 30.	Bisections at VI, VII.
10, 28.	Bisections at I, II, VI, VII.
11, 29.	Bisections at I, II.
16.	Bisections at VI, VII.
31, 33.	Bisections at III, IV, V.
41.	Bisections at II, III, V, VI.

Notes.

3.	Unsteady.
17–27, 31–44.	Conditions rather poor.
28.	Revolutions of micrometer reading assumed.
33.	Micrometer reading increased 20 rev.
37.	Micrometer reading increased 10 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 3.4	+ 6.2	...	+ 9.6
11	+ 6.2	−16 1.6	...	−15 55.4
12	+ 6.2	+16 1.5	...	+16 7.7
16	+40 59.9	+14 57.2	...	+55 57.1
28	+ 3.4	+ 6.2	...	+ 9.6
29	+ 6.2	−16 1.2	...	−15 55.0
30	+ 6.3	+16 1.2	...	+16 7.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Orionis (*mean*)	9	19 40.03	− 0.44	+ 4.77	318 33 52.98	43.128	−14.53	− 51.2	5 19 44.36	− 2.35	− 2 28 59.3	− 3.3
2	18 Camelopardalis	9	24 25.18	− 0.48	+ 4.77	18 9 58.10	45.145	−14.53	+ 19.2	5 24 29.47	− 4.16	+57 9 2.1	+15.2
3	19 Camelopardalis	9	28 3.63	− 0.57	+ 4.77	25 5 57.58	45.638	−14.53	+ 27.3	5 28 7.83	− 4.81	+64 5 20.8	+17.3
4	α Columbæ	8	36 10.05	− 0.67	+ 4.78	286 57 52.00	42.874	−14.53	−3 8.0	5 36 14.16	.....	−34 7 22.8	....
5	γ Leporis	8	40 27.94	− 0.56	+ 4.78	298 33 52.20	46.544	−14.53	−1 46.2	5 40 32.16	− 2.00	−22 28 36.9	− 7.4
6	α Orionis	9	49 59.68	− 0.41	+ **4.83**	328 25 53.10	43.432	−14.53	− 35.7	5 50 4.05	.....	+ 7 23 23.3	....
7	35 Draconis S. P.	8	53 31.69	+ 0.99	+ 4.78	63 59 58.35	46.008	−14.53	+1 59.2	17 53 37.46	.....	+76 58 57.0	....
8	δ Ursæ Minoris S. P.	5	2 25.36	+ 3.83	+ 4.78	54 23 57.72	41.733	−14.53	+1 21.3	18 2 33.97	.....	+86 37 13.4	....
9	Venus II, S.	9	20 45.54	− 0.39	+ 4.85	326 41 53.50	45.084	−14.19	− 37.9	11 20 50.00	− 0.42	+ 5 39 59.6	....
	October 12, Bs.												
10	Sun I, S.	9	7 48.96	− 0.44	+ 4.87	313 25 55.95	46.644	−14.01	−1 0.7	13 7 53.39	+64.99	− 7 35 45.2	....
11	Sun II, N.	9	9 58.95	− 0.44	+ 4.87	313 57 54.05	46.906	−14.01	− 59.6	13 10 3.38	−65.00	− 7 3 39.4	....
12	ε Pegasi	9	39 29.10	− 0.40	+ **5.00**	330 27 56.50	46.798	−14.98	− 33.0	21 39 33.66	.....	+ 9 26 45.8	....
13	16 Pegasi	9	48 42.33	− 0.37	+ **5.00**	346 29 57.92	46.968	−14.98	− 14.0	21 48 46.93	.....	+25 29 10.1	....
14	158 B. Cephei	9	51 40.38	− 0.79	+ 4.97	34 16 0.62	45.914	−14.98	+ 39.9	21 51 44.56	.....	+73 15 42.2	....
15	α Aquarii	9	0 52.36	− 0.42	+ **4.96**	320 15 54.32	44.204	−14.98	− 48.5	22 0 56.91	.....	− 0 46 31.1	....
16	π Pegasi	9	5 44.19	− 0.37	+ 4.97	353 43 57.75	46.744	−14.98	− 6.4	22 5 48.79	.....	+32 43 12.4	...:
17	24 Cephei	7	7 59.07	− 0.74	+ 4.97	32 53 58.10	44.012	−14.98	+ 37.9	22 8 3.30	.....	+71 52 54.2	....
18	29 H. Camelopardalis S. P.	9	15 38.44	+ 2.38	+ 4.97	56 15 57.75	45.606	−14.98	+1 27.5	10 15 45.79	.....	+84 43 39.3	....
19	38 Pegasi	9	25 39.38	− 0.36	+ 4.97	353 7 56.35	42.718	−14.98	− 7.0	22 25 43.99	− 2.92	+32 5 38.4	−27.0
20	η Aquarii	9	30 26.67	− 0.41	+ **4.95**	320 25 55.52	45.310	−14.98	− 48.2	22 30 31.23	.....	− 0 36 4.3	....
21	10 Lacertæ	9	34 58.26	− 0.37	+ 4.97	359 33 56.50	48.144	−14.98	− 0.4	22 35 2.86	.....	+38 33 49.1	....
22	λ Pegasi	9	41 55.51	− 0.36	+ **5.01**	344 5 57.55	45.032	−14.98	− 16.6	22 42 0.13	.....	+23 4 22.9	....
23	λ Aquarii	9	47 37.73	− 0.44	+ **5.00**	312 57 54.80	44.160	−14.98	−1 2.6	22 47 42.27	.....	− 8 4 45.7	....
24	55 Pegasi	9	2 11.37	− 0.38	+ 4.98	329 55 55.18	45.360	−14.98	− 33.9	23 2 15.97	− 2.85	+ 8 54 10.8	−22.2
25	5 H^1. Cassiopeiæ	9	8 41.99	− 0.44	+ 4.98	17 39 57.10	45.364	−14.98	+ 18.8	23 8 46.53	.....	+56 39 5.2	....
26	γ Sculptoris	9	13 40.18	− 0.63	+ 4.98	288 1 55.00	43.972	−14.98	−2 58.2	23 13 44.53	.....	−33 2 45.3	....
27	b^1 Aquarii	8	17 57.28	− 0.51	+ 4.98	300 25 53.30	45.617	−14.98	−1 39.5	23 18 1.75	− 2.79	−20 36 50.8	−16.4
28	κ Piscium	9	22 2.03	− 0.40	+ **5.01**	321 45 55.12	46.758	−14.98	− 46.2	23 22 6.61	.....	+ 0 44 30.4	....
29	72 Pegasi	9	29 12.91	− 0.35	+ 4.98	351 49 57.38	44.996	−14.98	− 8.4	23 29 17.54	.....	+30 48 30.1	....
30	γ Cephei	9	35 30.39	− 0.97	+ 4.98	38 7 58.42	42.646	−14.98	+ 46.3	23 35 34.40	.....	+77 6 31.5	....
31	ι^1 Aquarii	9	39 14.86	− 0.50	+ **4.99**	302 13 53.58	47.622	−14.98	−1 32.9	23 39 19.35	.....	−18 47 58.1	....
32	41 H. Cephei	9	43 22.92	− 0.58	+ 4.99	28 17 59.08	44.871	−14.98	+ 31.8	23 43 27.33	.....	+67 17 8.8	....
33	25 Piscium	9	48 11.16	− 0.39	+ 4.99	322 35 54.82	45.644	−14.98	− 44.9	23 48 15.76	− 2.93	+ 1 34 5.9	−19.7
34	ω Piscium	8	54 24.27	− 0.37	+ **5.07**	327 21 54.92	46.606	−14.98	− 37.6	23 54 28.89	.....	+ 6 20 35.3	....
35	14 H^1. Draconis S. P.	7	0 13.29	+ 1.02	+ 4 99	63 34 0.15	43.446	−14.98	+1 58.2	12 0 19.30	+ 5.86	+77 25 55.2	+16.3
36	4 H. Draconis S. P.	9	7 31.94	+ 1.08	+ 4.99	62 51 57.28	42.542	−14.98	+1 54.7	12 7 38.01	.....	+78 8 22.2	....
37	σ Andromedæ	9	13 20.58	− 0.35	+ 4.99	357 17 56.48	43.159	−14.98	− 2.7	0 13 25.22	.....	+36 15 52.9	....
38	44 Piscium	9	20 30.33	− 0.38	+ **5.00**	322 25 54.62	48.428	−14.98	− 45.2	0 20 34.94	.....	+ 1 25 9.0	....
39	12 Ceti	9	25 9.76	− 0.40	+ **5.02**	316 33 54.00	44.292	−14.98	− 55.6	0 25 14.35	.....	− 4 28 36.5	....
40	Moon I, S.	9	5 0.07	− 0.39	+ 5.00	323 13 56.55	44.794	−15.16	− 44.1	1 5 4.68	+60.90	+ 2 11 48.8	....
41	Moon II	9	7 1.86	− 0.39	+ 5.00	... .	......	.....	. ....	1 7 6.47	−60.89	.. ..	....
	October 12, Br.												
42	γ Andromedæ	9	58 3.67	− 0.36	+ 4.76	2 53 56.80	44.922	−15.17	+ 3.1	1 58 8.07	.....	+41 52 39.2	....
43	α Draconis S. P.	9	1 40.81	+ 0.61	+ 4.76	76 8 0.70	44.055	−15.17	+3 56.2	14 1 46.18	.....	+64 49 43.5	....
44	55 Cassiopeiæ	9	7 3.64	− 0.56	+ 4.76	27 5 58.65	44.268	−15.17	+ 30.3	2 7 7.84	.....	+66 4 53.2	....
45	67 Ceti	9	12 13.33	− 0.41	+ **4.66**	314 9 55.58	47.772	−15.17	−1 0.7	2 12 17.68	.....	− 6 51 20.7	....
46	ξ^2 Ceti	9	23 5.20	− 0.36	+ **4.68**	329 3 54.25	45.778	−15.17	− 35.4	2 23 9.60	.....	+ 8 2 17.7	....
47	5 Ursæ Minoris S. P.	9	27 30.97	+ 0.99	+ 4.76	64 51 59.28	45.310	−15.17	+2 5.9	14 27 36.72	.....	+76 7 6.5	....
48	θ Persei	9	37 42.65	− 0.38	+ 4.76	9 51 56.00	42.222	−15.17	+ 10.3	2 37 47.03	.....	+48 49 43.8	....
49	41 Arietis	9	44 22.52	− 0.33	+ **4.72**	347 53 55.10	44.768	−15.17	− 12.6	2 44 26.95	.....	+26 52 18.2	....
50	τ Persei	9	47 31.56	− 0.40	+ 4.76	13 23 56.72	44.120	−15.17	+ 14.2	2 47 35.92	.....	+52 22 31.8	....
51	τ^3 Eridani	9	58 10.59	− 0.52	+ 4.77	297 3 51.62	44.465	−15.17	−1 55.2	2 58 14.84	.....	−23 59 34.7	....
52	48 H. Cephei	9	8 22.07	− 1.01	+ 4.77	38 23 57.85	44.252	−15 17	+ 47.0	3 8 25.83	.....	+77 23 8.6	....
53	τ^1 Arietis	9	15 43.34	− 0.33	+ **4.73**	341 49 54.22	45.400	−15.17	− 19.4	3 15 47.78	.....	+20 48 25.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 5 31	29.57	43.7	42.0
6 9	29.57	42.9	41.8
11 21	29.68	50.0	47.2
12 13 10	29.69	51.7	48.7
21 39	29.76	45.2	43.8
22 16	29.77	44.8	43.6
22 48	......	....	43.0
23 22	29.785	42.8	40.6
23 48	......	....	40.0
0 25	29.79	41.2	40.0
1 5	29.785	40.4	38.3
1 53	29.79	40.0	38.8
2 15	......	....	38.0
2 40	......	....	38.0
2 58	29.80	39.0	37.3

Micrometer bisections are made at II, VI, except as noted below.

8, 18. Bisections at III, IV, V.
9. Bisections at I, II, VI, VII.
10, 46, 49. Bisections at I, II.
11. Bisections at VI, VII.
40. Bisections at II, III, IV, V, VI.
42, 43, 44, 47, 48, 50, 52. Bisections at III, V.

Notes.

1. Assumed that mean was observed.
1–8. Conditions poor.
3. Micrometer reading decreased 10 rev.
4, 45, 47, 49, 50, 52. Clouds.
8. Revolutions of micrometer reading assumed.
18. Right ascension observed eye and ear.
43, 52. Very unsteady.
51. Diffuse and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+ 3.4	+ 6.1	...	+ 9.5
10	+ 6.4	+16 2.8	...	+16 9.2
11	+ 6.3	−16 2.9	...	−15 56.6
40	+32 6.9	+14 44.8	...	+46 51.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ξ Tauri	9	21 59.80	− 0.35	+ **4.76**	330 25 53.90	45.645	−15.17	− 33.5	3 22 4.22	.....	+ 9 24 16.2	....
2	ε Eridani	9	28 25.59	− 0.42	+ **4.75**	311 15 53.25	44.922	−15.17	−1 7.4	3 28 29.94	.....	− 9 46 34.8	....
3	ο Persei	9	38 20.68	− 0.33	+ 4.77	352 59 57.10	47.125	−15.17	− 7.2	3 38 25.12	− 3.57	+31 59 19.4	− 1.6
4	9 H. Camelopardalis	9	49 3.11	− 0.46	+ 4.78	21 49 57.18	47.015	−15.17	+ 23.8	3 49 7.43	.....	+60 49 48.9	....
5	λ Tauri	9	55 23.49	− 0.34	+ **4.81**	333 13 51.65	48.612	−15.17	− 29.8	3 55 27.93	.....	+12 13 25.4	....
6	ψ Tauri	9	1 6.92	− 0.33	+ 4.78	349 45 55.82	45.738	−15.17	− 10.7	4 1 11.37	− 3.37	+28 44 42.9	+ 0.3
7	o^1 Eridani	9	7 11.92	− 0.40	+ **4.78**	313 55 53.68	48.948	−15.17	−1 1.3	4 7 16.30	.....	− 7 4 56.3	....
8	Jupiter I, C.	5	17 4.08	− 0.32	+ 4.78	341 19 55.35	41.198	−15.17	− 20.0	4 17 8.54	+ 1.71	+20 18 32.4	....
9	Jupiter II	5	17 7.50	− 0.32	+ 4.78	... .	......	.....	. ....	4 17 11.96	− 1.71	.. ..	....
10	ε Tauri	9	23 2.65	− 0.33	+ **4.81**	339 59 55.20	45.015	−15.17	− 21.5	4 23 7.10	.....	+18 58 15.1	....
11	Venus II, C.	9	25 19.28	− 0.49	+ 4.84	326 13 57.15	47.010	−14.92	− 38.6	11 25 23.63	− 0.41	+ 5 12 45.8	....
	October 13, Br.												
12	Sun S.	.	.. ..	....	....	313 3 56.65	45.352	−15.42	−1 1.1	13 12	.....	− 7 58 15.9	....
13	Sun N.	.	.. ..	....	....	313 35 56.42	45.522	−15.42	−1 0.0	.. ..	.....	− 7 26 10.5	.. .
14	32 Ursæ Majoris s. p.	9	11 2.84	+ 0.53	+ 4.94	75 22 0.98	47.972	−14.86	+3 37.9	10 11 8.31	.....	+65 34 31.7	....
15	γ Aquarii	9	16 43.19	− 0.50	+ **4.96**	319 9 56.60	46.502	−14.86	− 49.6	22 16 47.63	.....	− 1 51 37.3	....
16	π Aquarii	9	20 23.78	− 0.49	+ **4.89**	321 55 57.30	45.465	−14.86	− 45.0	22 20 28.23	.....	+ 0 54 4.3	....
17	9 H. Draconis s. p.	9	26 53.99	+ 0.92	+ 4 94	64 47 59.72	43.878	−14.86	+2 2.0	10 26 59.85	.....	+76 11 42.4	....
18	31 Cephei	9	33 26.90	− 0.92	+ 4.95	34 9 59.65	45.435	−14.86	+ 39.2	22 33 30.93	− 5.51	+73 9 30.0	−28.1
19	67 Aquarii	9	38 14.92	− 0.52	+ 4.95	313 35 55.12	42.655	−14.86	−1 0.3	22 38 19.35	− 2.69	− 7 27 17.4	−19.3
20	μ Pegasi	9	45 23.45	− 0.45	+ **4.99**	345 7 56.90	45.125	−14.86	− 15.2	22 45 27.95	.....	+24 6 25.9	....
21	6 H. Draconis s. p.	9	52 12.15	+ 1.09	+ 4.95	62 41 59.70	47.990	−14.86	+1 51.5	10 52 18.19	.....	+78 16 18.9	....
22	α Pegasi	9	0 0.09	− 0.46	+ **4.95**	335 43 55.90	44.620	−14.86	− 25.9	23 0 4.58	.....	+14 42 2.7	....
23	π Cephei	9	4 55.46	− 1.00	+ 4.95	35 53 58.42	43.755	−14.86	+ 41.8	23 4 59.41	.....	+74 52 53.0	....
24	φ Aquarii	9	9 22.56	− 0.52	+ **4.93**	314 27 54.88	47.642	−14.86	− 58.5	23 9 26.99	.....	− 6 33 21.8	....
25	ψ^3 Aquarii	9	13 59.62	− 0.54	+ 4.95	310 53 54.45	47.665	−14.86	−1 6.3	23 14 4.03	− 2.78	−10 7 29.5	−18.4
26	κ Piscium	9	22 2.17	− 0.49	+ **4.95**	321 45 56.02	46.612	−14.86	− 45.3	23 22 6.63	.....	+ 0 44 28.9	....
27	39 H. Cephei	9	28 15.89	− 4.30	+ 4.96	47 48 0.65	44.127	−14.86	+1 3.6	23 28 16.55	.....	+86 47 25.2	....
28	b^1 Aquarii	9	39 14.97	− 0.59	+ **4.97**	302 13 54.42	47.472	−14.86	−1 31.0	23 39 19.34	.....	−18 47 58.6	....
29	Groombridge 4163	9	50 15.70	− 0.95	+ 4.96	34 53 59.58	44.852	−14.86	+ 40.3	23 50 19.71	.....	+73 53 17.7	....
30	α Andromedæ	9	3 27.39	− 0.45	+ **4.98**	349 35 57.62	44.617	−14.86	− 10.6	0 3 31.90	.....	+28 34 19.6	....
31	6 B. Ursæ Minoris s. p.	9	13 18.22	+ 7.51	+ 4.96	52 45 59.85	47.003	−14.86	+1 16.2	12 13 30.69	.....	+88 13 15.9	....
32	12 Ceti	9	25 9.94	− 0.51	+ **4.96**	316 33 56.32	44.100	−14.86	− 54.7	0 25 14.40	.....	− 4 28 37.5	....
33	ζ Cassiopeiæ	9	31 40.56	− 0.53	+ 4.97	14 23 59.20	44.647	−14.86	+ 14.9	0 31 45.00	.....	+53 22 47.4	....
34	α Cassiopeiæ	9	35 7.19	− 0.55	+ 4.97	17 1 58.92	45.915	−14.86	+ 17.8	0 35 11.61	.....	+56 1 19.0	....
35	147 B. Piscium	9	43 22.56	− 0.48	+ 4.97	325 49 55.80	44.645	−14.86	− 39.3	0 43 27.05	.....	+ 4 47 49.8	....
	October 13, Bs.												
36	Moon S.	.	.. ..	....	....	327 9 55.02	45.216	−14.53	− 37.4	.. ..	.....	+ 6 8 7.4	....
37	Moon II, N.	9	53 27.68	− 0.49	+ 5.23	327 39 55.12	44.912	−14.53	− 36.7	1 53 32.42	−61.26	+ 6 37 54.8	....
	October 14, Bs.												
38	Sun I, N.	9	15 12.45	− 0.61	+ 5.34	313 13 55.50	44.475	−14.90	− 59.2	13 15 17.18	+65.12	− 7 48 34.6	....
39	Sun II, S.	9	17 22.68	− 0.61	+ 5.34	312 41 54.15	44.188	−14.90	−1 0.4	13 17 27.41	−65.11	− 8 20 43.1	....
40	γ Andromedæ	9	58 3.09	− 0.55	+ 5.46	2 53 55.60	44.945	−13.44	+ 3.0	1 58 8.00	.....	+41 52 40.0	....
41	α Draconis s. p.	9	1 39.72	+ 0.50	+ 5.46	76 7 58.42	44.332	−13.44	+3 50.3	14 1 45.68	.....	+64 49 43.4	....
42	55 Cassiopeiæ	9	7 2.88	− 0.79	+ 5.46	27 5 56.75	44.382	−13.44	+ 29.6	2 7 7.55	.....	+66 4 54.7	....
43	67 Ceti	9	12 12.75	− 0.57	+ **5.42**	314 9 53.00	47.728	−13.44	− 59.2	2 12 17.64	.....	− 6 51 21.0	....
44	Moon N.	.	.. ..	....	....	331 17 53.18	47.585	−13.75	− 31.5	.. ..	.....	+10 17 6.1	....
45	Moon II, S.	9	40 34.10	− 0.53	+ 5.47	330 47 52.50	48.308	−13.75	− 32.2	2 40 39.04	−61.90	+ 9 47 15.4	....
46	48 H. Cephei	9	8 21.08	− 1.30	+ 5.47	38 23 56.52	44.375	−13.64	+ 45.9	3 8 25.25	.....	+77 23 10.0	....
47	τ^1 Arietis	9	15 42.73	− 0.50	+ **5.55**	341 49 54.00	45.331	−13.64	− 18.9	3 15 47.70	.....	+20 48 25.2	....
48	ξ Tauri	9	21 59.27	− 0.51	+ **5.49**	330 25 53.22	45.552	−13.64	− 32.7	3 22 4.24	.....	+ 9 24 15.7	....
49	ε Eridani	9	28 25.07	− 0.57	+ **5.46**	311 15 52.10	44.820	−13.64	−1 5.6	3 28 29.98	.....	− 9 46 35.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 3 28	....	....	37.2
4 1	....	....	37.3
4 26	29.81	38.3	37.1
11 25	29.94	51.8	51.0
13 13 14	29.93	56.2	56.1
22 9	29.91	54.0	53.6
22 30	....	....	53.1
22 53	....	....	53.0
23 13	29.92	53.6	52.7
23 51	....	....	51.9
0 20	....	....	51.0
0 44	29.93	51.8	50.0
1 54	29.95	50.9	49.7
14 13 17	30.13	68.7	71.7
1 58	30.08	56.1	55.0
2 41	30.075	55.7	54.3
3 22	....	....	53.8

Micrometer bisections are made at II, VI, except as noted below.

4, 14, 17, 18, 21, 23, 29, 33, 34.	Bisections at III, V.
6, 13, 28, 37, 39, 45.	Bisections at VI, VII.
8.	Z. D. threads A used.
8, 11.	Bisections at I, II, VI, VII.
12, 15, 16, 24, 36, 38, 44.	Bisections at I, II.
27, 31.	Bisections at III, IV, V.

Notes.

1–10.	Clouds and haze; images unsteady.
14, 17, 29.	Images poor.
21, 28, 31.	Unsteady and diffuse.
27.	Very unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 0.7	.. ..	...	+ 0.7
11	+ 3.5	.. ..	+ 0.1	+ 3.6
12	+ 6.4	+16 2.7	...	+16 9.1
13	+ 6.3	−16 2 6	...	−15 56.3
36	+29 1.4	+14 41.9	...	+43 43.3
37	+28 37.7	−14 41.9	+ 0.1	+13 55.9
38	+ 6.4	−16 4.2	...	−15 57.8
39	+ 6.4	+16 4.3	...	+16 10.7
44	+25 40.3	−14 43.2	...	+10 57.1
45	+26 5.0	+14 43.2	− 0.4	+40 47.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	θ Ursæ Minoris s. p.	9	33 58.58	+ 1.08	+ 5.48	63 19 56.70	43.238	−13.64	+1 54.8	15 34 5.14	+ 7.50	+77 40 5.4	−10.1
2	τ^7 Eridani	9	43 32.25	− 0.65	+ 5.48	296 53 51.25	43.409	−13.64	−1 53.3	3 43 37.08	− 2.53	−24 9 55.7	−11.5
3	9 H. Camelopardalis	9	49 2.42	− 0.67	+ 5.48	21 49 55.78	47.072	−13.64	+ 23.3	3 49 7.23	.....	+60 49 48.8	....
4	ψ Tauri	9	1 6.32	− 0.50	+ 5.48	349 45 53.52	45.744	−13.64	− 10.4	4 1 11.30	− 3.42	+28 44 42.7	− 0.4
5	87 B. Draconis s. p.	9	5 54.18	+ 0.58	+ 5.48	72 53 57.08	46.033	−13.64	+3 6.6	16 6 0.24	.....	+68 3 49.7	....
6	γ Tauri	9	14 21.22	− 0.49	+ **5.47**	336 25 52.98	44.514	−13.64	− 25.2	4 14 26.21	.....	+15 23 59.3	....
7	ε Tauri	9	23 2.20	− 0.49	+ **5.47**	339 59 54.08	44.998	−13.64	− 21.0	4 23 7.20	.....	+18 58 15.6	....
	October 15, Hl.												
8	Moon N	.	.. ..	....	....	334 31 52.60	44.730	−12.58	− 26.9	.. ..	.....	+13 30 5.6	....
9	Moon II, S.	9	28 48.64	− 0.51	+ 5.49	334 1 51.40	45.385	−12.58	− 27.5	3 28 53.62	−62.83	+13 0 13.7	....
10	o^1 Eridani	9	7 11.44	− 0.55	+ **5.47**	313 55 52.62	48.765	−12.58	− 58.7	4 7 16.38	.....	− 7 4 56.4	....
11	γ Tauri	9	14 21.23	− 0.50	+ **5.50**	336 23 52.72	49.738	−12.58	− 24.7	4 14 26.22	.....	+15 23 59.9	....
12	ε Tauri	9	23 2.22	− 0.50	+ **5.49**	339 59 53.30	44.988	−12.58	− 20.6	4 23 7.21	.....	+18 58 6.0	....
13	ν Eridani	9	31 32.02	− 0.54	+ **5.46**	317 27 51.50	49.218	−12.58	− 51.9	4 31 36.98	.....	− 3 32 40.3	....
14	*k* Tauri	9	52 18.58	− 0.50	+ 5.50	345 55 55.32	44.582	−12.58	− 14.2	4 52 23.58	− 3.10	+24 54 15.2	+ 3.0
15	β Eridani	9	3 8.31	− 0.54	+ **5.50**	315 49 51.10	44.675	−12.58	− 55.1	5 3 13.27	.....	− 5 12 27.7	....
16	μ Leporis	9	8 37.32	− 0.59	+ 5.50	304 43 50.95	44.625	−12.58	−1 21.8	5 8 42.23	− 2.32	−16 18 55.7	− 6.8
17	25 Orionis	9	19 46.49	− 0.52	+ 5.50	322 47 52.30	44.362	−12.58	− 43.1	5 19 51.47	− 2.52	+ 1 45 38.3	− 1.8
18	χ Aurigæ	9	26 30.76	− 0.50	+ 5.51	353 7 54.12	46.902	−12.58	− 6.8	5 26 35.77	.....	+32 7 14.3	....
19	23 Camelopardalis	9	35 24.04	− 0.68	+ 5.51	22 25 54.52	46.366	−12.58	+ 23.6	5 35 28.87	− 4.62	+61 25 32.6	+17.0
20	δ Leporis	9	47 11.48	− 0.62	+ 5.51	300 9 50.90	44.872	−12.58	−1 37.7	5 47 16.37	− 2.10	−20 53 6.0	− 6.3
21	1 Geminorum	9	58 18.42	− 0.50	+ **5.53**	344 17 54.85	44.140	−12.58	− 16.0	5 58 23.43	.....	+23 16 2.8	....
22	ν Orionis	9	2 6.37	− 0.50	+ **5.55**	335 47 52.38	46.538	−12.58	− 25.6	6 2 11.38	.....	+14 46 45.6	....
23	Venus II, S.	9	38 58.99	− 0.51	+ 5.56	324 51 52.52	43.919	−12.71	− 39.3	11 39 4.04	− 0.41	+ 3 49 32.0	....
	October 16, Hl.												
24	Sun N	.	.. ..	....	....	312 27 47.88	48.625	−11.98	−1 0.3	13 23	.....	− 8 33 5.6	....
25	Sun S	.	.. ..	....	....	311 55 41.98	48.650	−11.98	−1 1.4	.. ..	.....	− 9 5 11.4	....
	October 16, Br.												
26	Moon N	.	.. ..	....	....	337 9 51.98	44.547	−11.85	− 24.1	.. ..	.....	+16 8 3.4	....
27	Moon II, S.	9	18 31.68	− 0.54	+ 5.72	336 39 52.40	44.435	−11.85	− 24.7	4 18 36.86	−63.96	+15 37 57.5	....
28	π^5 Orionis	9	49 15.67	− 0.55	+ **5.73**	323 18	......	.....	. ....	4 49 20.84	.....	+ 2 17	....
29	ι Tauri	9	57 22.85	− 0.53	+ **5.72**	342 28	......	.....	. ....	4 57 28.04	.....	+21 27	....
30	β Tauri	9	20 15.06	− 0.53	+ **5.72**	349 32	......	.....	. ....	5 20 20.26	.....	+28 31	....
31	α Leporis	9	28 29.56	− 0.63	+ **5.75**	303 8	......	.....	. ....	5 28 34.66	.....	−17 53	....
32	ι Orionis	9	30 44.42	− 0.57	+ **5.71**	315 4	......	.....	. ....	5 30 49.58	.....	− 5 58	....
	October 17, Br.												
33	Sun I	9	26 22.09	− 0.57	+ 5.81	311 52	......	.....	. ....	13 26 27.33	+65.31	.. ..	....
34	Sun II	4	28 32.70	− 0.57	+ 5.81	... .	......	.....	. ....	13 28 37.94	−65.30	.. ..	....
35	5 H. Cassiopeiæ	9	8 41.25	− 0.59	+ 5.90	17 39 59.00	45.280	−13.26	+ 18.4	23 8 46.56	.....	+56 39 6.7	....
36	γ Sculptoris	9	13 39.48	− 0.78	+ 5.90	288 1 55.42	43.602	−13.26	−2 54.4	23 13 44.60	.....	−33 2 47.8	....
37	b^1 Aquarii	9	17 56.52	− 0.66	+ 5.91	300 25 54.58	45.325	−13.26	−1 37.4	23 18 1.77	− 2.75	−20 36 52.3	−15.8
38	κ Piscium	9	22 1.25	− 0.55	+ **5.91**	321 45 56.08	46.540	−13.26	− 45.2	23 22 6.61	.....	+ 0 44 29.1	....
39	72 Pegasi	9	29 12.12	− 0.51	+ 5.91	351 49 57.90	44.858	−13.26	− 8.2	23 29 17.52	.....	+30 47 29.4	....
40	γ Cephei	8	35 30.15	− 1.09	+ 5.91	38 7 59.05	42.668	−13.26	+ 45.2	23 35 34.97	.....	+77 6 33.8	....
41	ι^1 Aquarii	9	39 14.08	− 0.65	+ **5.90**	302 13 55.35	47.352	−13.26	−1 30.8	23 39 19.34	.....	−18 47 58.6	....
42	41 H. Cephei	9	43 22.29	− 0.72	+ 5.91	28 17 59.30	44.865	−13.26	+ 31.1	23 43 27.48	.....	+67 17 10.3	....
43	φ Pegasi	9	47 36.94	− 0.51	+ **5.91**	339 37 55.92	44.062	−13.26	− 21.3	23 47 42.34	.....	+18 35 56.1	....
44	ω Piscium	9	54 23.57	− 0.53	+ **5.92**	327 21 54.38	46.505	−13.26	− 36.8	23 54 28.95	.....	+ 6 20 34.9	....
45	4 H. Draconis s. p.	7	7 32.58	+ 0.84	+ 5.91	62 51 59.58	42.610	−13.26	+1 52.1	12 7 39.33	.....	+78 8 19.7	....
46	44 Piscium	9	20 29.58	− 0.54	+ **5.91**	322 25 55.10	48.258	−13.26	− 44.2	0 20 34.96	.....	+ 1 25 8.3	....
47	12 Ceti	9	25 9.04	− 0.56	+ **5.91**	316 33 55.32	44.028	−13.26	− 54.4	0 25 14.40	.....	− 4 28 38.3	....
48	δ Andromedæ	9	34 12.84	− 0.50	+ 5.92	351 21 57.30	45.765	−13.26	− 8.7	0 34 18.26	.....	+30 20 49.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 3 49	30.055	54.8	53.1
4 23	30.05	54.4	52.5
15 3 29	29.92	61.8	60.7
4 11	......	....	59.9
4 39	29.915	60.6	59.6
4 57	......	....	59.0
5 13	......	....	58.6
5 31	......	....	57.8
5 53	......	....	57.3
6 14	29.93	58.3	57.0
11 39	30.00	68.3	68.0
16 13 25	29.99	73.0	73.8
4 19	30.07	58.0	56.4
17 23 7	30.085	57.9	56.4
23 25	......	....	56.0
0 15	30.085	57.0	55.9

Micrometer bisections are made at II, VI, except as noted below.

8, 24, 36, 37, 41. Bisections at I, II.
9, 47. Bisections at VI, VII.
18. Bisections at II, VI, VII.
19, 23. Bisections at I, II, VI, VII.
25. Bisection at VI.
26. Bisections at I, II, III.
27. Bisections at V, VI, VII.
35, 40. Bisections at III, V.
42. Bisections at b_2, b_8.
45. Bisection at V.

Notes.

10. Haze and clouds.
12. Micrometer reading decreased 1 rev.
13. Fuzzy.
26, 41. Micrometer reading increased 1 rev.
28–32, 45–48. Clouds.
45. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+23 1.5	−14 43.8	...	+ 8 17.7
9	+23 27.0	+14 43.8	−1.2	+38 9.6
23	+ 3.6	+ 6.1	...	+ 9.7
24	+ 6.5	−16 2.9	...	−15 56.4
25	+ 6.5	+16 2.9	...	+16 9.4
26	+20 50.9	−14 50.4	...	+ 6 0.5
27	+21 17.2	+14 50.4	−1.2	+36 6.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ο Cassiopeiæ	8	39 24.52	− 0.53	+ 5.92	8 47 57.90	43.382	−13.26	+ 9.0	0 39 29.91	.....	+47 46 12.9	....
2	δ Piscium	9	43 42.87	− 0.52	+ **5.93**	328 5 55.02	45.932	−13.26	− 35.7	0 43 48.27	.....	+ 7 4 23.6	....
3	γ Cassiopeiæ	9	50 58.20	− 0.60	+ 5.92	21 13 59.50	43.395	−13.26	+ 22.4	0 51 3.52	.....	+60 12 28.1	....
	October 21, Bs.												
4	ξ Cygni	9	1 23.67	− 0.37	+ 7.27	4 34 0.00	46.824	−13.80	+ 4.8	21 1 30.57	− 2.09	+43 33 28.8	−31.7
5	3 Piscis Australis	9	7 35.21	− 0.59	+ 7.27	293 3 56.52	43.445	−13.83	−2 16.6	21 7 41.89	− 2.33	−28 0 13.1	−11.5
6	τ Cygni	9	10 55.18	− 0.36	+ 7.27	358 39 59.55	45.674	−13.85	− 1.3	21 11 2.09	.....	+37 38 55.9	....
7	1 Pegasi	9	17 36.87	− 0.36	+ **7.30**	340 25 57.00	45.084	−13.88	− 20.8	21 17 43.78	.....	+19 24 20.4	....
8	β Cephei	9	27 22.46	− 0.60	+ 7.27	31 9 59.08	44.752	−13.92	+ 35.6	21 27 29.13	.....	+70 9 10.9	....
9	74 Cygni	9	33 3.97	− 0.36	+ 7.27	0 59 58.63	47.723	−13.95	+ 1.1	21 33 10.88	.....	+39 59 44.1	....
10	ε Pegasi	9	39 26.74	− 0.38	+ **7.21**	330 27 56.10	46.846	−13 98	− 33. 2	21 39 33.63	.....	+ 9 26 47.3	....
11	ο Aquarii	9	58 19 73	− 0 42	+ 7 28	318 25 56.42	44 327	−14 06	− 52. 1	21 58 26.59	− 2.44	− 2 36 28.9	−20.5
12	ι Pegasi	9	2 30 97	− 0 35	+ **7.26**	345 53 58 35	47 420	−14.08	− 14.7	22 2 37.90	.....	+24 53 21.1	....
13	24 Cephei	9	7 56.31	− 0.65	+ 7.28	32 54 0.30	43.985	−14.11	+ 38.2	22 8 2.94	.....	+71 52 57.0	....
14	29 H. Camelopardalis s. p.	9	15 39.11	+ 2.02	+ 7.28	56 15 59.80	45.530	−14.14	+1 28.2	10 15 48.41	.....	+84 43 36.9	....
15	38 Pegasi	9	25 36.92	− 0.35	+ 7.28	353 7 57.78	42.672	−14.18	− 7.1	22 25 43.85	− 2.79	+32 5 39.4	−28.2
16	226 B. Cephei	9	30 35.16	− 0.79	+ 7.28	36 45 58.92	43.204	−14.20	+ 44.1	22 30 41.65	.....	+75 44 43.4	....
17	10 Lacertæ	9	34 55.78	− 0.35	+ 7.28	359 35 57.88	42.851	−14.22	− 0.4	22 35 2.71	.....	+38 33 50.3	....
18	η Pegasi	9	38 28.80	− 0.35	+ **7.30**	350 43 57.78	48.732	−14.24	− 9.5	22 38 35.73	.....	+29 43 55.5	....
19	μ Pegasi	9	45 20.90	− 0.35	+ **7.35**	345 7 56.80	45.122	−14.27	− 15.6	22 45 27.84	.....	+24 6 25.9	....
20	δ Aquarii	9	49 32.53	− 0.48	+ **7.19**	304 43 55.45	43.679	−14.29	−1 24.7	22 49 39.34	.....	−16 19 17.4	....
21	β Pegasi	9	59 6.04	− 0.34	+ **7.36**	348 35 58.52	45.088	−14.33	− 11.8	22 59 12.99	.....	+27 34 30.6	....
22	5 Andromedæ	9	3 22.91	− 0.37	+ 7.29	9 47 59.12	45.892	−14.35	+ 10.3	23 3 29.83	− 3.53	+48 47 11.5	−28.1
23	φ Aquarii	9	9 20.05	− 0.43	+ **7.29**	314 29 54.92	42.447	−14.38	− 59.9	23 9 26.91	.....	− 6 33 21.4	....
24	γ Sculptoris	9	13 37.93	− 0.63	+ 7.29	288 1 55 12	43.876	−14.40	−2 59.0	23 13 44.59	.....	−33 2 47.6	....
25	b¹ Aquarii	8	17 54.87	− 0.51	+ 7.29	300 25 55.38	45.420	−14.42	−1 40.0	23 18 1.65	− 2.72	−20 36 53.1	−15.4
26	κ Piscium	9	21 59.71	− 0.39	+ **7.26**	321 45 57.12	46.651	−14.44	− 46.4	23 22 6.61	.....	+ 0 44 30.3	....
27	72 Pegasi	9	29 10.58	− 0.34	+ 7.29	351 49 59.20	44.905	−14.47	− 8.4	23 29 17.53	.....	+30 48 30.3	....
	October 21, Hl.												
28	κ Geminorum	9	38 38.22	− 0.30	+ **7.15**	345 37 59.10	47.545	−15.64	− 15.2	7 38 45.05	.....	+24 37 22.6	....
29	φ Geminorum	9	47 36.44	− 0.30	+ **7.13**	348 1 59.72	45.145	−15.64	− 12.6	7 47 43.27	.....	+27 0 30.9	....
30	β Cancri	9	11 16.93	− 0.32	[+ **7.09**]	330 29 58.75	46.328	−15.64	− 33.6	8 11 23.74	.....	+ 9 28 36.1	....
31	30 Monocerotis	9	20 49.88	− 0.36	[+ **7.06**]	317 25 57.95	46.188	−15.64	− 54.6	8 20 56.65	.....	− 3 35 48.9	....
32	γ Cancri	9	37 42.33	− 0.29	[+ **7.12**]	342 49 59.30	45.230	−15.64	− 18.4	8 37 49.18	.....	+21 48 26.7	....
33	Moon II, S.	8	49 16.93	− 0.31	+ 7.14	336 33 57.70	47.774	−15.64	− 25.8	8 49 23.76	−68.04	+15 33 15.9	....
	October 22, Hl.												
34	ι Tauri	9	57 21.15	− 0.33	+ **7.38**	342 28	......	.....	. ....	4 57 28.14	.....	+21 27	....
35	11 Orionis	9	59 4.44	− 0.34	+ **7.33**	336 18	......	.....	. ....	4 59 11.42	.....	+15 16	....
36	β Eridani	9	3 6.49	− 0.40	+ **7.35**	315 50	......	.....	. ....	5 3 13.42	.....	− 5 12	....
37	β Orionis	9	9 54.11	− 0.41	+ **7.25**	312 42	......	.....	. ....	5 10 1.03	.....	− 8 18	....
38	τ Orionis	9	12 55.31	− 0.40	+ **7.32**	314 4	......	.....	. ....	5 13 2.24	.....	− 6 56	....
39	Moon II, S.	9	46 6.62	− 0.31	+ 7.38	333 27 58.32	46.699	−12.92	− 29.3	9 46 13.69	−68.25	+12 26 51.2	....
40	Venus II, S.	9	10 48.07	− 0.34	+ 7.40	321 31 59.72	47.544	−12.92	− 45.9	12 10 55.13	− 0.39	+ 0 30 55.3	....
	October 23, Hl.												
41	32 Ursæ Majoris s. p.	9	11 0.53	+ 0.60	+ 7.51	75 22 3.88	47.700	−12.97	+3 41.2	10 11 8.64	.....	+65 34 29.6	....
42	γ Aquarii	9	16 40.45	− 0.40	+ **7.48**	319 9 58.88	46.392	−12.97	− 50.3	22 16 47.56	.....	− 1 51 36.3	....
43	9 H. Draconis s. p.	9	26 51.78	+ 0.96	+ 7.51	64 48 2.20	43.675	−12.97	+2 3.8	10 27 0.25	.....	+76 11 40.1	....
44	μ Pegasi	9	45 20.70	− 0.35	+ **7.53**	345 6 0.32	50.258	−12.97	− 15.5	22 45 27.86	.....	+24 6 28.2	....
45	α Pegasi	9	59 57.30	− 0.35	+ **7.55**	335 41 59.02	49.760	−12.97	− 26.3	23 0 4.47	.....	+14 42 4.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 1 3	30.08	57.2	56.1
21 21 1	29.93	46.8	44.7
21 27	......	....	43.8
21 58	29.94	45.1	42.8
22 35	......	....	42.0
22 59	29.95	43.9	42.1
23 29	29.95	43.2	41.4
7 31	29.905	37.8	36.8
7 51	......	....	36.6
8 5	......	....	36.5
8 28	......	....	36.1
8 53	29.91	38.3	36.3
22 9 46	29.94	44.2	43.6
12 10	29.965	51.8	51.0
23 21 59	29.915	48.6	47.2
22 23	......	....	46.0
22 40	......	....	46.1
22 55	......	....	45.8
23 4	29.925	46.9	....

Micrometer bisections are made at II, VI, except as noted below.

1. Bisctions at b_1, b_6.
3. Bisections at III, V.
14, 33, 39. Bisections at II, III, IV, V, VI.
29. Bisections at II, VI, VII.
40. Bisections at I, II, VI, VII.
43. Bisections at VI, VII.

Notes.

1-3, 41-45. Clouds.
2, 42, 43. Faint.
4. Micrometer reading decreased 1 rev.
14. Right ascension observed eye and ear.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
33	+22 37.9	+15 43.0	...	+38 20.9
39	+25 53.7	+15 59.0	...	+41 52.7
40	+ 3.8	+ 5.9	...	+ 9.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	φ Aquarii	9	9 19.79	− 0.41	+ **7.51**	314 27 57.80	47.512	−12.97	− 59.4	23 9 26.90	.....	− 6 33 20.9	....
2	ψ³ Aquarii	8	13 56.86	− 0.43	+ 7.52	310 53 57.18	47.532	−12.97	−1 7.3	23 14 3.95	− 2.71	−10 7 29.0	−17.8
3	39 H. Cephei	9	28 10.44	− 4.03	+ 7.52	47 48	......	.....	. ....	23 28 13.93	.....	+86 47	....
4	i¹ Aquarii	9	39 12.26	− 0.48	+ **7.51**	302 13 56.80	47.315	−12.97	−1 32.3	23 39 19.30	.....	−18 47 59.3	....
5	δ Sculptoris	9	43 54.60	− 0.56	+ 7.52	292 23 57.98	46.430	−12.97	−2 20.7	23 44 1.56	.....	−28 39 6.7	....
6	30 Piscium	9	57 1.02	− 0.41	+ 7.53	314 29 56.98	45.270	−12.97	− 59.4	23 57 8.14	.....	− 6 32 12.9	....
7	6 B. Ursæ Minoris s. p.	9	13 16.67	+ 7.18	+ 7.53	52 46	......	.....	. ....	12 13 31.38	.....	+88 13	....
	October 27, Hl.												
8	Sun I, S.	9	4 14.34	− 0.40	+ 8.46	308 1 57.72	47.488	−14.55	−1 14.0	14 4 22.40	+66.31	−12 59 38.0	....
9	Sun II, N	9	6 26.96	− 0.40	+ 8.46	308 33 58.15	47.902	−14.55	−1 12.6	14 6 35.02	−66.31	−12 27 26.1	....
	October 27, Bs.												
10	Venus II, S	9	33 33.81	− 0.35	+ 8.95	319 7 57.70	47.692	−14.19	− 49.8	12 33 42.41	− 0.39	− 1 53 8.5	....
	October 28, Bs.												
11	Sun I, S.	9	8 5.33	− 0.41	+ 8.97	307 41 59.18	46.592	−13.84	−1 13.9	14 8 13.89	+66.41	−13 19 56.2	....
12	Sun II, N	8	10 18.14	− 0.41	+ 8.97	308 13 58.25	47.190	−13.84	−1 12.5	14 10 26.70	−66.40	−12 47 41.5	....
13	κ Piscium	8	21 57.82	− 0.40	+ **9.11**	321 45 58.42	46.452	−13.76	− 45.7	23 22 6.52	.....	+ 0 44 28.4	....
14	39 H. Cephei	9	28 5.67	− 3.69	+ 9.10	47 48 2.85	44.160	−13.76	+1 4.3	23 28 11.08	.....	+86 47 29.9	....
15	i¹ Aquarii	9	39 10.64	− 0.50	+ **9.11**	302 13 57.10	47.284	−13.76	−1 31.9	23 39 19.24	.....	−18 48 0.1	....
16	δ Sculptoris	9	43 52.94	− 0.58	+ 9.10	292 23 56.92	46.382	−13.76	−2 20.0	23 44 1.46	.....	−28 39 8.9	....
17	Groombridge 4163	9	50 10.51	− 0.77	+ 9.10	34 54 1.65	44.900	−13.76	+ 40.7	23 50 18.84	.....	+73 53 22.0	....
18	30 Piscium	9	56 59.41	− 0.43	+ 9.10	314 29 57.65	45.246	−13.76	− 59.1	23 57 8.08	.....	− 6 32 13.3	....
19	12 Ceti	9	25 5.65	− 0.42	+ **9.13**	316 33 58.20	43.970	−13.76	− 55.2	0 25 14.34	.....	− 4 28 38.0	....
20	ζ Cassiopeiæ	9	31 36.22	− 0.41	+ 9.11	14 24 1.30	44.656	−13.76	+ 15.1	0 31 44.92	.....	+53 22 50.8	....
21	α Cassiopeiæ	9	35 2.71	− 0.42	+ 9.11	17 2 1.12	45.919	−13.76	+ 18.0	0 35 11.40	.....	+56 1 22.4	....
22	20 Ceti	9	48 3.48	− 0.41	+ **9.06**	319 21 57.45	47.213	−13.76	− 50.1	0 48 12.18	.....	− 1 39 19.6	....
23	ε Piscium	9	57 55.08	− 0.38	+ **9.16**	328 23 57.38	47.508	−13.76	− 35.9	0 58 3.81	.....	+ 7 23 1.3	....
24	μ Cassiopeiæ	9	1 53.12	− 0.41	+ 9.11	15 28 0.58	46.584	−13.76	+ 16.3	1 2 1.82	.....	+54 27 35.3	....
25	χ Piscium	8	6 15.33	− 0.35	+ 9.11	341 33 58.65	44.286	−13.76	− 19.5	1 6 24.09	− 3.41	+20 32 5.3	−18.1
26	f Piscium	9	12 48.32	− 0.39	+ 9.12	324 9 58.18	42.818	−13.76	− 42.2	1 12 57.05	.....	+ 3 7 8.6	....
27	ξ Andromedæ	9	16 40.18	− 0.37	+ 9.12	6 4 1.25	43.376	−13.76	+ 6.3	1 16 48.93	− 4.33	+45 2 12.8	−17.9
28	π Piscium	9	31 58.22	− 0.37	+ **9.06**	332 41 58.52	43.537	−13.76	− 30.2	1 32 6.97	.....	+11 39 37.4	....
29	ω Cassiopeiæ	9	35 16.09	− 0.77	+ 9.12	28 34 1.15	47.080	−13.76	+ 32.0	1 35 24.44	.....	+67 34 2.8	....
30	o Piscium	9	40 17.07	− 0.38	+ **9.13**	329 41 58.00	47.480	−13.76	− 34.2	1 40 25.81	.....	+ 8 41 2.9	....
	October 29, Hl.												
31	ψ Tauri	9	1 2.87	− 0.32	+ 9.18	349 46 0.02	45.655	−14.71	− 10.7	4 1 11.73	− 3.76	+28 44 45.7	− 1.7
32	Jupiter I, C.	5	11 5.66	− 0.32	+ 9.19	341 4 0.20	42.496	−14.71	− 20.4	4 11 14.53	+ 1.69	+20 3 7.0	....
33	Jupiter II	5	11 9.04	− 0.32	+ 9.19	... .	......	.....	. ....	4 11 17.91	− 1.69	.. ..	....
34	ε Tauri	9	22 58.63	− 0.32	+ **9.21**	340 0 0.02	44.832	−14.71	− 21.7	4 23 7.50	.....	+18 58 16.0	....
35	ρ Tauri	9	28 21.83	− 0.33	+ 9.19	335 39 58.92	46.398	−14.71	− 26.9	4 28 30.69	− 3.29	+14 38 45.5	− 1.7
36	μ Eridani	9	40 39.28	− 0.38	+ **9.14**	317 35 59.18	46.615	−14.71	− 54.4	4 40 48.09	.....	− 3 25 36.8	....
37	o¹ Orionis	9	47 3.78	− 0.33	+ 9.19	335 7 58.60	43.365	−14.71	− 27.6	4 47 12.64	− 3.22	+14 5 35.1	− 0.4
38	k Tauri	9	52 15.09	− 0.32	+ 9.19	345 56 1.60	44.430	−14.71	− 14.9	4 52 23.96	− 3.47	+24 54 15.1	+ 2.4
39	τ Orionis	9	12 53.60	− 0.40	+ **9.19**	314 5 58.30	44.010	−14.71	−1 1.5	5 13 2.40	.....	− 6 56 44.3	....
40	25 Orionis	9	19 43.01	− 0.36	+ 9.20	322 47 57.38	44.253	−14.71	− 45.3	5 19 51.85	− 2.86	+ 1 45 36.5	− 0.8
41	χ Aurigæ	9	26 27.31	− 0.33	+ 9.20	353 8 1.28	46.700	−14.71	− 7.1	5 26 36 18	.....	+32 7 14.5	....
42	23 Camelopardalis	9	35 20 79	− 0.47	+ 9.20	22 26 1.42	46.152	−14.71	+ 24.8	5 35 29.52	− 5.35	+61 25 33.8	+15.2
43	130 Tauri	9	41 47.99	− 0.33	+ 9.20	338 43 58.72	43.128	−14.71	− 23.2	5 41 56.86	− 3.06	+17 41 34.2	+ 4.6
44	1 Geminorum	9	58 14.96	− 0.33	+ **9.23**	344 17 59.10	44.022	−14.71	− 16.7	5 58 23.83	.....	+23 16 1.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 23 17	......	....	45.0
23 36	......	....	45.2
0 3	......	....	45.0
0 20	29.925	46.0	....
27 14 6	29.985	50.6	50.0
12 34	30.115	55.8	54.9
28 14 10	30.11	58.7	58.5
23 22	30.18	52.4	52.0
23 50	......	....	51.8
0 32	30.19	51.5	50.2
0 48	......	....	49.3
1 17	30.19	50.0	48.8
1 40	30.19	49.3	48.0
29 3 49	30.20	41.3	40.0
4 5	......	....	40.0
4 33	......	....	39.9
4 57	......	....	40.0
5 6	30.20	40.9	. ..
5 28	......	....	39.6
5 46	......	....	39.8
6 6	30.185	40.8	39.9

Micrometer bisections are made at II, VI, except as noted below.

8, 11. Bisections at I, II.
9, 12. Bisections at VI, VII.
10, 32. Bisections at I, II, VI, VII.
14. Bisections at III, IV, V.
32. Z. D. threads A used.
40. Bisections at II, VI, VII.

Notes.

20. Micrometer reading decreased 1 rev.
31–44. Conditions poor.
31. Diffuse.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 6.9	+16 5.9	...	+16 12.8
9	+ 6.9	−16 6.0	...	−15 59.1
10	+ 3.9	+ 5.8	...	+ 9.7
11	+ 7.0	+16 7.3	...	+16 14 3
12	+ 6.9	−16 7.3	...	−16 0.4
32	+ 0.7	.. ....	...	+ 0.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Geminorum	9	17 6.97	− 0.33	+ **9.19**	343 34 0.30	48.300	−14.71	− 17.5	6 17 15.85	.....	+22 33 39.7	....
2	8 Lyncis	9	28 56.52	− 0.49	+ 9.21	22 34 1.80	46.185	−14.71	+ 24.9	6 29 5.24	.....	+61 33 35.0	....
3	ξ Geminorum	9	39 51.27	− 0.34	+ **9.24**	334 1 58.58	44.008	−14.71	− 29.1	6 40 0.14	.....	+12 59 48.3	....
	October 30, Hl.												
4	38 Pegasi	9	25 34.67	− 0.30	+ 9.32	353 8 1.20	42.622	−14.50	− 7.0	22 25 43.69	− 2.66	+32 5 41.5	−28.9
5	10 Lacertæ	9	34 53.67	− 0.30	+ 9.32	359 36 1.35	42.812	−14.50	− 0.4	22 35 2.69	.....	+38 33 52.6	....
6	μ Pegasi	9	45 18.78	− 0.30	+ **9.31**	345 8 0.05	45.108	−14.50	− 15.6	22 45 27.80	.....	+24 6 28.6	....
7	6 H¹. Draconis s. p.	9	52 9.25	+ 1.07	+ 9.32	62 42 4.30	47.780	−14.50	+1 54.0	10 52 19.64	.....	+78 16 15.3	....
8	φ Aquarii	9	9 17.92	− 0.38	+ **9.28**	314 27 58.08	47.565	−14.50	− 59.8	23 9 26.86	.....	− 6 33 21.3	....
9	ψ³ Aquarii	9	13 55.01	− 0.40	+ 9.32	310 53 58.02	47.550	−14.50	−1 7.8	23 14 3.93	− 2.64	−10 7 29.7	−17.2
10	κ Piscium	9	21 57.54	− 0.35	+ **9.32**	321 45 58.92	46.545	−14.50	− 46.3	23 22 6.51	.....	+ 0 44 29.7	....
11	ι Andromedæ	9	33 22.96	− 0.31	+ 9.32	3 46 2.32	45.585	−14.50	+ 3.9	23 33 31.97	.....	+42 45 1.2	....
12	i¹ Aquarii	9	39 10.44	− 0.45	+ **9.25**	302 13 57.45	47.405	−14.50	−1 33.0	23 39 19.31	.....	−18 47 58.8	....
13	30 Piscium	9	56 59.20	− 0.38	+ 9.32	314 29 57.50	45.350	−14.50	− 59.9	23 57 8.14	.....	− 6 32 12.6	....
14	α Andromedæ	9	3 22.77	− 0.30	+ **9.37**	349 36 0.35	44.642	−14.50	− 10.8	0 3 31.79	.....	+28 34 23.0	....
15	12 Ceti	9	25 5.42	− 0.37	+ **9.31**	316 33 59.00	44.028	−14.50	− 55.8	0 25 14.37	.....	− 4 28 37.3	....
16	ζ Cassiopeiæ	9	31 36.00	− 0.35	+ 9.32	14 24 1.70	44.700	−14.50	+ 15.2	0 31 44.97	.....	+53 22 51.6	....
17	α Cassiopeiæ	9	35 2.58	− 0.37	+ 9.32	17 2 1.68	45.955	−14.50	+ 18.2	0 35 11.53	.....	+56 1 23.1	....
	October 30, Br.												
18	k Orionis	9	11 0.37	− 0.30	+ 9.34	333 19 57.90	44.185	−14.72	− 29.8	6 11 9.41	− 2.84	+12 17 51.0	+ 5.2
19	β Canis Majoris	4	18 24.53	− 0.42	+ **9.27**	303 7 56.20	46.035	−14.72	−1 30.6	6 18 33.45	.....	−17 54 29.1	....
20	λ Canis Majoris	8	24 32.34	− 0.54	+ 9.34	288 31 56.95	47.975	−14.72	−2 54.8	6 24 41.14	− 2.24	−32 31 8.2	− 5.3
21	156 H¹. Draconis s. p.	9	34 5.81	+ 1.22	+ 9.34	63 30 1.42	46.278	−14.72	+1 59.0	18 34 16.37	+ 4.50	+77 28 48.7	−27.0
22	ξ Geminorum	9	39 51.16	− 0.30	+ **9.33**	334 1 57.58	43.995	−14.72	− 28.9	6 40 0.20	.....	+12 59 47.2	....
23	ψ⁷ Aurigæ	8	43 57.30	− 0.33	+ 9.34	2 54 0.48	46.642	−14.72	+ 3.1	6 44 6.31	− 3.34	+41 53 22.4	+16.4
24	υ Draconis s. p.	9	55 22.00	+ 0.86	+ 9.34	69 48 2.10	44.812	−14.72	+2 40.7	18 55 32.20	+ 1.84	+71 10 39.8	−29.0
25	γ Canis Majoris	9	59 21.02	− 0.41	+ **9.30**	305 33 56.52	42.832	−14.72	−1 22.8	6 59 29.95	.....	−15 29 34.3	....
26	63 Aurigæ	9	5 1.38	− 0.32	+ 9.34	0 29 59.85	43.960	−14.72	+ 0.6	7 5 10.40	.....	+39 28 18.2	....
27	δ Geminorum	9	14 20.59	− 0.30	+ **9.41**	343 11 59.08	42.105	−14.72	− 17.9	7 14 29.63	.....	+22 9 16.5	....
28	ε Geminorum	9	19 43.29	− 0.30	+ **9.38**	348 59 59.98	46.355	−14.72	− 11.5	7 19 52.33	.....	+27 59 0.8	....
29	6 Canis Minoris	9	24 23.94	− 0.30	+ 9.34	333 13 57.95	44.745	−14.72	− 29.9	7 24 32.98	− 2.42	+12 12 3.7	+ 9.1
30	n¹ Puppis	8	30 10.89	− 0.46	+ 9.34	297 45 57.30	48.272	−14.72	−1 52.1	7 30 19.77	− 2.05	−23 15 58.4	− 1.5
31	κ Geminorum	9	38 36.27	− 0.30	+ **9.40**	345 39 59.50	42.208	−14.72	− 15.1	7 38 45.31	.....	+24 37 22.0	....
32	166 B. Camelopardalis	9	48 46.43	− 0.84	+ 9.34	35 10 0.70	46.272	−14.72	+ 42.0	7 48 54.93	.....	+74 9 53.1	....
33	Groombridge 3402 s. p.	4	53 37.30	+12.30	+ 9.34	52 10 1.80	42.675	−14.72	+1 16.5	19 53 58.94	+33.98	+88 50 52.3	−31.7
34	β Cancri	9	11 14.93	− 0.31	+ **9.35**	330 29 57.25	46.255	−14.72	− 33.5	8 11 23.96	.....	+ 9 28 33.9	....
35	30 Monocerotis	9	20 47.85	− 0.35	+ **9.35**	317 25 58.60	46.018	−14.72	− 54.4	8 20 56.84	.....	− 3 35 51.0	....
36	Venus II, C	9	47 16.51	− 0.33	+ 9.35	317 41 57.50	46.775	−14.31	− 52.7	12 47 25.53	− 0.39	− 3 19 32.7	....
	October 31, Br.												
37	Sun I, S.	9	19 43.84	− 0.38	+ 9.35	306 43 57.90	42.720	−14.49	−1 16.8	14 19 52.81	+66.79	−14 19 29.5	....
38	Sun II, N.	9	21 57.43	− 0.38	+ 9.35	307 15 58.40	43.330	−14.49	−1 15.3	14 22 6.40	−66.80	−13 47 13.0	....
39	η Pegasi	9	38 26.57	− 0.35	+ **9.39**	350 45 59.98	43.435	−13.98	− 9.3	22 38 35.59	.....	+29 43 57.0	....
40	μ Pegasi	9	45 18.73	− 0.35	+ **9.40**	345 8 0.18	45.000	−13.98	− 15.3	22 45 27.75	.....	+24 6 27.0	....
41	δ Aquarii	9	49 30.30	− 0.47	+ **9.29**	304 43 57.62	43.445	−13.98	−1 22.9	22 49 39.20	.....	−16 19 18.5	....
42	β Pegasi	9	59 3.87	− 0.35	+ **9.42**	348 36 0.90	44.975	−13.98	− 11.6	22 59 12.89	.....	+27 34 30.9	....
43	5 Andromedæ	9	3 20.73	− 0.40	+ 9.37	9 48 1.20	45.885	−13.98	+ 10.1	23 3 29.70	− 3.36	+48 47 13.7	−29.9
44	φ Aquarii	9	9 17.87	− 0.42	+ **9.36**	314 29 57.68	42.218	−13.98	− 58.7	23 9 26.82	.....	− 6 33 22.3	....
45	γ Sculptoris	9	13 35.69	− 0.61	+ 9.37	288 1 57.62	43.505	−13.98	−2 55.3	23 13 44.45	.....	−33 2 49.5	....
46	κ Piscium	9	21 57.52	− 0.39	+ **9.37**	321 45 58.65	46.435	−13.98	− 45.5	23 22 6.50	.....	+ 0 44 28.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 6 34	....	....	39.4
6 50	30.19	40.7	39.2
30 22 15	30.11	46.7	46.8
22 39	....	....	45.7
22 59	....	....	45.1
23 7	30.11	45.7	....
23 19	....	....	45.0
23 43	....	....	44.6
0 7	....	....	44.2
0 16	30.11	44.9	44.0
0 46	30.105	44.2	43.3
6 11	30.04	41.5	40.0
6 39	....	....	40.0
7 8	30.04	41.8	40.0
8 24	30.03	41.1	39.7
12 48	29.99	50.1	50.4
31 14 22	29.95	54.5	54.6
22 36	29.775	51.0	49.8
22 52	....	....	49.1
23 23	....	....	48.2

Micrometer bisections are made at II, VI, except as noted below.

7, 37, 40.	Bisections at I, II.
12.	Bisections at II, VII.
17, 19, 20, 22, 23, 28, 30, 31, 38.	Bisections at VI, VII.
21, 24, 26, 32, 43.	Bisections at III, V.
33.	Bisections at b_1, b_2, b_3, b_4.
36.	Bisections at I, II, VI, VII.
39.	Bisection at VII.

Notes.

1-3. Conditions poor.

14. Micrometer reading decreased 1 rev.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
36	+ 4.0	.. ....	+ 0.1	+ 4.1
37	+ 7.1	+16 8.2	...	+16 15.3
38	+ 7.0	−16 8.2	...	−16 1.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	72 Pegasi	9	29 8.41	− 0.35	+ 9.37	351 50 1.00	44.838	−13.98	− 8.2	23 29 17.43	.....	+30 48 31.2	....
2	γ Cephei	9	35 25.90	− 1.04	+ 9.37	38 8 2.48	42.735	−13.98	+ 45.5	23 35 34.23	.....	+77 6 38.3	....
3	ι^1 Aquarii	9	39 10.35	− 0.49	+ **9.37**	302 13 58.30	47.178	−13.98	−1 31.3	23 39 19.23	.....	−18 48 0.9	....
4	41 H. Cephei	9	43 18.46	− 0.62	+ 9.37	28 18 2.62	44.905	−13.98	+ 31.2	23 43 27.21	.....	+67 17 13.8	....
5	φ Pegasi	9	47 33.24	− 0.35	+ **9.37**	339 37 59.98	43.970	−13.98	− 21.4	23 47 42.26	.....	+18 35 57.3	....
6	ω Piscium	9	54 19.86	− 0.37	+ **9.39**	327 21 58.15	46.388	−13.98	− 37.0	23 54 28.86	.....	+ 6 20 35.1	....
7	14 H^1. Draconis s. p.	9	0 10.72	+ 1.10	+ 9.37	63 34 2.78	43.740	−13.98	+1 56.2	12 0 21.19	+ 4.95	+77 25 47.3	+23.2
8	4 H. Draconis s. p.	9	7 29.26	+ 1.18	+ 9.37	62 52 2.90	42.700	−13.98	+1 52.8	12 7 39.81	.....	+78 8 14.4	....
9	σ Andromedæ	9	13 16.24	− 0.36	+ 9.37	357 18 0.62	43.082	−13.98	− 2.7	0 13 25.25	.....	+36 15 56.2	....
10	44 Piscium	9	20 25.92	− 0.39	+ **9.38**	322 25 59.30	48.118	−13.98	− 44.4	0 20 34.90	.....	+ 1 25 8.4	....
11	12 Ceti	9	25 5.39	− 0.41	+ **9.37**	316 33 57.98	43.995	−13.98	− 54.7	0 25 14.35	.....	− 4 28 37.4	....
12	κ Draconis s. p.	9	29 12.90	+ 0.73	+ 9.37	70 40 3.32	45.385	−13.98	+2 44.2	12 29 23.00	.....	+70 18 21.3	....
13	δ Andromedæ	9	34 9.17	− 0.35	+ 9.37	351 22 0.18	45.765	−13.98	− 8.7	0 34 18.19	.....	+30 20 51.1	....
14	ο Cassiopeiæ	9	39 20.91	− 0.40	+ 9.37	8 48 0.65	43.440	−13.98	+ 9.0	0 39 29.88	.....	+47 46 16.2	....
15	δ Piscium	9	43 39.31	− 0.37	+ **9.33**	328 5 58.08	45.862	−13.98	− 36.0	0 43 48.31	.....	+ 7 4 24.0	....
	October 31, Bs.												
16	Venus II, S.	8	51 51.43	− 0.36	+ 9.66	317 13 59.42	44.286	−14.19	− 52.4	12 52 0.73	− 0.39	− 3 48 27.2	....
	November 1, Bs.												
17	Sun I, N.	8	23 38.07	− 0.41	+ 9.66	306 55 58.00	44.906	−14.21	−1 14.8	14 23 47.32	+66.83	−14 6 37.1	....
18	Sun II, S.	9	25 51.73	− 0.41	+ 9.66	306 23 57.52	44.176	−14.21	−1 16.3	14 26 0.98	−66.83	−14 38 55.2	....
19	Moon I, S.	9	49 42.53	− 0.54	+ 9.67	300 37 57.58	43.443	−13.58	−1 36.4	18 49 51.66	+70.49	−20 25 31.7	....
20	ω Piscium	9	54 19.62	− 0.38	+ **9.64**	327 21 56.78	46.475	−14.06	− 37.6	23 54 28.93	.....	+ 6 20 35.1	....
21	4 H. Draconis s. p.	9	7 28.71	+ 1.13	+ 9.69	62 52 3.22	42.624	−14.06	+1 54.9	12 7 39.53	.....	+78 8 13.6	....
22	σ Andromedæ	9	13 15.89	− 0.36	+ 9.69	357 17 59.82	43.115	−14.06	− 2.7	0 13 25.22	.....	+36 15 56.1	....
23	44 Piscium	9	20 25.61	− 0.39	+ **9.69**	322 25 58.45	48.260	−14.06	− 45.3	0 20 34.91	.....	+ 1 25 9.8	....
24	12 Ceti	9	25 5.05	− 0.41	+ **9.71**	316 33 57.28	44.058	−14.06	− 55.8	0 25 14.33	.....	− 4 28 37.9	....
25	κ Draconis s. p.	9	29 11.97	+ 0.71	+ 9.69	70 40 3.55	45.178	−14.06	+2 47.5	12 29 22.37	.....	+70 18 22.3	....
26	δ Andromedæ	9	34 8.87	− 0.35	+ 9.69	351 21 59.40	45.828	−14.06	− 8.9	0 34 18.21	.....	+30 20 51.5	....
27	ο Cassiopeiæ	9	39 20.45	− 0.39	+ 9.69	8 48 0.48	43.505	−14.06	+ 9.2	0 39 29.75	.....	+47 46 17.5	....
28	δ Piscium	9	43 38.99	− 0.37	+ **9.65**	328 5 57.68	45.902	−14.06	− 36.7	0 43 48.31	.....	+ 7 4 23.8	....
29	γ Cassiopeiæ	9	50 54.19	− 0.48	+ 9.69	21 14 1.52	43.505	−14.06	+ 23.0	0 51 3.40	.....	+60 12 32.3	....
30	α Sculptoris	9	53 55.46	− 0.58	+ 9.69	291 11 57.52	44.495	−14.06	−2 31.0	0 54 4.57	.....	−29 52 2.7	....
31	ε Piscium	9	57 54.44	− 0.37	+ **9.79**	328 23 57.68	47.575	−14.06	− 36.3	0 58 3.76	.....	+ 7 23 2.4	....
32	ζ^1 Piscium	9	8 39.83	− 0.37	+ **9.76**	328 5 56.85	46.690	−14.06	− 36.8	1 8 49.15	.....	+ 7 4 40.8	....
33	υ Piscium	9	14 8.82	− 0.34	+ **9.68**	347 47 58.92	44.352	−14.06	− 12.8	1 14 18.17	.....	+26 46 13.4	....
34	δ Cassiopeiæ	9	19 31.97	− 0.48	+ 9.69	20 46 0.60	44.352	−14.06	+ 22.6	1 19 41.18	.....	+59 44 50.3	....
35	38 Cassiopeiæ	9	24 7.21	− 0.68	+ 9.69	30 48 1.68	43.835	−14.06	+ 35.4	1 24 16.22	.....	+69 46 52.2	....
36	40 Cassiopeiæ	9	30 53.92	− 0.79	+ 9.69	33 34 1.42	45.712	−14.06	+ 39.5	1 31 2.82	.....	+72 33 38.9	....
37	ε Sculptoris	7	41 5.55	− 0.53	+ 9.69	295 31 57.15	44.972	−14.06	−2 3.4	1 41 14.71	.....	−25 31 24.6	....
38	ε Cassiopeiæ	9	47 30.06	− 0.53	+ 9.70	24 14 1.82	43.048	−14.06	+ 26.8	1 47 39.23	.....	+63 12 25.9	....
39	υ Ceti	9	55 25.49	− 0.49	+ 9.70	299 31 56.72	42.418	−14.06	−1 44.4	1 55 34.70	.....	−21 32 4.4	....
40	α Draconis s. p.	9	1 35.32	+ 0.65	+ 9.70	76 8 2.90	44.029	−14.06	+3 57.6	14 1 45.67	.....	+64 49 39.3	....
41	55 Cassiopeiæ	9	6 58.71	− 0.59	+ 9.70	27 6 0.78	44.410	−14.06	+ 30.5	2 7 7.82	.....	+66 4 59.6	....
	November 1, Hl.												
42	ε Persei	9	51 23.76	− 0.33	+ 9.45	0 46 0.12	43.632	−14.24	+ 0.9	3 51 32.88	.....	+39 44 11.6	....
43	ψ Tauri	9	1 2.52	− 0.30	+ 9.45	349 46 1.70	45.572	−14.24	− 10.7	4 1 11.67	− 3.82	+28 44 46.0	− 2.0
44	Jupiter I, C.	5	9 43.29	− 0.30	+ 9.45	341 0 0.12	43.701	−14.24	− 20.5	4 9 52.44	+ 1.70	+19 59 34.8	....
45	Jupiter II	5	9 46.69	− 0.30	+ 9.45	... .	......	.....	. ....	4 9 55.84	− 1.70	.. ..	....
46	ε Tauri	9	22 58.43	− 0.29	+ **9.44**	339 59 59.10	44.890	−14.24	− 21.7	4 23 7.59	.....	+18 58 16.8	....
47	α Tauri	9	30 22.38	− 0.29	+ **9.43**	337 19 57.85	47.400	−14.24	− 24.9	4 30 31.54	.....	+16 19 9.8	....
48	μ Eridani	9	40 39.01	− 0.33	+ **9.42**	317 35 58.40	46.650	−14.24	− 54.6	4 40 48.13	.....	− 3 25 36.5	....
49	π^5 Orionis	9	49 12.08	− 0.31	+ **9.44**	323 17 58.80	48.298	−14.24	− 44.6	4 49 21.22	.....	+ 2 17 11.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
31 23 48	29.75	49.0	48.1
0 16	......	....	47.4
0 44	29.73	48.7	47.1
12 52	29.615	54.2	54.7
1 14 26	29.625	57.6	58.0
18 50	29.67	52.1	50.8
23 54	29.81	41.8	40.0
0 29	......	....	39.0
0 58	29.825	40.2	38.6
1 31	......	....	37.2
2 7	29.85	38.8	36.6
3 41	29.88	36.3	34.0
4 4	......	....	34.3
4 27	......	....	33.9
4 43	......	....	33.2
4 55	29.89	34.9	33.0

Micrometer bisections are made at II, VI, except as noted below.

1, 3, 17	Bisections at I, II.
2, 4, 7, 8, 12, 14.	Bisections at III, V.
11, 18.	Bisections at VI, VII.
16, 44.	Bisections at I, II, VI, VII.
19, 21, 40.	Bisections at II, III, IV, V, VI.
43.	Bisections at II, VII.
44.	Z. D. threads A used.

Notes.

39. Revolutions of micrometer reading assumed.
41. Micrometer reading increased 20 rev.
46. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+ 4.0	+ 5.8	...	+ 9.8
17	+ 7.1	−16 9.0	...	−16 1.9
18	+ 7.1	+16 9.1	...	+16 16.2
19	+50 8.1	+15 57.5	...	+66 5.6
44	+ 0.7	.. ....	...	+ 0.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus II, S	9	56 26.90	− 0.28	+ 9.48	316 43 58.40	47.832	−14.40	− 56.0	12 56 36.10	− 0.39	− 4 17 11.0	....
	November 2, Hl.												
2	Sun I, S	9	27 33.18	− 0.33	+ 9.48	306 3 56.88	46.595	−14.66	−1 21.1	14 27 42.33	+67.11	−14 58 6.4	....
3	Sun II, N	8	29 47.40	− 0.33	+ 9.48	306 35 56.80	47.300	−14.66	−1 19.5	14 29 56.55	−67.11	−14 25 48.2	....
4	Moon I, S	9	49 0.27	− 0.42	+ 9.50	301 35 56.40	46.567	−14.59	−1 35.8	19 49 9.35	+68.78	−19 26 21.9	....
5	ω Piscium	9	54 19.69	− 0.27	+ **9.45**	327 22	......	.....	. ....	23 54 28.93	.....	+ 6 20	....
6	2 Ceti	9	58 46.09	− 0.37	+ **9.47**	303 10	......	.....	. ....	23 58 55.23	.....	−17 51	....
7	α Andromedæ	9	3 22.60	− 0.26	+ **9.48**	349 34	......	.....	. ....	0 3 31.85	.....	+28 34	....
8	γ Pegasi	9	8 14.42	− 0.26	+ **9.49**	335 40	......	.....	. ....	0 8 23.68	.....	+14 39	....
	November 2, Br.												
9	153 H¹. Draconis s. p.	9	35 43.68	+ 0.81	+ 9.53	75 34 3.32	41.890	−15.28	+3 49.6	18 35 54.02	+ 1.46	+65 24 37.1	−26.8
10	43 Camelopardalis	9	43 24.80	− 0.58	+ 9.53	30 0 1.10	45.860	−15.28	+ 34.6	6 43 33.75	− 5.68	+68 59 36.2	+23.1
11	51 H. Cephei	9	56 36.94	− 5.11	+ 9.53	48 12 2.32	44.197	−15.28	+1 7.0	6 56 41.36	.....	+87 11 31.3	....
12	18 Lyncis	5	7 32.39	− 0.39	+ 9.53	20 50 0.05	42.402	−15.28	+ 22.8	7 7 41.53	− 4.13	+59 48 4.4	+23.0
13	λ Geminorum	9	12 31.44	− 0.23	+ **9.53**	337 43 58.50	45.822	−15.28	− 24.4	7 12 40.74	.....	+16 42 33.8	....
14	λ Ursæ Minoris s. p.	4	15 17.38	+14.94	+ 9.53	52 0 1.15	44.240	−15.28	+1 16.7	19 15 41.85	.....	+89 0 17.2	....
15	υ Geminorum	9	29 57.61	− 0.23	+ 9.53	348 7 59.12	44.335	−15.28	− 12.5	7 30 6.91	− 2.69	+27 6 12.3	+14.7
16	l Puppis	9	39 52.66	− 0.43	+ 9.53	292 19 58.02	45.355	−15.28	−2 24.4	7 40 1.76	− 2.05	−28 43 37.2	− 2.2
17	φ Geminorum	9	47 34.34	− 0.23	+ **9.57**	348 2 0.40	45.018	−15.28	− 12.6	7 47 43.64	.....	+27 0 29.1	....
18	1 Cancri	9	51 28.96	− 0.23	+ 9.53	337 3 58.72	45.622	−15.28	− 25.3	7 51 38.26	.....	+16 2 28.6	....
19	3 Cancri	9	55 13.79	− 0.23	+ 9.53	338 35 58.92	44.182	−15.28	− 23.4	7 55 23.09	− 2.38	+17 33 57.7	+12.5
20	μ Cancri	9	2 3.61	− 0.23	+ 9.53	342 51 59.65	47.322	−15.28	− 18.4	8 2 12.91	− 2.38	+21 51 15.2	+14.3
21	173 B. Camelopardalis	9	7 33.76	− 0.92	+ 9.54	37 4 1.08	42.195	−15.28	+ 45.3	8 7 42.38	.....	+76 2 23.1	....
22	β Cancri	6	11 14.77	− 0.24	+ **9.54**	330 29 57.98	46.250	−15.28	− 33.8	8 11 24.07	.....	+ 9 28 33.7	....
23	30 Monocerotis	9	20 47.63	− 0.28	+ **9.59**	317 25 58.25	46.058	−15.28	− 54.9	8 20 56.89	.....	− 3 35 51.5	....
24	Groombridge 1418	7	26 44.23	− 3.04	+ 9.54	46 24 1.90	42.965	−15.28	+1 3.0	8 26 50.73	− 8.10	+85 22 59.1	+32.4
25	27 B. Ursæ Majoris	6	32 8.89	− 0.32	+ 9.54	14 4 0.62	43.335	−15.28	+ 15.1	8 32 18.11	− 2.53	+53 2 18.3	+25.5
26	ι Cancri	9	40 49.83	− 0.23	+ **9.62**	350 7 58.35	44.172	−15.28	− 10.4	8 40 59.14	.....	+29 6 9.9	....
27	Venus II, C	9	1 2.73	− 0.29	+ 9.54	316 15 57.75	46.375	−15.00	− 55.9	13 1 11.98	− 0.39	− 4 45 45.5	....
	November 3, Bs.												
28	ι Geminorum	9	19 42.94	− 0.25	+ **9.81**	348 59 59.70	46.452	−15.74	− 11.4	7 19 52.53	.....	+27 59 1.9	....
29	n^1 Puppis	9	30 10.46	− 0.40	+ 9.84	297 45 54.45	48.472	−15.74	−1 51.8	7 30 19.90	− 2.17	−23 15 57.4	− 1.0
30	n^2 Puppis	9	30 11.11	− 0.40	+ 9.84	297 45 54.45	48.335	−15.74	−1 51.8	7 30 20.55	− 2.17	−23 16 0.5	− 1.0
31	24 Lyncis	9	34 52.57	− 0.40	+ 9.84	19 55 58.45	46.688	−15.74	+ 21.6	7 35 2.01	.....	+58 55 38.9	....
32	κ Geminorum	9	38 35.87	− 0.25	+ **9.88**	345 39 57.52	42.298	−15.74	− 15.1	7 38 45.46	.....	+24 37 21.1	....
33	4 Puppis	9	41 27.10	− 0.34	+ 9.84	306 41 53.12	46.980	−15.74	−1 19.3	7 41 36.60	− 2.19	−14 20 0.4	+ 1.8
34	166 B. Camelopardalis	9	48 46.01	− 0.85	+ 9.84	35 9 58.62	46.405	−15.74	+ 41.9	7 48 55.00	.....	+74 9 52.6	....
35	ρ Argus	9	3 22.45	− 0.40	+ 9.84	297 1 53.88	43.842	−15.74	−1 55.7	8 3 31.89	.....	−24 1 47.7	....
36	β Cancri	9	11 14.58	− 0.26	+ **9.78**	330 29 55.52	46.375	−15.74	− 33.5	8 11 24.16	.....	+ 9 28 33.9	....
37	181 B. Camelopardalis	9	29 3.93	− 0.84	+ 9.84	34 57 59.05	44.755	−15.74	+ 41.7	8 29 12.93	− 3.68	+73 57 15.1	+30.6
38	19 G. Pyxidis	9	34 50.84	− 0.39	+ 9.84	298 41 54.02	47.425	−15.74	−1 48.0	8 35 0.29	− 1.89	−22 20 18.0	+ 0.8
39	δ Cancri	9	39 9.78	− 0.25	+ **9.88**	339 31 57.08	44.382	−15.74	− 22.2	8 39 19.37	.....	+18 30 1.2	....
40	o^1 Cancri	9	46 48.91	− 0.25	+ 9.84	349 43 57.05	42.175	−15.74	− 10.7	8 46 58.50	− 2.11	+28 41 22.2	+18.0
41	Venus II, S	8	5 38.81	− 0.30	+ 9.88	315 47 54.60	44.656	−16.55	− 56.3	13 5 48.39	− 0.39	− 5 14 29.8	....
	November 4, Bs.												
42	Sun I, S	9	35 26.00	− 0.37	+ 9.89	305 25 54.12	47.778	−15.95	−1 20.7	14 35 35.52	+67.24	−15 35 43.0	....
43	Sun II, N	9	37 40.49	− 0.37	+ 9.89	305 57 55.75	48.438	−15.95	−1 19.1	14 37 50.01	−67.25	−15 3 24.2	....
44	Mercury I, C	9	31 27.84	− 0.42	+ 9.89	300 23 56.38	43.382	−15.56	−1 37.7	15 31 37.31	+ 0.17	−20 39 37.5	....
	November 6, Bs.												
45	φ Aquarii	9	9 17.16	− 0.44	+**10.02**	314 28	......	.....	. ....	23 9 26.79	.....	− 6 33	....
46	Moon I, S	9	16 57.37	− 0.45	+10.07	313 41 55.52	43.876	−13.72	− 59.8	23 17 6.99	+62.00	− 7 20 47.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 13 3	30.04	40.1	38.1
2 14 30	30.00	42.2	40.2
19 49	29.98	41.7	40.1
6 36	[illegible]	34.9	34.0
7 0	....	....	33.9
7 41	29.88	34.9	33.9
8 45	29.88	34.2	[illegible]
13 2	29.88	45.0	44.2
3 7 20	29.82	38.7	38.2
7 49	....	....	37.1
8 20	29.83	37.3	36.1
8 47	29.84	36.5	36.0
13 6	29.945	48.1	50.1
4 14 38	29.95	52.3	53.0
15 31	29.95	53.1	[illegible]
6 23 17	29.64	52.3	51.1

Micrometer bisections are made at II, VI, except as noted below.

1, 27, 41, 44.	Bisections at I, II, VI, VII.
2, 18, 20, 42.	Bisections at I, II.
3, 13, 16, 17, 22, 25, 43.	Bisections at VI, VII.
4, 46.	Bisections at II, III, IV, V, VI.
9, 10, 21.	Bisections at III, V.
11.	Bisections at III, IV, V.
12.	Bisections at b_7, b_9.
14.	Bisections at b_1, b_2, b_4.
24.	Bisections at b_2, b_8.

Notes.

5-8, 16. Clouds.
38. Micrometer reading increased 10 rev.
45, 46. Clouds and haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 4.0	+ 5.7	...	+ 9.7
2	+ 7.1	+16 9.1	...	+16 16.2
3	+ 7.1	−16 9.1	...	−16 2.0
4	+48 46.4	+15 41.4	...	+64 27.8
27	+ 4.1	.. ....	+0.1	+ 4.2
41	+ 4.1	+ 5.7	...	+ 9.8
42	+ 7.2	+16 9.4	...	+16 16.6
43	+ 7.2	−16 9.4	...	−16 2.2
44	+ 5.5	.. ....	−0.1	+ 5.4
46	+39 17.5	+14 54.6	...	+54 12.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ι Piscium	9	34 57.00	− 0.41	+10.02	326 8	......	.....	. ....	23 35 6.66	.....	+ 5 7	....
2	i^1 Aquarii	9	39 9.58	− 0.51	+10.10	302 14	......	.....	. ....	23 39 19.14	.....	−18 47	....
3	φ Pegasi	9	47 32.52	− 0.38	+10.06	339 36	......	.....	. ....	23 47 42.21	.....	+18 35	....
4	ω Piscium	9	54 19.11	− 0.40	+10.13	327 22	......	.....	. ....	23 54 28.78	.....	+ 6 20	....
5	33 Piscium	9	0 21.54	− 0.44	+10.08	303 10	......	.....	. ....	0 0 31.17	.....	− 6 14	....
	November 7, Hl.												
6	Sun I, N	9	47 21.35	− 0.46	+ 9.87	305 3 53.75	47.170	−14.49	−1 21.3	14 47 30.76	+67.61	−15 57 56.4	....
7	Sun II, S	9	49 36.57	− 0.46	+ 9.87	304 31 53.88	46.488	−14.49	−1 23.0	14 49 45.98	−67.61	−16 30 13.0	....
8	Moon I, S	9	3 47.25	− 0.39	+ 9.89	317 43 56.15	44.269	−14.85	− 52.5	0 3 56.75	+61.22	− 3 18 31.7	....
	November 8, Bs.												
9	Groombridge 4163	9	50 8.77	− 0.75	+10.22	34 53 59.50	45.175	−15.15	+ 40.9	23 50 18.24	.....	+73 53 24.9	....
10	α Andromedæ	9	3 21.84	− 0.31	+10.23	349 35 57.12	44.775	−15.20	− 10.7	0 3 31.75	.....	+28 34 22.2	....
11	6 B. Ursæ Minoris s. P.	9	13 15.44	+ 6.98	+10.22	52 45 59.85	47.353	−15.24	+1 17.1	12 13 32.64	.....	+88 13 7.3	....
12	12 Ceti	8	25 4.44	− 0.38	+10.25	316 33 55.45	44.142	−15.29	− 55.3	0 25 14.28	.....	− 4 28 38.5	....
13	ζ Cassiopeiæ	9	31 34.89	− 0.37	+10.23	14 23 58.58	44.975	−15.31	+ 15.1	0 31 44.75	.....	+53 22 53.8	....
14	21 Cassiopeiæ	9	39 20.07	− 0.78	+10.23	35 29 58.22	42.948	−15.34	+ 41.8	0 39 29.52	.....	+74 28 33.5	....
15	Moon I, S	9	49 55.13	− 0.37	+10.23	321 49 55.68	45.176	−15.37	− 45.9	0 50 4.99	+60.94	+ 0 47 54.6	....
16	ε Piscium	9	57 53.99	− 0.34	+10.19	328 23 55.08	47.702	−15.41	− 35.9	0 58 3.88	.....	+ 7 23 1.7	....
17	μ Cassiopeiæ	9	1 51.91	− 0.38	+10.23	15 27 58.00	46.870	−15.43	+ 16.3	1 2 1.76	.....	+54 27 37.6	....
18	g Piscium	9	5 46.01	− 0.31	+10.23	351 55 57.45	47.710	−15.45	− 8.2	1 5 55.93	− 3.67	+30 55 31.9	−20.2
19	α Ursæ Minoris	9	26 9.22	−10.32	+10.23	49 47 59.42	46.378	−15.52	+1 9.5	1 26 9.13	.....	+88 48 19.7	....
20	ζ Ceti	9	46 39.49	− 0.41	+10.23	310 13 55.02	46.368	−15.60	−1 9.1	1 46 49.31	.....	−10 48 2.1	....
21	υ Ceti	9	55 24.89	− 0.48	+10.23	299 31 54.35	42.462	−15.63	−1 43.2	1 55 34.64	.....	−21 32 6.2	....
22	α Arietis	9	1 42.68	− 0.31	+10.26	344 1 57.45	46.890	−15.66	− 16.7	2 1 52.60	.....	+23 1 4.5	....
23	ξ^1 Ceti	9	7 51.28	− 0.33	+10.20	329 25 55.38	45.812	−15.68	− 34.6	2 8 1.18	.....	+ 8 24 19.9	....
24	ρ Ceti	9	21 14.88	− 0.42	+10.23	308 19 54.38	44.265	−15.73	−1 14.2	2 21 24.69	− 3.04	−12 42 56.1	−10.4
	November 9, Hl.												
25	Sun I, S	8	55 22.14	− 0.39	+10.02	303 57 54.55	44.022	−15.92	−1 26.2	14 55 31.77	+67.91	−17 5 13.9	....
26	Sun II, N	9	57 37.97	− 0.39	+10.02	304 29 54.58	44.800	−15.92	−1 24.5	14 57 47.60	−67.92	−16 32 53.8	....
	November 9, Bs.												
27	Venus II, S	9	33 28.64	− 0.28	+10.34	312 57 54.40	46.654	−15.56	−1 3.6	13 33 38.70	− 0.38	− 8 3 50.7	....
	November 10, Bs.												
28	Sun I, N	9	59 23.69	− 0.33	+10.34	304 11 55.40	47.348	−15.20	−1 26.7	14 59 33.70	+67.90	−16 49 56.8	....
29	Sun II, S	9	1 39.50	− 0.33	+10.34	303 39 54.02	46.462	−15.20	−1 28.4	15 1 49.51	−67.91	−17 22 19.6	....
30	4 H. Draconis s. P.	9	7 27.98	+ 1.48	+10.38	62 52 0.28	42.850	−15.53	+1 56.6	12 7 39.84	.....	+78 8 11.1	....
31	44 Piscium	9	20 24.70	− 0.27	+10.43	322 27 55.25	43.145	−15.53	− 45.9	0 20 34.81	.....	+ 1 25 7.7	....
32	12 Ceti	9	25 4.21	− 0.28	+10.37	316 33 55.60	44.182	−15.53	− 56.6	0 25 14.31	.....	− 4 28 39.0	....
33	κ Draconis s. P.	9	29 11.42	+ 0.97	+10.38	70 40 1.82	45.420	−15.53	+2 49.9	12 29 22.77	.....	+70 18 17.5	....
34	δ Andromedæ	9	34 8.04	− 0.25	+10.38	351 21 56.82	46.135	−15.53	− 9.0	0 34 18.17	.....	+30 20 54.4	....
35	ο Cassiopeiæ	9	39 19.66	− 0.31	+10.38	8 47 57.82	43.712	−15.53	+ 9.3	0 39 29.73	.....	+47 46 18.2	....
36	δ Piscium	9	43 38.11	− 0.25	+10.38	328 5 55.18	46.088	−15.53	− 37.2	0 43 48.24	.....	+ 7 4 23.5	....
37	γ Cassiopeiæ	9	50 53.31	− 0.42	+10.38	21 13 58.45	43.790	−15.53	+ 23.4	0 51 3.27	.....	+60 12 34.7	....
38	α Sculptoris	8	53 54.55	− 0.44	+10.38	291 11 54.98	44.700	−15.53	−2 33.4	0 54 4.49	.....	−29 52 4.5	....
39	ε Piscium	9	57 53.73	− 0.25	+10.35	328 23 54.52	47.790	−15.53	− 36.9	0 58 3.86	.....	+ 7 23 2.1	....
40	ζ^1 Piscium	9	8 39.03	− 0.25	+10.42	328 5 55.75	46.830	−15.53	− 37.4	1 8 49.16	.....	+ 7 4 40.9	....
41	υ Piscium	9	14 7.94	− 0.24	+10.45	347 47 57.05	44.550	−15.53	− 13.0	1 14 18.08	.....	+26 46 14.4	....
42	δ Cassiopeiæ	9	19 31.16	− 0.41	+10.38	20 45 59.00	44.575	−15.53	+ 22.9	1 19 41.13	.....	+59 44 52.6	....
43	38 Cassiopeiæ	9	24 6.34	− 0.65	+10.38	30 47 59.22	44.078	−15.53	+ 36.0	1 24 16.07	.....	+69 46 54.4	....
44	40 Cassiopeiæ	9	30 52.81	− 0.77	+10.38	33 33 59.50	45.968	−15.53	+ 40.1	1 31 2.42	.....	+72 33 41.9	....
45	ε Sculptoris	9	41 4.68	− 0.41	+10.39	295 31 53.45	45.192	−15.53	−2 5.3	1 41 14.66	.....	−25 31 26.7	....
46	ε Cassiopeiæ	9	47 29.23	− 0.47	+10.39	24 14 0.00	43.292	−15.53	+ 27.2	1 47 39.15	.....	+63 12 28.6	....
47	υ Ceti	9	55 24.67	− 0.38	+10.39	299 31 54.55	42.562	−15.53	−1 46.0	1 55 34.68	.....	−21 32 6.4	....
48	α Arietis	9	1 42.46	− 0.24	+10.41	344 1 57.58	46.930	−15.53	− 17.2	2 1 52.61	.....	+23 1 5.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 14 50	29.62	51.6	50.0
0 4	29.535	44.8	43.9
8 23 50	29.73	43.2	42.6
0 13	29.735	42.6	42.1
0 50	29.74	42.5	41.8
1 47	29.735	41.5	40.8
2 21	29.74	40.4	39.5
9 14 58	29.85	46.7	45.7
13 33	30.12	41.6	40.9
10 15 2	30.12	43.7	43.1
0 7	30.11	38.5	37.6
0 39	......	....	37.2
1 9	30.12	36.3	35.1
1 41	......	....	34.4

Micrometer bisections are made at II, VI, except as noted below.

6, 25, 28. Bisections at I, II.
7, 26, 29. Bisections at VI, VII.
8. Bisections at b_1, b_4, b_6, b_9.
11, 19. Bisections at III, IV, V.
15, 30. Bisections at II, III, IV, V, VI.
27. Bisections at I, II, VI, VII.

Notes.

1–5. Clouds and haze.
13. Micrometer reading increased 10 rev.
40. Micrometer reading increased 20 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 7.2	−16 8.2	...	−16 1.0
7	+ 7.3	+16 8.3	...	+16 15.6
8	+36 17.7	+14 48.9	...	+51 6.6
15	+33 11.3	+14 45.4	...	+47 56.7
25	+ 7.3	+16 10.0	...	+16 17.3
26	+ 7.3	−16 10.1	...	−16 2.8
27	+ 4.2	+ 5.6	...	+ 9.8
28	+ 7.3	−16 11.3	...	−16 4.0
29	+ 7.4	+16 11.4	...	+16 18.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	55 Cassiopeiæ	9	6 57.93	− 0.54	+10.39	27 5 59.52	44.640	−15.53	+ 30.9	2 7 7.78	.....	+66 5 2.6	....
2	67 Ceti	9	12 7.69	− 0.29	+10.38	314 11 54.78	42.552	−15.53	−1 1.9	2 12 17.79	.....	− 6 51 22.3	....
3	Moon I, S.	9	22 48.66	− 0.26	+10.39	329 39 55.28	46.188	−15.53	− 35.2	2 22 58.79	+61.69	+ 8 38 27.9	....
	November 10, Hl.												
4	δ Ursæ Minoris s. p.	9	2 9.89	+ 4.85	+10.14	54 24	......	.....	. ....	18 2 24.88	.....	+86 37	....
5	φ Draconis s. p.	9	21 52.86	+ 1.02	+10.15	69 42 0.45	42.279	−15.81	+2 42.9	18 22 4.03	+ 3.30	+71 17 37.7	−23.8
6	153 H¹. Draconis s. p.	9	35 42.74	+ 0.85	+10.15	75 34 1.65	41.835	−15.81	+3 52.2	18 35 53.74	+ 1.80	+65 24 37.5	−25.2
7	51 H. Cephei	9	56 39.22	− 5.49	+10.15	48 12	......	.....	. ....	6 56 43.88	.....	+87 11	....
8	υ Geminorum	9	29 57.32	− 0.23	+10.15	348 7 57.22	44.465	−15.81	− 12.7	7 30 7.24	− 2.96	+27 6 12.7	+15.1
9	κ Geminorum	9	38 35.82	− 0.23	+10.14	345 37 57.05	47.620	−15.81	− 15.5	7 38 45.74	.....	+24 37 21.8	....
10	φ Geminorum	9	47 34.02	− 0.23	+10.16	348 1 58.42	45.148	−15.81	− 12.8	7 47 43.94	.....	+27 0 29.3	....
11	χ Geminorum	9	57 34.01	− 0.23	+10.15	349 4	......	.....	. ....	7 57 43.93	.....	+28 3	....
12	30 Monocerotis	9	20 47.29	− 0.26	+10.15	317 25 55.65	46.180	−15.81	− 55.5	8 20 57.18	.....	− 3 35 52.4	....
13	η Cancri	9	27 5.57	− 0.22	+10.11	341 45 56.35	48.532	−15.81	− 19.9	8 27 15.50	.....	+20 45 37.5	....
14	γ Cancri	9	37 39.89	− 0.22	+10.13	342 49 56.55	45.248	−15.81	− 18.7	8 37 49.82	.....	+21 48 23.9	....
15	ζ Hydræ	9	50 14.74	− 0.23	+10.10	327 19 54.18	45.917	−15.81	− 38.9	8 50 24.66	.....	+ 6 18 16.7	....
16	Venus II, C.	9	38 9.47	− 0.23	+10.14	312 29 54.68	47.675	−15.55	−1 4.6	13 38 19.38	− 0.38	− 8 31 28.1	....
	November 11, Hl.												
17	Sun I, S.	9	3 26.34	− 0.30	+10.15	303 23 54.10	44.522	−15.65	−1 28.9	15 3 36.19	+68.17	−17 39 5.3	....
18	Sun II, N.	9	5 42.68	− 0.30	+10.15	303 55 53.98	45.362	−15.65	−1 27.1	15 5 52.53	−68.17	−17 6 43.9	....
19	Mercury C, C.	9	14 19.72	− 0.36	+10.15	297 39 54.30	44.998	−15.06	−1 50.8	16 14 29.51	+ 0.02	−23 23 15.3	....
20	Moon I.	9	10 42.34	− 0.26	+10.16	333 22	......	.....	. ....	3 10 52.24	+62.48	.. ..	....
21	Moon II.	9	12 47.32	− 0.26	+10.16	... .	......	.....	. ....	3 12 57.22	−62.50	.. ..	....
22	87 B. Draconis s. p.	9	5 48.56	+ 0.96	+10.16	72 54 0.30	46.129	−15.27	+3 12.0	16 5 59.68	.....	+68 3 40.3	....
23	γ Tauri	9	14 16.85	− 0.25	+10.15	336 25 56.98	44.492	−15.27	− 25.9	4 14 26.76	.....	+15 24 0.4	....
24	δ Tauri	9	17 21.11	− 0.25	+10.07	338 19 58.10	47.665	−15.27	− 23.6	4 17 31.02	.....	+17 19 16.3	....
25	70 B. Ursæ Minoris s. p.	9	34 23.04	+ 1.55	+10.16	63 21 59.92	42.481	−15.27	+1 58.4	16 34 34.75	+ 8.39	+77 38 17.2	− 9.3
26	157 H¹. Cephei	9	58 27.22	− 3.97	+10.16	46 50 0.98	45.850	−15.27	+1 3.5	4 58 33.41	−31.79	+85 50 2.7	+11.4
27	25 Orionis	9	19 42.18	− 0.27	+10.16	322 47 56.05	44.325	−15.27	− 45.0	5 19 52.07	− 3.15	+ 1 45 36.6	+ 0.4
28	χ Aurigæ	9	26 26.57	− 0.27	+10.16	353 7 57.58	46.970	−15.27	− 7.1	5 26 36.46	.....	+32 7 16.4	....
29	ζ Orionis	9	35 51.09	− 0.28	+10.17	319 1 56.05	46.855	−15.27	− 51.5	5 36 0.97	.....	− 1 59 32.1	....
30	κ Orionis	9	43 8.18	− 0.30	+10.11	311 19 54.50	46.005	−15.27	−1 7.4	5 43 18.04	.....	− 9 42 8.9	....
31	1 Geminorum	9	58 14.23	− 0.26	+10.25	344 17 57.45	44.160	−15.27	− 16.7	5 58 24.13	.....	+23 16 2.5	....
32	η Geminorum	9	9 2.07	− 0.25	+10.22	343 33 56.90	44.130	−15.27	− 17.5	6 9 11.99	.....	+22 32 0.4	....
	November 12, Hl.												
33	Moon S.	.	.. ..	....	.....	335 59 56.20	45.103	−13.85	− 25.4	.. ..	.....	+14 58 17.3	....
34	Moon II, N.	9	2 13.10	− 0.36	+10.20	336 29 56.22	45.240	−13.85	− 24.8	4 2 22.94	−63.67	+15 28 17.4	....
35	τ Orionis	9	12 52.86	− 0.40	+10.22	314 3 56.40	49.172	−14.37	− 59.1	5 13 2.66	.....	− 6 56 45.5	....
36	δ Orionis	9	27 2.48	− 0.38	+10.21	320 39 55.88	45.038	−14.37	− 47.0	5 27 12.31	.....	− 0 22 8.4	....
37	ι Orionis	9	30 40.46	− 0.40	+10.14	315 3 55.10	45.098	−14.37	− 57.2	5 30 50.27	.....	− 5 58 18.0	....
38	κ Orionis	9	43 8.26	− 0.43	+10.19	311 19 55.20	45.732	−14.37	−1 5.1	5 43 18.04	.....	− 9 42 11.2	....
39	35 Draconis s. p.	7	53 24.14	+ 1.28	+10.21	64 0 0.92	46.239	−14.37	+1 57.4	17 53 35.63	.....	+76 58 50.5	....
40	η Geminorum	9	9 2.22	− 0.35	+10.20	343 33 58.55	43.952	−14.37	− 16.8	6 9 12.08	.....	+22 31 59.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 2 23	30.12	34.7	33.6
5 45	30.10	34.2	32.1
6 9	......	....	30.9
6 30	......	....	32.0
7 0	30.09	33.1	31.1
7 33	......	....	31.1
7 52	......	....	31.2
8 15	......	....	31.3
8 32	30.08	32.2	....
8 43	......	....	30.0
9 10	30.08	31.6	29.4
13 38	30.11	40.9	41.0
11 15 6	30.09	45.1	45.4
16 15	30.06	47.7	47.9
3 11	29.90	38.5	37.3
3 58	......	....	37.0
4 27	......	....	36.1
5 9	......	....	37.0
5 15	29.86	36.7	....
5 30	......	....	36.7
5 47	29.85	36.7	36.0
6 20	......	....	35.0
12 4 2	29.60	49.3	51.9
5 8	29.59	48.9	49.2
5 37	......	....	48.8
6 2	......	....	50.0
6 17	29.58	48.6	51.1

Micrometer bisections are made at II, VI, except as noted below.

3.	Bisections at II, III, IV, V, VI.
5, 6, 16, 19, 22, 25, 39.	Bisections at I, II, VI, VII.
10, 15.	Bisections at II, VI, VII.
17.	Bisections at I, II.
18, 27.	Bisections at VI, VII.
33.	Bisections at I, II, III.
34.	Bisections at V, VI, VII.

Notes.

4-15.	Conditions poor.
5, 6, 22, 35.	Very unsteady; fuzzy.
12, 22-24, 35.	Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+27 1.5	+14 44.1	...	+41 45.6
16	+ 4.3	.. ....	+0.1	+ 4.4
17	+ 7.4	+16 10.7	...	+16 18.1
18	+ 7.3	−16 10.6	...	−16 3.3
19	+ 6.0	.. ....	− 0.1	+ 5.9
33	+21 50.2	+14 47.5	...	+36 37.7
34	+21 24.2	−14 47.5	+0.9	+ 6 37.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	23 H. Camelopardalis	9	30 4.94	− 1.49	+10.21	40 39 59.98	45.685	−14.37	+ 49.2	6 30 13.66	.....	+79 39 45.4	....
2	51 H. Cephei	9	56 40.33	− 5.61	+10.21	48 12 0.61	44.518	−14.37	+1 4.1	6 56 44.93	.....	+87 11 32.4	....
3	λ Ursæ Minoris s. P.	5	15 2.82	+15.92	+10.21	52 0	......	.....	. ....	19 15 28.95	.....	+89 0	....
4	φ Geminorum	9	47 34.09	− 0.35	+10.28	348 1 57.80	45.078	−14.37	− 12.1	7 47 43.95	.....	+27 0 29.3	....
	November 14, Br.												
5	Sun I, N	9	15 39.33	− 0.39	+10.31	303 7 53.05	44.230	−14.14	−1 31.9	15 15 49.25	+68.49	−17 55 14.5	....
6	Sun II, S	9	17 56.31	− 0.39	+10.31	302 35 53.32	43.168	−14.14	−1 33.8	15 18 6.23	−68.49	−18 27 39.9	....
7	μ Pegasi	9	45 17.48	− 0.24	+10.34	345 7 56.78	45.245	−14.92	− 16.0	22 45 27.57	.....	+24 6 27.6	....
8	δ Aquarii	9	49 29.01	− 0.33	+10.26	304 43 52.75	43.810	−14.92	−1 26.9	22 49 39.01	.....	−16 19 20.0	....
9	α Pegasi	9	59 54.15	− 0.24	+10.34	335 43 55.25	44.752	−14.92	− 27.2	23 0 4.24	.....	+14 42 3.7	....
10	π Cephei	9	4 48.22	− 0.97	+10.33	35 53 57.78	44.025	−14.92	+ 43.8	23 4 57.58	.....	+74 53 0.5	....
11	φ Aquarii	9	9 16.61	− 0.28	+10.32	314 27 53.22	47.782	−14.92	−1 1.4	23 9 26.66	.....	− 6 33 23.2	....
12	ψ^3 Aquarii	9	13 53.69	− 0.29	+10.33	310 53 53.68	47.752	−14.92	−1 9.6	23 14 3.73	− 2.48	−10 7 31.7	−16.0
13	κ Piscium	9	21 56.28	− 0.26	+10.33	321 45 54.60	46.720	−14.92	− 47.5	23 22 6.35	.....	+ 0 44 27.7	....
14	39 H. Cephei	9	28 2.89	− 5.07	+10.33	47 47 59.38	44.425	−14.92	+1 6.8	23 28 8.15	.....	+86 47 33.6	....
15	ι^1 Aquarii	9	39 9.12	− 0.34	+10.30	302 13 52.90	47.562	−14.92	−1 35.5	23 39 19.11	.....	−18 48 2.7	....
16	Groombridge 4163	9	50 8.94	− 0.89	+10.33	34 53 57.78	45.208	−14.92	+ 42.3	23 50 18.38	.....	+73 53 26.0	....
17	α Andromedæ	9	3 21.61	− 0.23	+10.32	349 35 56.08	44.868	−14.92	− 11.1	0 3 31.71	.....	+28 34 23.2	....
18	6 B. Ursæ Minoris s. P.	8	13 21.86	+ 9.59	+10.33	52 45 58.68	47.383	−14.92	+1 19.9	12 13 41.78	.....	+88 13 5.1	....
19	12 Ceti	9	25 4.23	− 0.26	+10.30	316 33 54.20	44.195	−14.92	− 57.2	0 25 14.31	.....	− 4 28 40.1	....
20	ζ Cassiopeiæ	9	31 34.86	− 0.34	+10.34	14 23 57.98	45.015	−14.92	+ 15.6	0 31 44.86	.....	+53 22 55.2	....
21	21 Cassiopeiæ	9	39 20.39	− 0.92	+10.34	35 29 57.02	42.942	−14.92	+ 43.3	0 39 29.81	.....	+74 28 34.4	....
22	147 B. Piscium	5	43 16.92	− 0.23	+10.34	325 49 55.02	44.712	−14.92	− 41.1	0 43 27.03	.....	+ 4 47 48.6	....
23	20 Ceti	9	48 2.02	− 0.24	+10.29	319 21 54.58	47.452	−14.92	− 51.9	0 48 12.12	.....	− 1 39 20.0	....
24	α Sculptoris	9	53 54.62	− 0.40	+10.34	291 11 54.18	44.690	−14.92	−2 35.0	0 54 4.56	.....	−29 52 6.5	....
25	ε Piscium	9	57 53.68	− 0.22	+10.35	328 23 54.18	47.775	−14.92	− 37.2	0 58 3.80	.....	+ 7 23 1.7	....
26	μ Cassiopeiæ	9	1 51.85	− 0.34	+10.34	15 27 57.38	46.900	−14.92	+ 16.9	1 2 1.85	.....	+54 27 39.0	....
27	τ Piscium	9	6 19.06	− 0.22	+10.34	350 35 57.30	47.635	−14.92	− 10.0	1 6 29.17	− 3.61	+29 35 28.7	−20.5
	November 14, Bs.												
28	Moon II, S	7	45 59.84	− 0.13	+10.60	339 33 56.42	45.140	−14.94	− 22.7	5 46 10.31	−65.81	+18 32 18.9	....
29	Neptune C, C	9	43 37.17	− 0.15	+10.61	343 7 55.35	44.265	−14.94	− 18.5	6 43 47.63	.....	+22 6 1.2	....
30	θ Canis Majoris	8	49 38.92	− 0.20	+10.63	309 7 54.60	43.612	−14.94	−1 14.9	6 49 49.33	.....	−11 55 10.7	....
31	ζ Geminorum	9	58 21.28	− 0.15	+10.58	341 43 55.05	45.430	−14.94	− 20.1	6 58 31.74	.....	+20 42 26.0	....
32	45 Geminorum	9	2 47.73	− 0.14	+10.61	337 5 55.62	46.678	−14.94	− 25.7	7 2 58.20	− 3.05	+16 4 49.5	+10.6
33	18 Lyncis	9	7 31.81	− 0.41	+10.61	20 49 57.10	42.562	−14.94	+ 23.3	7 7 42.01	− 4.76	+59 48 5.7	+22.4
34	λ Geminorum	9	12 30.62	− 0.14	+10.62	337 43 55.68	45.970	−14.94	− 25.0	7 12 41.09	.....	+16 42 34.1	....
35	ι Geminorum	9	19 42.38	− 0.16	+10.65	348 59 57.68	46.490	−14.94	− 11.8	7 19 52.83	.....	+27 59 1.2	....
36	6 Canis Minoris	9	24 22.96	− 0.15	+10.61	333 13 55.22	44.888	−14.94	− 30.8	7 24 33.42	− 2.87	+12 12 3.1	+10.6
37	υ Geminorum	9	29 56.88	− 0.16	+10.61	348 7 55.82	44.490	−14.94	− 12.8	7 30 7.33	− 3.14	+27 6 12.6	+15.2
38	l Puppis	9	39 51.82	− 0.30	+10.61	292 19 52.42	45.672	−14.94	−2 27.5	7 40 2.13	− 2.43	−28 43 38.3	− 0.1
39	4 B. Ursæ Minoris	9	4 21.56	−17.84	+10.61	49 55 59.08	41.837	−14.94	+1 12.7	8 4 14.33	.....	+88 54 39.2	....
40	30 Monocerotis	9	20 46.82	− 0.17	+10.65	317 25 54.02	46.230	−14.94	− 56.0	8 20 57.26	.....	− 3 35 52.6	....
41	27 B. Ursæ Majoris	9	32 8.18	− 0.32	+10.61	14 3 55.08	43.490	−14.94	+ 15.4	8 32 18.47	− 3.10	+53 2 17.1	+26.4
42	β Pyxidis	9	36 14.93	− 0.36	+10.61	286 5 52.05	46.735	−14.94	−3 28.4	8 36 25.18	− 2.19	−34 58 15.3	− 0.8
43	ι Cancri	9	40 49.14	− 0.17	+10.68	350 7 53.72	44.342	−14.94	− 10.6	8 40 59.58	.....	+29 6 9.3	....
44	76 Draconis s. P.	9	49 13.73	+ 2.88	+10.61	58 47 56.42	45.849	−14.94	+1 41.0	20 49 27.22	.....	+82 11 21.3	....
45	κ Cancri	9	2 27.96	− 0.15	+10.65	332 3 53.05	47.165	−14.94	− 32.3	9 2 38.42	.....	+11 2 51.5	....
46	Venus II, S	8	56 59.87	− 0.18	+10.64	310 41 53.88	44.884	−15.67	−1 8.6	13 57 10.33	− 0.38	−10 20 36.7	....
	November 15, Bs.												
47	Sun I, S	9	19 45.15	− 0.22	+10.65	302 19 53.75	44.610	−15.86	−1 32.4	15 19 55.58	+68.48	−18 43 7.3	....
48	Sun II, N	9	22 2.10	− 0.22	+10.65	302 51 53.40	45.410	−15.86	−1 30.6	15 22 12.53	−68.47	−18 10 47.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 6 36	......	....	51.0
7 8	......	....	49.9
7 30	29.58	47.7	48.9
8 3	29.57	47.7	49.7
14 15 18	29.80	33.9	29.9
22 41	29.805	31.0	28.2
23 31	......	....	27.7
23 44	29.81	29.5	....
0 8	......	....	27.1
0 36	......	....	27.0
1 9	29.81	27.9	26.2
5 46	29.75	24.3	22.1
6 44	29.74	23.5	21.8
7 30	......	....	22.0
8 4	29.735	23.5	22.0
9 2	29.73	23.0	21.6
13 57	29.64	35.2	35.3
15 15 22	29.58	37.5	37.9

Micrometer bisections are made at II, VI, except as noted below.

1, 29, 46.	Bisections at I, II, VI, VII.
5, 12, 28, 47.	Bisections at I, II.
6, 11, 17, 22, 48.	Bisections at VI, VII.
10, 14, 16, 20, 21, 26.	Bisections at III, V.
18.	Bisections at b_2, b_5, b_8.
39.	Bisections at III, IV, V.
44	Bisections at II, III, IV, V, VI.

Notes.

2. Microscopes read at beginning and end of observation.
7. Micrometer reading increased 1 rev.
26, 27. Haze.
48. Circle reading increased 18′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 7.4	−16 12.7	...	−16 5.3
6	+ 7.5	+16 12.6	...	+16 20.1
28	+18 55.8	+14 59.4	...	+33 55.2
29	+ 0.1	.. ....	...	+ 0.1
46	+ 4.3	+ 5.6	...	+ 9.9
47	+ 7.5	+16 10.0	...	+16 17.5
48	+ 7.4	−16 10.1	...	−16 2.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	November 16, Br.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon II, S.	9	34 48.78	− 0.31	+10.53	339 21 56.95	43.043	−16.85	− 22.1	7 34 59.00	−67.02	+18 19 29.5	....
2	β Geminorum	9	39 23.16	− 0.31	+10.52	349 15 57.65	46.775	−16.85	− 11.1	7 39 33.38	.....	+28 15 6.4	....
3	φ Geminorum	9	47 33.88	− 0.30	+10.57	348 1 58.95	45.095	−16.85	− 12.4	7 47 44.11	.....	+27 0 28.0	....
4	1 Cancri	9	51 28.52	− 0.30	+10.53	337 3 56.20	45.740	−16.85	− 24.8	7 51 38.75	.....	+16 2 27.7	....
5	3 Cancri	9	55 13.31	− 0.30	+10.53	338 35 56.92	44.260	−16.85	− 23.0	7 55 23.54	− 2.82	+17 33 56.3	+14.0
6	4 B. Ursæ Minoris	5	4 29.70	−15.99	+10.53	49 56 1.30	41.933	−16.85	+1 10.0	8 4 24.24	.....	+88 54 40.0	....
7	χ Cancri	9	14 10.38	− 0.30	+10.53	348 33 57.75	41.925	−16.85	− 11.9	8 14 20.61	− 2.82	+27 31 14.9	+18.1
8	30 Monocerotis	9	20 47.17	− 0.34	+10.53	317 25 56.08	46.098	−16.85	− 53.9	8 20 57.36	.....	− 3 35 53.3	....
9	Groombridge 1418.	6	26 48.20	− 3.68	+10.53	46 24 0.38	43.123	−16.85	+1 1.9	8 26 55.05	−12.44	+85 22 58.6	+32.4
10	β Pyxidis	9	36 15.42	− 0.56	+10.53	286 5 55.25	46.272	−16.85	−3 20.6	8 36 25.39	− 2.25	−34 58 16.8	− 0.4
11	ι Cancri	9	40 49.45	− 0.31	+10.58	350 7 56.68	44.232	−16.85	− 10.2	8 40 59.67	.....	+29 6 8.2	....
12	76 Draconis s. p.	6	49 14.90	+ 2.38	+10.53	58 47 59.25	46.065	−16.85	+1 37.2	20 49 27.81	.....	+82 11 19.5	....
13	κ Cancri	9	2 28.33	− 0.30	+10.49	332 3 56.70	46.978	−16.85	− 31.1	9 2 38.56	.....	+11 2 50.2	....
14	36 Lyncis	9	7 28.00	− 0.36	+10.53	4 37 58.95	43.660	−16.85	+ 4.8	9 7 38.17	− 2.52	+43 36 12.5	+25.1
15	83 Cancri	9	13 32.89	− 0.30	+10.55	339 7 56.18	45.030	−16.85	− 22.4	9 13 43.12	.....	+18 6 13.8	....
16	28 Hydræ	9	20 31.16	− 0.34	+10.53	316 19 54.78	44.420	−16.85	− 56.1	9 20 41.35	− 2.15	− 4 42 35.2	+ 8.8
17	10 Leonis Minoris	9	28 16.50	− 0.33	+10.53	357 49 57.92	45.625	−16.85	− 2.2	9 28 26.70	.....	+36 48 49.3	....
18	ι Hydræ	9	34 52.24	− 0.33	+10.53	320 19 55.88	43.395	−16.85	− 48.8	9 35 2.44	− 2.08	− 0 42 50.2	+10.2
19	ε Leonis	9	40 19.57	− 0.30	+10.48	345 13 57.52	45.190	−16.85	− 15.5	9 40 29.80	.....	+24 12 25.7	....
20	μ Leonis	9	47 13.53	− 0.30	+10.53	347 27 57.25	46.520	−16.85	− 13.0	9 47 23.76	.....	+26 26 58.3	....
21	ν Leonis	9	52 58.59	− 0.30	+10.53	333 55 56.52	43.772	−16.85	− 28.8	9 53 8.82	− 1.97	+12 53 39.0	+15.1
22	Venus II, C	9	6 30.81	− 0.37	+10.51	309 47 54.30	47.295	−16.57	−1 9.8	14 6 40.95	− 0.38	−11 13 43.3	....
	November 17, Br.												
23	Sun I, S.	9	27 59.97	− 0.39	+10.51	301 49 53.45	44.202	−16.59	−1 32.8	15 28 10.09	+68.77	−19 13 18.1	....
24	Sun II, N	9	30 17.52	− 0.39	+10.51	302 21 53.60	45.210	−16.59	−1 30.9	15 30 27.64	−68.78	−18 40 52.5	....
25	Mercury C, C.	9	50 33.00	− 0.42	+10.52	296 5 54.70	44.690	−15.71	−1 56.4	16 50 43.10	+ 0.03	−24 57 28.1	....
26	δ Aquarii	9	49 28.91	− 0.42	+10.41	304 43 54.52	43.575	−15.42	−1 23.1	22 49 38.99	.....	−16 19 20.3	....
27	β Pegasi	9	59 2.52	− 0.33	+10.50	348 35 58.45	45.182	−15.42	− 11.6	22 59 12.69	.....	+27 34 31.7	....
28	5 Andromedæ	9	3 19.26	− 0.40	+10.50	9 47 58.52	46.170	−15.42	+ 10.1	23 3 29.36	− 2.99	+48 47 16.1	−32 0
29	φ Aquarii	9	9 16.47	− 0.37	+10.52	314 29 54.98	42.352	−15.42	− 58.8	23 9 26.60	.....	− 6 33 23.5	....
30	γ Sculptoris	9	13 34.26	− 0.56	+10.50	288 1 55.18	43.538	−15.42	−2 55.5	23 13 44.20	.....	−33 2 52.8	....
31	κ Piscium	9	21 56.17	− 0.35	+10.50	321 45 55.68	46.602	−15.42	− 45.5	23 22 6.32	.....	+ 0 44 27.6	....
32	72 Pegasi	8	29 7.03	− 0.33	+10.50	351 49 58.42	45.065	−15.42	− 8.3	23 29 17.20	.....	+30 48 32.3	....
33	γ Cephei	9	35 24.02	− 1.17	+10.50	38 7 59.40	43.150	−15.42	+ 45.5	23 35 33.35	.....	+77 6 43.2	....
34	19 Piscium	9	41 24.74	− 0.34	+10.50	323 59 56.70	44.985	−15.42	− 42.0	23 41 34.90	− 2.66	+ 2 57 55.2	−19.3
35	φ Pegasi	9	47 31.97	− 0.32	+10.44	339 37 56.62	44.228	−15.42	− 21.5	23 47 42.15	.....	+18 35 58.2	....
36	ω Piscium	9	54 18.56	− 0.34	+10.52	327 21 54.98	46.545	−15.42	− 37.0	23 54 28.72	.....	+ 6 20 34.1	....
37	128 H^1. Camelopardalis s. p.	6	59 27.38	+ 4.15	+10.50	54 52 0.20	49.382	−15.42	+1 22.4	11 59 42.03	+16.24	+86 6 16.2	+29.6
38	4 H. Draconis s. p.	.	.. ..	.....	.....	62 52 0.60	43.145	−15.42	+1 52.9	12 8	.....	+78 8 8.0	....
39	44 Piscium	9	20 24.64	− 0.35	+10.51	322 27 55.82	43.020	−15.42	− 44.4	0 20 34.79	.....	+ 1 25 7.0	....
40	12 Ceti	9	25 4.09	− 0.37	+10.52	316 33 55.58	44.060	−15.42	− 54.7	0 25 14.22	.....	− 4 28 39.8	....
41	73 G. Ceti	9	39 55.08	− 0.47	+10.50	298 31 55.08	44.028	−15.42	−1 46.0	0 40 5.11	− 2.71	−22 31 32.2	−10.3
42	δ Piscium	9	43 38.04	− 0.33	+10.49	328 5 56.28	45.980	−15.42	− 36.0	0 43 48.21	.....	+ 7 4 23.5	....
43	ε Piscium	9	57 53.59	− 0.33	+10.54	328 25 55.40	42.400	−15.42	− 35.5	0 58 3.76	.....	+ 7 23 1.3	....
44	η Ceti	9	3 41.51	− 0.39	+10.50	310 21 54.95	43.968	−15.42	−1 8.0	1 3 51.62	.....	−10 40 55.8	....
45	ζ^1 Piscium	9	8 38.94	− 0.33	+10.57	328 7 54.98	41.485	−15.42	− 36.0	1 8 49.11	.....	+ 7 4 39.5	....
46	υ Piscium	6	14 7.95	− 0.32	+10.49	347 47 57.70	44.508	−15.42	− 12.5	1 14 18.13	.....	+26 46 14.7	....
	November 20, Br.												
47	β Pyxidis	9	36 15.20	− 0.46	+10.75	286 5 54.88	46.682	−16.68	−3 29.2	8 36 25.49	− 2.38	−34 58 16.1	+ 0.3
48	ι Cancri	9	40 49.22	− 0.20	+10.84	350 7 56.98	44.252	−16.68	− 10.6	8 40 59.77	.....	+29 6 8.7	....
49	76 Draconis s. p.	9	49 14.02	+ 2.43	+10.75	58 47 58.85	45.853	−16.68	+1 41.4	20 49 27.20	.....	+82 11 20.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 7 29	29.63	40.0	39.2
8 11	....	....	38.0
8 33	29.645	39.0	....
8 39	....	....	38.1
9 11	....	....	38.3
9 17	....	....	38.2
9 35	....	....	38.1
9 55	29.68	38.9	38.1
14 7	29.76	44.3	44.0
17 15 30	29.755	47.9	48.0
16 51	29.72	50.5	51.4
22 46	29.64	47.2	46.2
23 16	....	....	45.9
23 45	....	....	45.1
23 51	29.62	46.3	....
0 28	....	....	45.0
0 56	....	....	45.0
1 17	29.60	45.8	44.9
20 8 34	30.27	30.7	28.2

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at II, III, IV, V, VI.
3, 4, 8, 23, 27, 29, 41.	Bisections at I, II.
6.	Bisections at b_3, b_5, b_8.
9.	Bisections at b_1, b_3, b_8.
12, 14, 28, 33.	Bisections at III, V.
22, 25.	Bisections at I, II, VI, VII.
24, 36, 44, 46, 47, 48.	Bisections at VI, VII.
37.	Bisections at b_1, b_4, b_6.
38.	Bisections at b_2, b_7.
49.	Bisections at III, IV, V.

Notes.

1–4, 8.	Clouds.
10, 38.	Diffuse.
12.	Right ascension observed eye and ear.
28.	Faint; haze.
29, 38.	Unsteady.
30.	Woolly; unsteady.
33.	Faint.
47.	Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+19 28.6	+15 16.0	...	+34 44.6
22	+ 4.4	.. ....	+0.1	+ 4.5
23	+ 7.5	+16 12.8	...	+16 20.3
24	+ 7.5	−16 12.8	...	−16 5.3
25	+ 6.5	.. ....	−0.1	+ 6.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	44 B. Ursæ Majoris	9	56 55.81	− 0.33	+10.75	15 39 57.78	45.420	−16.68	+ 17.3	8 57 6.23	− 3.08	+54 39 4.2	+28.1
2	κ Cancri	9	2 28.09	− 0.20	+10.76	332 3 55.65	47.035	−16.68	− 32.5	9 2 38.64	.....	+11 2 49.2	....
3	36 Lyncis	9	7 27.83	− 0.25	+10.75	4 37 57.85	43.645	−16.68	+ 5.0	9 7 38.33	− 2.70	+43 36 11.4	+25.4
4	83 Cancri	9	13 32.69	− 0.20	+10.78	339 7 55.70	45.068	−16.68	− 23.4	9 13 43.24	.....	+18 6 13.4	....
5	28 Hydræ	9	20 30.85	− 0.24	+10.75	316 19 53.55	44.525	−16.68	− 58.5	9 20 41.36	− 2.27	− 4 42 36.2	+ 9.4
6	10 Leonis Minoris	9	28 16.28	− 0.22	+10.75	357 49 57.28	45.588	−16.68	− 2.3	9 28 26.81	.....	+36 48 47.9	....
7	ι Hydræ	9	34 52.00	− 0.23	+10.75	320 19 56.08	43.465	−16.68	− 50.9	9 35 2.52	− 2.20	− 0 42 50.3	+10.9
8	ε Leonis	9	40 19.35	− 0.20	+10.74	345 13 56.70	45.198	−16.68	− 16.2	9 40 29.91	.....	+24 12 24.5	....
9	μ Leonis	9	47 13.43	− 0.20	+10.67	347 27 56.92	46.525	−16.68	− 13.6	9 47 23.99	.....	+26 26 57.7	....
10	ν Leonis	9	52 58.42	− 0.20	+10.76	333 55 55.90	43.855	−16.68	− 30.1	9 53 8.98	− 2.10	+12 53 39.2	+15.8
11	η Leonis	9	2 0.80	− 0.20	+10.68	338 15 56.88	42.650	−16.68	− 24.5	10 2 11.36	.....	+17 13 18.2	....
12	λ Hydræ	9	5 48.93	− 0.27	+10.79	309 9 54.35	43.750	−16.68	−1 15.4	10 5 59.42	.....	−11 53 10.0	....
13	32 Ursæ Majoris	9	11 0.33	− 0.52	+10.76	26 35 58.62	43.175	−16.68	+ 30.9	10 11 10.57	.....	+65 34 27.3	....
14	μ Hydræ	8	21 21.22	− 0.30	+10.78	304 41 54.10	44.308	−16.68	−1 28.6	10 21 31.68	.....	−16 21 10.7	....
15	Moon II, S.	9	15 50.79	− 0.22	+10.76	327 5 55.40	45.537	−16.68	− 39.9	11 16 1.33	−67.40	+ 6 4 7.4	....
16	Venus II, C.	9	25 43.51	− 0.26	+10.79	308 5 54.52	44.301	−15.94	−1 17.0	14 25 54.04	− 0.37	−12 56 58.1	....
	November 21, Br.												
17	Sun I, N.	9	44 39.11	− 0.31	+10.79	301 25 55.22	45.298	−15.79	−1 38.0	15 44 49.59	+69.24	−19 36 55.6	....
18	Sun II, S.	9	46 57.59	− 0.31	+10.79	300 53 54.90	44.138	−15.79	−1 40.1	15 47 8.07	−69.24	−20 9 24.2	....
19	Mercury C, C.	9	13 35.97	− 0.35	+10.79	295 29 55.50	44.462	−15.55	−2 4.6	17 13 46.41	+ 0.05	−25 33 40.6	....
20	15 Andromedæ	9	29 50.97	− 0.25	+10.83	0 43 59.70	46.555	−16.86	+ 0.8	23 30 1.55	− 3.01	+39 43 15.2	−29.4
21	μ Sculptoris	9	35 31.26	− 0.43	+10.83	288 27 55.90	46.572	−16.86	−2 58.5	23 35 41.66	− 2.39	−32 35 47.1	− 7.7
22	i^1 Aquarii	9	39 8.51	− 0.32	+10.81	302 15 56.78	42.202	−16.86	−1 35.3	23 39 19.02	.....	−18 48 3.0	....
23	19 Piscium	9	41 24.29	− 0.22	+10.83	323 59 57.90	45.052	−16.86	− 43.8	23 41 34.90	− 2.62	+ 2 57 54.7	−19.1
24	25 Piscium	9	48 4.93	− 0.23	+10.83	322 35 57.90	45.545	−16.86	− 46.1	23 48 15.53	− 2.64	+ 1 34 3.6	−18.4
25	ω Piscium	9	54 18.10	− 0.22	+10.82	327 21 56.25	46.612	−16.86	− 38.6	23 54 28.71	.....	+ 6 20 33.9	....
26	128 H^1. Camelopardalis s. P.	7	59 27.86	+ 4.80	+10.83	54 54 1.68	43.972	−16.86	+1 26.0	11 59 43.49	+15.05	+86 6 16.1	+30.6
27	γ Pegasi	9	8 12.86	− 0.20	+10.83	335 41 57.65	43.752	−16.86	− 27.2	0 8 23.49	.....	+14 39 41.3	....
28	5 B. Ursæ Minoris s. P.	6	13 26.20	+ 6.08	+10.83	54 2 1.85	46.637	−16.86	+1 23.4	12 13 43.11	+22.17	+86 57 17.8	+29.6
29	10 Ceti	9	21 37.28	− 0.24	+10.83	320 27 56.80	44.900	−16.86	− 49.8	0 21 47.87	− 2.79	− 0 34 15.9	−16.6
30	49 G. Ceti	9	25 29.94	− 0.36	+10.84	296 43 55.82	47.045	−16.86	−1 59.3	0 25 40.42	− 2.62	−24 18 37.2	− 9.5
31	82 B. Ceti	9	32 20.34	− 0.37	+10.84	295 45 55.12	45.638	−16.86	−2 4.4	0 32 30.81	.....	−25 17 15.2	....
32	β Ceti	9	38 41.58	− 0.32	+10.78	302 31 56.28	46.792	−16.86	−1 34.4	0 38 52.10	.....	−18 30 17.7	....
33	δ Piscium	9	43 37.59	− 0.22	+10.80	328 5 57.05	46.062	−16.86	− 37.6	0 43 48.21	.....	+ 7 4 23.1	....
34	γ Cassiopeiæ	9	50 52.82	− 0.43	+10.84	21 14 0.82	43.865	−16.86	+ 23.6	0 51 3.23	.....	+60 12 37.8	....
35	ε Piscium	9	57 53.17	− 0.22	+10.83	328 25 56.82	42.455	−16.86	− 37.1	0 58 3.79	.....	+ 7 23 0.9	....
36	η Ceti	9	3 41.09	− 0.27	+10.84	310 21 55.85	44.095	−16.86	−1 11.0	1 3 51.66	.....	−10 40 56.4	....
37	ζ^1 Piscium	9	8 38.52	− 0.22	+10.86	328 7 55.60	41.565	−16.86	− 37.6	1 8 49.14	.....	+ 7 4 38.9	....
38	υ Piscium	9	14 7.49	− 0.21	+10.82	347 47 58.32	44.555	−16.86	− 13.0	1 14 18.12	.....	+26 46 14.5	....
39	δ Cassiopeiæ	9	19 30.70	− 0.42	+10.84	20 45 59.55	44.722	−16.86	+ 23.0	1 19 41.12	.....	+59 44 55.5	....
40	38 Cassiopeiæ	9	24 6.03	− 0.69	+10.84	30 48 0.98	44.205	−16.86	+ 36.1	1 24 16.18	.....	+69 46 58.2	....
41	ν Piscium	9	36 21.85	− 0.22	+10.75	326 1 57.00	46.945	−16.86	− 40.6	1 36 32.47	.....	+ 5 0 40.2	....
42	ε Sculptoris	9	41 4.23	− 0.37	+10.84	295 31 56.22	44.988	−16.86	−2 5.8	1 41 14.70	.....	−25 31 30.4	....
43	ε Cassiopeiæ	9	47 29.01	− 0.49	+10.84	24 14 0.70	43.450	−16.86	+ 27.3	1 47 39.36	.....	+63 12 31.9	....
44	υ Ceti	9	55 24.26	− 0.34	+10.84	299 31 56.35	42.462	−16.86	−1 46.3	1 55 34.76	.....	−21 32 8.5	....
45	α Arietis	9	1 42.02	− 0.21	+10.83	344 3 58.70	41.692	−16.86	− 17.2	2 1 52.65	.....	+23 1 5.2	....
	November 21, Bs.												
46	63 Aurigæ	9	5 0.29	− 0.24	+11.11	0 29 59.58	44.082	−17.06	+ 0.6	7 5 11.16	.....	+39 28 18.3	....
47	ι Geminorum	9	19 42.14	− 0.21	+11.16	348 59 59.45	46.470	−17.06	− 11.8	7 19 53.04	.....	+27 59 0.4	....
48	6 Canis Minoris	9	24 22.72	− 0.20	+11.11	333 13 57.55	44.825	−17.06	− 30.7	7 24 33.63	− 3.07	+12 12 2.0	+11.3
49	24 Lyncis	9	34 52.28	− 0.40	+11.11	19 56 0.08	46.582	−17.06	+ 22.2	7 35 2.99	.....	+58 55 37.4	....
50	κ Geminorum	9	38 35.08	− 0.20	+11.20	345 37 58.70	47.535	−17.06	− 15.5	7 38 45.99	.....	+24 37 20.2	....
51	β Cancri	9	11 13.78	− 0.20	+11.07	330 29 57.50	46.302	−17.06	− 34.4	8 11 24.69	.....	+ 9 28 32.0	....
52	30 Monocerotis	9	20 46.57	− 0.23	+11.17	317 25 58.20	46.102	−17.06	− 55.8	8 20 57.45	.....	− 3 35 53.2	....
53	θ Cancri	9	26 2.72	− 0.20	+11.11	339 25 58.48	46.228	−17.06	− 22.8	8 26 13.63	− 2.78	+18 24 42.9	+16.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 9 1	......	....	28.0
9 35	30.28	29.0	27.2
10 6	......	....	27.0
10 21	30.29	28.0	26.9
11 16	30.325	27.6	26.0
14 26	30.37	37.0	36.0
21 15 47	30.37	39.6	38.9
17 14	30.34	42.0	41.1
23 23	30.35	37.4	36.9
23 50	......	....	37.0
0 30	30.35	37.0	36.2
1 25	......	....	36.0
2 2	30.33	36.0	35.9
7 5	30.30	32.9	32.0
7 39	......	....	31.9
8 11	30.28	31.8	31.7

Micrometer bisections are made at II, VI, except as noted below.

1, 3, 13, 34, 39, 40, 43.	Bisections at III, V.
11, 17, 21, 27.	Bisections at I, II.
14, 18, 20, 30, 31.	Bisections at VI, VII.
15.	Bisections at II, III, IV, V, VI.
16, 19.	Bisections at I, II, VI, VII.
26.	Bisections at b_2, b_8.
28.	Bisections at b_3, b_5, b_7.

Notes.

11.	Very faint.
14.	Diffuse and unsteady.
20–45.	Conditions poor, especially at first.
20.	Observed head north.
30, 31.	Very unsteady.
42.	Faint; clouds.
46–53.	Conditions very poor; fuzzy.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+31 48.4	+16 6.4	...	+47 54.8
16	+ 4.5	.. ....	0.0	+ 4.5
17	+ 7.6	−16 14.3	...	−16 6.7
18	+ 7.6	+16 14.3	...	+16 21.9
19	+ 6.9	.. ....	− 0.1	+ 6.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Cancri	9	39 9.01	− 0.20	+11.19	339 31 58.78	44.280	−17.06	− 22.7	8 39 19.92	.....	+18 29 58.8	....
2	Moon II, S.	9	11 50.04	− 0.22	+11.13	322 13 57.10	45.026	−16.94	− 46.8	12 12 0.95	−67.91	+ 1 11 50.3	....
3	Venus II, S.	9	30 34.19	− 0.27	+11.14	307 39 57.22	46.405	−16.94	−1 16.8	14 30 45.06	− 0.37	−13 22 8.1	....
	November 22, Bs.												
4	Mercury C, C.	8	19 6.19	− 0.36	+11.15	295 23 58.45	45.406	−16.01	−2 2.0	17 19 16.98	+ 0.05	−25 39 13.9	....
5	Groombridge 4163.	9	50 7.14	− 0.94	+11.18	34 54 1.45	45.242	−16.17	+ 41.6	23 50 17.38	.....	+73 53 28.1	....
6	α Andromedæ	8	3 20.65	− 0.26	+11.23	349 35 59.72	44.770	−16.17	− 10.9	0 3 31.57	.....	+28 34 23.6	....
7	6 B. Ursæ Minoris s. p.	9	13 19.78	+ 9.89	+11.18	52 46 1.20	47.463	−16.17	+1 18.4	12 13 40.85	.....	+88 13 3.1	....
8	12 Ceti	9	25 3.29	− 0.28	+11.20	316 33 57.78	44.055	−16.17	− 56.2	0 25 14.19	.....	− 4 28 39.9	....
9	π Andromedæ	9	31 40.76	− 0.26	+11.18	354 14 0.52	44.110	−16.17	− 6.0	0 31 51.68	.....	+33 12 14.2	....
10	21 Cassiopeiæ	9	39 18.58	− 0.97	+11.18	35 30 0.72	43.012	−16.17	+ 42.6	0 39 28.79	.....	+74 28 37.4	....
11	147 B. Piscium	9	43 16.03	− 0.26	+11.18	325 49 58.28	44.612	−16.17	− 40.4	0 43 26.95	.....	+ 4 47 49.1	....
12	20 Ceti	9	48 1.21	− 0.27	+11.08	319 21 57.75	47.328	−16.17	− 51.0	0 48 12.12	.....	− 1 39 20.0	....
13	43 H. Cephei	9	55 54.00	− 3.92	+11.18	46 45 57.25	43.930	−16.17	+1 3.5	0 56 1.26	.....	+85 45 16.0	....
14	f Piscium	9	12 46.10	− 0.25	+11.18	324 9 58.10	42.958	−16.17	− 43.0	1 12 57.03	.....	+ 3 7 8.5	....
15	ξ Andromedæ	9	16 37.96	− 0.30	+11.18	6 4 1.20	43.692	−16.17	+ 6.4	1 16 48.84	− 4.23	+45 2 17.6	−22.6
16	π Piscium	9	31 56.06	− 0.24	+11.12	332 41 58.28	43.740	−16.17	− 30.7	1 32 7.00	.....	+11 39 38.8	....
17	ω Cassiopeiæ	9	35 13.79	− 0.63	+11.18	28 34 2.02	47.422	−16.17	+ 32.6	1 35 24.34	.....	+67 34 9.7	....
18	o Piscium	9	40 14.93	− 0.24	+11.14	329 41 58.20	47.620	−16.17	− 34.8	1 40 25.87	.....	+ 8 41 3.3	....
19	i Draconis s. p.	9	48 24.53	+ 0.94	+11.18	75 46 3.20	45.518	−16.17	+3 52.5	13 48 36.65	+ 2.43	+65 11 12.0	+17.1
20	υ Ceti	9	55 23.91	− 0.36	+11.18	209 31 57.20	42.345	−16.17	−1 44.8	1 55 34.73	.....	−21 32 8.1	....
21	α Draconis s. p.	9	1 34.05	+ 0.93	+11.18	76 8 3.08	44.502	−16.17	+3 58.4	14 1 46.16	.....	+64 49 29.5	....
22	ξ¹ Ceti	9	7 50.31	− 0.24	+11.10	329 25 57.45	45.752	−16.17	− 35.1	2 8 1.25	.....	+ 8 24 19.6	....
23	o Ceti	9	14 25.10	− 0.26	+11.18	317 37 57.22	44.885	−16.17	− 54.2	2 14 36.02	.....	− 3 24 19.5	....
24	ρ Ceti	9	21 13.89	− 0.30	+11.18	308 19 57.32	44.130	−16.17	−1 15.1	2 21 24.77	− 3.07	−12 42 57.5	− 8.4
	November 22, Hl.												
25	Neptune C, C.	9	42 58.54	− 0.27	+10.94	343 7 58.85	45.692	−16.32	− 18.3	6 43 9.21	.....	+22 6 36.2	....
26	υ Draconis s. p.	9	55 18.53	+ 1.23	+10.95	69 48 2.10	44.855	−16.32	+2 43.5	18 55 30.71	+ 3.23	+71 10 37.1	−24.7
27	55 Draconis s. p.	9	9 10.87	+ 1.04	+10.95	75 8 2.95	44.886	−16.32	+3 45.3	19 9 22.86	+ 1.72	+65 49 33.9	−26.0
28	ι Geminorum	9	19 42.41	− 0.28	+10.99	349 0 0.05	46.440	−16.32	− 11.7	7 19 53.08	.....	+27 59 1.1	....
29	n¹ Puppis	9	30 9.95	− 0.39	+10.95	297 45 55.72	48.428	−16.32	−1 54.1	7 30 20.51	− 2.72	−23 16 0.0	+ 2.6
30	κ Geminorum	9	38 35.39	− 0.27	+10.99	345 37 59.50	47.505	−16.32	− 15.4	7 38 46.07	.....	+24 37 21.2	....
31	φ Geminorum	9	47 33.65	− 0.27	+10.97	348 1 59.95	45.080	−16.32	− 12.8	7 47 44.33	.....	+27 0 28.8	....
32	χ Geminorum	9	57 33.58	− 0.27	+11.02	349 3 59.30	47.508	−16.32	− 11.6	7 57 44.26	.....	+28 3 24.9	....
33	γ Pyxidis	9	46 21.99	− 0.40	+10.95	293 41 57.62	45.445	−16.32	−2 17.0	8 46 32.54	− 2.43	−27 21 29.2	+ 2.6
34	α Cancri	9	53 9.46	− 0.24	+10.95	333 15 58.02	42.908	−16.32	− 30.5	8 53 20.17	.....	+12 13 19.6	....
35	ω Hydræ	9	0 50.16	− 0.25	+10.95	326 29 56.08	45.508	−16.32	− 40.0	9 1 0.86	− 2.48	+ 5 28 7.6	+12.8
36	θ Hydræ	9	9 17.09	− 0.26	+11.01	323 45 57.50	42.005	−16.32	− 44.4	9 9 27.78	.....	+ 2 42 44.6	....
37	38 Lyncis	9	12 48.12	− 0.29	+10.95	358 14 0.48	43.170	−16.32	− 1.8	9 12 58.78	− 2.63	+37 11 56.7	+23.8
38	α Hydræ	9	22 46.87	− 0.28	+10.92	312 47 57.28	43.838	−16.32	−1 5.3	9 22 57.54	.....	− 8 14 54.6	....
39	160 G. Hydræ	9	28 41.72	− 0.35	+10.95	300 21 56.60	43.268	−16.32	−1 43.0	9 28 52.32	− 2.27	−20 41 46.0	+ 4.6
40	υ Ursæ Majoris	9	44 6.49	− 0.51	+10.95	20 30 0.70	43.957	−16.32	+ 22.7	9 44 16.93	.....	+59 28 39.1	....
41	158 B. Cephei s. p.	9	51 29.98	+ 1.43	+10.95	67 44 1.98	42.602	−16.32	+2 27.5	21 51 42.36	.....	+73 15 44.9	....
42	Moon II	9	9 2.92	− 0.22	+10.94	317 24 ...	.....	....	. ....	13 9 13.64	−68.80	.. ..	....
43	Venus II, C.	9	35 26.23	− 0.27	+10.95	307 15 56.72	44.624	−15.56	−1 17.0	14 35 36.91	− 0.37	−13 46 48.1	....
	November 23, Hl.												
44	Sun I, S.	9	53 3.78	− 0.34	+10.95	300 27 54.12	44.242	−15.54	−1 38.3	15 53 14.39	+69.53	−20 35 20.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 8 33	30.28	32.1	31.8
12 12	30.32	34.9	35.1
14 31	30.33	43.4	43.7
22 17 19	30.26	50.2	52.1
23 50	30.155	41.7	41.1
0 15	....	....	40.8
0 56	30.145	40.2	39.9
1 17	....	....	39.4
1 48	30.145	40.1	39.4
2 14	30.14	39.4	40.0
6 35	30.10	34.7	32.9
7 1	....	....	32.8
7 15	....	....	32.3
7 27	....	....	32.5
7 43	....	....	32.7
7 54	30.095	33.7	32.0
8 41	30.095	32.8	31.0
8 57	....	....	31.3
9 19	....	....	31.2
9 34	....	....	31.6
9 58	30.10	32.1	31.0
14 35	30.16	46.4	47.3

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at II, III, IV, V, VI.
3, 4, 25, 26, 27, 43.	Bisections at I, II, VI, VII.
7, 13.	Bisections at III, IV, V.
40.	Bisections at II, VI, VII.
44.	Bisections at I, II.

Notes.

1. Conditions very poor.
26. Unsteady.
33. Unsteady; fuzzy.
36. Faint.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
2	+36 23.7	+16 19.6	...	+52 43.3
3	+ 4.4	+ 5.5	...	+ 9.9
4	+ 7.1	.. ....	− 0.1	+ 7.0
25	+ 0.1	.. ....	...	+ 0.1
43	+ 4.4	.. ....	0.0	+ 4.4
44	+ 7.7	+16 13.8	...	+16 21.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun II, N.	9	55 22.83	− 0.34	+10.95	300 59 54.68	45.315	−15.54	−1 36.2	15 55 33.44	−69.52	−20 2 53.3	....
2	Mercury C, C.	9	24 28.24	− 0.42	+10.95	295 19 54.30	45.215	−15.03	−2 0.3	17 24 38.77	+ 0.06	−25 43 19.8	....
3	147 B. Piscium.	9	43 16.31	− 0.30	+10.95	325 49 57.48	44.605	−15.08	− 39.8	0 43 26.96	.....	+ 4 47 49.8	....
4	20 Ceti.	9	48 1.44	− 0.31	**+10.88**	319 21 56.08	47.332	−15.08	− 50.4	0 48 12.08	.....	− 1 39 19.9	....
5	α Sculptoris.	9	53 54.06	− 0.47	+10.95	291 11 57.70	44.330	−15.08	−2 30.4	0 54 4.54	.....	−29 52 6.7	....
6	α Ursæ Minoris.	5	26 12.82	−14.30	+10.96	49 48 1.62	46.466	−15.08	+1 9.8	1 26 9.48	.....	+88 48 24.5	....
7	υ Ceti.	9	55 24.19	− 0.41	+10.96	299 31 55.85	42.305	−15.08	−1 43.6	1 55 34.74	.....	−21 32 8.1	....
8	α Arietis.	8	1 41.96	− 0.28	**+10.96**	344 1 59.35	46.872	−15.08	− 16.8	2 1 52.64	.....	+23 1 6.4	....
9	ξ¹ Ceti.	9	7 50.53	− 0.29	**+10.93**	329 25 56.65	45.738	−15.08	− 34.8	2 8 1.20	.....	+ 8 24 19.9	....
10	ρ Ceti.	9	21 14.15	− 0.35	+10.96	308 19 56.12	44.110	−15.08	−1 14.5	2 21 24.76	− 3.07	−12 42 57.5	− 8.2
11	ν Ceti.	9	30 45.99	− 0.29	**+10.91**	326 11 56.62	47.540	−15.08	− 39.4	2 30 56.66	.....	+ 5 10 56.4	....
12	δ Ceti.	9	34 29.40	− 0.31	**+10.96**	320 55 56.78	48.915	−15.08	− 47.8	2 34 40.05	.....	− 0 4 40.4	....
13	41 Arietis.	9	44 16.59	− 0.29	**+11.03**	347 53 58.88	44.830	−15.08	− 12.6	2 44 27.26	.....	+26 52 23.5	....
14	57 B. Ursæ Minoris s. p.	9	6 26.78	+ 7.27	+10.96	53 24 0.93	45.420	−15.08	+1 19.7	15 6 45.01	.....	+87 35 44.9	....
	November 23, Br.												
15	β Cancri.	9	11 14.07	− 0.29	**+10.93**	330 29 55.98	46.260	−15.52	− 33.7	8 11 24.76	.....	+ 9 28 31.8	....
16	30 Monocerotis.	6	20 46.87	− 0.32	**+11.02**	317 25 55.78	46.055	−15.52	− 54.8	8 20 57.53	.....	− 3 35 54.2	....
17	19 G. Pyxidis.	9	34 50.42	− 0.41	+10.98	298 41 54.60	47.225	−15.52	−1 48.6	8 35 0.99	− 2.52	−22 20 22.4	+ 4.0
18	δ Cancri.	9	39 9.35	− 0.29	**+11.00**	339 31 56.25	44.262	−15.52	− 22.3	8 39 20.04	.....	+18 29 57.7	....
19	ρ¹ Cancri.	9	46 48.54	− 0.30	+10.98	349 43 57.00	42.000	−15.52	− 10.8	8 46 59.22	− 2.81	+28 41 18.3	+20.4
20	60 Cancri.	9	50 36.36	− 0.29	+10.98	333 1 55.82	42.428	−15.52	− 30.4	8 50 47.05	− 2.62	+11 59 7.3	+15.0
21	α Cancri.	9	53 9.42	− 0.29	**+11.07**	333 15 56.28	42.872	−15.52	− 30.1	8 53 20.11	.....	+12 13 18.2	....
22	ω Hydræ.	9	0 50.19	− 0.30	+10.98	326 29 55.08	45.482	−15.52	− 39.5	9 1 0.87	− 2.52	+ 5 28 7.3	+13.0
23	ξ Cancri.	9	3 45.86	− 0.29	+10.98	343 27 57.20	42.822	−15.52	− 17.7	9 3 56.55	− 2.61	+22 25 30.4	+18.8
24	θ Hydræ.	9	9 17.18	− 0.30	**+10.99**	323 45 56.02	41.958	−15.52	− 43.7	9 9 27.86	.....	+ 2 42 43.5	....
25	38 Lyncis.	9	12 48.08	− 0.33	+10.98	358 13 58.80	43.218	−15.52	− 1.8	9 12 58.73	− 2.67	+37 11 56.9	+23.9
26	h Mali.	9	17 9.08	− 0.43	+10.98	295 29 54.15	44.395	−15.52	−2 4.5	9 17 19.63	.....	−25 33 43.3	....
27	α Hydræ.	9	22 46.94	− 0.33	**+10.93**	312 47 55.62	43.812	−15.52	−1 4.4	9 22 57.59	.....	− 8 14 55.2	....
28	160 G. Hydræ.	9	28 41.76	− 0.40	+10.98	300 21 53.98	43.265	−15.52	−1 41.6	9 28 52.34	− 2.30	−20 41 46.5	+ 4.8
29	2 Sextantis.	9	33 21.67	− 0.30	+10.98	326 5 54.92	46.518	−15.52	− 40.1	9 33 32.35	− 2.32	+ 5 4 30.2	+13.4
30	ψ Leonis.	9	38 25.23	− 0.28	+10.98	335 27 55.55	47.575	−15.52	− 27.2	9 38 35.93	− 2.31	+14 27 7.9	+16.7
31	μ Leonis.	9	47 13.35	− 0.29	**+10.95**	347 29 57.15	41.198	−15.52	− 13.2	9 47 24.04	.....	+26 26 57.7	....
32	158 B. Cephei s. p.	8	51 29.94	+ 1.30	+10.98	67 44 0.38	42.858	−15.52	+2 25.4	21 51 42.22	.....	+73 15 42.4	....
33	193 G. Hydræ.	9	59 49.33	− 0.42	+10.98	297 13 54.35	44.240	−15.52	−1 55.4	9 59 59.89	− 2.16	−23 49 37.6	+ 3.9
34	λ Hydræ.	9	5 48.93	− 0.35	**+10.97**	309 9 54.60	43.555	−15.52	−1 13.2	10 5 59.56	.....	−11 53 10.9	....
35	138 B. Ursæ Majoris.	9	14 14.08	− 0.44	+10.98	15 41 58.90	45.595	−15.52	+ 16.9	10 14 24.62	− 1.97	+54 41 10.1	+29.7
36	32 H. Cephei s. p.	5	20 46.18	+ 4.47	+10.98	55 24	......	.....	. ....	22 21 1.63	− 3.89	+85 37	....
37	ρ Leonis.	9	27 39.86	− 0.29	**+11.04**	330 49 56.72	43.500	−15.52	− 33.3	10 27 50.55	.....	+ 9 47 29.8	....
	November 24, Br.												
38	Sun I, S.	9	57 17.58	− 0.43	+11.03	300 15 54.90	43.162	−14.66	−1 36.6	15 57 28.18	+69.50	−20 47 42.2	....
39	Sun II, N.	9	59 36.58	− 0.43	+11.03	300 47 54.25	44.208	−14.66	−1 34.6	15 59 47.18	−69.50	−20 15 16.6	....
	November 25, Bs.												
40	ι Cassiopeiæ.	9	21 10.13	− 0.74	+11.42	27 59 59.18	44.108	−13.63	+ 30.6	2 21 20.81	.....	+66 58 51.7	....
41	σ Ceti.	9	27 27.27	− 0.51	+11.42	305 23 50.78	42.952	−13.63	−1 20.6	2 27 38.18	.....	−15 39 34.0	....
42	128 H¹. Ceti.	9	30 44.76	− 0.42	+11.42	327 27 56.65	45.450	−13.63	− 36.6	2 30 55.76	.....	+ 6 26 12.9	....
43	δ Ceti.	9	34 29.02	− 0.44	**+11.47**	320 57 54.62	43.598	−13.63	− 46.5	2 34 40.00	.....	− 0 4 41.3	....
44	π Ceti.	9	39 28.30	− 0.50	+11.42	306 47 53.80	42.730	−13.63	−1 16.7	2 39 39.22	.....	−14 15 32.1	....
45	β Fornacis.	9	44 58.95	− 0.64	+11.42	288 15 54.20	45.130	−13.63	−2 52.2	2 45 9.73	.....	−32 48 12.3	....
46	β Ursæ Minoris s. p.	9	50 39.17	+ 1.05	+11.42	66 26 0.12	46.724	−13.63	+2 11.7	14 50 51.64	.....	+74 32 25.5	....
47	γ Persei.	9	57 49.20	− 0.51	+11.42	14 9 58.40	43.412	−13.63	+ 14.6	2 58 0.11	.....	+53 8 19.1	....
48	β Persei.	9	1 52.66	− 0.44	+11.42	1 37 56.92	42.130	−13.63	+ 1.7	3 2 3.64	.....	+40 35 35.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 15 53	30.14	50.1	52.1
17 24	30.105	55.8	57.9
0 35	30.065	46.1	45.8
0 58	......	....	44.1
1 35	30.045	44.4	43.8
2 4	......	....	43.0
2 16	30.045	44.4	....
2 25	......	....	42.6
2 49	......	....	42.2
3 21	30.035	43.3	42.0
8 6	29.93	37.0	35.0
8 44	......	....	35.0
9 25	29.91	36.9	34.9
10 6	......	....	35.0
10 31	29.90	36.0	35.7
24 16 0	29.85	56.5	60.2
25 2 21	29.68	51.6	50.0
2 45	......	....	49.1

Micrometer bisections are made at II, VI, except as noted below.

1, 18, 21, 26, 39.	Bisections at VI, VII.
2, 5.	Bisections at I, II, VI, VII.
6.	Bisections at b_1, b_2, b_8, b_9.
20, 22, 23, 24, 38.	Bisections at I, II.
32.	Bisections at b_2, b_8.
35.	Bisections at III, V.
46.	Bisections at I, II, IV, VI, VII.

Notes.

6.	Microscopes read at beginning and end of observation.
12.	Micrometer reading decreased 1 rev.
15.	Slight haze; unsteady.
26.	Diffuse; unsteady.
27, 32.	Faint; diffuse.
33-37, 40-48.	Conditions poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 7.6	−16 13.7	...	−16 6.1
2	+ 7.3	.. ....	− 0.1	+ 7.2
38	+ 7.7	+16 12.7	...	+16 20.4
39	+ 7.6	−16 12.8	...	−16 5.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	48 H. Cephei	9	8 16.40	− 1.29	+11.42	38 23 59.10	44.818	−13.63	+ 45.8	3 8 26.53	.....	+77 23 22.7	....
2	1 H. Ursæ Minoris s. p.	8	13 16.28	+ 0.76	+11.43	73 16 1.98	44.442	−13.63	+3 10.0	15 13 28.47	.....	+67 42 17.8	....
3	ξ Tauri	9	21 53.76	− 0.42	**+11.42**	330 25 56.10	45.415	−13.63	− 32.6	3 22 4.77	.....	+ 9 24 15.6	....
4	ε Eridani	7	28 19.61	− 0.48	**+11.31**	311 15 54.65	44.478	−13.63	−1 5.5	3 28 30.56	.....	− 9 46 40.1	....
5	10 Tauri	9	31 53.91	− 0.44	+11.43	321 7 55.30	45.715	−13.63	− 46.4	3 32 4.90	.....	+ 0 6 7.9	....
6	δ Persei	9	36 3.67	− 0.48	+11.43	8 29 57.75	46.008	−13.63	+ 8.7	3 36 14.62	.....	+47 29 11.9	....
7	τ^6 Eridani	9	42 37.79	− 0.56	+11.43	297 31 54.65	43.580	−13.63	−1 50.0	3 42 48.66	.....	−23 31 45.1	....
8	ε Persei	9	51 22.32	− 0.44	+11.43	0 45 57.38	43.920	−13.63	+ 0.8	3 51 33.31	.....	+39 44 16.0	....
9	λ Tauri	9	55 17.59	− 0.41	**+11.48**	333 15 56.78	43.055	−13.63	− 29.0	3 55 28.61	.....	+12 13 25.9	....
10	A Tauri	9	58 57.54	− 0.40	**+11.45**	342 51 56.85	42.630	−13.63	− 17.8	3 59 8.57	.....	+21 49 27.5	....
	November 26, Hl.												
11	24 Lyncis	9	34 52.63	− 0.46	+11.25	19 55 58.98	46.590	−14.90	+ 21.3	7 35 3.42	.....	+58 55 37.6	....
12	4 Puppis	9	41 26.52	− 0.43	+11.25	306 41 53.95	46.755	−14.93	−1 18.1	7 41 37.34	− 2.86	−14 20 2.7	+ 5.9
13	φ Geminorum	9	47 33.54	− 0.32	**+11.25**	348 1 58.50	45.065	−14.96	− 12.3	7 47 44.47	.....	+27 0 28.9	....
14	χ Geminorum	9	57 33.52	− 0.32	**+11.26**	349 3 58.38	47.435	−15.00	− 11.2	7 57 44.45	.....	+28 3 24.0	....
15	ψ Cancri	9	4 36.33	− 0.32	+11.25	346 49 57.62	42.582	−15.04	− 13.7	8 4 47.26	− 3.20	+25 47 29.8	+17.9
16	β Cancri	9	11 13.93	− 0.34	**+11.21**	330 29 55.88	46.202	−15.07	− 33.1	8 11 24.84	.....	+ 9 28 31.4	....
17	30 Monocerotis	9	20 46.77	− 0.37	**+11.26**	317 25 56.75	45.970	−15.11	− 53.8	8 20 57.65	.....	− 3 35 53.7	....
18	19 G. Pyxidis	8	34 50.31	− 0.48	+11.25	298 41 54.02	47.155	−15.18	−1 46.7	8 35 1.08	− 2.62	−22 20 22.3	+ 4.8
19	ρ^1 Cancri	9	46 48.46	− 0.32	+11.25	349 43 57.30	41.978	−15.23	− 10.6	8 46 59.39	− 2.91	+28 41 18.6	+20.8
20	60 Cancri	9	50 36.23	− 0.33	+11.25	333 1 56.02	42.395	−15.25	− 29.9	8 50 47.15	− 2.71	+11 59 7.5	+15.6
21	α Hydræ	9	22 46.74	− 0.40	**+11.29**	312 48	......	.....	. ....	9 22 57.59	.....	− 8 14	....
22	ξ Leonis	9	26 41.21	− 0.33	**+11.21**	332 44	......	.....	. ....	9 26 52.13	.....	+11 43	....
23	o Leonis	9	35 56.39	− 0.33	**+11.27**	331 22	......	.....	. ....	9 36 7.31	.....	+10 19	....
24	ε Leonis	9	40 19.16	− 0.32	**+11.26**	345 14	......	.....	. ....	9 40 30.09	.....	+24 12	....
25	Venus II, C	9	55 5.01	− 0.41	+11.25	305 39 54.32	46.126	−15.35	−1 21.7	14 55 15.85	− 0.37	−15 22 20.7	....
	November 27, Hl.												
26	Sun I, N	9	10 2.63	− 0.45	+11.25	300 9 54.15	52.662	−15.31	−1 40.3	16 10 13.43	+69.94	−20 50 10.2	....
27	Sun II, S	9	12 22.51	− 0.45	+11.25	299 39 54.40	46.312	−15.31	−1 42.5	16 12 33.31	−69.94	−21 22 36.9	....
28	Mercury C, C	8	43 58.54	− 0.49	+11.26	295 17 54.72	45.848	−14.66	−2 2.9	17 44 9.31	+ 0.08	−25 45 7.1	....
	November 29, Bs.												
29	f Piscium	9	12 45.52	− 0.33	+11.68	324 10 1.75	42.850	−19.32	− 41.2	1 12 56.87	.....	+ 3 7 8.3	....
30	ξ Andromedæ	9	16 37.42	− 0.41	+11.68	6 4 3.70	43.772	−19.34	+ 6.1	1 16 48.69	− 4.17	+45 2 18.5	−23.7
31	o Piscium	9	40 14.46	− 0.33	**+11.67**	329 42 2.92	47.515	−19.43	− 33.3	1 40 25.81	.....	+ 8 41 3.9	....
32	ζ Ceti	5	46 37.94	− 0.37	**+11.69**	310 14 1.50	46.060	−19.45	−1 7.3	1 46 49.25	.....	−10 48 4.8	....
33	υ Ceti	9	55 23.41	− 0.42	+11.68	299 32 9.08	41.718	−19.48	−1 40.4	1 55 34.67	.....	−21 32 9.5	....
34	α Arietis	9	1 41.28	− 0.33	**+11.68**	344 2 4.50	46.775	−19.50	− 16.3	2 1 52.63	.....	+23 1 5.4	....
35	ξ^1 Ceti	9	7 49.86	− 0.33	**+11.63**	329 26 1.08	45.682	−19.53	− 33.7	2 8 1.21	.....	+ 8 24 19.7	....
36	o Ceti	9	14 24.64	− 0.35	+11.68	317 38 1.48	44.690	−19.55	− 52.0	2 14 35.97	.....	− 3 24 20.9	....
37	ρ Ceti	9	21 13.39	− 0.38	+11.68	308 20 2.68	43.875	−19.57	−1 12.0	2 21 24.69	− 3.05	−12 42 58.3	− 7.3
38	ν Arietis	9	33 17.58	− 0.33	**+11.72**	342 34 2.45	47.465	−19.62	− 17.9	2 33 28.93	.....	+21 33 17.4	....
39	θ Persei	9	37 36.18	− 0.43	+11.68	9 52 3.60	42.558	−19.64	+ 10.0	2 37 47.43	.....	+48 49 54.2	....
40	39 Arietis	9	42 7.69	− 0.34	+11.68	349 52 1.35	47.480	−19.65	− 10.1	2 42 19.03	− 4.03	+28 51 24.4	−12.8
41	τ^2 Eridani	8	46 35.56	− 0.42	+11.69	299 40 0.85	43.432	−19.67	−1 39.9	2 46 46.83	.....	−21 23 38.2	....
42	η Eridani	9	51 39.06	− 0.36	**+11.68**	311 46 2.75	44.888	−19.69	−1 3.9	2 51 50.39	.....	− 9 16 27.1	....
43	τ^3 Eridani	9	58 4.02	− 0.44	+11.69	297 4 0.48	43.675	−19.71	−1 51.3	2 58 15.27	.....	−23 59 44.5	....
44	β Persei	9	1 52.38	− 0.38	+11.69	1 36 3.62	47.445	−19.72	+ 1.7	3 2 3.69	.....	+40 35 37.6	....
45	τ^1 Arietis	9	15 36.93	− 0.33	**+11.72**	341 50 2.88	45.322	−19.78	− 18.8	3 15 48.29	.....	+20 48 27.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 3 28	29.675	49.6	48.3
3 51	......	....	48.1
3 59	29.67	48.8	48.0
26 7 20	29.855	46.6	45.7
7 51	......	....	44.2
8 2	......	....	44.0
8 15	......	....	43.1
8 28	......	....	42.9
8 42	......	....	42.0
8 58	......	....	42.1
9 2	29.885	43.6	....
9 46	......	....	41.0
14 55	30.08	44.9	44.7
27 16 12	30.09	47.2	46.2
17 50	30.10	50.1	48.1
29 1 13	29.57	51.5	51.1
1 40	......	....	50.9
2 14	29.57*	51.0	51.1
2 47	......	....	51.2
2 54	......	....	51.0
3 16	29.62	50.4	50.0

Micrometer bisections are made at II, VI, except as noted below.

11, 18. Bisections at II, VII.
20. Bisections at II, VI, VII.
25, 28. Bisections at I, II, VI, VII.
26. Bisections at I, II.
27. Bisections at VI, VII.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
25	+ 4.5	.. ....	0.0	+ 4.5
26	+ 7.7	−16 13.3	...	−16 5.6
27	+ 7.7	+16 13.4	...	+16 21.1
28	+ 7.9	.. ....	− 0.2	+ 7.7

Notes.

4. Poor; clouds.
11. Unsteady.
21-25, 32. Clouds.
23. Very faint.
25. Micrometer reading increased 1 rev.
29-45. Conditions generally poor.
* Barometer reading changed from 29.07 in. to 29.57 in.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	2 H. Camelopardalis	9	21 17.42	− 0.56	+11.69	20 38 3.32	44.300	−19.80	+ 21.7	3 21 28.55	.....	+59 36 45.2	....
2	*f* Tauri	9	25 29.93	− 0.32	**+11.68**	333 38 1.15	46.740	−19.81	− 28.4	3 25 41.30	.....	+12 36 48.9	....
3	τ^5 Eridani	9	29 27.36	− 0.43	+11.69	299 5 59.48	45.260	−19.83	−1 42.7	3 29 38.62	.....	−21 57 0.8	....
4	11 Tauri	9	34 58.49	− 0.33	+11.69	346 4 3.95	42.545	−19.85	− 14.2	3 35 9.85	.....	+25 1 30.0	....
5	5 H. Camelopardalis	9	40 17.26	− 0.89	+11.69	32 4 5.20	43.078	−19.87	+ 36.1	3 40 28.06	.....	+71 2 33.3	....
	November 30, Br.												
6	Venus II, C	9	15 1.60	− 0.05	+11.59	304 9 58.22	48.432	−19.13	−1 31.8	15 15 13.14	− 0.37	−16 51 38.0	....
	December 1, Br.												
7	Sun I, N	9	27 12.67	− 0.07	+11.59	299 32 0.85	45.332	−19.03	−1 49.2	16 27 24.19	+70.33	−21 31 3.6	....
8	Sun II, S	9	29 33.33	− 0.07	+11.59	298 59 57.98	44.260	−19.03	−1 51.6	16 29 44.85	−70.33	−22 3 33.1	....
9	Moon I, S	9	17 30.76	− 0.15	+11.64	304 57 59.62	43.937	−20.00	−1 27.8	21 17 42.25	+66.65	−16 5 16.2	....
10	35 H. Ursæ Majoris s. p.	9	36 5.42	+ 1.62	+11.65	71 26 4.70	40.955	−20.00	+3 2.8	10 36 18.69	− 1.82	+69 33 48.6	+34.0
11	λ Pegasi	9	41 48.00	− 0.15	**+11.63**	344 6 2.38	45.100	−20.00	− 17.6	22 41 59.50	.....	+23 4 23.2	....
12	μ Pegasi	9	45 15.81	− 0.16	**+11.68**	345 8 1.70	45.290	−20.00	− 16.4	22 45 27.30	.....	+24 6 28.1	....
13	∂ Aquarii	9	49 27.28	− 0.16	**+11.58**	304 43 59.02	43.832	−20.00	−1 29.0	22 49 38.77	.....	−16 19 20.4	....
14	β Pegasi	9	59 0.97	− 0.17	**+11.68**	348 36 2.38	45.258	−20.00	− 12.4	22 59 12.45	.....	+27 34 32.0	....
15	5 Andromedæ	9	3 17.72	− 0.34	+11.65	9 48 3.38	46.148	−20.00	+ 10.8	23 3 29.03	− 2.65	+48 47 16.6	−32.7
16	φ Aquarii	9	9 14.97	− 0.13	**+11.60**	314 29 58.45	42.575	−20.00	−1 3.0	23 9 26.49	.....	− 6 33 23.7	....
17	10 Andromedæ	9	15 12.23	− 0.26	+11.65	2 36 3.12	43.255	−20.00	+ 2.9	23 15 23.62	− 2.70	+41 34 2.4	−30.8
18	υ Pegasi	9	20 29.24	− 0.15	**+11.66**	343 54 1.68	47.612	−20.00	− 17.8	23 20 40.74	.....	+22 53 19.7	....
19	λ Draconis s. p.	9	25 33.76	+ 1.63	+11.65	71 8 4.75	43.808	−20.00	+3 0.5	11 25 47.04	.....	+69 50 45.6	....
20	15 Andromedæ	9	29 49.97	− 0.25	+11.65	0 44 2.02	46.698	−20.00	+ 0.9	23 30 1.37	− 2.84	+39 43 17.9	−29.9
21	μ Sculptoris	9	35 30.06	− 0.24	+11.65	288 27 57.98	46.772	−20.00	−3 3.5	23 35 41.47	− 2.23	−32 35 48.6	− 6.7
22	ι^1 Aquarii	7	39 7.35	− 0.17	**+11.70**	302 15 59.10	42.330	−20.00	−1 38.0	23 39 18.83	.....	−18 48 3.6	....
23	25 Piscium	9	48 3.83	− 0.12	+11.65	322 36 0.65	45.645	−20.00	− 47.4	23 48 15.36	− 2.53	+ 1 34 4.2	−17.9
24	ω Piscium	9	54 17.06	− 0.12	**+11.66**	327 21 59.55	46.680	−20.00	− 39.7	23 54 28.59	.....	+ 6 20 34.5	....
25	128 H^1. Camelopardalis s. p.	8	59 28.16	+ 6.97	+11.65	54 54 4.92	43.988	−20.00	+1 28.4	11 59 46.78	+12.21	+86 6 13.3	+33.0
26	γ Pegasi	9	8 11.84	− 0.13	**+11.68**	335 42 0.55	43.870	−20.00	− 28.0	0 8 23.36	.....	+14 39 42.9	....
27	5 B. Ursæ Minoris s. p.	6	13 26.53	+ 8.82	+11.65	54 2 3.62	46.703	−20.00	+1 25.8	12 13 47.00	+18.75	+86 57 15.3	+32.1
28	10 Ceti	9	21 36.21	− 0.12	+11.65	320 27 59.02	44.998	−20.00	− 51.2	0 21 47.74	− 2.70	− 0 34 16.0	−16.0
29	κ Draconis s. p.	9	29 11.47	+ 1.66	+11.66	70 40 5.48	45.450	−20.00	+2 56.4	12 29 24.79	.....	+70 18 11.5	....
30	β Ceti	9	38 40.46	− 0.16	**+11.63**	302 31 58.30	46.905	−20.00	−1 37.0	0 38 51.96	.....	−18 30 18.9	....
31	∂ Piscium	9	43 36.54	− 0.12	**+11.67**	328 5 59.25	46.185	−20.00	− 38.6	0 43 48.08	.....	+ 7 4 24.0	....
32	γ Cassiopeiæ	9	50 51.80	− 0.55	+11.66	21 14 3.42	43.948	−20.00	+ 24.2	0 51 2.91	.....	+60 12 39.7	....
	December 3, Hl.												
33	Venus II, C	8	30 11.87	− 0.23	+11.84	303 7 47.25	47.548	− 9.62	−1 32.3	15 30 23.48	− 0.37	−17 54 0.1	....
	December 4, Hl.												
34	Sun I, N	8	40 12.33	− 0.25	+11.85	299 5 47.35	44.575	−10.23	−1 48.2	16 40 23.93	+70.53	−21 57 24.6	....
35	Sun II, S	9	42 33.39	− 0.25	+11.85	298 33 47.52	43.330	−10.23	−1 50.6	16 42 44.99	−70.53	−22 29 55.0	....
36	9 H. Draconis s. p.	9	26 50.82	+ 2.11	+11.83	64 47 54.95	43.882	− 9.20	+2 9.6	10 27 4.76	.....	+76 11 33.0	....
37	67 Aquarii	9	38 6.99	− 0.13	+11.83	313 35 48.82	42.762	− 9.20	−1 4.1	22 38 18.69	− 2.05	− 7 27 19.4	−15.9
38	μ Pegasi	9	45 15.56	− 0.14	**+11.86**	345 7 50.60	45.302	− 9.20	− 16.2	22 45 27.25	.....	+24 6 28.3	....
39	∂ Aquarii	9	49 27.03	− 0.15	**+11.79**	304 43 48.02	43.800	− 9.20	−1 27.9	22 49 38.72	.....	−16 19 20.2	....
40	α Pegasi	9	59 52.27	− 0.12	**+11.83**	335 43 50.30	44.762	− 9.20	− 27.5	23 0 3.99	.....	+14 42 4.4	....
41	φ Aquarii	9	9 14.75	− 0.12	**+11.77**	314 27 47.70	47.780	− 9.20	−1 2.1	23 9 26.47	.....	− 6 33 23.8	....
42	249 B. Ursæ Majoris s. p.	9	17 1.05	+ 1.35	+11.84	76 5 56.12	47.045	− 9.20	+4 4.4	11 17 14.24	.....	+64 50 25.2	....
43	ι Andromedæ	9	33 19.76	− 0.25	+11.84	3 45 52.32	45.942	− 9.20	+ 4.1	23 33 31.35	.....	+42 45 4.8	....
44	Moon I, S	9	47 46.68	− 0.12	+11.84	316 5 49.20	39.059	− 9.20	− 58.9	23 47 58.40	+61.80	− 4 58 38.4	....
45	α Andromedæ	9	3 19.74	− 0.16	**+11.88**	349 35 51.40	44.918	− 9.20	− 11.2	0 3 31.42	.....	+28 34 25.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 3 40	29.635	49.8	48.7
30 15 16	30.61	28.8	23.9
1 16 30	30.575	30.1	27.0
21 20	30.52	31.4	30.0
22 32	30.52	29.7	28.6
22 52	......	....	28.0
23 42	30.535	27.8	27.0
0 19	......	....	26.1
0 55	30.51	26.2	26.0
3 15 30	29.95	31.3	29.9
4 16 43	29.95	31.9	29.9
22 12	30.075	28.5	27.9
22 35	......	....	27.3
22 43	......	....	27.1
23 2	......	....	27.1
23 6	30.10	28.3	....
23 22	......	....	26.9
23 38	......	....	26.9
23 57	30.115	27.7	26.9

Micrometer bisections are made at II, VI, except as noted below.

6, 33, 36.	Bisections at I, II, VI, VII.
7, 11, 14, 18, 21, 24, 26, 34.	Bisections at I, II.
8, 22, 35, 42.	Bisections at VI, VII.
9.	Bisections at II, III, IV, V, VI.
10, 15, 17, 19, 20, 29, 32.	Bisections at III, V.
25.	Bisections at b_2, b_5, b_8.
27.	Bisections at b_3, b_5, b_7.
39.	Bisections at II, VI, VII.
44.	Bisections at b_1, b_4, b_5, b_6, b_9.

Notes.

10, 39, 42.	Unsteady.
21.	Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 4.5	.. ....	0.0	+ 4.5
7	+ 7.7	−16 14.7	...	−16 7.0
8	+ 7.8	+16 14.7	...	+16 22.5
9	+46 22.1	+15 30.3	...	+61 52.4
33	+ 4.6	.. ....	0.0	+ 4.6
34	+ 7.8	−16 15.2	...	−16 7.4
35	+ 7.8	+16 15.2	...	+16 23.0
44	+37 43.7	+14 55.4	...	+52 39.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	12 Ceti	9	25 2.38	− 0.12	**+11.83**	316 33 48.08	44.228	− 9.20	− 57.9	0 25 14.10	....	− 4 28 40.4	....
2	π Andromedæ	9	31 39.83	− 0.18	+11.84	354 13 51.72	44.250	− 9.20	− 6.1	0 31 51.49	....	+33 12 15.4	....
3	β Ceti	9	38 40.27	− 0.16	**+11.79**	302 31 47.22	46.910	− 9.20	−1 35.7	0 38 51.95	....	−18 30 17.7	....
4	147 B. Piscium	9	43 15.12	− 0.12	+11.84	325 49 49.42	44.752	− 9.20	− 41.6	0 43 26.84	....	+ 4 47 49.2	....
5	α Sculptoris	9	53 52.68	− 0.22	+11.84	291 11 48.68	44.686	− 9.20	−2 36.8	0 54 4.30	....	−29 52 8.1	....
	December 4, Ei.-Y.												
6	ξ¹ Ceti	9	7 49.29	− 0.11	**+11.96**	329 25 49.60	45.825	− 9.43	− 36.2	2 8 1.15	....	+ 8 24 19.1	....
7	67 Ceti	9	12 5.99	− 0.12	**+11.89**	314 9 48.98	47.695	− 9.43	−1 3.0	2 12 17.84	....	− 6 51 25.6	....
8	B. D.+12°317	9	13 34.44	− 0.11	+11.97	333 33 49.65	48.470	− 9.43	− 30.4	2 13 46.30	− 3.45	+12 33 25.3	−12.8
9	B. D.+ 7°371	9	16 21.81	− 0.11	+11.97	328 19 48.55	48.405	− 9.43	− 37.8	2 16 33.67	− 3.35	+ 7 19 15.3	−11.4
10	B. D.+14°392	9	19 6.86	− 0.11	+11.97	336 7 53.08	44.205	− 9.43	− 27.1	2 19 18.72	− 3.53	+15 5 54.6	−12.9
11	B. D.+ 9°321	9	21 31.36	− 0.11	+11.97	331 9 52.32	46.065	− 9.43	− 33.7	2 21 43.22	− 3.43	+10 8 29.7	−11.7
12	B. D.+ 8°385	9	24 22.43	− 0.11	+11.97	330 9 52.30	46.700	− 9.43	− 35.1	2 24 34.29	− 3.42	+ 9 8 42.8	−11.2
13	B. D.+18°325	9	28 9.59	− 0.12	+11.97	339 29 53.88	43.988	− 9.43	− 22.9	2 28 21.44	− 3.65	+18 27 54.6	−12.8
14	B. D.+22°372	9	31 8.69	− 0.14	+11.97	343 39 53.58	45.540	− 9.43	− 17.9	2 31 20.52	− 3.78	+22 38 34.8	−13.2
15	B. D.+14°439	9	33 38.49	− 0.11	+11.97	335 27 52.22	47.725	− 9.43	− 27.9	2 33 50.35	− 3.57	+14 27 13.4	−11.5
16	μ Arietis	9	36 52.32	− 0.13	+11.97	340 37 51.68	45.938	− 9.43	− 21.5	2 37 4.16	− 3.72	+19 36 38.4	−12.2
17	B. D.+16°342	9	40 17.79	− 0.12	+11.97	337 37 51.78	48.142	− 9.43	− 25.2	2 40 29.64	− 3.65	+16 37 25.1	−11.4
18	B. D.+19°424	9	42 49.67	− 0.13	+11.97	340 37 52.18	46.945	− 9.43	− 21.5	2 43 1.51	− 3.74	+19 37 1.9	−11.6
19	B. D.+18°359	9	45 12.09	− 0.12	+11.97	339 47 52.18	45.235	− 9.43	− 22.5	2 45 23.94	− 3.73	+18 46 21.8	−11.3
20	B. D.+12°406	9	49 17.95	− 0.11	+11.97	333 33 52.28	48.172	− 9.43	− 30.4	2 49 29.81	− 3.59	+12 33 21.1	− 9.9
21	B. D.+20°480	9	52 30.82	− 0.13	+11.97	341 17 52.80	48.048	− 9.43	− 20.7	2 52 42.66	− 3.80	+20 17 28.5	−10.8
22	B. D.+22°416	9	54 59.37	− 0.14	+11.97	343 27 52.45	47.465	− 9.43	− 18.2	2 55 11.20	− 3.87	+22 27 17.3	−10.9
23	B. D.+13°494	9	58 10.38	− 0.12	+11.97	335 7 52.90	44.805	− 9.43	− 28.4	2 58 22.23	− 3.65	+14 6 6.8	− 8.9
24	B. D.+23°407	9	2 12.24	− 0.14	+11.97	344 19 53.88	48.238	− 9.43	− 17.2	3 2 24.07	− 3.92	+23 19 37.4	−10.4
25	δ Arietis	9	6 3.71	− 0.13	**+11.95**	340 23 52.98	44.880	− 9.43	− 21.8	3 6 15.55	....	+19 22 15.2	....
26	ζ Arietis	9	9 18.38	− 0.13	**+11.95**	341 41 52.22	48.732	− 9.43	− 20.2	3 9 30.22	....	+20 41 44.0	....
27	B. D.+18°459	9	14 14.84	− 0.13	+11.97	339 43 52.40	49.655	− 9.43	− 22.6	3 14 26.68	− 3.83	+18 44 2.9	− 8.6
28	B. D.+16°433	9	17 50.24	− 0.12	+11.97	337 13 52.85	49.180	− 9.43	− 25.7	3 18 2.09	− 3.77	+16 13 49.4	− 7.9
29	B. D.+17°550	9	19 52.76	− 0.12	+11.97	338 25 52.15	46.465	− 9.43	− 24.2	3 20 4.61	− 3.81	+17 24 48.2	− 7.9
30	B. D.+16°450	9	24 12.74	− 0.12	+11.97	337 27 51.98	45.105	− 9.43	− 25.5	3 24 24.59	− 3.79	+16 26 15.6	− 8.0
31	B. D.+23°463	9	26 16.86	− 0.14	+11.97	344 19 53.15	48.230	− 9.43	− 17.2	3 26 28.69	− 4.00	+23 19 36.5	− 7.9
32	B. D.+22°518	9	31 14.90	− 0.14	+11.97	343 53 52.78	49.260	− 9.43	− 17.7	3 31 26.73	− 4.00	+22 53 59.2	− 7.4
33	B. D.+17°601	9	33 58.55	− 0.13	+11.97	339 5 53.25	46.802	− 9.43	− 23.4	3 34 10.39	− 3.86	+18 4 57.8	− 6.6
34	B. D.+23°505	9	39 1.51	− 0.15	+11.97	344 59 53.40	48.175	− 9.43	− 16.4	3 39 13.33	− 4.05	+23 59 36.3	− 6.6
35	B. D.+24°556	9	40 15.50	− 0.15	+11.97	345 13 53.48	49.292	− 9.43	− 16.1	3 40 27.32	− 4.07	+24 14 2.2	− 6.5
36	B. D.+22°563	9	42 35.51	− 0.14	+11.97	344 7 53.75	48.980	− 9.43	− 17.4	3 42 47.34	− 4.04	+23 7 54.0	− 6.2
37	B. D.+21°535	9	44 12.08	− 0.14	+11.97	342 57 52.58	47.925	− 9.43	− 18.8	3 44 23.91	− 4.00	+21 57 27.4	− 6.0
38	B. D.+22°588	9	47 35.90	− 0.14	+11.97	343 51 53.42	45.428	− 9.43	− 17.7	3 47 47.73	− 4.04	+22 50 32.2	− 5.7
39	B. D.+22°607	9	51 17.97	− 0.14	+11.97	343 55 52.90	44.345	− 9.43	− 17.7	3 51 29.80	− 4.04	+22 54 7.0	− 5.3
40	B. D.+22°617	9	55 10.39	− 0.14	+11.97	343 57 53.40	44.408	− 9.43	− 17.6	3 55 22.22	− 4.05	+22 56 9.0	− 4.9
41	A Tauri	9	58 56.79	− 0.14	**+12.02**	342 49 53.52	47.915	− 9.43	− 18.9	3 59 8.62	....	+21 49 28.0	....
42	ψ Tauri	9	1 0.39	− 0.17	+11.97	349 45 53.00	45.800	− 9.43	− 11.0	4 1 12.19	− 4.27	+28 44 47.0	− 4.6
43	43 Tauri	9	3 29.91	− 0.13	+11.97	340 21 52.70	48.432	− 9.43	− 21.9	4 3 41.75	....	+19 21 36.0	....
44	B. D.+16°569	9	6 56.36	− 0.12	+11.97	338 3 52.22	44.572	− 9.43	− 24.7	4 7 8.21	− 3.89	+17 2 4.5	− 3.3
45	B. D.+20°724	9	11 33.73	− 0.14	+11.97	341 21 51.22	46.278	− 9.43	− 20.7	4 11 45.56	− 3.99	+20 20 46.5	− 3.0
46	γ Tauri	9	14 15.17	− 0.12	**+11.98**	336 25 52.00	44.440	− 9.43	− 26.8	4 14 27.02	....	+15 23 59.2	....
47	B. D.+20°740	9	15 47.25	− 0.14	+11.97	341 49 51.82	46.662	− 9.43	− 20.1	4 15 59.08	− 4.01	+20 48 56.5	− 2.8
48	B. D.+16°586	9	17 49.97	− 0.12	+11.97	337 33 52.42	48.082	− 9.43	− 25.3	4 18 1.82	− 3.89	+16 33 24.3	− 2.3
49	68 Tauri	9	19 51.59	− 0.13	+11.97	338 43 52.32	46.198	− 9.43	− 23.9	4 20 3.43	− 3.92	+17 42 42.6	− 2.1
50	ε Tauri	9	22 56.24	− 0.13	**+11.97**	339 59 53.62	44.902	− 9.43	− 22.3	4 23 8.09	....	+18 58 15.8	....
51	α Tauri	9	30 20.18	− 0.12	**+11.97**	337 19 51.45	47.460	− 9.43	− 25.6	4 30 32.04	....	+16 19 8.8	....
	December 4, Br.												
52	θ Hydræ	9	9 16.36	− 0.09	**+11.93**	323 45 50.78	41.880	− 9.57	− 45.2	9 9 28.14	....	+ 2 42 40.9	....
53	38 Lyncis	9	12 47.55	− 0.24	+11.87	358 13 54.90	43.045	− 9.57	− 1.9	9 12 59.19	− 3.09	+37 11 54.9	+25.0
54	μ Leonis	9	47 12.74	− 0.16	**+11.82**	347 27 52.92	46.267	− 9.57	− 13.7	9 47 24.45	....	+26 26 54.8	....
55	π Leonis	9	55 2.41	− 0.10	**+11.90**	329 31 51.12	44.265	− 9.57	− 36.2	9 55 14.19	....	+ 8 29 44.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
4 0 14	......	....	26.6	5. Bisections at I, II, VI, VII.					
0 35	......	....	26.1	12, 17, 21, 23, 25, 26, 28, 30, 40, 42, 51. Bisections at II, VII.					
0 50	......	....	26.0						
1 2	30.14	27.3	26.0						
2 6	30.14	26.4	26.0	24. Bisections at VI, VII.					
2 30	......	....	26.0	34, 52. Bisections at I, II.					
2 53	30.155	25.9	25.8						
3 22	......	....	25.7						
3 45	30.16	25.5	25.7						
4 8	......	....	25.6						
4 32	30.17	25.4	26.2						
9 6	30.23	25.7	25.1	Note.					
9 18	......	....	25.0	52-55. Clouds.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Hydræ	9	5 48.11	− 0.10	+11.89	309 9 50.82	43.458	− 9.57	−1 15.3	10 5 59.89	.....	−11 53 13.0	....
2	138 B. Ursæ Majoris	9	14 13.81	− 0.48	+11.88	15 41 53.78	45.440	− 9.57	+ 17.3	10 14 25.21	− 2.52	+54 41 7.8	+31.2
3	ρ Leonis	9	27 39.14	− 0.10	+11.93	330 49 51.95	43.432	− 9.57	− 34.2	10 27 50.92	.....	+ 9 47 28.6	....
4	41 Leonis Minoris	9	38 5.66	− 0.15	+11.88	344 41 51.95	46.165	− 9.57	− 16.7	10 38 17.39	.....	+23 40 48.5	....
5	l Leonis	9	44 6.26	− 0.10	+11.97	332 3 51.35	46.348	− 9.57	− 32.4	10 44 18.04	.....	+11 2 36.4	....
6	6 H^{1}. Draconis	4	52 13.73	− 2.08	+11.88	39 15 55.95	46.765	− 9.57	+ 50.2	10 52 23.53	.....	+78 16 13.0	....
7	α Ursæ Majoris	9	57 42.82	− 0.68	+11.88	23 15 54.82	45.545	− 9.57	+ 26.5	10 57 54.02	.....	+62 15 20.4	....
8	δ Crateris	9	14 25.78	− 0.10	+11.90	306 45 48.48	47.070	− 9.57	−1 21.9	11 14 37.56	.....	−14 15 59.4	....
9	Venus II, C	9	35 17.64	− 0.14	+11.91	302 47 50.02	47.915	− 9.65	−1 33.9	15 35 29.41	− 0.37	−18 13 50.6	....
	December 5, Br.												
10	Sun I, S	9	44 33.19	− 0.16	+11.92	298 25 50.55	43.408	− 9.91	−1 51.4	16 44 44.95	+70.57	−22 37 50.9	....
11	Sun II, N	9	46 54.34	− 0.16	+11.92	298 57 51.38	44.620	− 9.91	−1 49.0	16 47 6.10	−70.58	−22 5 19.8	....
12	Moon I, S	9	34 13.13	− 0.14	+11.97	320 11 51.88	45.889	−10.00	− 50.7	0 34 24.96	+61.19	− 0 49 52.3	....
	December 5, Ei.-Y.												
13	67 Ceti	9	12 5.84	− 0.15	+12.07	314 9 52.32	47.558	− 9.86	−1 2.9	2 12 17.78	.....	− 6 51 25.7	....
14	B. D.+19°342	9	13 43.37	− 0.18	+12.09	340 17 53.35	42.745	− 9.86	− 21.9	2 13 55.28	− 3.60	+19 15 26.2	−14.1
15	B. D.+17°353	9	17 15.72	− 0.18	+12.09	338 59 53.80	46.245	− 9.86	− 23.4	2 17 27.63	− 3.59	+17 58 45.2	−13.6
16	B. D.+11°335	9	20 18.84	− 0.16	+12.09	332 33 53.28	47.752	− 9.86	− 31.7	2 20 30.77	− 3.45	+11 33 10.8	−12.0
17	ξ^2 Ceti	9	22 57.82	− 0.15	+12.12	329 3 52.48	45.625	− 9.86	− 36.6	2 23 9.76	.....	+ 8 2 16.5	....
18	27 Arietis	9	25 29.78	− 0.18	+12.09	338 17 53.42	47.650	− 9.86	− 24.3	2 25 41.69	− 3.61	+17 17 16.0	−12.7
19	B. D.+ 6°392	9	29 53.63	− 0.15	+12.09	328 5 52.72	44.090	− 9.86	− 38.1	2 30 5.57	− 3.40	+ 7 3 40.2	−10.3
20	B. D.+24°376	9	31 23.58	− 0.21	+12.09	345 15 54.08	44.728	− 9.86	− 16.1	2 31 35.46	− 3.82	+24 14 18.1	−13.5
21	B. D.+17°414	9	35 6.11	− 0.18	+12.09	339 13 52.70	43.452	− 9.86	− 23.2	2 35 18.02	− 3.67	+18 11 40.5	−12.1
22	B. D.+17°426	9	38 52.61	− 0.18	+12.09	338 23 53.68	44.165	− 9.86	− 24.2	2 39 4.52	− 3.66	+17 21 56.7	−11.6
23	B. D.+22°392	9	41 40.53	− 0.20	+12.09	343 35 53.85	44.030	− 9.86	− 18.0	2 41 52.42	− 3.82	+22 34 0.0	−12.2
24	B. D.+12°392	9	44 34.43	− 0.16	+12.09	333 17 52.48	44.462	− 9.86	− 30.8	2 44 46.36	− 3.56	+12 15 55.7	−10.2
25	σ Arietis	9	45 6.45	− 0.17	+12.10	335 43 52.40	43.642	− 9.86	− 27.6	2 45 18.37	.....	+14 41 40.1	....
26	B. D.+ 8°443	9	48 31.59	− 0.16	+12.09	329 57 52.40	47.670	− 9.86	− 35.3	2 48 43.52	− 3.50	+ 8 57 4.5	− 9.2
27	B. D.+14°492	9	50 17.53	− 0.17	+12.09	335 21 52.82	43.250	− 9.86	− 28.1	2 50 29.45	− 3.63	+14 19 31.1	−10.0
28	B. D.+13°484	9	53 24.07	− 0.16	+12.09	334 15 53.32	43.935	− 9.86	− 29.5	2 53 36.00	− 3.62	+13 13 45.8	− 9.6
29	B. D.+14°502	9	55 30.09	− 0.17	+12.09	335 41 52.82	43.340	− 9.86	− 27.6	2 55 42.01	− 3.66	+14 39 33.6	− 9.6
30	α Ceti	8	57 10.23	− 0.15	+12.10	324 45 51.58	43.115	− 9.86	− 43.2	2 57 22.17	.....	+ 3 43 11.7	....
31	B. D.+20°501	9	59 55.66	− 0.19	+12.09	341 33 52.50	44.735	− 9.86	− 20.4	3 0 7.56	− 3.83	+20 32 12.4	−10.2
32	B. D.+20°514	9	3 45.08	− 0.19	+12.10	341 25 52.40	44.408	− 9.86	− 20.5	3 3 56.99	− 3.84	+20 24 4.7	− 9.8
33	δ Arietis	9	6 3.57	− 0.18	+12.14	340 23 53.50	44.888	− 9.86	− 21.8	3 6 15.49	.....	+19 22 15.5	....
34	B. D.+18°432	9	8 22.61	− 0.18	+12.10	339 39 53.28	42.280	− 9.86	− 22.7	3 8 34.53	− 3.81	+18 37 14.7	− 9.1
35	B. D.+24°464	9	12 20.32	− 0.21	+12.10	345 33 54.40	44.022	− 9.86	− 15.7	3 12 32.21	− 4.00	+24 32 2.7	− 9.5
36	B. D.+25°536	9	14 39.64	− 0.21	+12.10	346 21 54.78	42.402	− 9.86	− 14.8	3 14 51.53	− 4.03	+25 19 26.9	− 9.4
37	B. D.+20°556	9	18 49.24	− 0.19	+12.10	341 29 53.08	44.630	− 9.86	− 20.4	3 19 1.15	− 3.89	+20 28 10.6	− 8.3
38	B. D.+23°456	9	22 5.67	− 0.21	+12.10	344 53 53.90	42.122	− 9.86	− 16.5	3 22 17.56	− 4.01	+23 51 18.0	− 8.4
39	s Tauri	9	25 4.55	− 0.16	+12.10	332 1 52.85	46.782	− 9.86	− 32.5	3 25 16.49	− 3.66	+11 0 47.4	− 6.5
40	B. D.+17°575	9	28 35.42	− 0.18	+12.10	338 33 52.85	42.850	− 9.86	− 24.0	3 28 47.34	− 3.84	+17 31 26.1	− 7.0
41	B. D.+22°523	9	32 58.14	− 0.20	+12.10	343 21 52.70	47.080	− 9.86	− 18.2	3 33 10.04	− 3.99	+22 21 8.3	− 7.1
42	B. D.+14°598	9	36 44.95	− 0.17	+12.10	335 31 52.98	42.915	− 9.86	− 27.8	3 36 56.88	− 3.77	+14 29 23.9	− 5.9
43	B. D.+24°547	9	39 25.18	− 0.21	+12.10	345 11 53.15	44.810	− 9.86	− 16.1	3 39 37.07	− 4.07	+24 10 19.0	− 6.6
44	B. D.+13°594	9	41 0.98	− 0.16	+12.10	334 13 51.58	47.062	− 9.86	− 29.5	3 41 12.92	− 3.75	+13 12 55.6	− 5.4
45	B. D.+15°534	9	43 9.81	− 0.17	+12.10	336 13 53.00	46.925	− 9.86	− 26.9	3 43 21.74	− 3.81	+15 12 56.4	− 5.4
46	B. D.+12°516	9	45 51.12	− 0.16	+12.10	333 47 52.48	43.792	− 9.86	− 30.1	3 46 3.06	− 3.75	+12 45 41.1	− 4.9
47	B. D.+14°624	9	48 19.67	− 0.17	+12.10	335 55 52.75	45.200	− 9.86	− 27.3	3 48 31.60	− 3.81	+14 54 16.4	− 4.9
48	B. D.+24°599	9	51 37.57	− 0.21	+12.10	345 13 53.98	42.182	− 9.86	− 16.1	3 51 49.46	− 4.09	+24 11 19.8	− 5.4
49	λ Tauri	9	55 16.78	− 0.16	+12.12	333 15 51.95	43.170	− 9.86	− 30.8	3 55 28.72	.....	+12 13 25.7	....
40	B. D.+19°658	9	59 56.82	− 0.19	+12.10	340 43 52.85	43.870	− 9.86	− 21.4	4 0 8.73	− 3.96	+19 41 51.9	− 4.2
51	B. D.+16°559	9	2 21.91	− 0.17	+12.10	337 17 51.75	46.270	− 9.86	− 25.6	4 2 33.84	− 3.87	+16 16 41.5	− 3.7
52	p Tauri	9	4 54.93	− 0.22	+12.10	347 15 53.95	44.118	− 9.86	− 13.8	4 5 6.81	− 4.19	+26 14 6.3	− 4.1
53	B. D.+23°648	9	8 37.31	− 0.20	+12.10	344 29 53.50	42.510	− 9.86	− 17.0	4 8 49.21	− 4.10	+23 27 25.9	− 3.5
54	B. D.+24°643	9	12 35.23	− 0.21	+12.10	345 47 53.85	44.855	− 9.86	− 15.4	4 12 47.12	− 4.15	+24 46 21.5	− 3.2
55	B. D.+13°663	9	14 28.56	− 0.17	+12.10	334 49 52.12	45.752	− 9.86	− 28.7	4 14 40.49	− 3.82	+13 48 27.0	− 2.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 10 18	30.26	27.2	28.7
10 30	.....	....	28.8
10 38	.....	....	28.9
10 44	.....	....	29.0
11 18	30.29	27.9	28.2
15 35	30.38	34.0	34.1
5 16 47	30.37	36.1	35.5
0 36	30.32	30.2	31.8
2 10	30.31	29.1	29.9
2 37	.....	....	28.8
3 1	30.31	28.4	30.0
3 27	.....	....	29.4
3 52	30.31	28.0	29.6

Micrometer bisections are made at II, VI, except as noted below.

2, 7.	Bisections at III, V.
3, 11, 33, 42, 45, 50.	Bisections at VI, VII.
6.	Bisections at b_6, b_9.
9.	Bisections at I, II, VI, VII.
10, 19, 34.	Bisections at I, II.
12.	Bisections at II, III, IV, V, VI.
18, 29, 41, 51.	Bisections at II, VII.

Notes.

6.	Circle reading increased 1°.
8.	Thin clouds.
43, 44.	Decimals of micrometer revolutions of these two stars interchanged.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+ 4.6	.. ....	0.0	+ 4.6
10	+ 7.8	+16 15.5	...	+16 23.3
11	+ 7.8	−16 15.6	...	−16 7.8
12	+34 32.3	+14 49.3	...	+49 21.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+20°744	9	16 39.39	− 0.19	+12.10	341 37 52.65	43.860	− 9.86	− 20.3	4 16 51.30	− 4.02	+20 35 52.6	− 2.5
2	B. D.+25°710	9	19 15.25	− 0.21	+12.10	346 33 54.05	43.728	− 9.86	− 14.6	4 19 27.14	− 4.08	+25 31 56.7	− 2.5
3	B. D.+15°625	9	20 47.87	− 0.17	+12.10	336 25 52.62	45.065	− 9.86	− 26.6	4 20 59.80	− 3.87	+15 24 13.9	− 1.9
4	B. D.+20°761	9	22 58.60	− 0.19	+12.10	341 29 52.02	44.345	− 9.86	− 20.4	4 23 10.51	− 4.02	+20 28 2.9	− 1.9
5	80 Tauri	9	24 35.43	− 0.17	+12.10	336 27 52.15	44.210	− 9.86	− 26.6	4 24 47.36	− 3.87	+15 25 53.8	− 1.5
6	B. D.+24°663	9	26 27.23	− 0.21	+12.10	345 59 55.28	46.528	− 9.86	− 15.2	4 26 39.12	− 4.17	+24 59 1.3	− 1.7
7	B. D.+20°778	9	29 1.59	− 0.19	+12.10	341 55 51.50	45.288	− 9.86	− 19.9	4 29 13.50	− 4.04	+20 54 24.5	− 1.3
8	B. D.+25°720	9	31 27.97	− 0.21	+12.10	346 33 54.48	44.315	− 9.86	− 14.6	4 31 39.86	− 4.19	+25 32 10.5	− 1.1
9	τ Tauri	9	36 24.66	− 0.20	**+12.17**	343 47 53.40	45.455	− 9.86	− 17.8	4 36 36.56	.....	+22 46 32.3	....
10	μ Eridani	9	40 36.61	− 0.15	**+12.14**	317 35 52.52	46.585	− 9.86	− 55.8	4 40 48.56	.....	− 3 25 40.7	....
	December 5, Bs.												
11	76 Draconis s. p.	9	49 7.63	+ 4.00	+12.25	58 47 55.02	45.790	−10.28	+1 41.8	20 49 23.88	.....	+82 11 18.6	....
12	κ Cancri	9	2 27.01	− 0.16	**+12.27**	332 3 52.70	46.808	−10.28	− 32.6	9 2 39.10	.....	+11 2 47.3	....
13	98 B. Cephei s. p.	9	7 7.51	+ 2.69	+12.25	63 13 55.62	45.680	−10.28	+2 2.1	21 7 22.45	.....	+77 45 0.0	....
14	83 Cancri	9	13 31.63	− 0.17	**+12.31**	339 7 53.42	44.802	−10.28	− 23.5	9 13 43.71	.....	+18 6 11.3	....
15	1 H. Draconis	9	23 33.24	− 3.19	+12.25	42 45 55.98	41.458	−10.28	+ 57.1	9 23 42.30	.....	+81 44 17.6	....
16	ι Hydræ	9	34 50.82	− 0.14	+12.25	320 19 51.82	43.225	−10.28	− 51.1	9 35 2.93	− 2.67	− 0 42 53.9	+13.7
17	ε Leonis	9	40 18.36	− 0.20	**+12.25**	345 13 53.62	44.972	−10.28	− 16.2	9 40 30.41	.....	+24 12 22.7	....
18	μ Leonis	8	47 12.45	− 0.21	**+12.19**	347 27 53.40	46.280	−10.28	− 13.7	9 47 24.49	.....	+26 26 54.8	....
19	ν Leonis	9	52 57.37	− 0.16	+12.25	333 55 52.15	43.610	−10.28	− 30.2	9 53 9.46	− 2.57	+12 53 36.1	+18.4
20	η Leonis	9	1 59.82	− 0.17	**+12.14**	338 15 52.98	42.425	−10.28	− 24.6	10 2 11.90	.....	+17 13 15.5	....
21	λ Hydræ	9	5 47.85	− 0.14	**+12.22**	309 9 51.85	43.480	−10.50	−1 15.7	10 5 59.96	.....	−11 53 12.8	....
22	32 Ursæ Majoris	9	10 59.94	− 0.90	+12.25	26 35 55.35	42.978	−10.28	+ 31.0	10 11 11.29	.....	+65 34 25.7	....
23	42 Leonis	9	16 34.19	− 0.16	+12.25	336 27 51.90	47.078	−10.28	− 26.8	10 16 46.28	− 2.43	+15 26 58.5	+19.4
24	37 Ursæ Majoris	9	28 53.54	− 0.61	+12.25	18 33 54.45	47.085	−10.28	+ 20.8	10 29 5.18	− 2.33	+57 33 48.6	+32.0
25	35 H. Ursæ Majoris	9	36 7.53	− 1.14	+12.26	30 33 55.55	46.452	−10.28	+ 36.6	10 36 18.65	− 2.17	+69 33 50.9	+34.3
26	42 Leonis Minoris	9	40 25.34	− 0.24	+12.26	352 11 53.52	45.170	−10.28	− 8.4	10 40 37.36	.....	+31 10 34.9	....
27	*l* Leonis	9	44 6.06	− 0.14	**+12.24**	332 3 52.42	46.332	−10.28	− 32.7	10 44 18.18	.....	+11 2 36.1	....
28	46 Leonis Minoris	9	47 50.21	− 0.27	+12.26	355 43 53.22	46.688	−10.28	− 4.5	10 48 2.20	.....	+34 43 13.2	....
29	47 Ursæ Majoris	9	53 58.99	− 0.32	+12.26	1 57 55.28	42.638	−10.28	+ 2.2	10 54 10.93	− 2.02	+40 55 49.3	+27.5
30	χ Leonis	9	59 57.12	− 0.14	**+12.21**	328 51 52.52	46.845	−10.28	− 37.2	11 0 9.24	.....	+ 7 50 43.4	....
31	ψ Ursæ Majoris	9	4 9.53	− 0.38	+12.26	6 1 55.10	43.965	−10.28	+ 6.6	11 4 21.41	.....	+45 0 23.9	....
32	δ Leonis	9	8 53.44	− 0.18	**+12.26**	342 3 51.62	45.082	−10.28	− 20.0	11 9 5.52	.....	+21 2 19.4	....
33	φ Leonis	9	11 39.94	− 0.12	+12.26	317 53 52.55	45.465	−10.28	− 55.8	11 11 52.08	− 2.13	− 3 8 6.7	+12.2
34	249 B. Ursæ Majoris	9	17 2.58	− 0.88	+12.26	25 51 55.60	43.190	−10.28	+ 30.1	11 17 13.96	.....	+64 50 30.0	....
35	Venus C, C	9	40 24.24	− 0.05	+12.26	302 29 49.68	44.498	−10.04	−1 34.5	15 40 36.45	− 0.01	−18 33 10.0	....
	December 6, Bs.												
36	Mercury C, C	9	5 21.51	− 0.10	+12.27	296 37 50.12	45.654	−10.04	−1 58.1	18 5 33.68	+ 0.17	−24 25 6.7	....
37	c¹ Aquarii	9	1 24.84	− 0.20	+12.27	296 47 51.02	45.292	−10.08	−1 58.0	23 1 36.91	− 2.07	−24 15 14.1	− 9.5
38	φ Aquarii	9	9 14.27	− 0.16	**+12.27**	314 29 51.10	42.330	−10.08	−1 0.9	23 9 26.38	.....	− 6 33 24.6	....
39	10 Andromedæ	9	15 11.56	− 0.35	+12.27	2 35 55.48	43.142	−10.08	+ 2.8	23 15 23.48	− 2.60	+41 34 1.8	−30.7
40	υ Pegasi	9	20 28.57	− 0.21	**+12.32**	343 53 53.95	47.440	−10.08	− 17.2	23 20 40.63	.....	+22 53 18.6	....
41	λ Draconis s. p.	9	25 32.87	+ 1.75	+12.27	71 7 56.88	44.032	−10.08	+2 54.5	11 25 46.89	.....	+69 50 44.2	....
42	15 Andromedæ	9	29 49.36	− 0.33	+12.27	0 43 53.90	46.582	−10.08	+ 0.8	23 30 1.30	− 2.74	+39 43 16.9	−29.8
43	μ Sculptoris	9	35 29.29	− 0.24	+12.27	288 27 50.70	46.352	−10.08	−2 57.4	23 35 41.32	− 2.16	−32 35 49.5	− 6.1
44	ι¹ Aquarii	9	39 6.74	− 0.18	**+12.25**	302 15 51.72	42.052	−10.08	−1 34.7	23 39 18.83	.....	−18 48 4.1	....
45	25 Piscium	9	48 3.18	− 0.16	+12.27	322 35 53.32	45.415	−10.08	− 45.8	23 48 15.29	− 2.48	+ 1 34 3.2	−17.4
46	ω Piscium	9	54 16.42	− 0.16	**+12.28**	327 21 52.20	46.492	−10.08	− 38.4	23 54 28.53	.....	+ 6 20 34.1	....
47	128 H¹. Camelopardalis s. p.	9	59 26.22	+ 7.75	+12.27	54 53 57.12	44.027	−10.08	+1 25.5	11 59 46.24	+10.58	+86 6 13.0	+33.8
48	γ Pegasi	9	8 11.23	− 0.18	**+12.28**	335 41 52.70	43.728	−10.08	− 27.1	0 8 23.32	.....	+14 39 42.7	....
49	5 B. Ursæ Minoris s. p.	9	13 24.44	+ 9.83	+12.27	54 1 56.82	46.713	−10.08	+1 22.9	12 13 46.54	+16.74	+86 57 14.4	+33.0
50	10 Ceti	9	21 35.59	− 0.16	+12.27	320 27 51.75	44.790	−10.08	− 49.5	0 21 47.70	− 2.65	− 0 34 16.4	−15.5
51	49 G. Ceti	9	25 28.12	− 0.20	+12.27	296 43 50.70	46.870	−10.08	−1 58.6	0 25 40.19	− 2.44	−24 18 38.9	− 7.5
52	κ Draconis s. p.	9	29 10.51	+ 1.78	+12.28	70 39 58.48	45.650	−10.08	+2 50.6	12 29 24.57	.....	+70 18 9.5	....
53	82 B. Ceti	9	32 18.37	− 0.20	+12.28	295 45 50.05	45.480	−10.08	−2 3.8	0 32 30.45	.....	−25 17 16.5	....
54	β Ceti	9	38 39.78	− 0.18	**+12.28**	302 31 50.52	46.678	−10.08	−1 33.9	0 38 51.88	.....	−18 30 18.8	....
55	δ Piscium	9	43 35.94	− 0.16	**+12.26**	328 5 51.65	45.995	−10.08	− 37.4	0 43 48.06	.....	+ 7 4 23.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 4 18	......	....	29.8
4 41	30.31	27.9	29.4
8 49	30.27	26.3	26.0
9 24	......	....	26.1
9 53	30.26	25.5	24.2
10 17	......	....	25.0
10 54	30.26	25.8	25.0
11 17	30.27	25.5	24.6
15 40	30.28	36.3	35.4
6 18 5	30.21	41.2	41.0
23 1	30.155	37.6	37.1
23 30	......	....	37.0
0 8	30.15	36.3	36.4
0 29	......	....	35.8

Micrometer bisections are made at II, VI, except as noted below.

4, 5. Bisections at I, II.
11, 15. Bisections at II, III, IV, V, VI.
35, 36. Bisections at I, II, VI, VII.
47, 49. Bisections at III, IV, V.

Notes.

11-34. Light clouds.
21. Two microscopes used.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
35	+ 4.6	.. ....	0.0	+ 4.6
36	+ 9.9	.. ....	− 0.1	+ 9.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	32² H. Camelopardalis s. p.	8	47 56.78	+ 5.08	+12.28	57 3 55.72	46.370	−10.08	+1 33.0	12 48 14.14	.....	+83 55 12.3	....
2	Moon I, S.	9	20 13.06	− 0.17	+12.28	324 17 52.10	47.323	−10.08	− 43.2	1 20 25.17	+61.11	+ 3 16 48.1	....
	December 6, Ei.-Y.												
3	ξ² Ceti	9	22 57.81	− 0.16	**+12.14**	329 3 50.85	45.675	−10.06	− 36.0	2 23 9.80	.....	+ 8 2 16.4	....
4	ν Ceti	9	30 44.62	− 0.16	**+12.14**	326 11 52.20	47.490	−10.06	− 40.2	2 30 56.61	.....	+ 5 10 55.1	....
5	ν Arietis	9	33 16.99	− 0.20	**+12.17**	342 33 52.98	47.540	−10.06	− 18.8	2 33 28.94	.....	+21 33 18.3	....
6	B. D.+ 9°353	9	36 44.92	− 0.17	+12.15	331 9 52.52	46.252	−10.06	− 33.1	2 36 56.90	− 3.48	+10 8 34.2	−10.3
7	μ Ceti	9	39 39.84	− 0.17	**+12.13**	330 43 52.85	47.412	−10.06	− 33.7	2 39 51.82	.....	+ 9 43 0.4	....
8	B. D.+ 8°424	9	42 9.12	− 0.17	+12.15	329 55 52.58	47.115	−10.06	− 34.8	2 42 21.10	− 3.48	+ 8 54 52.3	− 9.7
9	B. D.+11°398	9	45 0.83	− 0.17	+12.15	332 15 53.38	43.325	−10.06	− 31.6	2 45 12.81	− 3.54	+11 13 29.6	− 9.9
10	σ Arietis	9	46 6.44	− 0.18	**+12.12**	335 43 52.68	43.608	−10.06	− 27.1	2 46 18.41	.....	+14 41 39.9	....
11	B. D.+ 9°370	9	49 10.04	− 0.17	+12.15	330 25 52.90	43.042	−10.06	− 34.2	2 49 22.02	− 3.51	+ 9 23 20.1	− 9.2
12	B. D.+15°414	9	52 2.57	− 0.18	+12.15	336 55 52.90	46.880	−10.06	− 25.6	2 52 14.54	− 3.68	+15 54 56.4	−10.1
13	λ Ceti	8	54 28.86	− 0.17	+12.15	329 33 51.65	44.668	−10.06	− 35.4	2 54 40.84	− 3.51	+ 8 31 54.8	− 8.6
14	B. D.+22°425	9	57 49.83	− 0.20	+12.15	343 43 54.02	42.785	−10.06	− 17.6	2 58 1.78	− 3.89	+22 41 31.9	−10.7
15	B. D.+17°493	9	1 56.39	− 0.18	+12.15	338 31 53.10	46.940	−10.06	− 23.6	3 2 8.36	− 3.76	+17 30 59.9	− 9.5
16	B. D.+12°452	9	6 0.41	− 0.17	+12.15	333 43 52.10	43.155	−10.06	− 29.7	3 6 12.39	− 3.65	+12 41 26.4	− 8.4
17	B. D.+17°517	9	9 15.54	− 0.18	+12.15	338 41 52.40	46.065	−10.06	− 23.5	3 9 27.51	− 3.78	+17 40 39.4	− 8.8
18	B. D.+11°459	9	13 52.36	− 0.17	+12.15	333 7 52.70	46.002	−10.06	− 30.5	3 14 4.34	− 3.66	+12 6 31.3	− 7.6
19	B. D.+20°551	9	17 9.02	− 0.19	+12.15	341 25 52.80	45.002	−10.06	− 20.2	3 17 20.98	− 3.89	+20 24 18.8	− 8.5
20	B. D.+14°559	9	19 18.56	− 0.18	+12.15	335 39 53.02	45.560	−10.06	− 27.2	3 19 30.53	− 3.74	+14 38 24.8	− 7.5
21	B. D.+14°565	9	23 31.84	− 0.18	+12.15	335 41 52.35	45.190	−10.06	− 27.2	3 23 43.81	− 3.75	+14 40 15.6	− 7.1
22	B. D.+17°564	9	25 48.97	− 0.18	+12.15	338 37 52.72	46.832	−10.06	− 23.5	3 26 0.94	− 3.83	+17 36 57.2	− 7.3
23	ε Eridani	9	28 18.54	− 0.17	**+12.10**	311 15 50.90	44.545	−10.06	−1 8.6	3 28 30.52	.....	− 9 46 41.9	....
24	B. D.+19°562	9	30 46.76	− 0.19	+12.15	340 47 53.12	42.490	−10.06	− 21.0	3 30 58.72	− 3.91	+19 45 20.9	− 7.1
25	B. D.+16°484	9	33 55.07	− 0.18	+12.15	337 15 53.02	43.898	−10.06	− 25.2	3 34 7.04	− 3.82	+16 13 48.8	− 6.4
26	B. D.+20°621	9	38 48.39	− 0.19	+12.15	341 39 52.85	43.830	−10.06	− 19.9	3 39 0.35	− 3.96	+20 37 52.3	− 6.4
27	B. D.+24°553	9	40 6.91	− 0.21	+12.15	345 17 54.02	42.938	−10.06	− 15.8	3 40 18.85	− 4.07	+24 15 37.2	− 6.6
28	B. D.+16°512	9	42 2.81	− 0.18	+12.15	337 25 52.68	46.565	−10.06	− 25.0	3 42 14.78	− 3.84	+16 24 49.6	− 5.6
29	B. D.+20°643	9	44 6.61	− 0.19	+12.15	341 53 52.15	45.095	−10.06	− 19.7	3 44 18.57	− 3.97	+20 52 20.8	− 5.9
30	B. D.+13°613	9	47 28.15	− 0.17	+12.15	335 7 51.92	44.628	−10.06	− 27.9	3 47 40.13	− 3.79	+14 6 1.7	− 4.8
31	B. D.+19°625	9	51 13.47	− 0.19	+12.15	340 49 53.62	45.720	−10.06	− 20.9	3 51 25.43	− 3.96	+19 48 35.3	− 5.0
32	B. D.+16°544	9	55 3.04	− 0.18	+12.15	338 3 52.40	43.940	−10.06	− 24.2	3 55 15.01	− 3.88	+17 1 50.1	− 4.4
33	B. D.+18°575	9	57 43.57	− 0.19	+12.15	340 7 52.38	43.832	−10.06	− 21.7	3 57 55.53	− 3.95	+19 5 50.1	− 4.3
34	B. D.+23°609	9	58 32.79	− 0.21	+12.15	344 51 53.08	46.078	−10.06	− 16.2	3 58 44.73	− 4.10	+23 50 47.6	− 4.6
35	B. D.+18°581	9	0 58.94	− 0.19	+12.16	339 55 52.48	43.678	−10.06	− 22.0	4 1 10.91	− 3.95	+18 53 46.4	− 4.0
36	B. D.+22°637 (*south*)	4	3 6.24	− 0.20	+12.16	343 51 53.40	46.202	−10.06	− 17.4	4 3 18.20	− 4.08	+22 50 49.5	− 4.1
37	B. D.+22°637 (*north*)	5	3 6.25	− 0.20	+12.16	343 51 53.40	46.450	−10.06	− 17.4	4 3 18.21	− 4.08	+22 50 55.2	− 4.1
38	B. D.+21°606	9	6 27.16	− 0.20	+12.16	342 19 52.40	42.950	−10.06	− 19.2	4 6 39.12	− 4.03	+21 17 32.5	− 3.6
39	B. D.+15°603	9	10 14.44	− 0.18	+12.16	336 11 52.15	44.152	−10.06	− 26.5	4 10 26.42	− 3.86	+15 9 52.4	− 2.8
40	B. D.+19°687	9	11 10.01	− 0.19	+12.16	340 43 53.05	46.185	−10.06	− 21.0	4 11 21.98	− 3.99	+19 42 45.3	− 3.0
41	B. D.+21°623	9	13 51.25	− 0.20	+12.16	342 33 52.45	46.085	−10.06	− 18.9	4 14 3.21	− 4.05	+21 32 44.5	− 2.9
42	B. D.+13°665	9	15 23.84	− 0.17	+12.16	334 39 51.80	45.450	−10.06	− 28.5	4 15 35.83	− 3.82	+13 38 19.7	− 2.3
43	B. D.+20°751	9	17 48.44	− 0.19	+12.16	341 47 52.38	43.445	−10.06	− 19.8	4 18 0.41	− 4.03	+20 45 43.2	− 2.4
44	B. D.+21°643	9	19 37.43	− 0.20	+12.16	342 59 53.50	46.872	−10.06	− 18.4	4 19 49.39	− 4.07	+21 59 4.0	− 2.3
45	B. D.+21°647	9	22 14.44	− 0.20	+12.16	342 25 52.40	45.640	−10.06	− 19.1	4 22 26.40	− 4.05	+21 24 34.0	− 2.0
46	B. D.+27°661	9	23 19.92	− 0.22	+12.16	348 13 53.68	43.195	−10.06	− 12.5	4 23 31.86	− 4.25	+27 11 46.0	− 2.1
47	B. D.+14°711	9	25 35.52	− 0.16	+12.16	335 55 52.52	44.745	−10.06	− 26.9	4 25 47.52	− 3.87	+14 54 5.9	− 1.4
48	ρ Tauri	9	28 19.24	− 0.18	+12.16	335 39 51.32	46.540	−10.06	− 27.3	4 28 31.22	− 3.86	+14 38 45.3	− 1.1
49	B. D.+23°715	9	30 37.88	− 0.20	+12.16	344 9 52.65	46.430	−10.06	− 17.1	4 30 49.84	− 4.12	+23 8 54.3	− 1.2
50	B. D.+24°674	9	33 27.63	− 0.21	+12.16	346 3 53.48	43.548	−10.06	− 15.0	4 33 39.58	− 4.18	+25 1 51.4	− 0.9
51	B. D.+18°684	9	37 10.84	− 0.19	+12.16	339 33 52.62	45.765	−10.06	− 22.5	4 37 22.81	− 3.98	+18 32 33.7	− 0.4
52	B. D.+27°694	8	40 30.06	− 0.23	+12.16	348 45 53.58	43.022	−10.06	− 12.0	4 40 41.99	− 4.28	+27 43 42.5	− 0.2
53	B. D.+18°734	9	43 0.36	− 0.19	+12.16	339 35 52.85	41.960	−10.06	− 22.5	4 43 12.33	− 3.98	+18 33 7.0	+ 0.2
54	π³ Orionis	9	44 32.68	− 0.16	**+12.15**	327 49 51.82	44.355	−10.06	− 38.0	4 44 44.68	.....	+ 6 47 45.3	....
55	π⁵ Orionis	9	49 9.73	− 0.16	**+12.19**	323 19 52.45	43.060	−10.06	− 45.0	4 49 21.73	.....	+ 2 17 9.3	....
	December 6, Hl.												
56	*f* Puppis	9	33 42.47	− 0.23	+12.05	286 20	......	.....	. ....	7 33 54.29	− 3.04	−34 45	....
57	*l* Puppis	9	39 50.90	− 0.19	+12.05	292 19 50.10	45.370	− 9.69	−2 26.7	7 40 2.76	− 3.04	−28 43 41.5	+ 5.2

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
6 0 47	30.15	34.9	35.1	2.	Bisections at II, III, IV, V, VI.	2	+31 20.0	+14 45.9	...	+46 5.9
1 20	30.15	35.3	34.4	5, 15, 31, 35, 48, 51.	Bisections at II, VII.					
2 21	30.15	34.0	35.1	9, 26, 36, 39, 45.	Bisections at I, II.					
2 48	......	....	34.6	34, 37.	Bisections at VI, VII.					
3 10	30.14	33.5	34.2							
3 35	......	....	34.2							
4 5	30.14	32.8	35.1							
4 27	......	....	33.2							
4 50	30.13	32.3	32.4	Notes.						
7 22	30.125	32.6	35.2	3–37.	Images unsteady.					
7 38	......	....	30.4	56.	Fuzzy; unsteady.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	φ Geminorum	9	47 32.88	− 0.21	**+12.11**	348 1 54.12	45.045	− 9.69	− 12.8	7 47 44.72	.....	+27 0 28.8	....
2	3 Cancri	9	55 12.24	− 0.16	+12.05	338 35 51.50	44.205	− 9.69	− 23.8	7 55 24.13	− 3.42	+17 33 56.0	+16.0
3	μ Cancri	9	2 2.06	− 0.18	+12.05	342 53 52.42	42.090	− 9.69	− 18.6	8 2 13.93	− 3.45	+21 51 13.8	+17.4
4	β Cancri	9	11 13.20	− 0.15	**+12.04**	330 29 51.70	46.210	− 9.69	− 34.3	8 11 25.10	.....	+ 9 28 31.6	....
5	30 Monocerotis	9	20 46.02	− 0.13	**+12.06**	317 25 51.42	46.020	− 9.69	− 55.7	8 20 57.94	.....	− 3 35 54.4	....
6	β Pyxidis	9	36 14.31	− 0.23	+12.05	286 5 50.40	46.448	− 9.69	−3 27.5	8 36 26.13	− 2.90	−34 58 17.3	+ 4.1
7	76 Draconis s. p.	9	49 8.52	+ 4.00	+12.05	58 47 54.30	45.749	− 9.69	+1 40.6	20 49 24.57	.....	+82 11 19.7	....
8	κ Cancri	9	2 27.22	− 0.15	**+12.08**	332 3 51.58	46.870	− 9.69	− 32.2	9 2 39.12	.....	+11 2 48.7	....
9	83 Cancri	9	13 31.89	− 0.17	**+12.08**	339 7 51.98	44.870	− 9.69	− 23.2	9 13 43.77	.....	+18 6 12.3	....
10	1 H. Draconis	9	23 34.05	− 3.14	+12.05	42 45 56.12	41.548	− 9.69	+ 56.4	9 23 42.96	.....	+81 44 18.6	....
11	ψ Leonis	9	38 24.33	− 0.16	+12.06	335 25 52.05	52.740	− 9.69	− 27.7	9 38 36.23	− 2.73	+14 27 7.7	+18.9
12	μ Leonis	9	47 12.65	− 0.20	**+12.01**	347 27 52.70	46.340	− 9.69	− 13.5	9 47 24.51	.....	+26 26 56.3	....
13	Venus II, C	9	45 32.79	− 0.13	+12.09	302 9 49.92	47.505	−10.18	−1 33.3	15 45 44.75	− 0.37	−18 52 0.0	....
	December 7, Hl.												
14	Sun I, S.	9	53 16.63	− 0.14	+12.10	298 9 49.75	47.262	− 9.64	−1 48.6	16 53 28.59	+70.80	−22 52 20.6	....
15	Sun II, N	9	55 38.23	− 0.14	+12.10	298 41 49.62	48.570	− 9.64	−1 46.2	16 55 50.19	−70.80	−22 19 48.2	....
16	Mercury C, C	9	4 36.03	− 0.23	+12.10	296 53 50.65	44.381	− 9.62	−1 54.2	18 4 47.90	+ 0.18	−24 9 31.0	....
17	λ Pegasi	9	41 47.48	− 0.23	**+12.14**	344 5 54.72	45.005	− 9.74	− 16.7	22 41 59.38	.....	+23 4 24.6	....
18	μ Pegasi	9	45 15.34	− 0.24	**+12.14**	345 7 53.85	45.130	− 9.74	− 15.5	22 45 27.23	.....	+24 6 27.8	....
19	α Pegasi	9	59 52.02	− 0.21	**+12.13**	335 43 52.70	44.628	− 9.74	− 26.4	23 0 3.94	.....	+14 42 4.3	....
20	φ Aquarii	9	9 14.56	− 0.21	**+12.02**	314 29 50.68	42.290	− 9.74	− 59.7	23 9 26.48	.....	− 6 33 24.4	....
21	10 Andromedæ	9	15 11.73	− 0.34	+12.13	2 35 55.22	43.085	− 9.74	+ 2.7	23 15 23.52	− 2.58	+41 34 0.5	−30.6
22	λ Draconis s. p.	9	25 33.66	+ 1.50	+12.13	71 7 56.80	44.150	− 9.74	+2 51.1	11 25 47.29	.....	+69 50 44.4	....
23	μ Sculptoris	9	35 29.63	− 0.33	+12.13	288 27 50.88	46.202	− 9.74	−2 54.1	23 35 41.43	− 2.14	−32 35 49.2	− 6.0
24	19 Piscium	9	41 22.77	− 0.21	+12.13	323 59 53.48	44.905	− 9.74	− 42.7	23 41 34.69	− 2.44	+ 2 57 55.1	−18.0
25	ω Piscium	9	54 16.59	− 0.21	**+12.15**	327 21 51.48	46.515	− 9.74	− 37.7	23 54 28.52	.....	+ 6 20 34.9	....
26	128 H¹. Camelopardalis s. p.	5	59 29.00	+ 6.64	+12.14	54 54	......	.....	. ....	11 59 47.78	+10.28	+86 6	....
27	γ Pegasi	9	8 11.36	− 0.22	**+12.18**	335 41 52.60	43.710	− 9.74	− 26.6	0 8 23.28	.....	+14 39 43.0	....
28	10 Ceti	9	21 35.73	− 0.21	+12.14	320 27 51.00	44.815	− 9.74	− 48.8	0 21 47.66	− 2.64	− 0 34 15.5	−15.4
29	49 G. Ceti	9	25 28.39	− 0.28	+12.14	296 43 50.98	46.755	− 9.74	−1 57.0	0 25 40.25	− 2.42	−24 18 39.3	− 7.4
30	82 B. Ceti	9	32 18.76	− 0.29	+12.14	295 45 49.70	45.420	− 9.74	−2 2.2	0 32 30.61	.....	−25 17 16.3	....
31	δ Piscium	9	43 36.07	− 0.22	**+12.18**	328 5 51.62	46.008	− 9.74	− 36.9	0 43 47.99	.....	+ 7 4 24.2	....
32	υ Piscium	9	14 6.10	− 0.26	**+12.14**	347 47 53.02	44.565	− 9.74	− 12.8	1 14 17.98	.....	+26 46 16.7	....
	December 7, Ei.-Y.												
33	Moon I, S.	9	6 33.47	− 0.22	+12.26	328 13 51.40	47.994	− 9.69	− 36.6	2 6 45.51	+61.52	+ 7 13 9.7	....
34	δ Ceti	9	34 28.04	− 0.22	**+12.21**	320 57 51.80	43.550	− 9.69	− 48.1	2 34 40.09	.....	− 0 4 42.9	....
35	γ Ceti	9	38 13.99	− 0.22	**+12.20**	323 51 52.68	45.965	− 9.69	− 43.4	2 38 26.04	.....	+ 2 50 17.9	....
36	B. D.+18°344	9	40 52.01	− 0.23	+12.27	339 27 52.22	45.610	− 9.69	− 22.2	2 41 4.05	− 3.70	+18 26 30.5	−11.5
37	B. D.+16°355	9	43 50.99	− 0.23	+12.27	338 5 53.25	45.290	− 9.69	− 23.9	2 44 3.03	− 3.68	+17 4 22.5	−11.0
38	σ Arietis	9	46 6.34	− 0.23	**+12.27**	335 43 53.28	43.535	− 9.69	− 26.8	2 46 18.38	.....	+14 41 39.5	....
39	B. D.+15°400	9	47 45.84	− 0.23	+12.27	337 7 51.80	44.300	− 9.69	− 25.1	2 47 57.88	− 3.67	+16 5 57.2	−10.5
40	B. D.+22°406	9	50 3.36	− 0.24	+12.27	343 15 53.82	42.345	− 9.69	− 17.9	2 50 15.39	− 3.84	+22 13 21.8	−11.4
41	B. D.+21°397	9	53 18.07	− 0.24	+12.27	342 15 52.88	45.390	− 9.69	− 19.0	2 53 30.10	− 3.83	+21 14 29.3	−10.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 7 52	......	....	30.8
8 6	......	....	30.8
8 15	30.11	31.1	30.3
8 27	......	....	30.0
8 42	......	....	29.1
8 58	......	....	28.9
9 8	30.115	29.8	....
9 17	......	....	29.3
9 42	......	....	30.1
9 35	30.115	29.7	29.2
15 46	30.13	42.8	45.9
7 16 56	30.13	46.5	49.0
18 5	30.14	48.7	50.5
22 30	30.115	46.4	47.7
22 49	......	....	46.1
22 55	......	....	46.4
23 4	......	....	46.1
23 19	......	....	46.25
23 34	......	....	45.3
23 46	30.115	44.2	45.0
0 4	......	....	43.3
0 13	......	....	43.2
0 30	......	....	41.3
0 39	......	....	41.1
1 19	30.13	41.2	41.7
2 4	30.11	40.9	41.7
2 32	30.105	40.7	40.5

Micrometer bisections are made at II, VI, except as noted below.

6, 7, 10, 13, 16, 22.	Bisections at I, II, VI, VII.
14.	Bisections at I, II.
15, 35.	Bisections at VI, VII.
33.	Bisections at II, III, IV, V, VI.
39.	Bisections at II, VI, VII.

Notes.

1-12.	Conditions rather poor.
6.	Fuzzy; unsteady.
7, 28.	Fuzzy.
9, 28.	Revolutions of micrometer reading assumed.
30.	Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
13	+ 4.6	.. ....	0.0	+ 4.6
14	+ 7.9	+16 16.1	...	+16 24.0
15	+ 7.8	−16 16.2	...	−16 8.4
16	+ 10.1	.. ....	− 0.1	+ 10.0
33	+28 12.6	+14 45.2	...	+42 57.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+10°401	9	55 26.44	− 0.22	+12.27	331 31 51.90	44.268	− 9.69	− 32.3	2 55 38.49	− 3.56	+10 29 49.4	− 8.8
2	B. D.+24°431	9	59 44.24	− 0.25	+12.27	345 55 54.30	42.215	− 9.69	− 14.9	2 59 56.26	− 3.97	+24 53 22.2	−10.9
3	B. D.+14°518	9	3 18.64	− 0.23	+12.27	335 59 52.70	46.378	− 9.69	− 26.5	3 3 30.68	− 3.70	+14 58 44.2	− 8.9
4	δ Arietis	9	6 3.51	− 0.24	**+12.26**	340 23 53.45	44.845	− 9.69	− 21.2	3 6 15.54	....	+19 22 15.2	....
5	B. D.+23°423	9	8 19.39	− 0.25	+12.27	344 55 52.62	46.120	− 9.69	− 16.0	3 8 31.41	− 3.97	+23 54 48.7	− 9.8
6	B. D.+21°432	9	11 46.41	− 0.24	+12.27	342 57 53.48	44.648	− 9.69	− 18.2	3 11 58.44	− 3.92	+21 56 13.7	− 9.2
7	B. D.+16°423	9	14 28.81	− 0.23	+12.27	338 11 53.02	42.885	− 9.69	− 23.8	3 14 40.85	− 3.79	+17 9 27.4	− 8.2
8	B. D.+24°481	9	18 33.76	− 0.25	+12.27	345 25 53.48	42.495	− 9.69	− 15.5	3 18 45.78	− 4.02	+24 23 27.2	− 8.9
9	B. D.+18°484	9	21 29.61	− 0.23	+12.27	339 27 52.15	43.250	− 9.69	− 22.3	3 21 41.65	− 3.85	+18 25 36.4	− 7.8
10	B. D.+24°503	9	25 28.99	− 0.25	+12.27	345 57 53.90	44.088	− 9.69	− 14.9	3 25 41.01	− 4.06	+24 56 4.6	− 8.2
11	B. D.+13°568	9	27 56.57	− 0.22	+12.27	334 29 51.45	44.230	− 9.69	− 28.4	3 28 8.62	− 3.73	+13 27 52.0	− 6.5
12	B. D.+14°586	9	32 19.52	− 0.23	+12.27	336 9 52.45	42.502	− 9.69	− 26.3	3 32 31.56	− 3.79	+15 7 15.6	− 6.3
13	B. D.+19°578	9	36 41.97	− 0.24	+12.27	340 25 52.28	44.045	− 9.69	− 21.2	3 36 54.00	− 3.92	+19 23 55.7	− 6.4
14	B. D.+24°546	9	39 21.58	− 0.25	+12.27	345 33 54.02	45.580	− 9.69	− 15.3	3 39 33.60	− 4.09	+24 32 38.4	− 6.7
15	B. D.+23°522	9	40 33.18	− 0.25	+12.27	344 39 52.85	47.438	− 9.69	− 16.3	3 40 45.20	− 4.06	+23 39 18.8	− 6.5
16	B. D.+23°556	9	43 10.21	− 0.25	+12.27	344 35 52.85	44.393	− 9.69	− 16.4	3 43 22.23	− 4.06	+23 34 9.0	− 6.2
17	B. D.+25°624	9	44 28.27	− 0.25	+12.27	346 19 54.35	43.150	− 9.69	− 14.5	3 44 40.29	− 4.13	+25 17 44.0	− 6.2
18	B. D.+25°641	9	47 43.26	− 0.25	+12.27	346 25 53.82	44.370	− 9.69	− 14.4	3 47 55.28	− 4.14	+25 24 11.5	− 5.9
19	B. D.+20°669	9	51 29.39	− 0.24	+12.27	342 3 51.98	46.795	− 9.69	− 19.3	3 51 41.42	− 4.00	+21 3 0.2	− 5.1
20	B. D.+15°565	9	55 14.66	− 0.23	+12.27	336 13 52.12	45.978	− 9.69	− 26.2	3 55 26.70	− 3.84	+15 12 34.8	− 4.2
21	B. D.+21°587	9	59 34.73	− 0.24	+12.27	342 47 52.52	42.188	− 9.69	− 18.5	3 59 46.76	− 4.04	+21 45 16.3	− 4.3
22	B. D.+14°657	9	2 11.13	− 0.23	+12.27	335 55 52.98	46.105	− 9.69	− 26.6	4 2 23.17	− 3.84	+14 54 38.1	− 3.5
23	B. D.+24°629	9	4 43.29	− 0.25	+12.27	346 7 53.35	46.410	− 9.69	− 14.7	4 4 55.31	− 4.16	+25 6 57.4	− 4.1
24	B. D.+27°649	8	8 32.07	− 0.26	+12.27	348 45 52.38	41.450	− 9.69	− 11.8	4 8 44.08	− 4.26	+27 43 15.1	− 3.8
25	B. D.+22°670	9	12 27.10	− 0.25	+12.27	343 35 53.22	45.510	− 9.69	− 17.5	4 12 39.12	− 4.09	+22 34 33.8	− 3.1
26	B. D.+27°655	9	14 22.86	− 0.26	+12.27	348 9 53.35	42.545	− 9.69	− 12.5	4 14 34.87	− 4.25	+27 7 31.2	− 3.1
27	B. D.+13°668	9	16 34.02	− 0.22	+12.27	334 53 51.78	42.540	− 9.69	− 27.9	4 16 46.07	− 3.84	+13 51 14.2	− 2.1
28	B. D.+17°714	9	18 29.01	− 0.23	+12.27	338 15 52.48	43.090	− 9.69	− 23.8	4 18 41.05	− 3.93	+17 13 31.5	− 2.1
29	B. D.+22°696	9	20 29.33	− 0.25	+12.27	343 37 53.55	43.955	− 9.69	− 17.5	4 20 41.35	− 4.10	+22 35 58.7	− 2.2
30	ε Tauri	9	22 56.02	− 0.23	**+12.32**	339 59 52.30	44.968	− 9.69	− 21.7	4 23 8.06	....	+18 58 16.4	....
31	B. D.+23°701	9	24 31.78	− 0.25	+12.27	344 23 52.90	46.438	− 9.69	− 16.6	4 24 43.80	− 4.13	+23 22 55.6	− 1.8
32	B. D.+15°645	9	26 17.96	− 0.23	+12.27	336 39 51.70	46.925	− 9.69	− 25.7	4 26 30.00	− 3.90	+15 38 56.5	− 1.3
33	B. D.+22°712	9	28 56.31	− 0.24	+12.27	343 31 52.70	43.390	− 9.69	− 17.6	4 29 8.34	− 4.10	+22 29 44.8	− 1.3
34	B. D.+27°673	9	31 7.12	− 0.26	+12.27	348 45 53.32	43.793	− 9.69	− 11.8	4 31 19.13	− 4.29	+27 44 0.4	− 1.3
35	B. D.+15°666	9	33 42.26	− 0.23	+12.27	336 45 51.85	44.048	− 9.69	− 25.5	4 33 54.30	− 3.90	+15 43 51.1	− 0.6
36	τ Tauri	9	36 24.58	− 0.25	**+12.32**	343 47 52.42	45.490	− 9.69	− 17.3	4 36 36.60	....	+22 46 32.8	....
37	B. D.+20°808	9	37 21.32	− 0.24	+12.27	341 27 51.72	46.740	− 9.69	− 19.9	4 37 33.35	− 4.04	+20 26 58.0	− 0.4
38	B. D.+19°777	9	40 53.69	− 0.24	+12.27	340 21 52.28	42.470	− 9.69	− 21.2	4 41 5.72	− 4.01	+19 19 19.8	0.0
39	B. D.+15°687	9	44 9.84	− 0.23	+12.27	336 45 51.62	45.372	− 9.69	− 25.6	4 44 21.88	− 3.91	+15 44 21.1	+ 0.4
40	B. D.+20°840	9	48 57.84	− 0.24	+12.27	341 57 52.55	46.062	− 9.69	− 19.4	4 49 9.87	− 4.06	+20 56 43.9	+ 0.8
41	*k* Tauri	9	52 12.57	− 0.25	+12.27	345 55 53.80	44.605	− 9.69	− 14.9	4 52 24.59	− 4.19	+24 54 16.4	+ 1.1
42	ι Tauri	9	57 17.00	− 0.24	**+12.34**	342 29 53.48	42.178	− 9.69	− 18.8	4 57 29.03	....	+21 27 16.7	....
43	11 Orionis	9	59 0.27	− 0.23	**+12.26**	336 17 51.58	45.332	− 9.69	− 26.2	4 59 12.31	....	+15 16 19.5	....
	December 7, Br.												
44	κ Cancri	9	2 27.26	− 0.24	**+12.16**	332 3 51.62	46.805	−10.28	− 31.7	9 2 39.19	....	+11 2 47.1	....
45	98 B. Cephei s. p.	9	7 8.19	+ 2.24	+12.17	63 13 54.68	45.850	−10.28	+1 58.8	21 7 22.60	....	+77 45 0.9	....
46	83 Cancri	9	13 31.86	− 0.25	**+12.23**	339 7 51.35	44.828	−10.28	− 22.8	9 13 43.78	....	+18 6 10.5	....
47	B. A. C. 7504 s. p.	5	18 5.44	+ 7.64	+12.17	54 19 54.82	46.850	−10.28	+1 23.7	21 18 25.25	....	+86 39 12.8	....
48	10 Leonis Minoris	9	28 15.56	− 0.33	+12.17	357 49 52.48	45.455	−10.28	− 2.2	9 28 27.40	....	+36 48 46.5	....
49	ι Hydræ	9	34 51.10	− 0.24	+12.17	320 19 51.28	43.178	−10.28	− 49.8	9 35 3.03	− 2.74	− 0 42 54.2	+14.0
50	ε Leonis	9	40 18.56	− 0.27	**+12.19**	345 13 52.68	44.962	−10.28	− 15.8	9 40 30.46	....	+24 12 21.9	....
51	μ Leonis	9	47 12.66	− 0.28	**+12.12**	347 27 52.05	46.312	−10.28	− 13.3	9 47 24.55	....	+26 26 54.6	....
52	η Leonis	9	1 59.97	− 0.25	**+12.14**	338 15 52.10	42.405	−10.28	− 24.0	10 2 11.89	....	+17 13 14.7	....
53	λ Hydræ	9	5 48.11	− 0.26	**+12.15**	309 9 49.90	43.420	−10.28	−1 13.7	10 6 0.02	....	−11 53 13.9	....
54	32 Ursæ Majoris	9	11 0.23	− 0.82	+12.17	26 35 54.28	43.062	−10.28	+ 30.2	10 11 11.58	....	+65 34 26.1	....
55	42 Leonis	9	16 34.43	− 0.25	+12.17	336 27 50.72	47.110	−10.28	− 26.1	10 16 46.35	− 2.50	+15 26 58.8	+19.8
56	μ Hydræ	9	21 20.37	− 0.27	**+12.15**	304 41 49.52	44.012	−10.28	−1 26.7	10 21 32.27	....	−16 21 13.7	....
57	37 Ursæ Majoris	9	28 53.77	− 0.58	+12.17	18 33 53.10	47.165	−10.28	+ 20.3	10 29 5.36	− 2.44	+57 33 48.8	+32.2
58	35 H. Ursæ Majoris	9	36 7.81	− 1.02	+12.18	30 33 54.80	46.568	−10.28	+ 35.7	10 36 18.97	− 2.31	+69 33 52.2	+34.5

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
7 2 57	......	....	39.1						
3 22	30.10	39.2	38.4						
3 46	......	....	38.3						
4 6	30.11	38.4	38.1						
4 33	......	....	39.2						
5 0	30.10	38.5	38.2						
8 57	30.05	36.3	35.6						
9 24	......	....	35.0						
9 59	30.05	34.8	33.9						
10 21	......	....	33.8						
10 29	30.06	34.1	33.8						

2, 13, 19, 25, 33, 37, 56.	Bisections at VI, VII.
14, 16, 36, 44, 52.	Bisections at I, II.
17.	Bisections at II, VI, VII.
34.	Bisections at II, VII.
45, 54, 57, 58.	Bisections at III, V.
47.	Bisections at III, IV.

Notes.

40. Faint.
42. Unsteady.
45. Slight haze.
51. Haze; unsteady.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	42 Leonis Minoris........	9	40 25.51	− 0.30	+12.18	352 11 53.20	45.175	−10.28	− 8.2	10 40 37.39	.....	+31 10 34.8	....
2	*l* Leonis................	5	44 6.27	− 0.24	**+12.20**	332 3 51.45	46.360	−10.28	− 31.8	10 44 18.21	.....	+11 2 36.7	....
3	46 Leonis Minoris........	6	47 50.50	− 0.32	+12.18	355 43 51.95	46.738	−10.28	− 4.4	10 48 2.36	.....	+34 43 13.1	....
4	47 Ursæ Majoris..........	9	53 59.26	− 0.36	+12.18	1 57 52.82	42.765	−10.28	+ 2.1	10 54 11.08	− 2.10	+40 55 49.8	+27.8
5	χ Leonis................	9	59 57.33	− 0.24	**+12.17**	328 51 50.95	46.832	−10.28	− 36.3	11 0 9.27	.....	+ 7 50 42.5	....
6	ψ Ursæ Majoris..........	9	4 9.74	− 0.40	+12.18	6 1 53.18	44.095	−10.28	+ 6.4	11 4 21.52	.....	+45 0 24.8	....
7	δ Leonis................	9	8 53.62	− 0.26	**+12.23**	342 3 50.88	45.072	−10.28	− 19.4	11 9 5.54	.....	+21 2 19.0	....
8	φ Leonis................	9	11 40.21	− 0.24	+12.18	317 53 50.88	45.435	−10.28	− 54.3	11 11 52.15	− 2.20	− 3 8 7.5	+12.6
9	τ Leonis................	9	22 53.33	− 0.24	**+12.14**	324 23 50.95	46.695	−10.28	− 43.0	11 23 5.27	.....	+ 3 22 32.7	....
10	Venus II, C............	9	50 42.14	− 0.35	+12.20	301 51 50.12	46.574	− 9.50	−1 33.6	15 50 53.99	− 0.37	−19 10 20.7	....
	December 8, Br.												
11	Sun I, N...............	9	57 39.53	− 0.37	+12.20	298 35 50.65	46.852	− 9.82	−1 45.8	16 57 51.36	+70.75	−22 26 26.4	....
12	Sun II, S..............	9	0 1.03	− 0.37	+12.20	298 3 50.42	45.622	− 9.82	−1 48.2	17 0 12.86	−70.75	−22 58 56.9	....
	December 10, Hl.												
13	β Ceti..................	9	38 39.71	− 0.30	**+12.42**	302 31 53.10	46.505	−10.42	−1 33.0	0 38 51.82	.....	−18 30 19.6	....
14	δ Piscium...............	9	43 35.83	− 0.24	**+12.41**	328 5 54.78	45.880	−10.42	− 37.0	0 43 48.00	.....	+ 7 4 23.7	....
15	109 G. Sculptoris.........	9	18 56.35	− 0.38	+12.41	289 37 53.85	44.270	−10.42	−2 45.6	1 19 8.38	− 2.53	−31 26 22.5	− 3.2
16	38 Cassiopeiæ...........	9	24 4.00	− 0.91	+12.41	30 47 59.42	44.205	−10.42	+ 35.7	1 24 15.50	.....	+69 47 2.4	....
17	[illegible] Piscium...............	9	36 20.07	− 0.23	**+12.45**	326 1 54.08	46.758	−10.42	− 40.2	1 36 32.25	.....	+ 5 0 39.9	....
18	ε Sculptoris............	9	41 2.50	− 0.34	+12.41	295 31 53.28	44.640	−10.42	−2 4.3	1 41 14.57	.....	−25 31 33.3	....
19	υ Ceti..................	9	55 22.47	− 0.31	+12.42	299 31 53.48	42.155	−10.42	−1 45.0	1 55 34.58	.....	−21 32 10.6	....
20	67 Ceti..................	9	12 5.63	− 0.25	**+12.35**	314 11 53.50	42.200	−10.42	−1 1.3	2 12 17.80	.....	− 6 51 25.9	....
21	ι Cassiopeiæ............	8	21 9.13	− 0.77	+12.42	27 59 59.85	44.065	−10.42	+ 31.9	2 21 20.78	.....	+66 58 55.8	....
22	128 H¹. Ceti.............	9	30 43.56	− 0.23	+12.42	327 27 53.52	45.555	−10.42	− 38.0	2 30 55.75	.....	+ 6 26 14.0	....
23	γ Persei................	9	57 48.11	− 0.43	+12.42	14 9 58.20	43.378	−10.42	+ 15.2	2 58 0.10	.....	+53 8 21.9	....
24	ζ Arietis...............	9	9 18.02	− 0.23	**+12.41**	341 41 55.55	48.672	−10.42	− 19.7	3 9 30.21	.....	+20 41 45.5	....
25	τ¹ Arietis...............	9	15 36.13	− 0.23	**+12.44**	341 49 54.78	45.345	−10.42	− 19.6	3 15 48.32	.....	+20 48 28.8	....
26	*f* Tauri.................	9	25 29.12	− 0.22	**+12.43**	333 37 54.00	46.730	−10.42	− 29.6	3 25 41.32	.....	+12 36 49.7	....
27	Moon I, S..............	9	33 31.03	− 0.21	+12.43	337 33 56.52	43.885	−10.42	− 24.7	4 33 43.25	+64.65	+16 31 52.1	....
28	Venus II, C............	9	6 17.17	− 0.25	+12.46	300 59 52.98	47.336	−10.92	−1 36.3	16 6 29.38	− 0.37	−20 2 4.5	....
	December 11, Hl.												
29	Sun I, N...............	9	10 49.60	− 0.27	+12.47	298 19 51.78	43.935	−10.62	−1 46.4	17 11 1.80	+71.06	−22 43 33.3	....
30	Sun II, S..............	9	13 11.73	− 0.27	+12.47	297 47 52.95	42.615	−10.62	−1 48.8	17 13 23.93	−71.07	−23 16 4.5	....
31	ω Piscium...............	9	54 16.23	− 0.23	**+12.48**	327 22	......	.....	. ....	23 54 28.49	.....	+ 6 20	....
32	2 Ceti...................	9	58 42.59	− 0.28	**+12.46**	303 10	......	.....	. ....	23 58 54.80	.....	−17 51	....
33	33 Piscium...............	9	0 18.61	− 0.24	**+12.47**	314 48	......	.....	. ....	0 0 30.86	.....	− 6 14	....
34	α Andromedæ............	9	3 19.11	− 0.27	**+12.53**	349 34	......	.....	. ....	0 3 31.33	.....	+28 34	....
35	γ Pegasi................	9	8 10.98	− 0.23	**+12.52**	335 40	......	.....	. ....	0 8 23.24	.....	+14 39	....
36	β Ceti..................	9	38 39.70	− 0.28	**+12.41**	302 31 53.88	46.350	−11.17	−1 30.0	0 38 51.91	.....	−18 30 20.1	....
37	32² H. Camelopardalis s. p.	7	47 58.99	+ 4.08	+12.49	57 4	......	.....	....	12 48 15.56	.....	+83 55	....
38	*f* Piscium...............	9	12 44.57	− 0.23	+12.49	324 7 55.98	47.962	−11.17	− 41.6	1 12 56.83	.....	+ 3 7 7.1	....
39	38 Cassiopeiæ...........	9	24 3.95	− 0.94	+12.49	30 47 59.52	44.275	−11.17	+ 34.5	1 24 15.50	.....	+69 47 2.1	....
40	40 Cassiopeiæ...........	9	30 50.57	− 1.12	+12.49	33 33 59.78	46.222	−11.17	+ 38.4	1 31 1.94	.....	+72 33 50.7	....
41	ε Sculptoris............	9	41 2.46	− 0.33	+12.49	295 31 53.50	44.470	−11.17	−2 0.0	1 41 14.62	.....	−25 31 33.5	....
42	υ Ceti..................	9	55 22.41	− 0.30	+12.49	299 31 53.50	41.980	−11.17	−1 41.6	1 55 34.60	.....	−21 32 12.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 11 26	30.065	34.8	34.0
15 51	30.12	47.8	49.0
8 17 0	30.09	50.9	52.2
10 0 25	29.70	33.9	33.0
0 46	......	....	32.9
1 9	......	....	32.3
1 32	29.72	33.3	32.1
1 44	......	....	32.1
2 0	......	....	32.0
2 26	......	....	32.0
2 48	29.73	32.8	31.9
3 20	......	....	31.9
3 32	......	....	31.8
3 52	29.70	32.8	....
4 33	29.71	32.2	31.0
16 6	29.545	41.4	42.0
11 17 13	29.51	44.8	45.4
0 32	29.52	44.8	46.0
0 55	......	....	46.1
1 16	29.54	44.9	46.1
1 37	......	....	46.0
1 50	......	....	45.2

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 3, 8, 12, 30. Bisections at VI, VII.
4, 6. Bisections at III, V.
5, 7, 11, 29. Bisections at I, II.
10, 28. Bisections at I, II, VI, VII.
15. Bisections at b_4, b_5. b_6.
23. Bisections at II, VII.
27. Bisections at b_1, b_4, b_6, b_9.
36. Bisections at II, VI, VII.

Notes.

2, 4, 9, 15, 31, 37. Faint.
4, 5, 8, 9. Haze.
15, 36. Unsteady.
23, 25, 26, 31, 37, 42. Clouds.
41. Unsteady; fuzzy.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 4.6	.. ....	0.0	+ 4.6
11	+ 7.8	−16 15.2	...	−16 7.4
12	+ 7.9	+16 15.2	...	+16 23.1
27	+20 36.7	+14 54.6	...	+35 31.3
28	+ 4.6	.. ....	0.0	+ 4.6
29	+ 7.8	−16 15.5	...	−16 7.7
30	+ 7.9	+16 15.6	...	+16 23.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Persei	9	1 51.53	− 0.33	+12.50	1 37 58.00	42.092	−11.17	+ 1.7	3 2 3.70	.....	+40 35 38.2	....
2	1 H. Ursæ Minoris s. p.	9	13 15.61	+ 1.25	+12.50	73 16 2.20	44.572	−11.17	+3 11.8	15 13 29.36	.....	+67 42 10.1	....
3	ε Eridani	9	28 18.26	− 0.27	**+12.48**	311 15 55.10	44.320	−11.17	−1 6.1	3 28 30.49	.....	− 9 46 41.4	....
4	10 Tauri	9	31 52.61	− 0.25	+12.50	321 7 56.65	45.528	−11.17	− 46.8	3 32 4.86	.....	+ 0 6 7.0	....
5	τ⁶ Eridani	9	42 36.67	− 0.33	+12.50	297 31 54.35	43.395	−11.17	−1 50.9	3 42 48.84	.....	−23 31 48.1	....
6	Jupiter I, C	5	48 9.46	− 0.24	+12.50	340 1 57.52	44.612	−11.17	− 21.0	3 48 21.72	+ 1.70	+19 1 55.6	....
7	Jupiter II	5	48 12.87	− 0.24	+12.50	... .	......	.....	. ....	3 48 25.13	− 1.71	.. ..	....
8	o¹ Eridani	9	7 4.88	− 0.26	**+12.46**	313 55 55.60	48.342	−11.17	−1 0.2	4 7 17.12	.....	− 7 5 3.1	....
9	γ Tauri	9	14 14.78	− 0.24	**+12.54**	336 23 56.18	49.562	−11.17	− 25.3	4 14 27.04	.....	+15 24 0.2	....
	December 11, Br.												
10	Moon I, S.	9	26 8.01	− 0.26	+12.51	339 17 56.25	43.243	−10.49	− 22.1	5 26 20.26	+65.67	+18 15 39.7	....
11	Moon II.	9	28 19.44	− 0.26	+12.51	... .	......	.....	. ....	5 28 31.69	−65.76	.. ..	....
12	35 Draconis s. p.	9	53 19.91	+ 1.98	+12.51	63 59 59.72	46.470	−11.08	+1 59.8	17 53 34.40	.....	+76 58 41.5	....
13	δ Ursæ Minoris s. p.	7	1 59.71	+ 7.00	+12.51	54 23 59.22	42.168	−11.08	+1 21.7	18 2 19.22	.....	+86 36 58.5	....
14	η Geminorum	9	9 0.43	− 0.26	**+12.57**	343 33 56.25	43.880	−11.08	− 17.2	6 9 12.68	.....	+22 31 58.5	....
15	7 Monocerotis	9	14 59.54	− 0.26	+12.51	313 15 54.82	43.190	−11.08	−1 2.1	6 15 11.79	.....	− 7 47 3.4	....
16	φ Draconis s. p.	9	21 48.96	+ 1.45	+12.51	69 39 58.72	48.092	−11.08	+2 37.6	18 22 2.92	+ 4.56	+71 17 27.7	−15.0
17	23 H. Camelopardalis	9	30 5.82	− 2.01	+12.51	40 39 59.05	45.782	−11.08	+ 50.5	6 30 16.32	.....	+79 39 52.4	....
18	Neptune C, C	8	41 1.72	− 0.26	+12.51	343 9 55.38	45.058	−11.08	− 17.7	6 41 13.97	.....	+22 8 24.1	....
19	θ Canis Majoris	9	49 37.72	− 0.28	**+12.52**	309 7 52.68	43.095	−11.08	−1 12.0	6 49 49.95	.....	−11 55 17.7	....
20	105 G. Canis Majoris	9	54 33.44	− 0.34	+12.51	295 45 53.20	45.435	−11.08	−2 1.0	6 54 45.61	− 3.24	−25 17 12.6	+ 6.5
21	ζ Geminorum	9	58 20.14	− 0.25	**+12.53**	341 43 54.82	45.170	−11.08	− 19.4	6 58 32.40	.....	+20 42 24.4	....
22	18 Lyncis	9	7 31.44	− 0.59	+12.51	20 47 57.50	47.788	−11.08	+ 22.5	7 7 43.36	− 6.00	+59 48 8.8	+19.1
23	λ Geminorum	9	12 29.59	− 0.24	**+12.48**	337 43 55.22	45.690	−11.08	− 24.1	7 12 41.86	.....	+16 42 32.0	....
24	λ Ursæ Minoris s. p.	4	14 25.18	+23.23	+12.51	51 59 57.62	44.582	−11.08	+1 15.6	19 15 0.92	.....	+89 0 9.8	....
25	υ Geminorum	9	29 55.84	− 0.27	+12.51	348 7 56.00	44.252	−11.08	− 12.4	7 30 8.08	− 3.90	+27 6 11.5	+16.7
26	β Geminorum	9	39 21.89	− 0.28	**+12.52**	349 15 55.30	46.602	−11.08	− 11.2	7 39 34.13	.....	+28 15 5.8	....
27	φ Geminorum	9	47 32.64	− 0.27	**+12.55**	348 1 56.10	44.958	−11.08	− 12.5	7 47 44.89	.....	+27 0 27.7	....
28	1 Cancri	9	51 27.21	− 0.24	+12.52	337 3 55.22	45.440	−11.08	− 25.0	7 51 39.49	.....	+16 2 25.4	....
29	3 Cancri	9	55 12.04	− 0.25	+12.52	338 35 55.45	44.040	−11.08	− 23.2	7 55 24.31	− 3.55	+17 33 55.4	+16.6
30	μ Cancri	9	2 1.87	− 0.26	+12.52	342 53 56.30	41.900	−11.08	− 18.2	8 2 14.13	− 3.59	+21 51 12.4	+17.9
31	173 B. Camelopardalis	9	7 35.12	− 1.44	+12.52	37 3 58.12	42.280	−11.08	+ 44.9	8 7 46.20	.....	+76 2 25.4	....
32	β Cancri	9	11 12.96	− 0.24	**+12.50**	330 29 53.85	46.040	−11.08	− 33.5	8 11 25.24	.....	+ 9 28 29.2	....
33	Venus II, C	9	11 31.11	− 0.27	+12.55	300 45 52.92	41.800	−10.08	−1 37.1	16 11 43.39	− 0.37	−20 18 11.0	....
	December 12, Br.												
34	Sun I, S.	9	15 13.94	− 0.29	+12.56	297 41 54.15	45.692	−10.58	−1 48.8	17 15 26.21	+71.09	−23 20 53.2	....
35	Sun II, N.	9	17 36.11	− 0.29	+12.56	298 13 52.62	47.098	−10.58	−1 46.4	17 17 48.38	−71.08	−22 48 20.0	....
36	5 Ursæ Minoris s. p.	9	27 22.89	+ 1.70	+12.59	64 51 59.58	46.255	−10.68	+2 2.3	14 27 37.18	.....	+76 6 43.7	....
37	ν Arietis	9	33 16.59	− 0.28	**+12.63**	342 33 55.25	47.385	−10.68	− 18.0	2 33 28.90	.....	+21 33 17.2	....
38	θ Persei	9	37 35.24	− 0.42	+12.60	9 51 57.15	42.538	−10.68	+ 10.1	2 37 47.42	.....	+48 49 56.5	....
39	η Persei	9	43 39.13	− 0.50	+12.60	16 31 57.12	43.485	−10.68	+ 17.1	2 43 51.23	− 5.62	+55 30 25.1	−17.4
40	τ² Eridani	9	46 34.58	− 0.36	+12.60	299 39 53.32	43.275	−10.68	−1 40.5	2 46 46.82	.....	−21 23 41.0	....
41	η Eridani	9	51 38.10	− 0.30	**+12.56**	311 45 53.30	44.820	−10.68	−1 4.3	2 51 50.40	.....	− 9 16 29.5	....
42	β Persei	9	1 51.44	− 0.35	+12.60	1 35 56.65	47.428	−10.68	+ 1.7	3 2 3.69	.....	+40 35 39.4	....
43	57 B. Ursæ Minoris s. p.	4	6 27.12	+ 8.92	+12.60	53 23 58.12	45.928	−10.68	+1 17.6	15 6 48.64	.....	+87 35 37.1	....
44	τ¹ Arietis	9	15 36.04	− 0.28	**+12.59**	341 49 54.60	45.275	−10.68	− 18.8	3 15 48.36	.....	+20 48 27.6	....
45	f Tauri	9	25 29.00	− 0.27	**+12.60**	333 37 54.08	46.612	−10.68	− 28.5	3 25 41.33	.....	+12 36 47.9	....
46	τ⁵ Eridani	8	29 26.46	− 0.36	+12.60	299 5 53.72	45.035	−10.68	−1 42.9	3 29 38.70	.....	−21 57 2.8	....
47	11 Tauri	9	34 57.49	− 0.29	+12.60	346 3 56.00	42.498	−10.68	− 14.2	3 35 9.80	.....	+25 1 30.1	....
48	5 H. Camelopardalis	9	40 16.78	− 0.97	+12.60	32 3 57.75	43.162	−10.68	+ 36.1	3 40 28.41	.....	+71 2 37.0	....
49	Jupiter I, C	5	47 39.94	− 0.28	+12.60	339 59 55.52	46.418	−10.68	− 20.9	3 47 52.26	+ 1.71	+19 0 35.5	....
50	Jupiter II	5	47 43.37	− 0.28	+12.60	... .	......	.....	. ....	3 47 55.69	− 1.72	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 2 49	29.56	43.1	43.0
3 17	......	....	42.8
3 38	......	....	42.7
3 56	......	....	42.6
4 23	29.565	41.3	42.0
5 28	29.58	39.9	40.1
5 54	......	....	40.0
6 42	29.57	38.3	38.2
7 39	......	....	33.9
7 58	......	....	33.0
8 16	29.57	34.5	32.9
16 12	29.59	43.7	44.0
12 17 18	29.57	47.1	48.3
2 22	29.585	45.7	48.8
2 54	......	....	48.0
3 44	......	....	48.0

Micrometer bisections are made at II, VI, except as noted below.

2, 6. 33, 49.	Bisections at I, II, VI, VII.
6, 49.	Z. D. threads A used.
10.	Bisections at II, III, IV, V, VI.
12, 17, 22, 36, 38, 39, 42.	Bisections at III, V.
13.	Bisections at b_3, b_5, b_7.
16.	Bisections at III, IV, V.
18, 25, 35.	Bisections at VI, VII.
20, 23, 27, 28, 34, 37.	Bisections at I, II.
24.	Bisections at b_1, b_2, b_4.
31.	Bisection at II.
43.	Bisections at b_1, b_3, b_5.

Notes.

2.	Unsteady.
12–32.	Conditions rather poor.
14, 32.	Haze.
15, 16.	Diffuse.
12, 23.	Faint.
12, 45, 46.	Clouds.
30.	Clouds; very unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 0.7	.. ....	...	+ 0.7
10	+19 12.2	+15 0.6	...	+34 12.8
18	+ 0.1	.. ....	...	+ 0.1
33	+ 4.6	.. ....	0.0	+ 4.6
34	+ 7.9	+16 16.5	...	+16 24.4
35	+ 7.8	−16 16.6	...	−16 8.8
49	+ 0.7	.. ....	...	+ 0.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	′
1	γ Eridani	9	53 26.85	− 0.32	**+12.58**	307 15 53.20	44.772	−10.68	−1 15.5	3 53 39.13	.....	−13 46 41.9	....
2	A Tauri	9	58 56.37	− 0.28	**+12.63**	342 51 54.98	42.558	−10.68	− 17.7	3 59 8.69	.....	+21 49 27.0	....
3	151 H¹. Cephei	8	6 55.72	− 4.33	+12.60	46 17 58.55	46.795	−10.68	+1 0.4	4 7 3.99	.....	+85 18 25.3	....
4	54 Persei	9	14 6.68	− 0.32	+12.60	355 21 54.75	44.352	−10.68	− 4.6	4 14 18.96	− 4.59	+34 20 20.8	− 3.9
5	1 Camelopardalis	9	24 23.99	− 0.47	+12.60	14 43 56.68	43.495	−10.68	+ 15.2	4 24 36.12	− 5.99	+53 42 23.0	− 3.6
6	ρ Tauri	9	28 18.96	− 0.27	+12.60	335 39 53.65	46.380	−10.68	− 26.0	4 28 31.29	− 3.91	+14 38 44.7	− 0.8
7	υ⁷ Eridani	9	31 42.46	− 0.42	+12.60	290 17 52.90	46.185	−10.68	−2 34.3	4 31 54.64	− 3.14	−30 45 28.6	+ 3.3
	December 12, Bs.												
8	Moon II, S.	9	22 33.32	− 0.29	+12.86	340 3 56.15	46.868	−10.76	− 20.9	6 22 45.89	−66.66	+19 3 3.4	....
9	Venus II, C	9	16 46.16	− 0.35	+12.89	300 27 52.00	48.344	−11.10	−1 38.1	16 16 58.70	− 0.37	−20 33 44.4	....
	December 13, Bs.												
10	Sun I, N.	9	19 38.53	− 0.36	+12.90	298 9 51.58	46.302	−11.16	−1 47.6	17 19 51.07	+71.04	−22 52 41.1	....
11	Sun II, S.	9	22 0.61	− 0.36	+12.90	297 37 51.20	45.020	−11.16	−1 50.0	17 22 13.15	−71.04	−23 25 13.1	....
12	α Pegasi	9	59 51.24	− 0.29	**+12.91**	335 43 54.25	44.575	−11.26	− 26.2	23 0 3.86	.....	+14 42 3.3	....
13	φ Aquarii	9	9 13.74	− 0.33	**+12.88**	314 29 53.70	42.180	−11.26	− 59.3	23 9 26.32	.....	− 6 33 25.0	....
14	10 Andromedæ	9	15 10.87	− 0.36	+12.91	2 35 56.62	43.118	−11.26	+ 2.7	23 15 23.42	− 2.46	+41 34 1.2	−30.5
15	υ Pegasi	9	20 27.97	− 0.30	**+12.91**	343 53 55.58	47.398	−11.26	− 16.8	23 20 40.58	.....	+22 53 18.5	....
16	λ Draconis s. p.	9	25 33.33	+ 1.13	+12.91	71 7 57.65	44.220	−11.26	+2 50.2	11 25 47.37	.....	+69 50 44.6	....
17	15 Andromedæ	9	29 48.64	− 0.35	+12.91	0 43 56.62	46.508	−11.26	+ 0.8	23 30 1.20	− 2.62	+39 43 16.7	−29.7
18	κ Andromedæ	9	35 33.76	− 0.38	+12.91	4 49 56.48	45.685	−11.26	+ 5.0	23 35 46.29	− 2.74	+43 49 2.0	−30.6
19	19 Piscium	9	41 22.02	− 0.30	+12.91	323 59 53.85	44.895	−11.26	− 42.5	23 41 34.63	− 2.37	+ 2 57 53.9	−17.7
20	25 Piscium	9	48 2.64	− 0.31	+12.91	322 35 54.52	45.352	−11.26	− 44.7	23 48 15.24	− 2.40	+ 1 34 2.8	−17.0
21	ω Piscium	9	54 15.89	− 0.30	**+12.86**	327 21 53.28	46.420	−11.26	− 37.4	23 54 28.51	.....	+ 6 20 33.3	....
22	β Cassiopeiæ	9	3 57.41	− 0.53	+12.92	19 37 56.50	47.828	−11.26	+ 21.0	0 4 9.80	.....	+58 38 6.9	....
23	γ Pegasi	9	8 10.64	− 0.29	**+12.89**	335 41 53.95	43.642	−11.26	− 26.4	0 8 23.27	.....	+14 39 41.5	....
24	5 B. Ursæ Minoris s. p.	9	13 29.33	+ 6.58	+12.92	54 ·1 58.18	46.833	−11.26	+1 20.9	12 13 48.83	+14.09	+86 57 13.5	+34.2
25	49 G. Ceti	9	25 27.67	− 0.42	+12.92	296 43 52.98	46.672	−11.26	−1 55.8	0 25 40.17	− 2.34	−24 18 39.5	− 6.8
26	77 G. Sculptoris	9	28 49.07	− 0.46	+12.92	290 57 52.20	47.855	−11.26	−2 31.7	0 29 1.53	− 2.29	−30 4 49.2	− 4.8
27	82 B. Ceti	9	32 17.93	− 0.42	+12.92	295 45 52.08	45.262	−11.26	−2 0.9	0 32 30.43	.....	−25 17 17.8	....
28	δ Piscium	9	43 35.37	− 0.30	**+12.90**	328 5 53.25	45.935	−11.26	− 36.5	0 43 47.99	.....	+ 7 4 23.1	....
29	32² H. Camelopardalis s. p.	9	47 59.02	+ 3.37	+12.92	57 3 57.60	46.485	−11.26	+1 30.9	12 48 15.31	.....	+83 55 12.3	....
30	1 B. Ursæ Minoris	8	57 41.24	−13.12	+12.92	49 32 3.65	43.650	−11.26	+1 9.1	0 57 41.04	−51.88	+88 31 25.7	−31.3
31	ζ¹ Piscium	9	8 36.37	− 0.30	**+12.93**	328 7 52.35	41.398	−11.26	− 36.6	1 8 48.99	.....	+ 7 4 38.4	....
32	υ Piscium	9	14 5.27	− 0.31	**+12.96**	347 47 55.52	44.462	−11.26	− 12.7	1 14 17.88	.....	+26 46 15.4	....
33	109 G. Sculptoris	9	18 55.76	− 0.47	+12.92	289 37 51.88	44.248	−11.26	−2 43.3	1 19 8.21	− 2.49	−31 26 23.5	− 2.8
34	48 Ceti	9	24 52.83	− 0.40	+12.92	298 55 52.40	45.038	−11.26	−1 46.1	1 25 5.35	− 2.63	−22 7 7.8	− 5.2
35	40 Cassiopeiæ	9	30 49.71	− 1.01	+12.92	33 33 57.85	46.305	−11.26	+ 39.2	1 31 1.62	.....	+72 33 51.4	....
36	ν Piscium	9	36 19.65	− 0.30	**+12.92**	326 1 53.55	46.772	−11.26	− 39.6	1 36 32.27	.....	+ 5 0 39.4	....
37	ο Piscium	9	40 13.07	− 0.30	**+12.95**	329 41 53.12	47.572	−11.26	− 34.4	1 40 25.69	.....	+ 8 41 2.5	....
	December 13, Ei.-Y.												
38	41 Arietis	9	44 14.88	− 0.31	**+12.76**	347 53 54.58	44.852	−10.90	− 12.6	2 44 27.36	.....	+26 52 23.9	....
39	σ Arietis	9	46 5.89	− 0.30	**+12.78**	335 43 54.70	43.535	−10.90	− 26.6	2 46 18.38	.....	+14 41 39.9	....
40	B. D.+19°432	9	48 44.87	− 0.30	+12.79	341 11 53.50	46.595	−10.90	− 20.1	2 48 57.36	− 3.77	+20 10 55.1	−11.2
41	B. D.+17°457	9	50 19.33	− 0.30	+12.79	338 57 54.38	46.930	−10.90	− 22.7	2 50 31.82	− 3.71	+17 57 1.1	−10.6
42	B. D.+19°440	9	53 37.57	− 0.30	+12.79	340 37 54.00	46.395	−10.90	− 20.8	2 53 50.06	− 3.77	+19 36 50.4	−10.6
43	B. D.+18°391	9	55 39.16	− 0.30	+12.79	340 3 54.88	43.718	−19.90	− 21.4	2 55 51.65	− 3.77	+19 1 49.5	−10.3
44	α Ceti	9	57 9.71	− 0.31	**+12.77**	324 45 53.30	43.010	−10.90	− 41.8	2 57 22.19	.....	+ 3 43 11.4	....
45	B. D.+11°434	9	0 57.63	− 0.30	+12.79	332 19 53.98	44.678	−10.90	− 31.0	3 1 10.12	− 3.59	+11 18 0.9	− 8.2
46	B. D.+21°416	9	5 2.59	− 0.30	+12.79	342 33 54.48	44.668	−10.90	− 18.6	3 5 15.08	− 3.88	+21 32 13.6	− 9.9
47	B. D.+22°457	9	8 36.69	− 0.30	+12.79	343 37 54.88	44.398	−10.90	− 17.4	3 8 49.18	− 3.93	+22 36 9.0	− 9.7
48	B. D.+13°535	9	12 28.51	− 0.30	+12.80	334 31 53.75	44.760	−10.90	− 28.2	3 12 41.01	− 3.69	+13 30 5.4	− 7.7
49	B. D.+23°442	9	14 38.64	− 0.30	+12.80	344 21 54.42	46.548	−10.90	− 16.5	3 14 51.14	− 3.98	+23 20 58.5	− 9.2
50	τ¹ Arietis	9	15 35.81	− 0.30	**+12.83**	341 49 54.80	45.355	−10.90	− 19.4	3 15 48.31	.....	+20 48 28.8	....
51	B. D.+12°473	9	18 47.60	− 0.30	+12.80	333 19 53.68	43.845	−10.90	− 29.7	3 19 0.10	− 3.68	+12 17 42.9	− 6.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 4 1	29.615	45.8	47.8
4 39	29.63	45.3	47.0
6 11	29.66	40.5	46.1
16 17	29.86	47.1	48.1
13 17 22	29.865	48.8	49.0
23 0	29.88	41.6	46.2
23 30	......	....	44.6
0 4	29.89	44.8	44.0
0 32	......	....	43.0
0 58	29.92	43.1	42.2
1 19	29.92	42.8	41.9
1 43	29.93	42.3	41.2
2 41	29.94	40.9	40.0
3 6	......	....	39.1

Micrometer bisections are made at II, VI, except as noted below.

1, 11.	Bisections at VI, VII.
3.	Bisections at b_2, b_3.
5.	Bisections at III, V.
8.	Bisections at I, II, IV, VI, VII.
9.	Bisections at I, II, VI, VII.
10, 49.	Bisections at I, II.
24, 29, 30.	Bisections at III, IV, V.

Notes.

1, 6, 7.	Clouds; faint.
13.	Micrometer reading decreased 2 rev.
20.	Micrometer reading increased 1 rev.
23.	Micrometer reading decreased 1 rev.
24.	Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+18 38.0	+15 7.4	...	+33 45.4
9	+ 4.6	.. ....	0.0	+ 4.6
10	+ 7.9	−16 16.0	...	−16 8.1
11	+ 7.9	+16 16.0	...	+16 23.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+22°495	9	22 44.67	− 0.30	+12.80	343 29 55.30	46.105	−10.90	− 17.5	3 22 57.17	− 3.98	+22 28 48.3	− 8.3
2	*f* Tauri	9	25 28.86	− 0.30	**+12.77**	333 37 52.60	46.775	−10.90	− 29.3	3 25 41.36	.....	+12 36 49.2	....
3	B. D.+23°473	9	28 40.51	− 0.31	+12.80	345 9 55.05	46.380	−10.90	− 15.7	3 28 53.00	− 4.06	+24 8 56.2	− 7.9
4	B. D.+20°602	9	33 20.64	− 0.30	+12.80	341 37 52.75	45.543	−10.90	− 19.6	3 33 33.14	− 3.96	+20 36 30.8	− 6.9
5	B. D.+16°497	9	37 5.05	− 0.30	+12.30	338 1 54.02	42.945	−10.90	− 23.9	3 37 17.55	− 3.86	+16 59 28.4	− 6.0
6	B. D.+22°544	9	39 55.84	− 0.30	+12.80	343 25 55.40	44.025	−10.90	− 17.6	3 40 8.34	− 4.04	+22 24 0.8	− 6.5
7	B. D.+23°536	9	41 33.71	− 0.31	+12.80	344 51 55.45	42.608	−10.90	− 16.0	3 41 46.20	− 4.09	+23 49 30.0	− 6.5
8	27 Arietis	9	43 22.30	− 0.31	+12.80	344 47 54.92	43.712	−10.90	− 16.1	3 43 34.79	− 4.09	+23 45 54.7	− 6.3
9	B. D.+21°539	9	45 53.24	− 0.30	+12.80	342 45 54.85	46.350	−10.90	− 18.4	3 46 5.74	− 4.03	+21 44 52.6	− 5.8
10	B. D.+16°527	9	48 54.19	− 0.30	+12.80	337 21 54.22	45.638	−10.90	− 24.7	3 49 6.69	− 3.88	+16 20 29.4	− 4.8
11	B. D.+26°655	9	53 9.62	− 0.32	+12.80	347 57 55.70	42.882	−10.90	− 12.6	3 53 22.10	− 4.23	+26 55 40.0	− 5.7
12	B. D.+19°643	9	55 26.32	− 0.30	+12.80	340 57 55.75	44.377	−10.90	− 20.4	3 55 38.82	− 4.00	+19 56 6.4	− 4.6
13	B. D.+18°575	9	57 43.08	− 0.30	+12.80	340 7 55.02	43.738	−10.90	− 21.4	3 57 55.58	− 3.98	+19 5 50.1	− 4.3
14	B. D.+25°675	9	0 10.39	− 0.31	+12.80	346 59 56.72	42.175	−10.90	− 13.7	4 0 22.88	− 4.22	+25 57 23.7	− 4.8
15	B. D.+16°560	9	2 24.38	− 0.30	+12.80	338 7 54.48	42.345	−10.90	− 23.8	4 2 36.88	− 3.94	+17 5 15.3	− 3.6
16	B. D.+18°594	9	5 4.03	− 0.30	+12.80	339 11 55.08	45.845	−10.90	− 22.5	4 5 16.53	− 3.97	+18 10 37.2	− 3.4
17	B. D.+19°679	9	8 40.48	− 0.30	+12.80	340 21 55.12	45.435	−10.90	− 21.2	4 8 52.98	− 4.02	+19 20 29.2	− 3.2
18	B. D.+19°687	9	11 9.59	− 0.30	+12.80	340 43 55.55	46.090	−10.90	− 20.7	4 11 22.09	− 4.03	+19 42 45.0	− 3.0
19	B. D.+21°618	9	12 37.39	− 0.30	+12.80	342 21 55.22	46.515	−10.90	− 18.8	4 12 49.89	− 4.09	+21 20 56.3	− 3.0
20	B. D.+18°624	9	14 45.33	− 0.30	+12.80	339 31 56.25	46.728	−10.90	− 22.1	4 14 57.83	− 4.00	+18 30 58.9	− 2.5
21	B. D.+25°707	9	16 39.71	− 0.31	+12.80	346 25 55.80	44.950	−10.90	− 14.3	4 16 52.20	− 4.23	+25 24 25.6	− 3.0
22	B. D.+18°633	9	19 16.36	− 0.30	+12.80	339 51 55.72	42.852	−10.90	− 21.8	4 19 28.86	− 4.02	+18 49 30.1	− 2.1
23	B. D.+22°699	9	21 28.13	− 0.31	+12.80	343 47 55.48	46.655	−10.90	− 17.2	4 21 40.62	− 4.15	+22 47 1.4	− 2.2
24	B. D.+15°632	9	23 5.72	− 0.30	+12.80	336 41 54.32	43.575	−10.90	− 25.6	4 23 18.22	− 3.94	+15 39 41.5	− 1.4
25	B. D.+15°640	9	25 12.00	− 0.30	+12.80	336 57 53.72	46.015	−10.90	− 25.2	4 25 24.50	− 3.95	+15 56 37.0	− 1.2
26	B. D.+20°778	9	29 1.10	− 0.30	+12.80	341 55 54.62	45.205	−10.90	− 19.4	4 29 13.60	− 4.10	+20 54 25.2	− 1.2
27	B. D.+18°661	9	31 34.94	− 0.30	+12.80	339 23 55.60	41.722	−10.90	− 22.3	4 31 47.44	− 4.03	+18 21 3.7	− 0.8
28	B. D.+28°680	9	35 14.80	− 0.32	+12.80	349 27 55.40	43.500	−10.90	− 11.0	4 35 27.28	− 4.38	+28 25 55.4	− 1.1
29	B. D.+27°688	9	37 32.51	− 0.32	+12.80	348 31 56.05	46.160	−10.90	− 12.0	4 37 44.99	− 4.34	+27 30 55.8	− 0.8
30	*μ* Eridani	9	40 36.17	− 0.32	**+12.81**	317 35 54.62	46.425	−10.90	− 54.2	4 40 48.65	.....	− 3 25 41.7	....
31	B. D.+28°695	9	42 11.66	− 0.32	+12.80	350 5 55.80	43.940	−10.90	− 10.3	4 42 24.14	− 4.41	+29 4 6.5	− 0.3
32	*i* Tauri	9	45 40.51	− 0.30	+12.80	339 41 54.82	46.125	−10.90	− 22.0	4 45 53.01	.....	+18 40 43.8	....
33	B. D.+20°846	9	49 26.22	− 0.30	+12.80	341 11 54.90	43.195	−10.90	− 20.2	4 49 38.72	− 4.10	+20 9 38.7	+ 0.9
34	B. D.+25°766	9	53 37.84	− 0.32	+12.80	346 49 56.18	42.905	−10.90	− 13.9	4 53 50.32	− 4.29	+25 47 39.7	+ 1.1
35	B. D.+24°739	9	57 53.95	− 0.31	+12.80	345 51 56.55	45.078	−10.90	− 14.9	4 58 6.44	− 4.26	+24 50 28.7	+ 1.6
36	B. D.+26°783	9	59 52.33	− 0.32	+12.80	347 19 56.12	43.792	−10.90	− 13.3	5 0 4.81	− 4.31	+26 18 0.5	+ 1.8
37	B. D.+29°822	9	3 32.64	− 0.33	+12.80	350 41 55.78	45.210	−10.90	− 9.7	5 3 45.11	− 4.44	+29 40 36.1	+ 2.1
38	B. D.+17°867	9	6 51.30	− 0.30	+12.80	338 7 54.52	44.018	−10.90	− 23.9	5 7 3.80	− 4.02	+17 5 53.5	+ 2.8
39	*β* Orionis	9	9 49.37	− 0.34	**+12.80**	312 43 54.55	44.272	−10.90	−1 4.3	5 10 1.83	.....	− 8 18 41.0	....
40	*τ* Orionis	9	12 50.66	− 0.33	**+12.80**	314 5 53.95	43.750	−10.90	−1 1.3	5 13 3.13	.....	− 6 56 50.5	....
	December 13, Hl.												
41	*S* Monocerotis	9	35 36.07	− 0.29	**+12.78**	331 1 54.60	41.808	−10.74	− 33.0	6 35 48.47	.....	+ 9 58 54.1	....
42	Neptune C, C	9	40 47.94	− 0.30	+12.69	343 9 55.02	45.696	−10.74	− 18.0	6 41 0.33	.....	+22 8 38.3	....
43	*ζ* Geminorum	9	58 20.07	− 0.29	**+12.69**	341 43 54.68	45.208	−10.74	− 19.7	6 58 32.47	.....	+20 42 25.2	....
44	Moon II, S.	8	17 49.14	− 0.30	+12.69	339 49 54.38	44.497	−10.74	− 21.9	7 18 1.53	−67.14	+18 48 6.5	....
45	*β* Geminorum	9	39 21.78	− 0.31	**+12.72**	349 15 55.78	46.575	−10.74	− 11.3	7 39 34.16	.....	+28 15 5.9	....
	December 14, Hl.												
46	12 Ceti	9	25 1.49	− 0.24	**+12.74**	316 33 53.05	44.018	−10.60	− 57.0	0 25 13.99	.....	− 4 28 40.7	....
47	*β* Ceti	9	38 39.36	− 0.30	**+12.73**	302 31 51.18	46.680	−10.60	−1 34.2	0 38 51.80	.....	−18 30 18.9	....
48	20 Ceti	9	47 59.36	− 0.24	**+12.71**	319 21 54.12	47.252	−10.60	− 51.7	0 48 11.86	.....	− 1 39 20.5	....
49	*τ* Piscium	9	6 16.35	− 0.24	+12.74	350 37 54.48	42.435	−10.60	− 9.9	1 6 28.85	− 3.36	+29 35 31.5	−22.1
50	*υ* Piscium	9	14 5.41	− 0.23	**+12.73**	347 47 55.32	44.505	−10.60	− 13.0	1 14 17.92	.....	+26 46 16.6	....
51	48 Ceti	9	24 52.92	− 0.32	+12.74	298 55 52.70	45.138	−10.60	−1 48.7	1 25 5.34	− 2.62	−22 7 7.1	− 5.2
52	*ν* Piscium	9	36 19.70	− 0.22	**+12.78**	326 1 53.45	46.832	−10.60	− 40.6	1 36 32.22	.....	+ 5 0 40.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 3 34	29.95	39.8	39.0
3 59	......	....	38.4
4 26	29.955	38.8	37.9
4 52	......	....	37.5
5 14	29.45	38.3	37.2
6 23	29.95	37.4	36.3
6 46	......	....	36.1
7 4	......	....	36.0
7 24	29.975	37.3	36.0
7 45	......	....	36.0
7 54	29.99	37.1	....
14 0 16	30.10	34.9	33.9
0 32	......	....	33.3
0 46	......	....	33.2
1 1	30.095	34.3	33.0
1 18	......	....	32.9
1 32	......	....	32.8

Micrometer bisections are made at II, VI, except as noted below.

4, 12. Bisections at II, VI, VII.
6, 7. Bisections at I, II.
22. Bisections at VI, VII.
26, 40. Bisections at II, VII.
42. Bisections at I, II, VI, VII.
44. Bisections at II, III, IV, V, VI.

Notes.

39. Haze.
40, 43, 45. Very faint.
41–45, 51. Haze and clouds.
46. Circle reading increased 2′.
47. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
42	+ 0.1	.. ....	...	+ 0.1
44	+19 1.0	+15 14.9	...	+34 15.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ε Cassiopeiæ	9	47 26.81	− 0.56	+12.74	24 13 58.58	43.482	−10.60	+ 27.3	1 47 38.99	.....	+63 12 36.5	....
	December 16, Hl.												
2	83 Cancri	9	13 31.19	− 0.11	**+13.04**	339 7 55.00	44.708	−10.75	− 23.1	9 13 44.02	.....	+18 6 10.7	....
3	α Hydræ	9	22 45.39	− 0.11	**+12.96**	312 47 53.58	43.530	−10.78	−1 5.4	9 22 58.22	.....	− 8 14 59.9	....
4	o Leonis	9	35 55.11	− 0.10	**+12.96**	331 21 54.78	42.565	−10.83	− 33.1	9 36 7.95	.....	+10 19 11.4	....
5	μ Leonis	9	47 12.02	− 0.14	**+12.93**	347 27 55.02	46.215	−10.86	− 13.4	9 47 24.82	.....	+26 26 54.7	....
6	Moon II, S.	9	3 38.24	− 0.10	+12.94	332 51 53.32	47.642	−10.91	− 31.0	10 3 51.08	−66.71	+11 51 8.0	....
7	τ Leonis	9	22 52.77	− 0.10	**+12.86**	324 23 54.02	46.575	−11.16	− 43.5	11 23 5.62	.....	+ 3 22 31.6	....
8	υ Leonis	9	31 54.64	− 0.10	**+12.91**	320 43 51.82	45.090	−11.19	− 49.6	11 32 7.49	.....	− 0 18 10.7	....
	December 17, Bs.												
9	Venus II, C.	9	43 17.17	− 0.09	+13.31	299 19 53.05	46.830	−10.72	−1 45.2	16 43 30.39	− 0.37	−21 42 24.7	....
	December 18, Bs.												
10	Sun I, S.	9	41 45.84	− 0.10	+13.32	297 23 51.28	43.180	−10.59	−1 53.4	17 41 59.06	+71.08	−23 39 58.0	....
11	Sun II, N.	9	44 8.01	− 0.10	+13.32	297 55 52.55	44.458	−10.59	−1 50.8	17 44 21.23	−71.09	−23 7 24.9	....
12	λ Andromedæ	9	32 44.27	− 0.27	+13.34	6 57 55.80	45.892	−10.69	+ 7.3	23 32 57.34	.....	+45 57 8.9	....
13	i^1 Aquarii	9	39 5.47	− 0.14	**+13.33**	302 13 51.65	47.270	−10.69	−1 33.4	23 39 18.67	.....	−18 48 4.3	....
14	ρ Cassiopeiæ	9	49 28.06	− 0.43	+13.34	17 59 54.65	44.575	−10.69	+ 19.3	23 49 40.97	− 3.09	+56 58 49.6	−32.9
15	α Andromedæ	9	3 18.03	− 0.14	**+13.38**	349 35 53.68	44.805	−10.69	− 10.8	0 3 31.23	.....	+28 34 23.9	....
16	6 B. Ursæ Minoris s. P.	8	13 30.16	+14.26	+13.34	52 45 56.25	47.690	−10.69	+1 18.1	12 13 57.76	.....	+88 12 57.7	....
17	12 Ceti	9	25 0.70	− 0.10	**+13.35**	316 33 51.82	43.987	−10.69	− 56.0	0 25 13.94	.....	− 4 28 41.8	....
18	π Andromedæ	9	31 38.09	− 0.17	+13.34	354 13 53.58	44.210	−10.69	− 5.9	0 31 51.26	.....	+33 12 15.1	....
19	β Ceti	9	38 38.61	− 0.14	**+13.27**	302 31 50.32	46.595	−10.69	−1 32.5	0 38 51.81	.....	−18 30 20.1	....
20	ν Andromedæ	9	44 24.51	− 0.22	+13.34	1 33 54.30	48.900	−10.69	+ 1.7	0 44 37.63	.....	+40 34 10.5	....
21	20 Ceti	9	47 58.58	− 0.10	**+13.31**	319 21 51.42	47.282	−10.69	− 50.7	0 48 11.82	.....	− 1 39 21.6	....
22	43 H. Cephei	9	55 47.00	− 5.49	+13.34	46 45 56.40	44.198	−10.69	+1 3.2	0 55 54.85	.....	+85 45 25.4	....
23	υ Piscium	8	14 4.58	− 0.14	**+13.42**	347 47 52.88	44.592	−10.69	− 12.8	1 14 17.79	.....	+26 46 16.2	....
24	π Piscium	9	31 53.53	− 0.10	**+13.33**	332 41 52.25	43.678	−10.27	− 30.6	1 32 6.78	.....	+11 39 37.4	....
25	o Piscium	9	40 12.41	− 0.10	**+13.37**	329 41 51.58	47.605	−10.69	− 34.6	1 40 25.66	.....	+ 8 41 2.1	....
26	ζ Ceti	9	46 35.89	− 0.11	**+13.34**	310 13 51.10	46.142	−10.69	−1 10.0	1 46 49.13	.....	−10 48 7.2	....
	December 18, Hl.												
27	Moon II, S.	9	52 10.16	− 0.14	+13.14	324 15 51.75	43.752	−11.01	− 43.0	11 52 23.16	−66.63	+ 3 13 25.5	....
	December 19, Hl.												
28	6 B. Ursæ Minoris s. P.	9	13 33.56	+14.64	+13.22	52 46	......	.....	.....	12 14 1.42	.....	+88 13	....
29	α Ursæ Minoris	9	25 59.00	−21.14	+13.22	49 48	......	.....	.....	1 25 51.08	.....	+88 48	....
30	o Piscium	9	40 12.63	− 0.14	**+13.18**	329 42	......	.....	.....	1 40 25.71	.....	+ 8 41	....
31	ζ Ceti	9	46 36.07	− 0.16	**+13.20**	310 14	......	.....	.....	1 46 49.13	.....	−10 48	....
32	β Arietis	9	49 13.78	− 0.16	**+13.18**	341 22	......	.....	.....	1 49 26.84	.....	+20 20	....
33	α Arietis	9	1 39.51	− 0.17	**+13.17**	344 2	......	.....	.....	2 1 52.56	.....	+23 1	....
	December 19, Bs.												
34	193 G. Hydræ	9	59 47.38	− 0.22	+13.50	297 13 50.65	44.120	−11.32	−1 56.5	10 0 0.66	− 3.01	−23 49 41.0	+ 9.5
35	λ Hydræ	9	5 46.98	− 0.18	**+13.58**	309 9 50.80	43.330	−11.32	−1 13.8	10 6 0.30	.....	−11 53 16.2	....
36	138 B. Ursæ Minoris	9	14 12.79	− 0.46	+13.50	15 41 54.30	45.488	−11.32	+ 17.0	10 14 25.83	− 3.27	+54 41 7.2	+32.2
37	32 H. Cephei s. P.	9	20 31.11	+ 6.18	+13.50	55 21 55.28	43.655	−11.32	+1 27.1	22 20 50.79	+ 3.89	+85 38 23.0	−35.9
38	ρ Leonis	9	27 38.05	− 0.16	**+13.57**	330 49 51.50	43.355	−11.32	− 33.5	10 27 51.39	.....	+ 9 47 25.3	....
39	31 Cephei s. P.	9	33 10.61	+ 1.82	+13.50	67 49 56.02	43.195	−11.32	+2 27.0	22 33 25.93	− 1.14	+73 9 32.8	−35.6
40	41 Leonis Minoris	9	38 4.61	− 0.19	**+13.49**	344 41 52.98	46.068	−11.32	− 16.4	10 38 17.92	.....	+23 40 45.8	....
41	l Leonis	9	44 5.28	− 0.16	**+13.50**	332 3 52.65	46.252	−11.32	− 31.8	10 44 18.62	.....	+11 2 34.3	....
42	46 Leonis Minoris	9	47 49.50	− 0.24	+13.50	355 43 53.02	46.645	−11.32	− 4.4	10 48 2.76	.....	+34 43 11.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 2 0	30.105	33.5	32.3
16 9 1	[illegible]	27.8	26.8
9 20	......	....	26.9
9 39	......	....	26.8
10 6	29.88	27.9	27.0
11 26	......	....	26.1
11 40	29.88	27.6	26.1
17 16 43	29.74	35.7	34.9
18 17 44	29.725	37.9	37.4
23 13	29.73	37.1	37.0
0 3	......	....	36.4
0 48	29.73	35.8	36.0
1 14	......	....	35.8
1 47	29.74	35.1	35.1
11 57	29.82	32.8	32.7
19 23 51	29.90	37.8	37.9
0 48	[illegible]	37.2	38.0
10 0	[illegible]	32.6	32.0
10 33	......	....	33.7

Micrometer bisections are made at II, VI, except as noted below.

6, 27. Bisections at II, III, IV, V, VI.
9. Bisections at I, II, VI, VII.
10. Bisections at I, II.
11. Bisections at VI, VII.
16, 37. Bisections at III, IV, V.
22. Bisections at II, IV, VI.

Notes.

1, 34–42. Haze and clouds.
2, 20, 21, 23, 26. Clouds.
3. Unsteady.
12, 22. Micrometer reading decreased 1 rev.
16. Micrometer reading increased 1 rev.
24. Circle reading increased 3°.
21. Two microscopes used.
28–33. Poor images; fuzzy.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+25 56.7	+15 41.1	...	+41 37.8
9	+ 4.7	.. ....	0.0	+ 4.7
10	+ 7.9	+16 16.5	...	+16 24.4
11	+ 7.9	−16 16.6	...	−16 8.7
27	+34 1.6	+16 0.7	...	+50 2.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	p^4 Leonis	9	1 52.80	− 0.16	+13.50	323 29 51.62	45.385	−11.32	− 44.4	11 2 6.14	.....	+ 2 28 0.9	....
2	β Crateris	9	6 48.49	− 0.22	+13.50	298 43 50.52	46.790	−11.32	−1 49.1	11 7 1.77	.....	−22 18 32.7	....
3	237 B. Ursæ Majoris	9	11 10.01	− 0.39	+13.50	10 59 54.38	45.902	−11.32	+ 11.8	11 11 23.12	− 2.34	+49 59 11.5	+31.7
4	δ Crateris	9	14 24.73	− 0.18	**+13.52**	306 45 49.38	46.918	−11.32	−1 20.4	11 14 38.05	.....	−14 16 2.2	....
5	ι Leonis	9	18 47.50	− 0.16	+13.51	332 3 51.85	47.028	−11.32	− 31.9	11 19 0.85	− 2.46	+11 2 51.2	+19.9
6	83 Leonis	8	21 45.90	− 0.16	+13.51	324 31 52.92	49.400	−11.32	− 42.9	11 21 59.25	.....	+ 3 31 35.5	....
7	e Leonis	9	25 16.78	− 0.16	+13.51	318 31 51.30	48.398	−11.32	− 53.2	11 25 30.13	− 2.51	− 2 28 59.3	+15.0
8	υ Leonis	9	31 54.13	− 0.16	**+13.58**	320 43 52.22	45.030	−11.32	− 49.3	11 32 7.48	.....	− 0 18 11.5	....
9	ο Hydræ	9	35 19.16	− 0.29	+13.51	286 49 50.85	48.985	−11.32	−3 16.5	11 35 32.38	− 2.74	−34 13 9.6	+ 4.2
10	ν Virginis	9	40 47.59	− 0.16	+13.51	328 5 51.05	43.548	−11.32	− 37.6	11 41 0.94	− 2.34	+ 7 3 25.2	+18.0
11	β Virginis	9	45 33.87	− 0.16	**+13.52**	323 19 51.82	44.742	−11.32	− 44.9	11 45 47.22	.....	+ 2 17 46.0	....
	December 21, Hl.												
12	ι^1 Aquarii	9	39 5.48	− 0.21	**+13.35**	302 15 51.28	41.820	− 9.63	−1 30.3	23 39 18.62	.....	−18 48 5.0	....
13	ρ Cassiopeiæ	9	49 28.18	− 0.53	+13.35	17 59 55.32	44.512	− 9.63	+ 18.7	23 49 41.00	− 3.00	+56 58 49.2	−32.8
14	ω Piscium	9	54 15.17	− 0.18	**+13.37**	327 21 50.35	46.462	− 9.63	− 36.6	23 54 28.34	.....	+ 6 20 33.8	....
15	β Cassiopeiæ	9	3 56.81	− 0.57	+13.35	19 37 55.45	47.812	− 9.63	+ 20.5	0 4 9.59	.....	+58 38 6.6	....
16	κ Cassiopeiæ	9	27 26.83	− 0.68	+13.36	23 25 55.50	44.770	− 9.63	+ 24.9	0 27 39.51	− 3.97	+62 25 1.5	−32.2
17	β Ceti	9	38 38.64	− 0.21	**+13.27**	302 31 50.45	46.360	− 9.63	−1 29.5	0 38 51.79	.....	−18 30 21.3	....
18	δ Piscium	9	43 34.74	− 0.18	**+13.33**	328 5 51.02	45.882	− 9.63	− 35.6	0 43 47.92	.....	+ 7 4 22.2	....
19	1 B. Ursæ Minoris	7	57 41.84	−16.99	+13.36	49 32	......	.....	. ....	0 57 38.21	−45.46	+88 31	....
20	υ Piscium	9	14 4.68	− 0.22	**+13.36**	347 47 53.35	44.485	− 9.63	− 12.4	1 14 17.82	.....	+26 46 15.7	....
21	109 G. Sculptoris	9	18 55.19	− 0.28	+13.36	289 37 50.70	43.942	− 9.63	−2 39.3	1 19 8.27	− 2.38	−31 26 26.0	− 1.7
22	48 Ceti	9	24 52.23	− 0.23	+13.36	298 55 50.60	44.844	− 9.63	−1 43.4	1 25 5.36	− 2.54	−22 7 9.6	− 4.2
23	ν Piscium	9	36 19.01	− 0.18	**+13.37**	326 1 51.00	46.765	− 9.63	− 38.6	1 36 32.19	.....	+ 5 0 39.3	....
	December 21, Bs.												
24	η Leonis	9	1 58.90	− 0.20	**+13.61**	338 15 52.98	42.235	−10.01	− 23.1	10 2 12.35	.....	+17 13 12.9	....
25	λ Hydræ	9	5 46.96	− 0.20	**+13.68**	309 9 50.62	43.130	−10.01	−1 11.1	10 6 0.41	.....	−11 53 17.0	....
26	32 Ursæ Majoris	9	10 59.42	− 0.82	+13.65	26 35 56.20	43.010	−10.41	+ 29.2	10 11 12.25	.....	+65 34 25.4	....
27	42 Leonis	9	16 33.26	− 0.20	+13.65	336 27 52.12	46.900	−10.01	− 25.3	10 16 46.71	− 2.96	+15 26 56.4	+22.1
28	μ Hydræ	9	21 19.18	− 0.21	**+13.73**	304 41 50.32	43.708	−10.01	−1 23.7	10 21 32.62	.....	−16 21 16.6	....
29	37 Ursæ Majoris	9	28 52.88	− 0.56	+13.65	18 33 53.95	47.128	−10.01	+ 19.7	10 29 5.97	− 3.18	+57 33 48.3	+33.1
30	35 H. Ursæ Majoris	9	36 7.14	− 1.02	+13.65	30 33 56.10	46.502	−10.01	+ 34.5	10 36 19.77	− 3.38	+69 33 50.8	+35.0
31	42 Leonis Minoris	9	40 24.46	− 0.26	+13.65	352 11 53.82	45.038	−10.01	− 7.9	10 40 37.85	.....	+31 10 32.9	....
32	46 Leonis Minoris	9	47 49.33	− 0.28	+13.65	355 43 53.38	46.548	−10.01	− 4.3	10 48 2.70	.....	+34 43 10.6	....
33	47 Ursæ Majoris	9	53 58.21	− 0.33	+13.65	1 57 53.72	42.622	−10.01	+ 2.0	10 54 11.53	− 2.67	+40 55 47.5	+29.8
34	γ Leonis	9	59 56.24	− 0.19	**+13.67**	328 51 52.62	46.618	−10.01	− 35.2	11 0 9.70	.....	+ 7 50 40.6	....
35	β Crateris	9	6 48.46	− 0.24	+13.65	298 43 50.80	46.488	−10.01	−1 45.9	11 7 1.87	.....	−22 18 34.8	....
36	φ Leonis	9	11 39.13	− 0.19	+13.65	317 53 52.70	45.170	−10.01	− 52.7	11 11 52.59	− 2.65	− 3 8 9.9	+15.5
37	39 H. Cephei s. P.	9	27 29.11	+ 8.36	+13.66	54 11 55.42	45.928	−10.01	+1 21.2	23 27 51.13	.....	+86 47 35.4	....
38	ο Hydræ	9	35 19.03	− 0.31	+13.66	286 49 50.50	48.635	−10.01	−3 10.4	11 35 32.38	− 2.81	−34 13 10.5	+ 4.6
39	ζ Crateris	9	39 45.97	− 0.22	+13.66	303 11 50.58	48.682	−10.01	−1 29.0	11 39 59.41	.....	−17 49 28.0	....
40	298 G. Hydræ	9	43 46.33	− 0.26	+13.66	294 49 50.98	45.180	−10.01	−2 5.6	11 43 59.73	− 2.68	−26 13 24.2	+ 6.8
41	ο Leonis	9	50 36.20	− 0.20	+13.66	337 11 51.90	44.925	−10.01	− 24.6	11 50 49.66	− 2.27	+16 10 11.8	+21.3
42	128 H^1. Camelopardalis	9	59 42.67	− 6.38	+13.66	47 5 56.45	46.327	−10.01	+1 3.2	11 59 49.95	+ 5.46	+86 6 15.8	+35.7
43	ε Corvi	9	5 3.36	− 0.24	+13.66	298 57 50.05	43.800	−10.01	−1 45.4	12 5 16.78	.....	−22 5 36.5	....
44	6 B. Ursæ Minoris	9	14 0.22	−14.28	+13.66	49 13 55.70	42.957	−10.01	+1 8.1	12 13 59.60	.....	+88 13 2.4	....
45	15 Comæ Berenices	9	22 0.67	− 0.25	+13.66	349 47 52.42	47.458	−10.01	− 10.5	12 22 14.08	− 1.86	+28 47 24.2	+24.2
46	74 Ursæ Majoris	9	25 19.09	− 0.60	+13.66	19 55 53.80	45.490	−10.01	+ 21.4	12 25 32.15	− 0.99	+58 55 12.4	+31.7
47	23 Comæ Berenices	9	29 55.51	− 0.22	+13.66	344 9 53.20	46.100	−10.01	− 16.6	12 30 8.95	.....	+23 8 47.9	....
48	Moon II, S	9	40 46.08	− 0.21	+13.68	309 41 51.00	43.486	−10.01	−1 10.5	14 40 59.55	−69.46	−11 21 7.8	....
49	Mercury II, C	8	0 6.11	− 0.20	+13.69	301 19 52.00	44.388	− 9.49	−1 34.3	17 0 19.60	− 0.32	−19 43 9.5	....
50	Venus II, C	9	4 47.33	− 0.21	+13.69	298 35 51.48	48.091	− 9.49	−1 45.0	17 5 0.81	− 0.37	−22 25 56.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 11 2	29.98	33.5	33.6
11 25	......	....	31.2
12 0	30.01	32.0	31.0
21 23 31	29.48	48.9	48.9
23 45	......	....	48.9
0 7	......	....	48.9
0 21	......	....	48.6
0 32	29.50	49.0	48.2
1 4	......	....	47.9
1 29	......	....	47.6
1 41	29.535	48.7	47.7
10 2	29.67	43.2	45.3
10 29	......	....	43.4
11 0	29.68	42.8	42.4
12 10	29.72	41.5	40.8
12 35	29.725	40.8	41.0
14 41	29.79	43.0	41.8
17 10	29.80	51.4	50.9

Micrometer bisections are made at II, VI, except as noted below.

21, 22, 50. Bisections at I, II, VI, VII.
37, 42, 44. Bisections at III, IV, V.
48. Bisections at II, III, IV, V, VI.
49. Bisections at VI, VII.

Notes.

1-11. Haze and light clouds.
9. Difficult.
12. Unsteady.
14. Very faint; poor.
14. Circle reading decreased 45°.
15. Poor image.
24-47. Images fuzzy.
26. Two microscopes used.
29. Micrometer reading increased 10 rev.
37. Micrometer reading decreased 1 rev.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
48	+46 3.7	+16 24.7	...	+62 28.4
49	+ 10.1	.. ....	+0.9	+ 11.0
50	+ 4.6	.. ....	+0.1	+ 4.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	December 22, Bs.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N.	9	59 31.44	− 0.22	+13.69	297 51 50.90	46.045	− 9.53	−1 47.8	17 59 44.91	+71.17	−23 10 46.2	....
2	Sun II, S.	4	1 53.77	− 0.22	+13.69	297 19 51.18	44.725	− 9.53	−1 50.3	18 2 7.24	−71.16	−23 43 18.6	....
3	α Andromedæ.	7	3 17.65	− 0.27	**+13.82**	349 36	......	....	.....	0 3 31.11	.....	+28 34	....
4	6 B. Ursæ Minoris s. p.	9	13 35.67	+13.58	+13.73	52 46	......	....	.....	12 14 2.98	.....	+88 12	....
5	12 Ceti	8	25 0.40	− 0.23	**+13.73**	316 34	......	....	.....	0 25 13.90	.....	− 4 28	....
[illegible]	π Andromedæ.	9	31 37.77	− 0.29	+13.73	354 14	......	....	.....	0 31 51.21	.....	+33 12	....
7	β Ceti	5	38 38.29	− 0.28	**+13.68**	302 32	......	....	.....	0 38 51.74	.....	−18 30	....
[illegible]	ν Andromedæ.	9	44 24.17	− 0.33	+13.73	1 36	......	....	.....	0 44 37.57	.....	+40 34	....
9	20 Ceti	7	47 58.28	− 0.23	**+13.69**	319 22	......	....	.....	0 48 11.78	.....	− 1 39	....
10	43 H. Cephei	6	55 45.47	− 5.39	+13.73	46 46	......	....	.....	0 55 53.81	.....	+85 45	....
	December 23, Ei.-Y.												
11	ε Arietis (*mean*)	9	53 36.92	− 0.21	**+13.70**	341 59 53.48	43.712	− 9.77	− 19.0	2 53 50.43	.....	+20 57 51.5	....
12	α Ceti	9	57 8.61	− 0.20	**+13.71**	324 45 51.65	42.980	− 9.77	− 41.3	2 57 22.14	.....	+ 3 43 10.6	....
13	B. D.+15°430	9	59 13.48	− 0.20	+13.73	336 31 51.85	42.980	− 9.77	− 25.4	2 59 27.01	− 3.65	+15 29 26.7	− 9.0
14	B. D.+18°414	9	2 48.17	− 0.20	+13.73	339 27 52.40	44.330	− 9.77	− 21.9	3 3 1.70	− 3.74	+18 26 1.6	− 9.4
15	B. D.+15°447	9	6 55.80	− 0.20	+13.73	337 11 51.52	43.705	− 9.77	− 24.6	3 7 9.33	− 3.70	+16 9 43.8	− 8.5
16	ζ Arietis	9	9 16.69	− 0.21	**+13.69**	341 43 50.95	43.555	− 9.77	− 19.3	3 9 30.21	.....	+20 41 45.0	....
17	B. D.+11°456	9	10 40.88	− 0.20	+13.73	332 17 51.38	46.700	− 9.77	− 30.7	3 10 54.41	− 3.60	+11 16 46.0	− 7.0
18	B. D.+19°507	9	14 15.22	− 0.21	+13.73	340 57 51.65	44.520	− 9.77	− 20.2	3 14 28.74	− 3.84	+19 56 6.9	− 8.7
19	B. D.+19°523	9	18 24.22	− 0.21	+13.73	340 35 52.08	45.072	− 9.77	− 20.6	3 18 37.74	− 3.85	+19 34 19.5	− 8.2
20	B. D.+13°545	9	19 58.02	− 0.20	+13.73	334 47 51.10	42.710	− 9.77	− 27.5	3 20 11.55	− 3.70	+13 45 17.7	− 6.7
21	B. D.+19°547	9	24 51.54	− 0.21	+13.73	340 47 51.50	46.545	− 9.77	− 20.3	3 25 5.06	− 3.88	+19 46 52.9	− 7.6
22	B. D.+15°449	9	27 24.07	− 0.20	+13.73	336 15 52.30	43.740	− 9.77	− 25.7	3 27 37.60	− 3.77	+15 13 44.2	− 6.4
23	B. D.+23°483	9	31 56.19	− 0.22	+13.73	344 57 52.30	46.638	− 9.77	− 15.7	3 32 9.70	− 4.05	+23 57 0.4	− 7.8
24	11 Tauri	9	34 56.32	− 0.22	+13.73	346 3 52.80	42.670	− 9.77	− 14.5	3 35 9.83	.....	+25 1 31.5	....
25	17 Tauri	9	39 4.54	− 0.22	+13.73	344 49 52.22	46.785	− 9.77	− 15.8	3 39 18.05	− 4.07	+23 49 3.6	− 7.0
26	B. D.+18°537	9	40 24.52	− 0.20	+13.73	339 17 51.78	45.095	− 9.77	− 22.1	3 40 38.05	− 3.91	+18 16 18.3	− 5.8
27	B. D.+23°553	9	42 41.08	− 0.22	+13.73	345 5 53.82	42.338	− 9.77	− 15.6	3 42 54.59	− 4.10	+24 3 23.8	− 6.7
28	B. D.+19°600	9	44 15.99	− 0.21	+13.73	340 17 52.78	46.155	− 9.77	− 20.9	3 44 29.51	− 3.95	+19 16 44.7	− 5.6
29	B. D.+16°523	9	47 34.41	− 0.20	+13.73	338 3 52.12	46.385	− 9.77	− 23.6	3 47 47.94	− 3.90	+17 2 46.6	− 4.8
30	B. D.+18°562	9	51 23.44	− 0.20	+13.73	339 35 51.98	44.190	− 9.77	− 21.8	3 51 36.97	− 3.96	+18 33 58.1	− 4.8
31	B. D.+17°666	9	55 10.74	− 0.20	+13.73	338 57 51.95	43.450	− 9.77	− 22.5	3 55 24.27	− 3.95	+17 55 40.5	− 4.3
32	B. D.+18°575	8	57 42.22	− 0.21	+13.73	340 7 51.52	43.812	− 9.77	− 21.2	3 57 55.74	− 3.99	+19 5 49.6	− 4.2
33	B. D.+17°676	9	59 3.71	− 0.20	+13.73	338 17 52.42	42.995	− 9.77	− 23.3	3 59 17.24	− 3.94	+17 15 29.7	− 3.8
34	B. D.+20°701	9	1 23.99	− 0.21	+13.73	342 1 51.32	45.592	− 9.77	− 19.0	4 1 37.51	− 4.06	+21 0 32.3	− 4.2
35	B. D.+13°648	9	3 33.60	− 0.20	+13.73	334 9 51.42	46.918	− 9.77	− 28.4	4 3 47.13	− 3.85	+13 8 53.3	− 2.6
36	B. D.+22°649	9	7 3.74	− 0.21	+13.73	343 11 52.42	44.822	− 9.77	− 17.7	4 7 17.26	− 4.12	+22 10 17.1	− 3.8
37	B. D.+19°687	9	11 8.59	− 0.21	+13.73	340 43 52.48	46.148	− 9.77	− 20.5	4 11 22.11	− 4.06	+19 42 44.6	− 3.0
38	B. D.+17°703	9	12 22.33	− 0.20	+13.73	339 3 51.50	43.105	− 9.77	− 22.4	4 12 35.86	− 4.01	+18 1 32.2	− 2.6
39	B. D.+16°579	9	14 18.92	− 0.20	+13.73	337 19 51.48	43.640	− 9.77	− 24.5	4 14 32.45	− 3.96	+16 17 42.3	− 2.1
40	δ Tauri	9	17 17.78	− 0.20	**+13.73**	338 21 50.95	42.450	− 9.77	− 23.3	4 17 31.31	.....	+17 19 15.8	....
41	B. D.+21°642	9	19 33.01	− 0.21	+13.73	343 5 52.15	45.905	− 9.77	− 17.8	4 19 46.53	− 4.16	+22 4 41.5	− 2.5
42	B. D.+16°605	9	22 50.96	− 0.20	+13.73	337 9 51.55	46.795	− 9.77	− 24.7	4 23 4.49	− 3.98	+16 8 54.3	− 1.2
43	B. D.+27°662	9	24 15.86	− 0.23	+13.73	348 57 52.30	42.325	− 9.77	− 11.4	4 24 29.36	− 4.38	+27 55 26.2	− 2.8
44	B. D.+16°621	9	28 2.37	− 0.20	+13.73	337 9 51.28	42.965	− 9.77	− 24.7	4 28 15.90	− 4.00	+16 7 26.5	− 0.7
45	α Tauri	9	30 18.61	− 0.20	**+13.73**	337 21 50.38	42.252	− 9.77	− 24.5	4 30 32.14	.....	+16 19 9.5	....
46	B. D.+15°661	9	32 33.55	− 0.20	+13.73	336 51 51.35	46.105	− 9.77	− 25.1	4 32 47.08	− 4.00	+15 50 37.9	− 0.2
47	τ Tauri	9	36 23.23	− 0.22	**+13.74**	343 47 51.90	45.518	− 9.77	− 17.0	4 36 36.74	.....	+22 46 33.1	....
48	B. D.+25°731	9	40 12.56	− 0.22	+13.73	346 53 52.82	43.400	− 9.77	− 13.7	4 40 26.07	− 4.34	+25 51 49.0	− 0.7
49	B. D.+21°707	9	42 55.86	− 0.21	+13.73	342 9 52.10	46.575	− 9.77	− 18.9	4 43 9.38	− 4.18	+21 8 55.6	+ 0.1
50	B. D.+26°759	9	46 56.26	− 0.23	+13.73	347 37 51.85	47.110	− 9.77	− 12.8	4 47 9.76	− 4.38	+26 37 13.7	− 0.1
51	B. D.+24°709	9	50 19.08	− 0.22	+13.73	345 27 52.78	45.210	− 9.77	− 15.2	4 50 32.59	− 4.30	+24 26 28.8	+ 0.5
52	B. D.+15°713	9	54 7.67	− 0.20	+13.73	336 47 51.02	45.610	− 9.77	− 25.2	4 54 21.20	− 4.04	+15 46 26.2	+ 1.9
53	ι Tauri	9	57 15.67	− 0.21	**+13.78**	342 29 52.70	42.250	− 9.77	− 18.5	4 57 29.19	.....	+21 27 17.7	....
54	B. D.+21°755	9	58 32.52	− 0.21	+13.73	342 9 51.35	46.055	− 9.77	− 18.9	4 58 46.04	− 4.21	+21 8 42.9	+ 1.8
55	B. D.+18°779	9	1 40.71	− 0.20	+13.73	339 31 51.78	47.112	− 9.77	− 21.9	5 1 54.24	− 4.13	+18 31 4.5	+ 2.4
56	B. D.+15°752	9	4 6.20	− 0.20	+13.73	336 29 51.02	45.982	− 9.77	− 25.6	5 4 19.73	− 4.05	+15 28 34.3	+ 2.9
57	B. D.+19°876	9	9 24.64	− 0.21	+13.73	340 57 51.40	46.470	− 9.77	− 20.3	5 9 38.16	− 4.18	+19 56 51.1	+ 3.0
58	B. D.+21°816	9	13 24.79	− 0.21	+13.73	343 1 51.52	43.865	− 9.77	− 17.9	5 13 38.31	− 4.25	+21 59 54.1	+ 3.3
59	B. D.+19°902	9	15 10.48	− 0.21	+13.73	340 43 51.85	47.078	− 9.77	− 20.5	5 15 24.00	− 4.18	+19 43 5.2	+ 3.6
60	B. D.+23°909	9	18 52.96	− 0.22	+13.74	344 31 52.15	44.045	− 9.77	− 16.3	5 19 6.48	− 4.31	+23 30 0.4	+ 3.7
61	β Tauri	9	20 8.14	− 0.23	**+13.76**	349 33 52.30	42.800	− 9.77	− 10.8	5 20 21.65	.....	+28 31 37.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 18 2	[illegible]	52.7	52.9
23 2 51	29.60	41.3	39.8
3 16	.....	....	39.4
3 45	29.60	39.9	38.8
4 16	.....	....	38.0
4 37	29.62	38.6	37.7
5 3	.....	....	37.1
5 22	29.64	37.7	37.0

Micrometer bisections are made at II, VI, except as noted below.

1, 16, 25, 32, 42, 53.	Bisections at I, II.
2.	Bisection at VII.
21, 22, 29, 38, 39, 44, 52, 54, 55.	Bisections at II, VII.
26, 60.	Bisections at VI, VII.
33.	Bisection at II.
57.	Bisections at II, VI, VII.

Notes.

2.	Micrometer reading decreased 1 rev.
7-9.	Clouds.
11-25.	Images variable.
32.	Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 7.9	−16 16.2	...	−16 8.3
2	+ 7.9	+16 16.2	...	+16 24.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	December 25, Hl.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mercury ☌, ☌	9	56 3.90	− 0.14	+13.90	301 19 48.32	48.819	−10.41	−1 38.0	16 56 17.66	− 0.15	−19 41 36.5	....
2	Venus II, ☌	9	26 29.99	− 0.15	+13.90	298 3 50.10	46.445	−10.41	−1 51.5	17 26 43.74	− 0.37	−22 58 42.4	....
	December 26, Hl.												
3	Sun I, N	9	17 17.54	− 0.15	+13.90	297 55 52.70	46.588	−10.13	−1 51.6	18 17 31.29	+71.22	−23 6 36.4	....
4	Sun II, S	9	19 39.98	− 0.15	+13.90	297 23 49.70	45.432	−10.13	−1 54.2	18 19 53.73	−71.22	−23 39 8.4	....
5	ρ Cassiopeiæ	9	49 27.47	− 0.53	+13.96	17 59 54.45	44.538	−10.18	+ 19.4	23 49 40.90	− 2.86	+56 58 49.1	−32.8
6	β Cassiopeiæ	9	3 56.08	− 0.57	+13.96	19 37 53.80	47.898	−10.18	+ 21.3	0 4 9.47	.....	+58 38 7.1	....
7	5 B. Ursæ Minoris s. P.	.	.. ..	....	....	54 1 55.39	46.951	−10.18	+1 22.1	12 13	.....	+86 57 11.5	+35.7
8	12 Ceti	9	25 0.07	− 0.13	**+13.91**	316 33 50.98	43.988	−10.18	− 56.2	0 25 13.90	.....	− 4 28 42.3	....
9	82 B. Ceti	9	32 16.59	− 0.19	+13.96	295 45 49.35	45.390	−10.18	−2 2.6	0 32 30.36	.....	−25 17 18.2	....
10	β Ceti	9	38 37.93	− 0.16	**+13.87**	302 31 49.50	46.590	−10.18	−1 33.0	0 38 51.73	.....	−18 30 21.0	....
11	α Sculptoris	9	53 50.31	− 0.21	+13.96	291 11 50.55	44.275	−10.18	−2 32.3	0 54 4.06	.....	−29 52 12.2	....
12	ε Piscium	9	57 49.63	− 0.14	**+13.97**	328 26......	......	.....	.....	0 58 3.45	.....	+ 7 22	....
13	ζ¹ Piscium	9	8 34.99	− 0.14	**+14.01**	328 7 49.95	41.455	−10.18	− 37.0	1 8 48.81	.....	+ 7 4 38.0	....
14	υ Piscium	9	14 3.98	− 0.20	**+13.98**	347 47 52.00	44.615	−10.18	− 12.9	1 14 17.74	.....	+26 46 16.3	....
15	40 Cassiopeiæ	9	30 48.53	− 1.26	+13.96	33 33 56.20	46.406	−10.18	+ 39.7	1 31 1.23	.....	+72 33 53.3	....
16	ο Piscium	9	40 11.80	− 0.14	**+13.94**	329 41 51.35	47.602	−10.18	− 34.8	1 40 25.62	.....	+ 8 41 2.1	....
17	ε Cassiopeiæ	9	47 25.35	− 0.71	+13.96	24 13 54.85	43.721	−10.18	+ 27.0	1 47 38.60	.....	+63 12 38.2	....
	December 26, Ei.-Y.												
18	δ Arietis	9	6 1.57	− 0.16	**+14.08**	340 23 52.92	44.885	−10.03	− 21.3	3 6 15.50	.....	+19 22 15.2	....
19	ζ Arietis	9	9 16.27	− 0.17	**+14.05**	341 43 51.85	43.518	−10.04	− 19.7	3 9 30.19	.....	+20 41 44.4	....
20	B. D.+14°550	9	12 59.21	− 0.15	+14.09	335 51 51.92	45.590	−10.05	− 26.8	3 13 13.15	− 3.68	+14 50 24.8	− 7.6
21	τ¹ Arietis	9	15 34.43	− 0.17	**+14.05**	341 49 52.00	45.425	−10.06	− 19.6	3 15 48.35	.....	+20 48 28.2	....
22	B. D.+21°447	9	18 53.09	− 0.17	+14.09	342 43 51.20	45.280	−10.07	− 18.6	3 19 7.01	− 3.90	+21 42 25.1	− 8.7
23	B. D.+20°573	9	23 9.06	− 0.17	+14.09	341 19 51.40	43.912	−10.09	− 20.2	3 23 22.98	− 3.88	+20 17 52.4	− 8.0
24	B. D.+21°474	9	25 46.51	− 0.17	+14.09	342 31 51.78	44.380	−10.09	− 18.8	3 26 0.43	− 3.93	+21 30 4.9	− 8.0
25	B. D.+18°507	9	29 41.92	− 0.16	+14.09	339 37 51.50	42.620	−10.11	− 22.2	3 29 55.85	− 3.86	+18 35 21.0	− 6.9
26	B. D.+13°579	9	33 49.65	− 0.15	+14.09	334 37 50.92	42.422	−10.11	− 28.3	3 34 3.59	− 3.74	+13 35 9.8	− 5.4
27	B. D.+19°582	9	38 7.53	− 0.16	+14.09	340 23 51.80	44.390	−10.12	− 21.3	3 38 21.46	− 3.92	+19 22 2.6	− 6.3
28	B. D.+23°516	9	40 0.52	− 0.18	+14.09	345 5 53.62	45.082	−10.14	− 15.9	3 40 14.43	− 4.08	+24 4 25.6	− 7.1
29	η Tauri	9	41 40.31	− 0.18	**+14.09**	344 49 51.48	46.305	−10.14	− 16.2	3 41 54.22	.....	+23 48 51.1	....
30	B. D.+23°558	9	43 22.16	− 0.18	+14.09	344 51 50.98	46.572	−10.14	− 16.1	3 43 36.07	− 4.09	+23 50 56.8	− 6.7
31	B. D.+18°550	9	46 45.61	− 0.16	+14.09	339 19 51.80	46.780	−10.16	− 22.5	3 46 59.54	− 3.93	+18 18 56.0	− 5.2
32	B. D.+22°605	9	51 5.36	− 0.17	+14.09	343 13 51.95	45.210	−10.16	− 18.0	3 51 19.28	− 4.06	+22 12 24.8	− 5.6
33	B. D.+13°621	9	53 50.88	− 0.15	+14.09	334 43 51.08	45.680	−10.18	− 28.2	3 54 4.82	− 3.83	+13 42 24.4	− 3.6
34	B. D.+25°662	9	56 0.71	− 0.19	+14.09	346 41 53.72	42.828	−10.18	− 14.1	3 56 14.61	− 4.20	+25 39 36.0	− 5.7
35	B. D.+27°633	9	0 37.04	− 0.20	+14.09	348 21 51.95	45.922	−10.20	− 12.3	4 0 50.93	− 4.28	+27 20 46.7	− 5.5
36	B. D.+23°624	9	3 0.65	− 0.18	+14.09	344 39 52.08	42.085	−10.20	− 16.4	4 3 14.56	− 4.16	+23 37 15.1	− 4.6
37	B. D.+15°592	9	5 21.50	− 0.15	+14.09	336 43 51.70	44.545	−10.21	− 25.7	4 5 35.44	− 3.92	+15 42 1.6	− 2.8
38	B. D.+22°657	9	8 41.63	− 0.17	+14.09	343 13 52.62	46.225	−10.22	− 18.0	4 8 55.55	− 4.13	+22 12 48.6	− 3.7
39	B. D.+20°733	9	13 40.24	− 0.17	+14.09	341 55 51.60	46.408	−10.24	− 19.5	4 13 54.16	− 4.10	+20 54 50.2	− 3.0
40	B. D.+14°682	9	15 3.00	− 0.15	+14.09	335 53 51.20	44.918	−10.24	− 26.7	4 15 16.94	− 3.93	+14 52 8.6	− 1.7
41	B. D.+24°654	9	17 36.12	− 0.18	+14.10	345 13 51.95	41.785	−10.25	− 15.8	4 17 50.04	− 4.23	+24 11 8.6	− 3.1
42	B. D.+15°621	9	20 1.94	− 0.15	+14.10	336 45 51.48	43.192	−10.26	− 25.7	4 20 15.89	− 3.97	+15 43 30.4	− 1.4
43	B. D.+15°631	9	22 58.92	− 0.15	+14.10	336 47 50.55	42.265	−10.26	− 25.6	4 23 12.87	− 3.98	+15 45 8.4	− 1.1
44	B. D.+15°637	9	24 57.37	− 0.15	+14.10	337 1 51.50	42.620	−10.27	− 25.3	4 25 11.32	− 3.99	+15 59 17.8	− 1.0
45	B. D.+17°750 (*mean*)	9	27 53.02	− 0.16	+14.10	338 51 51.08	41.825	−10.28	− 23.1	4 28 6.96	− 4.05	+17 49 1.3	− 1.0
46	B. D.+19°742	9	29 58.57	− 0.16	+14.10	340 43 51.62	42.200	−10.29	− 20.9	4 30 12.51	− 4.11	+19 41 12.6	− 1.1
47	B. D.+20°785	9	32 29.74	− 0.17	+14.10	341 31 51.65	43.395	−10.29	− 20.0	4 32 43.67	− 4.15	+20 29 40.9	− 0.9
48	B. D.+21°686	9	36 11.13	− 0.17	+14.10	342 21 51.40	43.160	−10.30	− 19.0	4 36 25.06	− 4.18	+21 19 36.2	− 0.6
49	B. D.+23°739	9	39 48.62	− 0.18	+14.10	344 29 52.22	42.115	−10.31	− 16.6	4 40 2.54	− 4.26	+23 27 15.6	− 0.6
50	B. D.+24°689	9	42 38.69	− 0.18	+14.10	345 35 52.10	45.495	−10.32	− 15.3	4 42 52.61	− 4.31	+24 34 33.9	− 0.4
51	B. D.+27°701	9	46 41.57	− 0.20	+14.10	348 45 52.82	44.778	−10.34	− 11.8	4 46 55.47	− 4.44	+27 44 21.8	− 0.4
52	B. D.+22°776	9	50 14.38	− 0.17	+14.10	343 27 51.40	43.058	−10.35	− 17.7	4 50 28.31	− 4.25	+22 25 35.2	+ 0.7
53	B. D.+27°716	9	53 49.29	− 0.20	+14.10	348 11 52.60	46.392	−10.36	− 12.4	4 54 3.19	− 4.43	+27 10 57.8	+ 0.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 17 1	29.985	35.0	34.2
17 34	29.96	36.2	35.4
26 18 18	29.94	37.8	37.0
23 33	29.905	38.8	38.0
23 57	......	....	37.2
0 18	......	....	36.8
0 41	......	....	36.0
0 50	29.90	37.6	....
1 5	......	....	35.8
1 23	......	....	35.2
1 53	......	....	35.0
2 9	29.91	35.7	....
3 4	29.90	35.0	33.8
3 27	......	....	34.0
3 52	29.89	34.9	33.7
4 21	......	....	33.7
4 48	29.885	34.9	33.8

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 15, 17.	Bisections at I, II, VI, VII.
3, 28, 39.	Bisections at I, II.
4, 29.	Bisections at VI, VII.
7.	Bisections at b_2, b_4, b_5, b_6, b_8.
10, 23, 37, 50.	Bisections at II, VII.

Notes.

6, 15. Poor image.
7. Microscopes read at beginning and end of observation.
9. Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 9.1	.. ....	+0.6	+ 9.7
2	+ 4.7	.. ....	0.0	+ 4.7
3	+ 7.9	−16 16.0	...	−16 8.1
4	+ 7.9	+16 16.0	...	+16 23.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ' "	r	"	' "	h m s	s	° ' "	"
1	B. D.+27°723	9	58 32.07	− 0.20	+14.10	348 35 52.62	43.430	−10.37	− 12.0	4 58 45.97	− 4.45	+27 33 50.5	+ 1.0
2	B. D.+16°697	9	1 22.18	− 0.15	+14.10	337 43 50.98	44.645	−10.38	− 24.5	5 1 36.13	− 4.09	+16 42 4.2	+ 2.6
3	B. D.+27°732	9	3 37.68	− 0.20	+14.10	348 55 53.28	45.415	−10.39	− 11.7	5 3 51.58	− 4.47	+27 54 36.8	+ 1.6
4	B. D.+21°796	9	8 16.01	− 0.17	+14.10	342 7 51.70	46.028	−10.40	− 19.2	5 8 29.44	− 4.24	+21 6 41.7	+ 2.8
5	B. D.+21°813	9	12 40.34	− 0.17	+14.10	342 43 51.48	42.690	−10.41	− 18.6	5 12 54.27	− 4.26	+21 41 25.9	+ 3.2
6	B. D.+29°869	9	15 0.69	− 0.21	+14.10	350 29 53.15	44.832	−10.42	− 10.0	5 15 14.58	− 4.55	+29 28 25.1	+ 2.7
7	B. D.+17°920	9	18 43.02	− 0.16	+14.10	338 19 51.68	43.558	−10.43	− 23.7	5 18 56.96	− 4.14	+17 17 40.8	+ 4.2
8	B. D.+17°928	9	21 27.78	− 0.16	+14.10	338 53 51.52	46.470	−10.44	− 23.0	5 21 41.72	− 4.16	+17 52 47.9	+ 4.4
9	B. D.+25°839 (*north*)	9	23 16.08	− 0.18	+14.10	346 5 52.15	45.035	−10.45	− 14.8	5 23 30.00	− 4.39	+25 4 23.9	+ 4.0
10	B. D.+16°794 (*pr.*)	9	26 33.90	− 0.15	+14.10	338 1 51.52	42.390	−10.46	− 24.1	5 26 47.85	− 4.13	+16 59 13.5	+ 5.0
11	B. D.+25°879	9	30 27.37	− 0.19	+14.10	346 53 52.48	45.695	−10.47	− 13.9	5 30 41.28	− 4.42	+25 52 40.2	+ 4.8
12	ζ Tauri	9	31 48.34	− 0.17	**+14.12**	342 5 51.68	46.915	−10.47	− 19.3	5 32 2.27	....	+21 5 1.9	....
13	ν Geminorum	9	23 9.65	− 0.19	**+14.12**	341 17 50.82	44.812	−10.42	− 20.2	6 23 23.56	....	+20 16 12.1	....
14	B. D.+17°1286 (*pr.*)	9	26 35.41	− 0.18	+14.10	338 51 50.92	46.120	−10.42	− 23.1	6 26 49.33	− 4.15	+17 50 39.2	+10.7
15	B. D.+28°1168	9	29 3.67	− 0.23	+14.10	349 7 51.58	42.925	−10.42	− 11.5	6 29 17.54	− 4.46	+28 5 38.4	+11.1
16	γ Geminorum	9	32 3.67	− 0.18	**+14.10**	337 29 50.58	46.270	−10.42	− 24.8	6 32 17.59	....	+16 28 40.6	....
17	B. D.+28°1196	8	33 24.29	− 0.23	+14.10	349 21 51.58	45.635	−10.42	− 11.2	6 33 38.16	− 4.47	+28 20 40.6	+11.5
18	ε Geminorum	9	37 55.73	− 0.21	**+14.12**	346 15 53.22	42.272	−10.42	− 14.6	6 38 9.63	....	+25 13 22.1	....
19	B. D.+18°1349	9	41 40.63	− 0.18	+14.11	339 19 51.28	43.380	−10.42	− 22.6	6 41 54.56	− 4.14	+18 17 37.5	+12.1
20	B. D.+21°1405	9	45 41.79	− 0.20	+14.11	342 53 51.95	44.770	−10.42	− 18.4	6 45 55.70	− 4.23	+21 52 14.1	+12.6
21	B. D.+27°1270	9	49 50.87	− 0.23	+14.11	348 25 53.22	44.442	−10.42	− 12.2	6 50 4.75	− 4.39	+27 24 14.0	+13.2
22	B. D.+16°1354	9	54 38.39	− 0.18	+14.11	337 13 51.55	45.595	−10.42	− 25.1	6 54 52.32	− 4.06	+16 12 25.8	+13.1
23	B. D.+27°1307	9	57 32.59	− 0.22	+14.11	348 9 53.58	44.925	−10.42	− 12.5	6 57 46.48	− 4.36	+27 8 25.1	+13.9
24	45 Geminorum	9	2 45.32	− 0.18	+14.11	337 5 51.35	46.475	−10.42	− 25.2	7 2 59.25	− 4.04	+16 4 45.6	+13.8
25	B. D.+15°1494	9	5 41.46	− 0.17	+14.11	336 31 51.10	42.250	−10.42	− 26.0	7 5 55.40	− 4.02	+15 29 8.0	+14.0
26	B. D.+25°1618	9	8 43.72	− 0.21	+14.11	346 3 52.08	46.125	−10.42	− 14.8	7 8 57.62	− 4.26	+25 2 48.7	+14.9
27	λ Geminorum	9	12 28.19	− 0.18	**+14.12**	337 43 50.98	45.812	−10.42	− 24.5	7 12 42.12	....	+16 42 30.8	....
28	B. D.+17°1561	9	17 26.35	− 0.18	+14.11	338 37 51.22	42.445	−10.42	− 23.4	7 17 40.28	− 4.04	+17 35 15.2	+15.1
29	B. D.+21°1596	9	21 3.57	− 0.20	+14.11	342 45 52.22	42.382	−10.42	− 18.5	7 21 17.48	− 4.13	+21 43 19.6	+15.7
30	B. D.+24°1727	9	32 19.78	− 0.21	+14.11	345 35 52.18	44.480	−10.42	− 15.3	7 32 33.68	− 4.17	+24 34 10.8	+16.9
31	B. D.+21°1661	9	35 25.28	− 0.20	+14.11	342 41 52.20	43.712	−10.42	− 18.6	7 35 39.19	− 4.08	+21 39 49.9	+16.9
32	B. D.+27°1470	9	39 53.51	− 0.22	+14.11	347 57 52.42	46.670	−10.42	− 12.7	7 40 7.40	− 4.20	+26 57 3.6	+17.8
33	B. D.+18°1778	9	49 10.32	− 0.18	+14.11	339 21 51.12	46.165	−10.42	− 22.5	7 49 24.25	− 3.96	+18 20 41.0	+17.5
34	B. D.+21°1730	9	53 9.29	− 0.19	+14.11	342 25 51.28	45.100	−10.42	− 18.9	7 53 23.21	− 4.01	+21 24 20.4	+18.2
35	B. D.+16°1612	9	55 55.43	− 0.18	+14.11	337 43 51.72	46.470	−10.42	− 24.5	7 56 9.36	− 3.90	+16 42 46.6	+17.8
36	B. D.+18°1839	9	59 44.94	− 0.18	+14.11	338 55 52.30	42.288	−10.42	− 23.0	7 59 58.87	− 3.90	+17 53 13.1	+18.2
37	B. D.+25°1854	9	2 26.28	− 0.22	+14.11	346 51 53.02	42.410	−10.42	− 13.9	8 2 40.17	− 4.07	+25 49 25.7	+19.5
38	B. D.+15°1775	9	5 28.61	− 0.17	+14.11	335 55 51.90	45.510	−10.42	− 26.7	8 5 42.55	− 3.83	+14 54 22.6	+18.1
39	B. D.+13°1868	9	8 54.03	− 0.17	+14.11	334 21 50.78	44.392	−10.42	− 28.7	8 9 7.97	− 3.79	+13 19 54.0	+18.1
40	B. D.+25°1903	9	14 49.28	− 0.22	+14.11	346 39 53.10	43.552	−10.42	− 14.2	8 15 3.17	− 4.00	+25 37 51.6	+20.4
41	d^1 Cancri	9	17 45.44	− 0.18	+14.11	339 39 51.05	44.260	−10.42	− 22.2	8 17 59.37	....	+18 37 57.7	....
42	B. D.+19°2012	.	.. ..	....	.....	340 35 52.28	43.400	−10.42	− 21.1	8 21	....	+19 33 40.4	+19.9
43	B. D.+24°1940	9	25 43.60	− 0.21	+14.11	345 25 52.32	43.495	−10.42	− 15.5	8 25 57.50	− 3.91	+24 23 48.2	+20.9
44	B. D.+20°2118	9	29 41.73	− 0.19	+14.11	340 55 51.70	46.150	−10.42	− 20.7	8 29 55.65	− 3.80	+19 54 43.0	+20.4
45	B. D.+24°1968	9	33 0.18	− 0.21	+14.11	345 1 51.65	46.770	−10.42	− 16.0	8 33 14.08	− 3.86	+24 1 1.9	+21.3
46	B. D.+20°2166	9	34 44.84	− 0.19	+14.11	341 1 51.10	44.415	−10.42	− 20.6	8 34 58.76	− 3.78	+20 0 2.9	+20.7
47	B. D.+16°1802	9	37 22.98	− 0.18	+14.11	337 47 50.98	47.368	−10.42	− 24.4	8 37 36.91	− 3.71	+16 47 6.5	+20.3
48	δ Cancri	9	39 7.04	− 0.18	**+14.18**	339 31 51.72	44.110	−10.42	− 22.4	8 39 20.97	....	+18 29 54.8	....
49	ε Hydræ	9	41 34.38	− 0.16	**+14.14**	327 47 49.62	44.462	−10.42	− 37.7	8 41 48.33	....	+ 6 45 45.4	....
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50	π Leonis	9	55 1.08	− 0.17	**+13.98**	329 31 49.88	44.145	−10.37	− 35.3	9 55 14.91	....	+ 8 29 40.9	....
51	41 Leonis Minoris	9	38 4.31	− 0.22	**+14.05**	344 41 50.98	46.082	−10.52	− 16.4	10 38 18.09	....	+23 40 44.9	....
52	*l* Leonis	9	44 4.99	− 0.17	**+14.03**	332 3 50.55	46.225	−10.54	− 31.7	10 44 18.82	....	+11 2 32.5	....
53	6 H^1. Draconis	9	52 14.61	− 2.18	+14.00	39 15 55.82	46.830	−10.57	+ 49.2	10 52 26.43	....	+78 16 12.3	....
54	α Ursæ Majoris	9	57 42.04	− 0.77	+14.00	23 15 53.22	45.610	−10.59	+ 25.9	10 57 55.27	....	+62 15 18.7	....
55	237 B. Ursæ Majoris	7	11 9.96	− 0.47	+14.01	10 59 53.38	45.900	−10.64	+ 11.7	11 11 23.50	− 2.66	+49 59 11.2	+32.6
56	δ Crateris	9	14 24.52	− 0.17	**+13.95**	306 45 49.05	46.800	−10.65	−1 20.1	11 14 38.36	....	−14 16 4.3	....
57	*e* Leonis	9	25 16.54	− 0.16	+14.01	318 31 50.70	48.295	−10.69	− 52.9	11 25 30.39	− 2.73	− 2 29 1.4	+16.6
58	υ Leonis	9	31 53.92	− 0.16	**+14.02**	320 43 49.65	44.990	−10.71	− 49.0	11 32 7.77	....	− 0 18 14.1	....
59	ν Virginis	8	40 47.35	− 0.17	+14.01	328 5 49.12	43.520	−10.74	− 37.3	11 41 1.19	− 2.57	+ 7 3 23.5	+19.6
60	π Virginis	9	55 48.96	− 0.17	**+13.99**	328 9 48.90	46.000	−10.80	− 37.2	11 56 2.80	....	+ 7 8 20.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 5 14	.....	....	33.7
5 33	[illegible]	34.5	33.3
6 21	29.87	34.1	33.0
6 43	.....	....	33.0
7 10	29.86	34.1	33.2
7 34	.....	....	33.0
7 57	29.85	33.9	32.9
8 19	.....	....	32.9
8 43	[illegible]	[illegible]	32.2
9 55	29.85	32.8	32.0
10 38	.....	....	32.0
11 19	29.85	32.7	32.0

Micrometer bisections are made at II, VI, except as noted below.

4, 23. Bisections at II, VII.
16. Bisections at I, II.
24. Bisections at VI, VII.
29. Bisections at II, VI, VII.
53. Bisections at III, V.
54. Bisections at b_2, b_3.
55. Bisection at III.

Notes.

22–49. Haze.
50–60. Clouds.
51–53, 58. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	' "	' "	"	' "

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Corvi	9	24 45.54	− 0.17	**+14.05**	305 3 49.12	43.655	−10.90	−1 25.4	12 24 59.38	.....	−15 59 21.6	....
	December 27, Br.												
2	β Ceti	9	38 37.81	− 0.20	**+14.01**	302 31 50.52	46.482	−10.42	−1 31.9	0 38 51.70	.....	−18 30 21.6	...
3	ν Andromedæ	8	44 23.77	− 0.32	+14.09	1 35 52.88	43.685	−10.44	+ 1.7	0 44 37.54	.....	+40 34 10.3	....
4	ε Piscium	9	57 49.51	− 0.17	**+14.11**	328 25 50.50	42.362	−10.48	− 36.1	0 58 3.43	.....	+ 7 22 59.8	....
5	μ Cassiopeiæ	9	1 47.41	− 0.51	+14.09	15 29 53.25	41.935	−10.50	+ 16.4	1 2 0.99	.....	+54 27 45.3	....
6	τ Piscium	9	6 14.88	− 0.24	+14.09	350 37 51.48	42.515	−10.51	− 9.7	1 6 28.73	− 3.18	+29 35 30.6	−22.1
7	υ Piscium	9	14 3.91	− 0.23	**+14.07**	347 47 52.65	44.560	−10.54	− 12.7	1 14 17.77	.....	+26 46 15.5	....
8	ψ Cassiopeiæ	9	19 5.08	− 0.93	+14.09	28 37 54.00	48.702	−10.55	+ 32.4	1 19 18.24	− 5.41	+67 38 36.6	−30.2
9	48 Ceti	9	24 51.29	− 0.21	+14.09	298 55 49.35	45.075	−10.57	−1 46.3	1 25 5.17	− 2.46	−22 7 9.5	− 3.7
10	π Piscium	9	31 52.81	− 0.18	**+14.05**	332 41 51.18	43.705	−10.60	− 30.4	1 32 6.72	.....	+11 39 36.8	....
11	ω Cassiopeiæ	9	35 10.24	− 0.93	+14.09	28 33 54.70	47.835	−10.60	+ 32.3	1 35 23.40	.....	+67 34 17.4	....
12	ο Piscium	9	40 11.67	− 0.18	**+14.10**	329 41 50.85	47.622	−10.62	− 34.5	1 40 25.58	.....	+ 8 41 1.9	....
13	ζ Ceti	9	46 35.11	− 0.18	**+14.10**	310 13 49.90	46.138	−10.65	−1 9.7	1 46 49.02	.....	−10 48 8.2	....
14	υ Ceti	9	55 20.53	− 0.21	+14.09	299 31 49.80	42.145	−10.67	−1 44.0	1 55 34.41	.....	−21 32 13.8	....
15	α Arietis	9	1 38.56	− 0.21	**+14.08**	344 2	......	.....	.....	2 1 52.45	.....	+23 1	....
16	ο Ceti	9	14 21.90	− 0.17	+14.10	317 37 50.72	44.740	−10.74	− 53.9	2 14 35.83	.....	− 3 24 23.6	....
17	5 Ursæ Minoris s. p.	8	27 22.01	+ 2.20	+14.10	64 51 55.48	46.472	−10.77	+2 6.1	14 27 38.31	.....	+76 6 39.2	....
18	ν Arietis	9	33 14.95	− 0.20	**+14.09**	342 33 52.28	47.555	−10.80	− 18.5	2 33 28.85	.....	+21 33 17.5	....
19	θ Persei	9	37 33.56	− 0.42	+14.10	9 51 53.75	42.775	−10.81	+ 10.4	2 37 47.24	.....	+48 49 58.7	....
20	τ² Eridani	9	46 32.79	− 0.21	+14.10	299 39 49.72	43.505	−10.84	−1 43.5	2 46 46.68	.....	−21 23 42.5	....
21	η Eridani	9	51 36.32	− 0.17	**+14.11**	311 45 49.85	45.020	−10.86	−1 6.2	2 51 50.25	.....	− 9 16 30.5	....
22	ρ Persei	9	58 55.72	− 0.30	+14.10	359 29 52.32	45.000	−10.90	− 0.5	2 59 9.52	.....	+38 28 37.0	....
	December 27, Hl.												
23	ι Hydræ	9	34 49.68	− 0.17	+14.13	320 19 50.78	43.100	−11.14	− 50.0	9 35 3.64	− 3.32	− 0 42 57.5	+18.2
24	ε Leonis	9	40 17.23	− 0.22	**+14.12**	345 13 52.55	44.955	−11.14	− 15.9	9 40 31.14	.....	+24 12 20.6	....
25	ν Leonis	9	52 56.24	− 0.19	+14.13	333 55 51.98	43.480	−11.14	− 29.5	9 53 10.18	− 3.28	+12 53 32.8	+22.2
26	η Leonis	9	1 58.64	− 0.20	**+14.05**	338 15 52.45	42.358	−11.14	− 24.1	10 2 12.57	.....	+17 13 13.0	....
27	32 Ursæ Majoris	9	10 59.64	− 0.86	+14.13	26 35 54.95	43.005	−11.14	+ 30.3	10 11 12.91	.....	+65 34 24.4	....
28	37 Ursæ Majoris	9	28 52.89	− 0.59	+14.13	18 33 53.75	47.090	−11.14	+ 20.4	10 29 6.43	− 3.48	+57 33 46.8	+33.4
29	35 H. Ursæ Majoris	9	36 7.34	− 1.08	+14.13	30 33 55.72	46.495	−11.14	+ 35.8	10 36 20.39	− 3.83	+69 33 50.4	+35.1
30	47 Ursæ Majoris	9	53 58.06	− 0.34	+14.13	1 57 52.35	42.695	−11.14	+ 2.1	10 54 11.85	− 2.90	+40 55 46.8	+30.5
31	χ Leonis	9	59 55.87	− 0.18	**+14.21**	328 51 49.52	46.810	−11.14	− 36.4	11 0 9.82	.....	+ 7 50 39.6	....
32	φ Leonis	9	11 38.75	− 0.17	+14.14	317 53 51.20	45.312	−11.14	− 54.4	11 11 52.72	− 2.84	− 3 8 11.0	+17.0
33	σ Leonis	9	16 3.06	− 0.18	**+14.22**	327 35 49.98	41.675	−11.14	− 38.3	11 16 17.02	.....	+ 6 32 40.8	....
34	υ Leonis	9	31 53.79	− 0.17	**+14.19**	320 43 49.92	45.065	−11.14	− 49.2	11 32 7.76	.....	− 0 18 12.7	....
35	ο Hydræ	9	35 18.72	− 0.28	+14.14	286 49 49.30	48.992	−11.14	−3 16.2	11 35 32.58	− 3.03	−34 13 10.5	+ 6.1
36	Venus II, C	9	37 24.73	− 0.18	+14.16	297 51 48.90	45.988	−10.80	−1 51.5	17 37 38.71	− 0.37	−23 10 54.5	....
	December 28, Hl.												
37	Sun I, N	9	26 10.33	− 0.18	+14.17	297 59 51.65	48.865	−10.29	−1 50.2	18 26 24.32	+71.14	−23 1 44.1	....
38	Sun II, S	8	28 32.62	− 0.18	+14.17	297 27 51.78	47.595	−10.29	−1 52.7	18 28 46.61	−71.15	−23 34 15.6	....
	December 29, Br.												
39	Sun I, N	9	30 36.36	− 0.28	+14.27	298 3 53.35	46.435	− 9.69	−1 45.4	18 30 50.35	+71.20	−22 58 32.6	....
40	Sun II, S	9	32 58.76	− 0.28	+14.27	297 31 48.88	45.260	− 9.69	−1 47.8	18 33 12.75	−71.20	−23 31 6.4	....
41	20 Ceti	9	47 57.68	− 0.28	**+14.25**	319 21 50.15	47.100	− 9.23	− 48.9	0 48 11.70	.....	− 1 39 23.7	....
42	ε Piscium	9	57 49.44	− 0.28	**+14.26**	328 25 49.60	42.285	− 9.23	− 35.0	0 58 3.46	.....	+ 7 22 59.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 12 27	29.845	32.2	31.2
27 0 39	29.89	40.6	42.0
0 54	......	....	42.0
1 6	......	....	41.1
1 28	......	....	40.1
1 50	29.895	39.2	39.8
2 14	......	....	39.0
2 40	......	....	38.9
3 3	29.90	37.8	38.9
9 23	29.925	30.9	31.5
9 43	......	....	30.4
9 57	......	....	30.0
10 15	......	....	29.7
10 33	......	....	29.2
10 43	29.91	30.3	30.0
11 5	......	....	30.2
11 22	......	....	30.6
11 42	29.92	30.7	30.8
17 37	29.925	39.4	39.0
28 18 29	29.91	41.0	41.4
29 18 33	29.275	50.6	51.1
0 8	29.32	48.6	47.9
0 48	......	....	47.7

Micrometer bisections are made at II, VI, except as noted below.

2, 12, 21, 38, 40.	Bisections at VI, VII.
3.	Bisections at b_4, b_9.
4, 10, 18, 37, 39.	Bisections at I, II.
5, 8, 19.	Bisections at III, V.
11, 17.	Bisections at b_2, b_8.
36.	Bisections at I, II, VI, VII.

Notes.

1, 41.	Clouds.
13.	Faint.
14.	Unsteady.
19.	Micrometer reading decreased 1 rev.
24.	Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
36	+ 4.7	.. ....	0.0	+ 4.7
37	+ 7.9	−16 15.8	...	−16 7.9
38	+ 7.9	+16 15.7	...	+16 23.6
39	+ 7.9	−16 16.9	...	−16 9.0
40	+ 7.9	+16 16.9	...	+16 24.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	τ Piscium	7	6 14.73	− 0.36	+14.30	350 37 51.40	42.440	− 9.23	− 9.4	1 6 28.67	− 3.15	+29 35 30.4	−22.0
2	λ Arietis	9	52 27.33	− 0.32	+14.31	344 9 51.45	44.770	− 9.23	− 16.2	1 52 41.32	− 3.38	+23 8 16.9	−16.8
3	α Arietis	9	1 38.39	− 0.32	+14.34	344 1 51.70	46.905	− 9.23	− 16.3	2 1 52.38	.....	+23 1 5.9	....
4	ξ^1 Ceti	9	7 46.89	− 0.28	+14.36	329 25 49.72	45.635	− 9.23	− 33.7	2 8 0.92	.....	+ 8 24 17.5	....
5	67 Ceti	9	12 3.58	− 0.28	+14.28	314 11 49.55	42.122	− 9.23	− 58.8	2 12 17.61	.....	− 6 51 28.0	....
6	ν Ceti	9	30 42.42	− 0.28	+14.33	326 13 49.88	42.152	− 9.23	− 38.3	2 30 56.45	.....	+ 5 10 53.5	....
7	δ Ceti	6	34 25.82	− 0.28	+14.37	320 57 49.62	43.520	− 9.23	− 46.4	2 34 39.85	.....	− 0 4 43.6	....
8	η Eridani	9	51 36.23	− 0.29	+14.31	311 45 49.35	44.885	− 9.23	−1 4.1	2 51 50.25	.....	− 9 16 30.3	....
9	α Ceti	9	57 8.06	− 0.28	+14.30	324 45 49.78	42.955	− 9.23	− 40.5	2 57 22.09	.....	+ 3 43 9.6	....
	December 29, Hl.												
10	ε Leonis	9	40 17.15	− 0.29	+14.33	345 13 51.88	44.920	−10.19	− 15.3	9 40 31.20	.....	+24 12 20.7	....
11	μ Leonis	9	47 11.24	− 0.30	+14.29	347 27 51.98	46.218	−10.19	− 12.9	9 47 25.28	.....	+26 26 52.9	....
12	π Leonis	9	55 0.91	− 0.26	+14.32	329 31 49.08	44.140	−10.19	− 34.2	9 55 14.99	.....	+ 8 29 41.3	....
13	υ^2 Hydræ	9	0 19.10	− 0.28	+14.34	308 25 49.18	45.460	−10.19	−1 13.2	10 0 33.16	.....	−12 36 27.4	....
14	λ Hydræ	9	5 46.56	− 0.27	+14.38	309 9 48.75	43.185	−10.19	−1 11.4	10 6 0.63	.....	−11 53 18.0	....
15	μ Ursæ Majoris	9	16 29.88	− 0.40	+14.35	2 59 52.90	43.650	−10.19	+ 3.1	10 16 43.83	.....	+41 58 11.1	....
16	37 Ursæ Majoris	9	28 52.81	− 0.62	+14.35	18 33 52.20	47.175	−10.19	+ 19.7	10 29 6.54	− 3.59	+57 33 47.4	+33.3
17	35 H. Ursæ Majoris	9	36 7.34	− 1.07	+14.35	30 33 53.62	46.608	−10.19	+ 34.6	10 36 20.62	− 3.98	+69 33 50.6	+35.0
18	47 Ursæ Majoris	9	53 58.00	− 0.39	+14.35	1 57 52.18	42.670	−10.19	+ 2.0	10 54 11.96	− 2.99	+40 55 46.9	+30.7
19	χ Leonis	9	59 55.88	− 0.26	+14.35	328 51 49.65	46.702	−10.19	− 35.2	11 0 9.97	.....	+ 7 50 39.4	....
20	φ Leonis	9	11 38.71	− 0.26	+14.35	317 53 50.45	45.235	−10.19	− 52.7	11 11 52.80	− 2.90	− 3 8 10.8	+17.4
21	σ Leonis	9	16 3.07	− 0.26	+14.35	327 35 50.10	41.580	−10.19	− 37.1	11 16 17.16	.....	+ 6 32 40.9	....
22	υ Leonis	9	31 53.76	− 0.26	+14.38	320 43 49.48	44.942	−10.19	− 47.7	11 32 7.85	.....	− 0 18 13.5	....
23	ζ Crateris	9	39 45.66	− 0.29	+14.35	303 11 48.68	48.612	−10.19	−1 28.9	11 39 59.72	.....	−17 49 31.6	....
24	6 B. Ursæ Minoris	9	14 9.11	−14.25	+14.35	49 14	......	.....	. ....	12 14 9.21	.....	+88 13	....
25	43 H. Cephei s. P.	9	55 33.06	+ 6.23	+14.36	55 14	......	.....	. ....	0 55 53.65	.....	+85 45	....
26	Mercury II, C	9	1 57.37	− 0.28	+14.37	300 47 49.42	48.158	−10.34	−1 37.6	17 2 11.46	− 0.26	−20 13 50.0	....
27	Venus II, C	9	48 21.43	− 0.30	+14.37	297 41 49.28	47.638	−10.34	−1 50.5	17 48 35.50	− 0.37	−23 20 14.9	....
	December 30, Hl.												
28	Sun I, S	9	35 2.01	− 0.30	+14.38	297 35 49.68	44.345	−10.36	−1 50.9	18 35 16.09	+71.23	−23 27 30.1	....
29	Sun II, N	9	37 24.48	− 0.30	+14.38	298 7 48.72	45.805	−10.36	−1 48.4	18 37 38.56	−71.24	−22 54 55.4	....
30	Moon I, S	9	38 52.09	− 0.27	+14.39	310 5 49.92	45.485	−10.50	−1 8.8	22 39 6.21	+64.38	−10 56 22.1	....
31	2 Ceti	9	58 40.47	− 0.28	+14.33	303 9 48.92	48.075	−10.50	−1 29.1	23 58 54.58	.....	−17 51 44.1	....
32	κ^3 Sculptoris	9	6 33.01	− 0.32	+14.39	292 43 49.52	45.230	−10.50	−2 18.6	0 6 47.08	− 1.97	−28 19 38.0	− 5.1
33	ι Ceti	9	14 23.38	− 0.25	+14.41	311 39 49.30	49.392	−10.50	−1 5.6	0 14 37.53	.....	− 9 20 50.1	....
34	12 Ceti	9	24 59.63	− 0.24	+14.41	316 33 50.45	43.962	−10.50	− 55.4	0 25 13.79	.....	− 4 28 42.9	....
35	13 Ceti	9	30 9.68	− 0.24	+14.40	316 55 50.18	43.955	−10.50	− 54.7	0 30 23.84	.....	− 4 6 42.6	....
36	1 B. Ursæ Minoris	7	57 34.43	−17.58	+14.40	49 31 54.90	44.062	−10.50	+1 8.9	0 57 31.25	−38.20	+88 31 28.0	−33.8
37	υ Piscium	9	14 3.55	− 0.29	+14.45	347 47 51.40	44.650	−10.50	− 12.6	1 14 17.66	.....	+26 46 16.5	....
38	48 Ceti	9	24 51.08	− 0.30	+14.40	298 55 49.02	45.062	−10.50	−1 45.8	1 25 5.18	− 2.42	−22 7 9.5	− 3.4
39	ν Piscium	9	36 17.94	− 0.24	+14.40	326 1 50.08	46.885	−10.50	− 39.5	1 36 32.10	.....	+ 5 0 39.4	....
40	ο Piscium	9	40 11.41	− 0.25	+14.39	329 41 50.52	47.640	−10.50	− 34.3	1 40 25.56	.....	+ 8 41 2.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 1 9	29.35	47.1	48.0
1 52	......	....	46.9
2 16	29.37	46.8	46.7
2 59	29.375	45.9	45.0
9 30	29.47	40.1	40.9
9 51	......	....	40.0
10 11	......	....	40.0
10 22	29.495	40.8	39.9
10 43	......	....	39.7
11 7	......	....	39.0
11 22	29.50	38.9	39.0
11 49	29.515	38.8	38.9
17 2	29.645	41.9	40.8
17 48	29.64	42.8	41.7
30 18 37	29 64	43.5	42.5
22 39	29.715	45.1	45.0
23 41	29.74	42.8	43.1
0 3	......	....	42.3
0 19	......	....	42.0
0 39	29.76	41.3	41.3
1 10	......	....	40.9
1 19	......	....	40.8
1 30	......	....	40.2
1 50	29.755	40.2	40.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisection at II.
4, 28.	Bisections at I, II.
7, 29.	Bisections at VI, VII.
26, 27, 38.	Bisections at I, II, VI, VII.
30.	Bisections at II, III, IV, V, VI.
36.	Bisections at b_4, b_5, b_6.

Notes.

1-9.	Clouds.
10.	Windy.
11.	Fuzzy.
31-35.	Images poor; fuzzy.
32.	Faint; unsteady.
36.	Microscopes read at beginning and end of observation.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
26	+ 8.4	.. ....	+0.3	+ 8.7
27	+ 4.7	.. ....	0.0	+ 4.7
28	+ 7.9	+16 17.4	...	+16 25.3
29	+ 7.9	−16 17.3	...	−16 9.4
30	+42 42.2	+15 18.6	...	+58 0.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	January 1, Hl.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon I, S.	9	16 6.77	– 0.19	+14.63	318 17 46.35	48.953	–10.82	– 53.2	0 16 21.21	+61.82	– 2 42 51.1	....
2	48 Ceti	9	24 50.77	– 0.23	+14.64	298 55 50.30	45.125	–10.82	–1 47.8	1 25 5.18	+ 0.48	–22 7 9.1	+15.5
3	ν Piscium	9	36 17.65	– 0.20	**+14.63**	326 1 49.92	46.928	–10.82	– 40.3	1 36 32.09	.....	+ 5 0 39.1	....
4	ο Piscium	9	40 11.11	– 0.20	**+14.62**	329 41 50.55	47.685	–10.82	– 34.9	1 40 25.55	.....	+ 8 41 2.4	....
5	ε Cassiopeiæ	9	47 24.55	– 0.84	+14.64	24 13 54.72	43.750	–10.82	+ 27.1	1 47 38.35	.....	+63 12 38.4	....
6	α Arietis	9	1 37.89	– 0.25	**+14.74**	344 3 51.05	41.842	–10.82	– 17.1	2 1 52.28	.....	+23 1 7.1	....
7	55 Cassiopeiæ	9	6 53.23	– 0.98	+14.64	27 5 54.42	45.172	–10.82	+ 30.8	2 7 6.89	.....	+66 5 14.2	....
8	ι Cassiopeiæ	9	21 6.40	– 1.03	+14.64	27 59 53.88	44.482	–10.82	+ 32.0	2 21 20.01	.....	+66 58 59.1	....
9	σ Ceti	9	27 23.45	– 0.21	+14.64	305 23 48.20	42.908	–10.82	–1 24.3	2 27 37.88	.....	–15 39 38.4	....
10	δ Ceti	9	34 25.38	– 0.19	**+14.69**	320 57 50.32	43.632	–10.82	– 48.6	2 34 39.83	.....	– 0 4 44.1	....
11	ε Arietis (*mean*)	9	53 35.97	– 0.24	**+14.62**	341 57 51.50	49.048	–10.82	– 19.5	2 53 50.38	.....	+20 57 49.9	....
12	α Ceti	9	57 7.64	– 0.20	**+14.62**	324 43 51.98	48.288	–10.82	– 42.4	2 57 22.09	.....	+ 3 43 10.1	....
	January 1, Br.												
13	α Crateris	9	54 57.46	– 0.21	**+14.60**	303 13 48.92	48.115	–11.26	–1 32.3	10 55 11.93	.....	–17 47 47.2	....
14	χ Leonis	9	59 55.53	– 0.20	**+14.74**	328 51 50.40	46.745	–11.26	– 36.6	11 0 10.01	.....	+ 7 50 38.6	....
15	β Crateris	9	6 47.83	– 0.22	+14.68	298 43 47.75	46.788	–11.26	–1 50.2	11 7 2.29	.....	–22 18 36.5	....
16	237 B. Ursæ Majoris	9	11 9.63	– 0.50	+14.68	10 59 53.25	45.928	–11.26	+ 11.9	11 11 23.81	+ 0.47	+49 59 11.3	+13.3
17	σ Leonis	9	16 2.75	– 0.19	**+14.70**	327 35 48.90	41.682	–11.26	– 38.5	11 16 17.24	.....	+ 6 32 39.5	....
18	τ Leonis	9	22 51.56	– 0.18	**+14.66**	324 23 49.82	46.590	–11.26	– 43.4	11 23 6.06	.....	+ 3 22 27.7	....
19	39 H. Cephei s. p.	5	27 25.54	+ 9.67	+14.68	54 11 54.28	45.970	–11.26	+1 24.4	23 27 49.89	.....	+86 47 33.8	....
20	ζ Crateris	9	39 45.39	– 0.20	+14.69	303 11 48.22	48.755	–11.26	–1 32.5	11 39 59.88	.....	–17 49 33.4	....
21	ο Leonis	9	50 35.61	– 0.20	+14.69	337 11 50.32	44.985	–11.26	– 25.5	11 50 50.10	+ 0.45	+16 10 9.4	+ 3.4
22	*b* Virginis	9	54 53.15	– 0.17	+14.69	325 11 48.88	47.335	–11.26	– 42.2	11 55 7.67	+ 0.37	+ 4 10 45.0	– 0.7
23	128 H^1. Camelopardalis	5	59 49.16	– 7.29	+14.69	47 5 55.20	46.327	–11.26	+1 5.6	12 0 56.56	+ 4.72	+86 6 15.9	+16.2
24	6 B. Ursæ Minoris	8	14 14.68	–16.16	+14.69	49 13 54.30	42.930	–11.26	+1 10.6	12 14 13.21	.....	+88 13 2.1	....
25	15 Comæ Berenices	9	22 0.12	– 0.25	+14.69	349 47 51.28	47.472	–11.26	– 10.9	12 22 14.56	+ 0.75	+28 47 21.0	+ 6.5
26	23 Comæ Berenices	9	29 54.89	– 0.21	+14.69	344 9 51.22	46.162	–11.26	– 17.2	12 30 9.37	.....	+23 8 45.5	....
27	χ Virginis	9	34 8.69	– 0.16	+14.69	313 33 50.82	44.730	–11.26	–1 3.9	12 34 23.22	+ 0.50	– 7 28 34.2	– 6.1
28	d^2 Virginis	9	40 36.96	– 0.16	+14.69	329 13 49.68	43.155	–11.26	– 36.2	12 40 51.49	+ 0.67	+ 8 11 16.3	– 0.8
29	31 Comæ Berenices	9	46 51.90	– 0.23	**+14.70**	349 5 53.08	41.375	–11.26	– 11.7	12 47 6.36	.....	+28 3 3.5	....
30	δ Virginis	9	50 36.93	– 0.16	**+14.65**	324 55 51.58	46.720	–11.26	– 42.7	12 50 51.46	.....	+ 3 54 33.1	....
31	43 H. Cephei s. p.	5	55 31.40	+ 7.12	+14.69	55 13 55.15	46.240	–11.26	+1 28.0	0 55 53.21	.....	+85 45 23.3	....
32	*r* Centauri	9	11 24.68	– 0.24	+14.69	290 3 50.20	44.750	–11.26	–2 45.3	13 11 39.13	+ 0.56	–31 0 15.7	–15.2
	January 2, Br.												
33	Sun I, S.	9	48 17.88	– 0.20	+14.70	297 49 51.08	43.555	–10.93	–1 53.4	18 48 32.38	+70.96	–23 13 49.8	....
34	Sun II, N.	9	50 39.81	– 0.20	+14.70	298 21 47.35	45.088	–10.93	–1 50.8	18 50 54.31	–70.97	–22 41 16.1	....
35	β Ceti	9	38 37.08	– 0.20	**+14.66**	302 31 49.20	46.693	–11.10	–1 34.0	0 38	.....	–18 30 20.9	....
36	59 H^1. Cassiopeiæ	9	44 47.39	– 0.79	.....	24 43 54.30	48.358	–11.10	+ 27.9	0 45	.....	+63 44 24.0	–12.2
37	μ Andromedæ	9	51 17.34	– 0.31	.....	358 59 52.85	47.342	–11.10	– 1.0	0 51	.....	+37 59 30.4	....
38	ε Piscium	9	57 48.79	– 0.18	**+14.77**	328 25 50.28	42.430	–11.10	– 37.0	0 58	.....	+ 7 22 59.7	....
39	Moon I, S.	8	2 36.91	– 0.17	.....	322 29 50.48	47.708	–11.10	– 46.2	1 2	.....	+ 1 28 48.5	....
	January 4, Br.												
40	Venus II, C.	9	21 16.82	– 0.24	+15.03	297 31 51.98	45.505	– 7.80	–1 50.6	18 21 31.61	– 0.37	–23 30 58.5	....
	January 5, Br.												
41	Sun I, N.	9	1 30.19	– 0.24	+15.03	298 39 51.90	43.938	– 7.61	–1 45.1	19 1 44.98	+70.90	–22 23 28.6	....
42	Sun II, S.	9	3 51.99	– 0.24	+15.03	298 7 52.12	42.388	– 7.61	–1 47.5	19 4 6.78	–70.90	–22 56 6.4	....
43	6 B. Ursæ Minoris s. p.	9	13 48.06	+12.73	+15.06	52 45 55.90	47.641	– 6.92	+1 16.5	12 14 15.85	.....	+88 12 57.2	....
44	20 Ceti	9	47 56.73	– 0.18	**+15.02**	319 21 52.32	46.958	– 6.99	– 49.8	0 48 11.61	.....	– 1 39 23.5	....
45	ε Piscium	9	57 48.46	– 0.18	**+15.06**	328 25 52.85	42.045	– 7.02	– 35.8	0 58 3.34	.....	+ 7 22 58.7	....
46	τ Piscium	9	6 13.71	– 0.22	+15.06	350 37 53.92	42.235	– 7.05	– 9.6	1 6 28.55	+ 0.24	+29 35 30.2	– 2.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 0 22	30.11	37.8	37.1
1 16	30.125	35.9	37.3
1 29	......	....	37.5
1 52	......	....	36.8
2 14	30.14	35.3	36.3
2 42	......	....	36.2
3 2	30.15	35.2	35.9
10 55	30.15	30.9	31.0
11 19	......	....	31.0
12 8	30.16	30.7	30.1
13 0	......	....	29.5
13 14	30.19	30.0	29.7
2 18 51	30.18	37.6	36.2
0 35	30.08	35.1	34.0
1 6	......	....	33.1
1 25	30.075	34.4	....
4 18 22	29.535	43.9	43.3
5 19 4	29.535	46.1	45.3
0 7	29.52	44.7	42.9
0 48	29.53	42.3	41.1

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at II, III, IV, V, VI.
2.	Bisections at II, VII.
14, 25, 30, 34, 42, 44.	Bisections at VI, VII.
15, 21, 26, 33, 38, 41, 45.	Bisections at I, II.
16, 36.	Bisections at III, V.
19, 31.	Bisections at b_1, b_3, b_5.
23.	Bisections at b_5, b_7, b_9.
24.	Bisections at b_2, b_5, b_8.
35, 40.	Bisections at II, VI, VII.
39.	Bisections at V, VI, VII.
43.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

1–12.	Images poor.
10, 13, 25, 37, 38.	Faint.
13–32, 37, 38.	Clouds.
15.	Haze.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+36 13.4	+14 57.5	...	+51 10.9
33	+ 7.9	+16 16.8	...	+16 24.7
34	+ 7.8	–16 16.8	...	–16 9.0
39	+32 53.2	+14 51.0	...	+47 44.2
40	+ 4.6	.. ....	0.0	+ 4.6
41	+ 7.8	–16 18.8	...	–16 11.0
42	+ 7.9	+16 18.9	...	+16 26.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	υ Piscium	9	14 2.78	− 0.21	**+15.05**	347 47 54.10	44.328	− 7.08	− 12.6	1 14 17.63	.....	+26 46 15.2	....
2	α Ursæ Minoris	9	25 39.22	−18.48	+15.06	49 47 56.85	46.770	− 7.13	+1 9.2	1 25 35.80	.....	+88 48 34.5	....
3	o Piscium	9	40 10.62	− 0.18	**+15.04**	329 41 52.18	47.350	− 7.18	− 34.0	1 40 25.51	.....	+ 8 41 0.9	....
4	ι Draconis s. P.	9	48 22.88	+ 1.19	+15.07	75 45 57.58	46.145	− 7.21	+3 47.2	13 48 39.14	+ 2.09	+65 10 59.7	+11.9
5	α Piscium (*brighter*)	9	56 55.90	− 0.18	+15.07	323 19 53.32	46.302	− 7.24	− 43.3	1 57 10.79	+ 0.19	+ 2 18 28.8	+ 8.4
6	α Arietis	9	1 37.48	− 0.20	**+15.05**	344 1 54.22	46.720	− 7.26	− 16.6	2 1 52.35	.....	+23 1 5.9	....
7	ξ^1 Ceti	9	7 46.02	− 0.18	**+15.06**	329 25 52.70	45.420	− 7.28	− 34.3	2 8 0.91	.....	+ 8 24 17.0	....
8	o Ceti	9	14 20.87	− 0.19	+15.07	317 37 52.65	44.450	− 7.31	− 53.0	2 14 35.75	.....	− 3 24 24.0	....
9	5 Ursæ Minoris s. P.	9	27 22.08	+ 1.86	+15.07	64 51 56.65	46.450	− 7.36	+2 4.2	14 27 39.01	.....	+76 6 37.0	....
10	ν Arietis	9	33 13.85	− 0.19	**+15.10**	342 33 53.92	47.328	− 7.38	− 18.3	2 33 28.73	.....	+21 33 17.6	....
11	θ Persei	9	37 32.35	− 0.35	+15.07	9 51 55.35	42.608	− 7.40	+ 10.2	2 37 47.07	.....	+48 49 59.7	....
12	τ^2 Eridani	9	46 31.77	− 0.24	+15.07	299 39 51.62	43.162	− 7.43	−1 42.1	2 46 46.60	.....	−21 23 43.6	....
13	η Eridani	9	51 35.33	− 0.20	**+15.06**	311 45 52.10	44.685	− 7.45	−1 5.3	2 51 50.20	.....	− 9 16 31.6	....
14	ρ Persei	9	58 54.59	− 0.26	+15.07	359 29 54.52	44.775	− 7.47	− 0.5	2 59 9.40	.....	+38 28 37.5	....
	January 5, Ei.-Y.												
15	Moon I, S.	9	23 41.49	− 0.18	+15.19	333 43 53.08	44.668	− 7.21	− 28.8	3 23 56.50	+63.02	+12 42 5.7	....
16	o^2 Eridani	9	10 42.19	− 0.20	**+15.22**	313 13 53.18	45.655	− 7.39	−1 2.2	4 10 57.19	.....	− 7 48 5.2	....
17	γ Tauri	9	14 12.11	− 0.19	**+15.18**	336 25 53.88	44.215	− 7.40	− 25.5	4 14 27.12	.....	+15 23 59.2	....
18	B. D.+23°684	9	18 5.14	− 0.21	+15.20	345 5 55.15	46.120	− 7.42	− 15.5	4 18 20.13	− 0.58	+24 4 54.0	+ 5.4
19	B. D.+14°697	9	21 3.16	− 0.19	+15.20	335 31 53.32	44.325	− 7.43	− 26.6	4 21 18.17	− 0.53	+14 30 0.1	+ 7.6
20	B. D.+15°633	9	23 22.57	− 0.19	+15.20	336 59 53.52	41.640	− 7.44	− 24.9	4 23 37.58	− 0.54	+15 57 0.6	+ 7.3
21	B. D.+15°639	9	25 2.65	− 0.19	+15.20	336 31 53.85	42.122	− 7.44	− 25.4	4 25 17.66	− 0.55	+15 29 11.5	+ 7.4
22	B. D.+28°666	9	28 30.69	− 0.23	+15.20	349 47 53.78	43.200	− 7.46	− 10.5	4 28 45.66	− 0.66	+28 45 50.8	+ 4.7
23	B. D.+26°730	9	30 43.79	− 0.22	+15.20	347 57 55.12	45.148	− 7.46	− 12.5	4 30 58.77	− 0.65	+26 56 35.7	+ 5.2
24	B. D.+15°665	9	33 32.68	− 0.19	+15.20	336 37 53.30	46.412	− 7.47	− 25.3	4 33 47.69	− 0.57	+15 36 49.0	+ 7.6
25	B. D.+23°733	9	37 17.87	− 0.21	+15.20	344 55 54.22	45.395	− 7.49	− 15.7	4 37 32.86	− 0.64	+23 54 36.2	+ 6.0
26	B. D.+18°719	9	40 32.99	− 0.20	+15.20	339 35 54.20	43.625	− 7.50	− 21.8	4 40 47.99	− 0.61	+18 33 49.7	+ 7.1
27	B. D.+23°747	9	43 53.07	− 0.21	+15.20	344 15 54.70	43.590	− 7.51	− 16.5	4 44 8.06	− 0.65	+23 13 54.6	+ 6.2
28	B. D.+23°757	9	47 39.38	− 0.21	+15.20	344 11 53.65	42.592	− 7.53	− 16.6	4 47 54.37	− 0.66	+23 9 30.7	+ 6.4
29	B. D.+23°777	9	51 52.08	− 0.21	+15.20	344 49 53.85	44.010	− 7.54	− 15.9	4 52 7.07	− 0.67	+23 48 4.0	+ 6.3
30	B. D.+22°800	9	55 35.14	− 0.21	+15.20	343 59 54.95	43.555	− 7.56	− 16.8	4 55 50.13	− 0.67	+22 57 53.7	+ 6.6
31	B. D.+17°832	9	59 11.76	− 0.20	+15.20	338 39 53.30	46.900	− 7.57	− 22.9	4 59 26.76	− 0.65	+17 39 2.5	+ 7.6
32	B. D.+21°766	9	2 3.88	− 0.20	+15.20	342 35 53.55	45.965	− 7.58	− 18.3	5 2 18.88	− 0.68	+21 34 45.9	+ 7.0
33	B. D.+23°872	9	5 3.43	− 0.21	+15.20	344 5 54.32	47.430	− 7.59	− 16.7	5 5 18.42	− 0.69	+23 5 21.7	+ 6.8
34	B. D.+18°806	7	10 4.77	− 0.20	+15.20	339 33 53.68	43.625	− 7.61	− 21.8	5 10 19.77	− 0.67	+18 31 49.1	+ 7.6
35	B. D.+26°805	9	13 42.92	− 0.22	+15.20	347 11 54.60	42.675	− 7.63	− 13.3	5 13 57.90	− 0.73	+26 9 36.7	+ 6.5
36	B. D.+28°788	9	17 11.37	− 0.23	+15.20	349 51 54.20	45.635	− 7.64	− 10.4	5 17 26.34	− 0.76	+28 50 46.8	+ 6.2
37	B. D.+25°828	9	19 59.05	− 0.22	+15.20	346 41 55.80	44.918	− 7.65	− 13.8	5 20 14.03	− 0.74	+25 40 28.6	+ 6.7
38	B. D.+23°916	8	21 58.91	− 0.21	+15.20	344 13 54.15	45.965	− 7.66	− 16.5	5 22 13.90	− 0.72	+23 12 48.2	+ 7.1
39	B. D.+19°946	9	25 59.08	− 0.20	+15.20	340 29 54.08	46.005	− 7.67	− 20.8	5 26 14.08	− 0.70	+19 28 44.8	+ 7.7
40	B. D.+22°949	9	29 1.21	− 0.21	+15.20	343 31 54.08	44.540	− 7.68	− 17.3	5 29 16.20	− 0.73	+22 30 14.7	+ 7.4
41	B. D.+19°986	9	31 46.47	− 0.20	+15.20	340 43 53.75	47.300	− 7.69	− 20.5	5 32 1.47	− 0.72	+19 43 14.3	+ 7.8
42	B. D.+17°979	9	35 40.02	− 0.19	+15.20	338 29 52.60	45.022	− 7.71	− 23.1	5 35 55.03	− 0.71	+17 28 18.5	+ 8.1
43	B. D.+27°849	9	38 12.33	− 0.23	+15.20	348 41 54.58	46.945	− 7.72	− 11.7	5 38 27.30	− 0.78	+27 41 15.8	+ 6.9
44	130 Tauri	9	41 43.03	− 0.20	+15.20	338 43 53.00	43.005	− 7.74	− 22.8	5 41 58.03	− 0.72	+17 41 33.1	+ 8.2
45	B. D.+23°1087	9	45 53.40	− 0.21	+15.21	344 23 53.72	42.272	− 7.74	− 16.4	5 46 8.40	− 0.75	+23 21 23.4	+ 7.6
46	B. D.+20°1162	9	48 34.72	− 0.20	+15.21	341 17 54.32	42.518	− 7.76	− 19.9	5 48 49.73	− 0.74	+20 15 26.1	+ 8.0
47	α Orionis	9	49 50.71	− 0.19	**+15.20**	328 25 52.85	42.858	− 7.76	− 36.1	5 50 5.73	.....	+ 7 23 16.3	....
48	B. D.+20°1199	9	53 4.83	− 0.20	+15.21	341 41 53.25	43.922	− 7.77	− 19.4	5 53 19.84	− 0.74	+20 39 57.6	+ 8.0
49	B. D.+28°997	9	58 5.54	− 0.23	+15.21	349 19 54.82	43.960	− 7.79	− 11.0	5 58 20.52	− 0.80	+28 18 8.4	+ 7.4
50	B. D.+29°1112	9	0 8.15	− 0.23	+15.21	350 31 54.70	46.462	− 7.80	− 9.8	6 0 23.13	− 0.81	+29 31 6.7	+ 7.3
51	B. D.+23°1226	9	3 47.18	− 0.21	+15.21	344 9 54.15	42.950	− 7.81	− 16.7	6 4 2.18	− 0.76	+23 7 39.0	+ 8.0
52	B. D.+20°1302	9	5 32.09	− 0.20	+15.21	341 57 53.08	42.412	− 7.82	− 19.2	6 5 47.10	− 0.75	+20 55 23.1	+ 8.2
53	B. D.+17°1182	9	8 44.89	− 0.20	+15.21	338 57 53.30	43.852	− 7.83	− 22.6	6 8 59.90	− 0.74	+17 55 52.8	+ 8.5
54	B. D.+24°1182	9	10 20.21	− 0.21	+15.21	345 1 54.30	43.682	− 7.84	− 15.7	6 10 35.21	− 0.77	+23 59 56.8	+ 8.0
55	B. D.+17°1203	9	13 19.64	− 0.19	+15.21	338 23 53.88	43.208	− 7.85	− 23.3	6 13 34.66	− 0.74	+17 21 38.0	+ 8.5
56	B. D.+19°1313	9	15 47.19	− 0.20	+15.21	340 57 53.22	44.042	− 7.86	− 20.3	6 16 2.20	− 0.75	+19 55 59.3	+ 8.4
57	μ Geminorum	9	17 2.21	− 0.21	**+15.24**	343 35 53.95	42.960	− 7.86	− 17.3	6 17 17.21	.....	+22 33 38.3	....
58	B. D.+23°1347	8	19 35.95	− 0.21	+15.21	344 23 53.82	45.565	− 7.87	− 16.4	6 19 50.95	− 0.77	+23 22 38.7	+ 8.2
59	B. D.+30°1238	9	22 17.46	− 0.24	+15.21	351 33 54.12	46.142	− 7.88	− 8.7	6 22 32.43	− 0.82	+30 32 59.8	+ 7.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 1 30	......	....	40.0
1 50	......	....	40.9
2 10	......	....	40.2
2 38	......	....	40.3
3 1	29.56	39.9	40.0
3 26	29.57	39.6	39.8
4 9	29.58	38.5	38.9
4 35	......	....	38.7
4 56	29.565	37.5	38.3
5 23	......	....	37.7
5 43	29.58	36.6	37.5
6 12	......	....	36.2

Micrometer bisections are made at II, VI, except as noted below.

1, 5, 10, 46, 56.	Bisections at I, II.
2.	Bisections at b_1, b_3, b_5, b_7, b_9.
9, 11.	Bisections at III, V.
15.	Bisections at II, III, IV, V, VI.
30, 40, 44, 53, 57.	Bisections at II, VII.
31.	Bisections at III, VI.

Notes.

4.	Faint; unsteady.
6.	Woolly, unsteady.
16–59.	Images poor and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+23 48.1	+14 49.5	...	+38 37.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+22°1364.	9	26 5.46	− 0.21	+15.21	343 15 55.28	46.590	− 7.90	− 17.7	6 26 20.46	− 0.76	+22 15 2.2	+ 8.4
2	B. D.+17°1306.	9	30 11.03	− 0.20	+15.21	338 47 52.40	44.142	− 7.91	− 22.8	6 30 26.04	− 0.75	+17 45 58.3	+ 8.6
3	B. D.+22°1416.	9	33 11.74	− 0.21	+15.21	343 7 53.60	45.830	− 7.92	− 17.8	6 33 26.74	− 0.76	+22 6 43.0	+ 8.5
4	*S* Monocerotis.	9	35 33.82	− 0.19	**+15.23**	330 59 53.12	46.865	− 7.93	− 32.6	6 35 48.84	.....	+ 9 58 51.4	....
5	ι Geminorum.	9	19 39.17	− 0.23	**+15.23**	348 59 54.88	46.240	− 7.98	− 11.4	7 19 54.15	.....	+27 59 0.0	....
6	β Canis Minoris.	9	21 48.96	− 0.19	**+15.23**	329 29 51.60	46.460	− 7.98	− 34.8	7 22 3.98	.....	+ 8 28 38.4	....
	January 5, Hl.												
7	ε Virginis.	9	57 14.28	− 0.22	**+15.17**	332 29 52.65	44.240	− 7.91	− 30.8	12 57 29.18	.....	+11 27 53.8	....
8	θ Virginis.	9	4 49.45	− 0.22	**+15.12**	315 59 52.38	45.405	− 7.91	− 57.2	13 5 4.35	.....	− 5 2 7.2	....
9	α Virginis.	9	19 58.92	− 0.23	**+15.10**	310 21 51.68	46.065	− 7.91	−1 9.6	13 20 13.81	.....	−10 40 5.2	....
10	*m* Virginis.	9	36 25.02	− 0.23	**+15.09**	312 47 52.05	47.115	− 7.91	−1 3.9	13 36 39.91	.....	− 8 13 35.2	....
11	Mercury II, C.	9	27 39.86	− 0.21	+15.14	299 21 50.35	45.598	− 7.73	−1 43.6	17 27 54.79	− 0.23	−21 40 51.0	....
	January 6, Hl.												
12	Sun I, S.	9	5 53.37	− 0.21	+15.15	298 13 51.80	44.600	− 7.95	−1 48.5	19 6 8.31	+70.84	−22 49 17.4	....
13	Sun II, N.	9	8 15.05	− 0.21	+15.15	298 45 51.70	46.158	− 7.95	−1 46.1	19 8 29.99	−70.84	−22 16 39.6	....
14	ε Andromedæ.	9	33 19.74	− 0.22	**+15.19**	349 49 55.50	44.025	− 8.20	− 10.6	0 33 34.69	.....	+28 48 10.6	....
15	η Cassiopeiæ.	9	43 10.07	− 0.50	+15.17	18 19 55.78	45.450	− 8.20	+ 19.8	0 43 24.74	− 0.01	+57 19 13.7	−10.8
16	ε Piscium.	9	57 48.33	− 0.17	**+15.17**	328 25 53.35	42.150	− 8.20	− 36.4	0 58 3.33	.....	+ 7 22 59.9	....
17	44 H. Cephei.	9	3 56.23	− 1.94	+15.17	40 11 56.65	42.680	− 8.20	+ 50.3	1 4 9.46	− 1.91	+79 10 41.2	−13.8
18	109 G. Sculptoris.	9	18 53.09	− 0.28	+15.17	289 37 53.80	45.038	− 8.20	−2 44.8	1 19 7.98	+ 0.66	−31 26 1.9	− 2.5
19	9 B. Ursæ Minoris s. P.	9	23 25.08	+ 1.67	+15.17	68 5 57.65	45.662	− 8.20	+2 27.5	13 23 41.92	.....	+72 52 30.9	....
20	ο Piscium.	9	40 10.52	− 0.17	**+15.12**	329 41 53.28	47.405	− 8.20	− 34.7	1 40 25.53	.....	+ 8 41 1.6	....
21	ζ Ceti.	9	46 34.01	− 0.19	**+15.10**	310 13 52.38	45.955	− 8.20	−1 10.2	1 46 49.00	.....	−10 48 7.9	....
22	α Arietis.	9	1 37.34	− 0.20	**+15.17**	344 3 55.70	41.485	− 8.20	− 17.0	2 1 52.32	.....	+23 1 6.3	....
23	ι Cassiopeiæ.	9	21 5.48	− 0.79	+15.18	28 0	......	. ....	. .....	2 21 19.87	.....	+66 58	....
24	σ Ceti.	9	27 22.89	− 0.20	+15.18	305 23 51.28	42.585	− 8.20	−1 23.8	2 27 37.87	.....	−15 39 39.6	....
25	δ Ceti.	9	34 24.86	− 0.17	**+15.14**	320 57 52.98	43.400	− 8.20	− 48.3	2 34 39.87	.....	− 0 4 43.8	....
26	π Ceti.	.	.. ..	....	.....	306 47 52.50	42.468	− 8.20	−1 19.6	2 40	.....	−14 15 36.9	....
27	β Ursæ Minoris s. P.	9	50 37.73	+ 1.82	+15.18	66 27 57.85	41.720	− 8.20	+2 16.7	14 50 54.73	.....	+74 32 11.8	....
28	α Ceti.	9	57 7.01	− 0.17	**+15.18**	324 45 53.15	42.810	− 8.20	− 42.1	2 57 22.02	.....	+ 3 43 9.0	....
	January 6, Ei.-Y.												
29	δ Tauri.	8	17 16.15	− 0.17	**+15.31**	338 19 54.25	47.488	− 7.99	− 23.7	4 17 31.29	.....	+17 19 15.6	....
30	B. D.+16°605.	8	22 49.34	− 0.17	+15.31	337 9 53.98	46.628	− 7.99	− 25.1	4 23 4.48	− 0.54	+16 8 54.3	+ 7.3
31	B. D.+13°690.	9	25 5.22	− 0.17	+15.31	334 33 53.92	42.092	− 7.99	− 28.4	4 25 20.36	− 0.53	+13 31 7.3	+ 7.9
32	B. D.+17°751.	8	29 1.28	− 0.17	+15.31	338 35 54.68	41.750	− 7.99	− 23.4	4 29 16.42	− 0.57	+17 33 5.2	+ 7.1
33	α Tauri.	9	30 17.01	− 0.17	**+15.30**	337 19 53.25	47.322	− 7.99	− 24.9	4 30 32.15	.....	+16 19 9.6	....
34	B. D.+17°762.	9	34 12.04	− 0.17	+15.31	338 19 54.62	44.590	− 7.99	− 23.7	4 34 27.18	− 0.58	+17 18 9.8	+ 7.2
35	B. D.+17°774.	9	37 18.38	− 0.17	+15.31	338 9 54.42	43.845	− 7.99	− 23.9	4 37 33.52	− 0.59	+17 7 52.3	+ 7.4
36	B. D.+20°821.	9	41 22.06	− 0.18	+15.31	341 17 54.20	44.892	− 7.99	− 20.2	4 41 37.19	− 0.62	+20 16 19.7	+ 6.8
37	B. D.+16°657.	9	44 43.09	− 0.17	+15.31	338 3 54.22	45.195	− 7.99	− 24.0	4 44 58.23	− 0.61	+17 2 22.9	+ 7.5
38	B. D.+19°811.	9	49 12.21	− 0.18	+15.31	340 21 53.98	43.910	− 7.99	− 21.3	4 49 27.34	− 0.63	+19 19 56.0	+ 7.1
39	B. D.+18°765.	9	52 36.69	− 0.18	+15.31	339 51 54.95	46.220	− 7.99	− 21.9	4 52 51.82	− 0.64	+18 50 49.1	+ 7.3
40	ι Tauri.	9	57 14.07	− 0.18	**+15.37**	342 27 53.80	47.355	− 7.99	− 18.8	4 57 29.20	.....	+21 27 17.0	....
41	B. D.+19°847.	9	59 45.08	− 0.18	+15.31	340 41 54.15	45.598	− 7.99	− 20.9	5 0 0.21	− 0.66	+19 40 35.1	+ 7.3
42	B. D.+19°853.	9	3 3.08	− 0.18	+15.31	340 45 53.75	44.632	− 7.99	− 20.8	5 3 18.21	− 0.66	+19 44 12.7	+ 7.3
43	B. D.+26°796.	9	6 17.89	− 0.20	+15.31	347 21 54.55	45.245	− 7.99	− 13.4	5 6 33.00	− 0.72	+26 20 34.9	+ 6.3
44	B. D.+28°772.	9	11 4.42	− 0.21	+15.31	349 49 54.58	43.630	− 7.99	− 10.7	5 11 19.52	− 0.75	+28 48 0.7	+ 6.0
45	B. D.+19°898.	9	14 31.12	− 0.18	+15.31	340 29 54.70	46.265	− 7.99	− 21.2	5 14 46.25	− 0.69	+19 28 50.6	+ 7.6
46	B. D.+31°954.	9	18 20.48	− 0.22	+15.31	352 9 54.95	43.900	− 7.99	− 8.2	5 18 35.57	− 0.79	+31 8 9.8	+ 5.9
47	B. D.+16°775.	9	20 25.30	− 0.17	+15.31	337 37 53.12	46.650	− 7.99	− 24.6	5 20 40.44	− 0.68	+16 36 54.4	+ 8.1
48	B. D.+17°931.	9	22 19.72	− 0.17	+15.31	338 11 54.15	43.082	− 7.99	− 23.9	5 22 34.86	− 0.69	+17 9 34.6	+ 8.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 6 37	29.575	35.4	35.8
7 18	29.56	34.4	34.9
7 37	29.565	33.7	32.2
12 46	29.60	33.3	33.3
13 9	....	....	32.9
13 46	29.615	34.1	34.0
17 33	29.715	42.1	41.0
6 19 8	29.69	42.1	41.0
0 20	29.825	37.6	37.0
0 48	......	....	36.7
1 12	......	....	36.6
1 34	29.865	36.7	36.6
2 5	......	....	35.3
2 31	......	....	35.0
2 47	......	....	35.0
3 5	29.91	35.3	35.0
4 13	29.93	34.9	34.8
4 36	......	....	34.5
5 1	29.93	34.2	34.4
5 24	......	....	33.9

Micrometer bisections are made at II, VI, except as noted below.

5, 29. Bisections at II, VII.
6, 13, 36. Bisections at VI, VII.
11. Bisections at I, II, VI, VII.
12, 19. Bisections at I, II.
18. Bisections at II, VI, VII.

Notes.

1–6. Images poor and unsteady.
7, 9. Poor image.
9. Degrees and minutes of circle reading assumed.
18. Very faint; unsteady.
18. Micrometer reading increased 1 rev.
19. Fuzzy; unsteady.
21, 25. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 7.4	.. ....	+ 0.1	+ 7.5
12	+ 7.9	+16 18.9	...	+16 26.8
13	+ 7.8	−16 18.8	...	−16 11.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	″	h m s	s	° ′ ″	″
1	B. D.+26°835	9	26 21.07	− 0.20	+15.31	347 55 54.95	45.472	− 7.99	− 12.8	5 26 36.18	− 0.76	+26 54 41.1	+ 6.7
2	B. D.+27°806	9	29 47.13	− 0.21	+15.31	348 37 54.92	43.678	− 7.99	− 12.0	5 30 2.23	− 0.77	+27 36 0.9	+ 6.7
3	B. D.+30°963	9	32 21.60	− 0.22	+15.31	351 27 55.12	43.892	− 7.99	− 8.9	5 32 36.69	− 0.80	+30 26 9.1	+ 6.4
4	B. D.+22°996	9	36 8.59	− 0.19	+15.31	343 37 54.45	45.800	− 7.99	− 17.6	5 36 23.71	− 0.74	+22 36 43.3	+ 7.5
5	B. D.+16°855	9	39 13.88	− 0.17	+15.31	337 3 53.62	45.965	− 7.99	− 25.3	5 39 29.02	− 0.71	+16 2 38.6	+ 8.4
6	B. D.+24°963	9	41 55.36	− 0.19	+15.31	345 39 54.82	46.648	− 7.99	− 15.3	5 42 10.48	− 0.76	+24 39 6.4	+ 7.4
7	B. D.+26°985	9	47 0.52	− 0.20	+15.32	347 25 55.08	47.105	− 7.99	− 13.3	5 47 15.64	− 0.78	+26 25 18.1	+ 7.3
8	B. D.+17°1051	9	49 15.89	− 0.17	+15.32	338 23 54.15	46.702	− 7.99	− 23.7	5 49 31.04	− 0.73	+17 22 57.6	+ 8.4
9	B. D.+21°1072	9	53 46.54	− 0.18	+15.32	342 37 53.05	43.350	− 7.99	− 18.7	5 54 1.68	− 0.75	+21 35 44.8	+ 8.0
10	B. D.+17°1109	9	58 7.29	− 0.17	+15.32	338 9 54.08	43.308	− 7.99	− 24.0	5 58 22.44	− 0.74	+17 7 40.6	+ 8.5
11	B. D.+23°1192	9	0 50.42	− 0.19	+15.32	344 39 54.68	45.860	− 7.99	− 16.4	6 1 5.55	− 0.77	+23 38 46.1	+ 7.9
12	ν Orionis	9	1 57.89	− 0.17	**+15.36**	335 47 54.05	46.168	− 7.99	− 26.9	6 2 13.04	....	+14 46 42.1	....
13	B. D.+23°1232	9	4 33.43	− 0.19	+15.32	344 1 55.18	46.018	− 7.99	− 17.1	6 4 48.56	− 0.77	+23 0 49.5	+ 8.0
14	B. D.+17°1154 (*pr.*)	9	5 56.46	− 0.17	+15.32	338 25 53.60	43.662	− 7.99	− 23.7	6 6 11.61	− 0.75	+17 23 47.5	+ 8.5
15	B. D.+19°1270	9	9 4.66	− 0.18	+15.32	340 13 53.75	42.065	− 7.99	− 21.5	6 9 19.80	− 0.75	+19 11 13.4	+ 8.4
16	B. D.+23°1275	9	11 0.25	− 0.19	+15.32	344 47 53.82	44.618	− 7.99	− 16.3	6 11 15.38	− 0.77	+23 46 17.0	+ 8.0
17	B. D.+18°1171	9	13 30.27	− 0.18	+15.32	339 55 54.42	44.790	− 7.99	− 21.9	6 13 45.41	− 0.76	+18 54 15.9	+ 8.5
18	B. D.+26°1201 (*south*)	9	16 19.81	− 0.20	+15.32	347 43 55.20	45.562	− 7.99	− 13.0	6 16 34.93	− 0.80	+26 42 43.2	+ 7.9
19	B. D.+18°1214	9	20 25.26	− 0.18	+15.32	339 49 53.30	46.188	− 7.99	− 22.0	6 20 40.40	− 0.76	+18 48 46.7	+ 8.5
20	ν Geminorum	9	23 8.59	− 0.18	**+15.29**	341 17 54.02	44.580	− 7.99	− 20.3	6 23 23.73	....	+20 16 12.3	....
21	B. D.+17°1286 (*fol.*)	9	26 35.04	− 0.17	+15.32	338 51 53.75	46.650	− 7.99	− 23.1	6 26 50.19	− 0.76	+17 50 56.6	+ 8.7
22	B. D.+19°1391	9	28 52.09	− 0.18	+15.32	340 31 55.22	44.038	− 7.99	− 21.2	6 29 7.23	− 0.76	+19 30 0.2	+ 8.6
23	B. D.+16°1210	9	30 21.19	− 0.17	+15.32	337 53 53.95	44.992	− 7.99	− 24.3	6 30 36.34	− 0.76	+16 52 17.7	+ 8.7
24	B. D.+23°1446	9	34 7.64	− 0.19	+15.32	344 47 54.02	42.340	− 7.99	− 16.3	6 34 22.77	− 0.78	+23 45 25.1	+ 8.4
25	ε Geminorum	9	37 54.68	− 0.20	**+15.30**	346 13 54.78	47.375	− 7.99	− 14.6	6 38 9.80	....	+25 13 22.6	....
26	β Canis Minoris	9	21 48.84	− 0.18	**+15.36**	329 29 53.02	46.400	− 8.00	− 35.4	7 22 3.98	....	+ 8 28 37.8	....
27	B. D.+28°1396	9	23 14.87	− 0.23	+15.32	349 19 54.50	45.268	− 8.00	− 11.3	7 23 29.96	− 0.75	+28 18 37.5	+ 9.0
28	B. D.+18°1653	7	26 44.99	− 0.19	+15.32	339 35 53.78	43.832	− 8.00	− 22.3	7 27 0.12	− 0.72	+18 33 53.0	+ 8.9
29	B. D.+20°1856	8	31 19.55	− 0.20	+15.32	341 23 53.25	44.140	− 8.00	− 20.2	7 31 34.67	− 0.72	+20 22 1.6	+ 8.9
30	B. D.+23°1780	9	35 6.46	− 0.21	+15.32	344 15 54.70	44.010	− 8.00	− 16.9	7 35 21.57	− 0.71	+23 14 3.4	+ 9.0
31	β Geminorum	9	39 19.57	− 0.23	**+15.36**	349 15 55.52	46.485	− 8.00	− 11.3	7 39 34.66	....	+28 15 6.3	....
32	B. D.+24°1777	8	43 24.98	− 0.21	+15.32	345 43 55.68	47.210	− 8.00	− 15.2	7 43 40.09	− 0.70	+24 43 19.2	+ 9.2
33	B. D.+16°1580	9	48 22.25	− 0.19	+15.32	337 17 53.00	46.230	− 8.00	− 25.1	7 48 37.38	− 0.69	+16 16 44.2	+ 8.7
34	1 Cancri	9	51 24.85	− 0.19	+15.33	337 3 54.65	45.270	− 8.00	− 25.4	7 51 39.99	− 0.69	+16 2 23.6	+ 8.7
35	3 Cancri	9	55 9.76	− 0.19	+15.33	338 35 53.78	43.885	− 8.00	− 23.5	7 55 24.90	− 0.68	+17 33 53.0	+ 8.8
36	B. D.+19°1911	9	59 4.90	− 0.20	+15.33	340 7 54.45	45.075	− 8.00	− 21.7	7 59 20.03	− 0.67	+19 6 22.7	+ 8.9
37	μ Cancri	9	1 59.61	− 0.20	+15.33	342 51 54.75	47.060	− 8.00	− 18.5	8 2 14.74	− 0.66	+21 51 11.5	+ 9.1
38	B. D.+26°1728	9	4 17.85	− 0.22	+15.33	347 7 55.30	46.742	− 8.00	− 13.7	8 4 32.96	− 0.66	+26 7 9.6	+ 9.4
39	B. D.+21°1792	9	8 43.51	− 0.20	+15.33	342 1 54.45	42.480	− 8.00	− 19.5	8 8 58.64	− 0.64	+20 59 25.5	+ 9.0
40	B. D.+21°1817	8	14 37.54	− 0.20	+15.33	342 3 53.62	45.475	− 8.00	− 19.4	8 14 52.67	− 0.63	+21 2 33.3	+ 9.0
41	B. D.+15°1805	9	16 26.52	− 0.18	+15.33	336 5 53.45	44.198	− 8.00	− 26.6	8 16 41.67	− 0.64	+15 3 56.7	+ 8.4
42	B. D.+27°1612 (*pr.*)	5	20 51.51	− 0.22	+15.33	348 15 55.48	44.640	− 8.00	− 12.5	8 21 6.62	− 0.62	+27 14 22.9	+ 9.6
43	B. D.+27°1612 (*fol.*)	5	20 51.75	− 0.22	+15.33	348 15 55.48	44.825	− 8.00	− 12.5	8 21 6.86	− 0.62	+27 14 27.1	+ 9.6
44	29 Cancri	9	23 8.21	− 0.18	+15.33	335 33 52.85	42.422	− 8.00	− 27.3	8 23 23.36	− 0.62	+14 31 14.8	+ 8.2
45	B. D.+15°1845	9	28 16.81	− 0.18	+15.33	336 1 54.15	43.210	− 8.00	− 26.7	8 28 31.96	− 0.61	+14 59 34.8	+ 8.2
46	B. D.+20°2136	9	32 43.30	− 0.20	+15.33	341 33 54.98	44.145	− 8.00	− 20.0	8 32 58.43	− 0.58	+20 32 3.6	+ 8.9
47	B. D.+19°2069	9	34 42.54	− 0.20	+15.33	340 41 55.25	46.085	− 8.00	− 21.0	8 34 57.67	− 0.58	+19 40 47.2	+ 8.8
48	B. D.+20°2178	9	35 35.44	− 0.20	+15.33	341 49 54.68	45.382	− 8.00	− 19.7	8 35 50.57	− 0.57	+20 48 31.9	+ 8.9
49	B. D.+20°2207	9	40 11.39	− 0.20	+15.33	341 23 54.05	43.590	− 8.00	− 20.2	8 40 26.52	− 0.56	+20 21 49.8	+ 8.8
50	B. D.+18°2057	9	45 6.36	− 0.19	+15.33	339 21 53.52	47.025	− 8.00	− 22.6	8 45 21.50	− 0.55	+18 21 5.4	+ 8.5
51	B. D.+14°1989	9	48 19.49	− 0.18	+15.33	335 11 54.00	47.180	− 8.00	− 27.7	8 48 34.64	− 0.55	+14 11 4.3	+ 7.8
52	B. D.+18°2090	8	52 44.73	− 0.19	+15.33	339 41 53.25	44.725	− 8.00	− 22.2	8 52 59.87	− 0.52	+18 40 13.0	+ 8.4
53	ν Cancri	9	57 0.07	− 0.21	+15.33	345 49 55.45	47.115	− 8.00	− 15.1	8 57 15.19	− 0.50	+24 49 16.9	+ 9.3
54	B. D.+17°2007	9	0 44.86	− 0.19	+15.33	338 31 53.28	42.260	− 8.00	− 23.7	9 1 0.00	− 0.50	+17 29 15.2	+ 8.2
55	B. D.+17°2018	9	3 4.53	− 0.19	+15.33	338 5 53.80	46.308	− 8.00	− 24.2	9 3 19.67	− 0.49	+17 4 47.7	+ 8.1
56	B. D.+20°2282	9	6 10.41	− 0.20	+15.33	341 45 53.25	44.575	− 8.00	− 19.8	9 6 25.54	− 0.47	+20 44 11.9	+ 8.6
57	B. D.+15°2009	9	9 47.91	− 0.18	+15.33	336 21 54.72	43.780	− 8.00	− 26.3	9 10 3.06	− 0.48	+15 19 48.8	+ 7.7
58	B. D.+ 8°2199	9	12 35.58	− 0.18	+15.33	329 21 52.00	45.675	− 8.00	− 35.6	9 12 50.73	− 0.51	+ 8 20 20.1	+ 6.4
59	B. D.+22°2082	9	16 23.46	− 0.20	+15.33	342 55 54.98	43.415	− 8.00	− 18.5	9 16 38.59	− 0.43	+21 53 48.4	+ 8.8
60	B. D.+14°2095	9	21 32.88	− 0.18	+15.33	335 43 53.48	45.960	− 8.00	− 27.1	9 21 48.03	− 0.44	+14 42 36.5	+ 7.4
61	B. D.+22°2100	9	24 48.94	− 0.20	+15.33	343 15 55.25	42.375	− 8.00	− 18.1	9 25 4.07	− 0.39	+22 13 25.4	+ 8.7
62	B. D.+ 7°2147	9	27 19.13	− 0.18	+15.33	328 29 51.88	46.585	− 8.00	− 36.9	9 27 34.28	− 0.46	+ 7 28 39.4	+ 5.8
63	B. D.+17°2109	9	31 36.76	− 0.19	+15.33	337 53 54.15	42.852	− 8.00	− 24.4	9 31 51.90	− 0.39	+16 51 28.9	+ 7.6
64	ο Leonis	9	35 53.37	− 0.18	**+15.36**	331 21 53.10	42.380	− 8.00	− 32.9	9 36 8.52	....	+10 19 8.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
6 5 50	29.935	33.6	33.7	1, 18, 37, 39, 44, 46, 64.	Bisections at II, VII.					
6 18	......	....	33.2	11, 13, 42, 47.	Bisections at I, II.					
6 39	29.935	32.8	33.1	43.	Bisections at VI, VII.					
7 20	29.93	32.4	32.2							
7 45	......	....	32.2							
8 5	29.93	31.7	32.0							
8 30	......	....	32.0							
8 54	29.94	31.3	32.0							

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ε Leonis	9	40 16.28	− 0.21	**+15.35**	345 13 54.12	44.730	− 8.00	− 15.9	9 40 31.40	.....	+24 12 20.2	....
	January 9, Br.												
2	Sun I, S.	9	19 0.35	− 0.03	+15.50	298 37 41.72	42.948	− 7.34	−1 51.4	19 19 15.82	+70.58	−22 26 7.5	....
3	Sun II, N.	9	21 21.51	− 0.03	+15.50	299 10 13.18	43.050	− 7.34	−1 48.9	19 21 36.98	−70.58	−21 53 31.4	....
4	α Ursæ Minoris	7	25 43.19	−27.11	+15.54	49 47 55.40	46.745	− 7.65	+1 12.3	1 25 31.62	.....	+88 48 35.8	....
5	α Arietis	9	1 36.91	− 0.13	**+15.49**	344 1 53.45	46.790	− 7.65	− 17.4	2 1 52.32	.....	+23 1 5.5	....
6	μ Fornacis	9	8 30.53	− 0.10	+15.54	289 53 50.60	44.785	− 7.65	−2 47.1	2 8 45.97	.....	−31 10 12.7	....
7	ξ^2 Ceti	9	22 54.06	− 0.07	**+15.54**	329 3 51.42	45.492	− 7.65	− 36.6	2 23 9.53	.....	+ 8 2 14.6	....
8	36 H. Cassiopeiæ	9	28 52.43	− 1.44	+15.54	33 23 54.68	48.340	− 7.65	+ 40.4	2 29 6.53	.....	+72 24 39.9	....
9	ν Arietis	9	33 13.28	− 0.12	**+15.55**	342 33 52.62	47.450	− 7.65	− 19.1	2 33 28.70	.....	+21 33 18.0	....
10	π Ceti	8	39 23.40	− 0.05	+15.54	306 47 49.48	42.610	− 7.65	−1 21.5	2 39 38.89	.....	−14 15 38.0	....
11	τ^2 Eridani	9	46 31.05	− 0.06	+15.54	299 39 51.32	43.358	− 7.65	−1 46.9	2 46 46.53	.....	−21 23 44.4	....
12	η Eridani	9	51 34.64	− 0.04	**+15.54**	311 45 51.58	44.865	− 7.65	−1 8.3	2 51 50.14	.....	− 9 16 31.2	....
13	ρ Persei	9	58 54.11	− 0.25	+15.54	359 29 53.82	44.840	− 7.65	− 0.5	2 59 9.40	.....	+38 28 38.1	....
14	57 B. Ursæ Minoris s. p.	9	6 28.56	+14.02	+15.54	53 23 56.18	45.961	− 7.65	+1 22.6	15 6 58.12	.....	+87 35 30.1	....
15	τ^1 Arietis	9	15 32.74	− 0.11	**+15.57**	341 49 53.02	45.295	− 7.65	− 20.0	3 15 48.18	.....	+20 48 28.3	....
16	2 H. Camelopardalis	9	21 13.31	− 0.66	+15.55	20 37 54.32	44.500	− 7.65	+ 23.2	3 21 28.20	.....	+59 36 54.6	....
17	f Tauri	9	25 25.74	− 0.08	**+15.55**	333 37 51.85	46.632	− 7.65	− 30.3	3 25 41.21	.....	+12 36 47.4	....
18	τ^5 Eridani	9	29 23.01	− 0.07	+15.55	299 5 51.25	45.070	− 7.65	−1 49.6	3 29 38.49	.....	−21 57 8.1	....
19	11 Tauri	9	34 54.30	− 0.14	+15.55	346 3 53.85	42.558	− 7.65	− 15.2	3 35 9.71	.....	+25 1 31.4	....
20	5 H. Camelopardalis	9	40 13.58	− 1.31	+15.55	32 3 54.92	43.335	− 7.65	+ 38.5	3 40 27.82	.....	+71 2 43.9	....
21	9 H. Camelopardalis	9	48 53.57	− 0.71	+15.55	21 49 55.65	47.645	− 7.65	+ 24.7	3 49 8.41	.....	+60 50 9.3	....
22	γ Eridani	9	53 23.54	− 0.05	**+15.51**	307 15 49.92	44.835	− 7.65	−1 20.5	3 53 39.04	.....	−13 46 45.7	....
23	A Tauri	9	58 53.22	− 0.12	**+15.57**	342 51 53.65	42.578	− 7.65	− 18.9	3 59 8.65	.....	+21 49 27.9	....
	January 9, Ei.-Y.												
24	β Eridani	9	2 58.73	− 0.03	**+15.67**	315 49 52.75	44.125	− 7.78	− 59.7	5 3 14.37	.....	− 5 12 38.5	....
25	β Orionis	9	9 46.29	− 0.03	**+15.65**	312 43 52.90	44.110	− 7.78	−1 6.6	5 10 1.93	.....	− 8 18 45.5	....
26	B. D.+23°888	9	11 33.47	− 0.12	+15.67	344 55 52.12	45.178	− 7.78	− 16.5	5 11 49.02	− 0.71	+23 54 27.1	+ 6.8
27	B. D.+27°758	9	14 50.32	− 0.14	+15.67	348 53 53.38	42.882	− 7.78	− 12.1	5 15 5.85	− 0.75	+27 51 41.3	+ 6.2
28	B. D.+31°955	9	18 20.32	− 0.17	+15.68	352 3 54.90	46.930	− 7.78	− 8.5	5 18 35.83	− 0.79	+31 3 18.8	+ 5.7
29	B. D.+27°771	8	20 52.70	− 0.14	+15.68	348 33 55.08	42.770	− 7.78	− 12.4	5 21 8.24	− 0.76	+27 31 40.1	+ 6.4
30	B. D.+16°782	9	22 29.20	− 0.08	+15.68	337 23 52.82	43.280	− 7.78	− 25.6	5 22 44.80	− 0.69	+16 21 36.3	+ 8.3
31	B. D.+18°875	9	26 27.22	− 0.09	+15.68	339 33 53.00	42.585	− 7.78	− 22.9	5 26 42.81	− 0.71	+18 31 23.3	+ 8.0
32	B. D.+24°873	9	29 57.38	− 0.12	+15.68	345 41 54.62	46.902	− 7.78	− 15.6	5 30 12.94	− 0.75	+24 41 10.8	+ 7.1
33	B. D.+29°947	9	33 4.93	− 0.15	+15.68	350 11 53.62	42.588	− 7.78	− 10.6	5 33 20.46	− 0.79	+29 9 36.3	+ 6.5
34	B. D.+18°920	9	36 42.03	− 0.09	+15.68	339 57 53.15	45.242	− 7.78	− 22.4	5 36 57.62	− 0.73	+18 56 24.7	+ 8.1
35	B. D.+20°1093	9	40 56.26	− 0.10	+15.68	341 9 53.45	44.460	− 7.78	− 21.0	5 41 11.84	− 0.74	+20 8 8.5	+ 8.0
36	B. D.+24°970	9	43 0.04	− 0.12	+15.68	345 33 54.82	44.082	− 7.78	− 15.8	5 43 15.60	− 0.77	+24 32 6.4	+ 7.4
37	B. D.+27°899	9	47 10.38	− 0.14	+15.68	348 35 54.75	47.210	− 7.78	− 12.4	5 47 25.92	− 0.80	+27 35 21.3	+ 7.1
38	B. D.+28°952	9	50 20.72	− 0.15	+15.68	349 57 53.98	42.500	− 7.78	− 10.9	5 50 36.25	− 0.81	+28 55 34.3	+ 7.0
39	B. D.+22°1135	9	54 31.54	− 0.11	+15.68	343 55 53.05	42.885	− 7.78	− 17.7	5 54 47.11	− 0.77	+22 53 35.4	+ 7.8
40	1 Geminorum	9	58 9.60	− 0.11	**+15.69**	344 17 54.20	43.982	− 7.78	− 17.3	5 58 25.17	.....	+23 16 2.0	....
41	B. D.+26°1082	9	1 13.32	− 0.14	+15.68	347 43 53.85	42.280	− 7.78	− 13.4	6 1 28.86	− 0.80	+26 41 26.7	+ 7.5
42	B. D.+26°1117	9	4 48.18	− 0.13	+15.68	347 3 53.68	43.540	− 7.78	− 14.1	6 5 3.73	− 0.80	+26 1 54.6	+ 7.7
43	B. D.+19°1253	9	6 12.47	− 0.10	+15.68	340 49 54.10	45.720	− 7.78	− 21.4	6 6 28.05	− 0.77	+19 48 37.6	+ 8.4
44	B. D.+29°1154	9	9 8.64	− 0.16	+15.68	350 33 54.98	43.298	− 7.78	− 10.2	6 9 24.16	− 0.83	+29 31 54.3	+ 7.4
45	B. D.+20°1348	9	11 37.62	− 0.10	+15.68	341 51 53.08	45.032	− 7.78	− 20.2	6 11 53.20	− 0.78	+20 50 22.0	+ 8.3
46	B. D.+25°1225	9	14 33.80	− 0.13	+15.68	346 15 55.98	42.895	− 7.78	− 15.1	6 14 49.35	− 0.80	+25 13 41.1	+ 8.0
47	μ Geminorum	9	17 1.66	− 0.11	**+15.72**	343 35 54.55	43.005	− 7.78	− 18.1	6 17 17.23	.....	+22 33 39.3	....
48	8 Monocerotis	9	18 32.42	− 0.04	**+15.65**	325 39 51.50	45.968	− 7.78	− 42.1	6 18 48.06	.....	+ 4 38 20.0	....
49	B. D.+21°1241	9	21 26.38	− 0.10	+15.68	342 21 53.28	46.425	− 7.78	− 19.6	6 21 41.96	− 0.79	+21 20 54.6	+ 8.4
50	B. D.+28°1138	9	24 11.46	− 0.15	+15.68	349 17 53.00	44.710	− 7.78	− 11.6	6 24 26.99	− 0.83	+28 16 23.2	+ 7.9
51	B. D.+25°1317	9	27 7.51	− 0.13	+15.68	346 21 53.18	46.140	− 7.78	− 14.9	6 27 23.06	− 0.81	+25 20 52.7	+ 8.2
52	B. D.+24°1328	9	31 26.78	− 0.12	+15.68	345 41 54.12	44.000	− 7.78	− 15.7	6 31 42.34	− 0.80	+24 40 3.9	+ 8.3
53	B. D.+19°1430	9	34 14.14	− 0.08	+15.68	340 45 52.70	45.598	− 7.78	− 21.5	6 34 29.74	− 0.78	+19 44 33.3	+ 8.7
54	Neptune C, C.	9	37 30.63	− 0.11	+15.68	343 13 54.10	43.714	− 7.78	− 18.6	6 37 46.20	.....	+22 11 54.5	....
55	B. D.+22°1456	9	39 0.71	− 0.11	+15.68	343 57 53.28	43.615	− 7.78	− 17.7	6 39 16.28	− 0.80	+22 55 52.3	+ 8.5
56	B. D.+19°1492	8	43 50.91	− 0.09	+15.68	340 17 52.22	45.110	− 7.78	− 22.1	6 44 6.50	− 0.78	+19 16 21.0	+ 8.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 9 42	29.95	30.9	31.3
9 19 19	29.92	26.8	25.0
1 32	29.995	26.9	26.6
1 58	30.015	26.8	26.2
2 32	......	....	26.1
2 50	......	....	26.0
3 13	......	....	25.7
3 32	......	....	25.2
4 1	30.065	25.0	24.5
5 1	30.06	23.4	23.0
5 28	......	....	22.8
5 51	30.065	22.8	22.8
6 23	......	....	22.0

Micrometer bisections are made at II, VI, except as noted below.

2, 6, 11, 13, 17, 39, 42.	Bisections at I, II.
3.	Bisection at VII.
4.	Bisections at b_3, b_5, b_7.
8, 16, 21.	Bisections at III, V.
9, 12, 31.	Bisections at VI, VII.
14.	Bisections at b_1, b_3, b_5, b_7, b_9.
20.	Bisections at b_2, b_8.
28, 30, 32, 38, 46, 52.	Bisections at II, VII.
54.	Bisections at I, II, VI, VII.

Notes.

2. Micrometer reading decreased 1 rev.
4. Diffuse and uncertain.
6. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
2	+ 7.8	+16 18.1	...	+16 25.9
3	+ 7.8	−16 18.0	...	−16 10.2
54	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. +23°1518	9	46 2.82	− 0.12	+15.68	344 43 53.32	45.760	− 7.78	− 16.8	6 46 18.38	− 0.80	+23 42 42.3	+ 8.6
2	θ Canis Majoris	9	49 34.66	− 0.03	**+15.69**	309 7 51.48	42.975	− 7.78	−1 15.9	6 49 50.31	.....	−11 55 22.2	....
3	B. D. +26°1405	9	52 45.09	− 0.13	+15.68	347 13 52.90	44.325	− 7.78	− 14.0	6 53 0.64	− 0.84	+26 12 11.9	+ 8.6
4	Moon I, S	9	54 55.93	− 0.09	+15.68	340 3 52.28	44.888	− 7.78	− 22.4	6 55 11.52	+67.48	+19 2 15.5	....
5	Moon N	.	.. ..	....	.....	340 33 53.15	47.448	− 7.78	− 21.8	. .. .	.....	+19 33 15.9	....
6	B. D. +22°1566	9	59 24.18	− 0.11	+15.68	343 47 54.78	45.485	− 7.78	− 17.9	6 59 39.75	− 0.79	+22 46 36.3	+ 8.8
7	B. D. +25°1594	9	3 34.49	− 0.13	+15.68	346 53 54.70	46.110	− 7.78	− 14.3	7 3 50.04	− 0.80	+25 52 54.2	+ 8.8
8	B. D. +25°1609	9	6 47.82	− 0.13	+15.68	346 55 53.95	44.452	− 7.78	− 14.3	7 7 3.37	− 0.80	+25 54 15.5	+ 8.8
9	B. D. +18°1538	9	9 6.78	− 0.09	+15.68	339 45 52.75	42.398	− 7.78	− 22.8	7 9 22.37	− 0.78	+18 43 18.9	+ 9.0
10	λ Geminorum	9	12 26.72	− 0.08	**+15.68**	337 43 52.55	45.665	− 7.78	− 25.3	7 12 42.32	.....	+16 42 30.9	....
11	B. D. +19°1685	8	14 16.52	− 0.10	+15.68	340 43 53.65	42.988	− 7.78	− 21.6	7 14 32.10	− 0.77	+19 41 34.5	+ 9.0
12	B. D. +27°1374	9	18 27.87	− 0.14	+15.68	348 51 53.55	41.280	− 7.78	− 12.2	7 18 43.41	− 0.80	+27 49 4.7	+ 9.0
13	B. D. +24°1659	9	21 2.51	− 0.12	+15.69	345 7 53.60	46.035	− 7.78	− 16.4	7 21 18.08	− 0.78	+24 6 49.2	+ 9.0
14	B. D. +26°1564	9	21 59.39	− 0.13	+15.69	347 25 52.95	46.260	− 7.78	− 13.8	7 22 14.95	− 0.79	+26 24 56.3	+ 9.0
15	κ Geminorum	9	38 31.66	− 0.12	**+15.72**	345 39 52.15	42.112	− 7.78	− 15.8	7 38 47.23	.....	+24 37 18.7	....
	January 9, Bs.												
16	Mercury C, C	9	47 37.16	0.00	+15.86	298 35 51.22	44.756	− 7.50	−1 52.2	17 47 53.02	− 0.05	−22 27 17.7	....
	January 10, Bs.												
17	Sun I, N	9	23 21.21	0.00	+15.87	299 17 53.82	45.402	− 7.69	−1 47.9	19 23 37.08	+70.58	−21 44 56.1	....
18	Sun II, S	9	25 42.38	0.00	+15.87	298 45 50.40	44.182	− 7.69	−1 50.3	19 25 58.25	−70.59	−22 17 30.1	....
19	σ Ceti	9	27 21.98	− 0.02	+15.90	305 23 51.28	42.588	− 7.86	−1 25.4	2 27 37.86	.....	−15 39 40.8	....
20	128 H¹. Ceti	9	30 39.64	− 0.05	+15.90	327 27 52.42	45.392	− 7.86	− 38.8	2 30 55.49	.....	+ 6 26 10.9	....
21	δ Ceti	9	34 23.96	− 0.03	**+15.85**	320 57 52.52	43.390	− 7.86	− 49.3	2 34 39.83	.....	− 0 4 45.2	....
22	π Ceti	9	39 22.98	− 0.02	+15.90	306 47 51.38	42.528	− 7.86	−1 21.2	2 39 38.86	.....	−14 15 37.9	....
23	α Ceti	9	57 6.16	− 0.04	**+15.86**	324 45 51.78	42.900	− 7.86	− 42.9	2 57 22.02	.....	+ 3 43 9.3	....
24	12 Eridani	9	7 48.99	− 0.05	+15.90	291 41 54.92	45.120	− 7.86	−2 31.6	3 8 4.84	.....	−29 21 45.5	....
25	α Persei	9	17 21.67	− 0.43	+15.90	10 31 54.25	47.160	− 7.86	+ 11.4	3 17 37.14	.....	+49 31 43.2	....
26	ξ Tauri	9	21 48.81	− 0.06	**+15.92**	330 25 52.48	45.300	− 7.86	− 34.5	3 22 4.65	.....	+ 9 24 13.2	....
27	ε Eridani	9	28 14.46	− 0.02	**+15.87**	311 15 51.38	44.228	− 7.86	−1 9.3	3 28 30.34	.....	− 9 46 47.2	....
28	10 Tauri	9	31 48.87	− 0.03	+15.90	321 7 51.20	45.548	− 7.86	− 49.1	3 32 4.74	.....	+ 0 6 3.0	....
29	δ Persei	9	35 58.92	− 0.38	+15.90	8 29 55.05	46.135	− 7.86	+ 9.2	3 36 14.44	.....	+47 29 18.4	....
30	τ⁶ Eridani	9	42 32.64	− 0.04	+15.90	297 31 50.55	43.432	− 7.86	− 56.3	3 42 48.50	.....	−23 31 53.1	....
	January 10, Ei.-Y.												
31	μ Eridani	9	40 32.87	− 0.03	**+15.83**	317 35 53.92	46.195	− 7.76	− 55.6	4 40 48.61	.....	− 3 25 45.9	....
32	π³ Orionis	9	44 29.04	− 0.05	**+15.78**	327 49 51.90	44.135	− 7.76	− 38.4	4 44 44.76	.....	+ 6 47 42.2	....
33	B. D. +25°746	9	47 35.79	− 0.13	+15.78	346 13 56.78	45.245	− 7.76	− 14.9	4 47 51.44	− 0.66	+25 12 35.9	+ 5.9
34	B. D. +16°672	8	51 41.46	− 0.08	+15.78	338 1 56.12	44.880	− 7.76	− 24.6	4 51 57.16	− 0.62	+17 0 17.2	+ 7.7
35	B. D. +29°784	9	54 58.21	− 0.16	+15.78	350 13 57.15	42.578	− 7.76	− 10.5	4 55 13.83	− 0.72	+29 11 39.7	+ 5.2
36	ι Tauri	9	57 13.54	− 0.11	**+15.82**	342 29 56.88	41.975	− 7.76	− 19.2	4 57 29.21	.....	+21 27 17.0	....
37	11 Orionis	9	58 56.75	− 0.08	**+15.79**	336 17 56.42	45.002	− 7.76	− 26.8	4 59 12.45	.....	+15 16 18.1	....
38	B. D. +20°885	9	1 59.59	− 0.10	+15.78	341 19 55.78	42.915	− 7.76	− 20.6	5 2 15.27	− 0.66	+20 17 36.0	+ 7.2
39	B. D. +24°772	9	4 43.66	− 0.13	+15.78	346 3 57.68	42.670	− 7.76	− 15.1	5 4 59.31	− 0.70	+25 1 37.8	+ 6.4
40	B. D. +22°864	9	9 33.66	− 0.11	+15.78	343 11 56.38	45.332	− 7.76	− 18.4	5 9 49.33	− 0.69	+22 10 34.0	+ 7.0
41	B. D. +19°893	9	13 25.99	− 0.10	+15.78	341 3 56.40	44.172	− 7.76	− 20.9	5 13 41.67	− 0.69	+20 2 5.0	+ 7.5
42	B. D. +18°831	9	15 53.84	− 0.09	+15.78	339 49 56.25	45.918	− 7.76	− 22.4	5 16 9.53	−,0.69	+18 48 43.3	+ 7.8
43	B. D. +20°948	9	19 20.07	− 0.10	+15.78	341 31 55.72	43.402	− 7.76	− 20.4	5 19 35.75	− 0.70	+20 29 47.2	+ 7.5
44	B. D. +15°824	9	21 50.59	− 0.08	+15.78	336 59 55.92	42.882	− 7.76	− 25.9	5 22 6.29	− 0.69	+15 57 30.1	+ 8.3
45	B. D. +21°865	9	24 15.33	− 0.11	+15.78	342 19 56.40	44.662	− 7.76	− 19.4	5 24 31.00	− 0.72	+21 18 17.7	+ 7.5
46	B. D. +20°989	9	27 48.61	− 0.10	+15.78	341 25 55.60	44.960	− 7.76	− 20.5	5 28 4.29	− 0.72	+20 24 22.6	+ 7.7
47	B. D. +16°822	9	31 21.44	− 0.08	+15.78	337 59 56.60	46.325	− 7.76	− 24.6	5 31 37.14	− 0.71	+16 58 50.7	+ 8.3
48	B. D. +16°841	9	35 36.79	− 0.08	+15.78	337 29 55.45	46.852	− 7.76	− 25.3	5 35 52.49	− 0.72	+16 29 0.9	+ 8.4
49	B. D. +21°946	9	37 29.11	− 0.11	+15.78	342 23 56.68	44.488	− 7.76	− 19.4	5 37 44.78	− 0.74	+21 22 14.0	+ 7.7
50	B. D. +25°978	9	41 30.96	− 0.13	+15.78	346 33 56.45	43.555	− 7.76	− 14.6	5 41 46.61	− 0.78	+25 31 57.3	+ 7:2
51	B. D. +27°888	9	44 47.82	− 0.15	+15.78	348 57 57.08	44.355	− 7.76	− 11.9	5 45 3.45	− 0.80	+27 56 18.8	+ 6.9
52	B. D. +20°1156	9	47 28.87	− 0.10	+15.78	341 17 56.12	45.375	− 7.76	− 20.6	5 47 44.55	− 0.75	+20 16 32.5	+ 8.0
53	α Orionis	9	49 50.01	− 0.05	**+15.77**	328 25 54.10	42.832	− 7.76	− 37.5	5 50 5.74	.....	+ 7 23 15.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 6 47	30.090	22.0	21.7
7 15	....	....	20.9
7 40	30.085	21.0	20.3
17 48	30.23	28.2	28.6
10 19 26	30.20	32.7	30.8
2 39	30.215	32.0	30.8
2 57	....	....	31.0
3 8	....	....	31.0
3 28	30.22	31.8	30.1
3 43	30.23	31.6	30.2
4 39	30.23	30.9	29.6
5 6	....	....	29.1
5 29	30.225	30.3	29.1

Micrometer bisections are made at II, VI, except as noted below.

1, 6, 8, 41, 46, 47.	Bisections at II, VII.
4.	Bisections at I, II, III.
5.	Bisections at V, VI, VII.
13, 17.	Bisections at I, II.
15, 18, 31.	Bisections at VI, VII.
16.	Bisections at I, II, VI, VII.

Note.

17, 18. Degrees and minutes of circle reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+18 51.5	+15 16.4	...	+34 7.9
5	+18 23.0	−15 16.4	+0.9	+ 3 7.5
16	+ 7.0	.. ....	0.0	+ 7.0
17	+ 7.8	−16 17.0	...	−16 9.2
18	+ 7.8	+16 17.0	...	+16 24.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+16°940	9	52 58.82	– 0.08	+15.78	337 37 55.08	42.065	– 7.76	– 25.1	5 53 14.52	– 0.74	+16 35 11.3	+ 8.6
2	B. D.+19°1186	9	57 38.58	– 0.10	+15.78	340 43 56.50	42.528	– 7.76	– 21.3	5 57 54.26	– 0.76	+19 41 27.1	+ 8.3
3	B. D.+18°1078	9	59 13.62	– 0.09	+15.78	339 19 56.50	46.292	– 7.76	– 23.0	5 59 29.31	– 0.76	+18 18 51.5	+ 8.4
4	B. D.+22°1198	9	3 37.46	– 0.11	+15.78	343 13 56.42	44.472	– 7.76	– 18.4	6 3 53.13	– 0.78	+22 12 14.4	+ 8.0
5	B. D.+24°1151	9	5 31.50	– 0.13	+15.78	345 27 56.80	44.702	– 7.76	– 15.8	6 5 47.15	– 0.80	+24 26 22.6	+ 7.8
6	B. D.+18°1129	9	7 46.93	– 0.09	+15.78	339 43 56.00	44.600	– 7.76	– 22.5	6 8 2.62	– 0.77	+18 42 12.8	+ 8.5
7	B. D.+16°1060	9	9 45.02	– 0.08	+15.78	337 11 55.82	44.780	– 7.76	– 25.7	6 10 0.72	– 0.77	+16 10 13.5	+ 8.8
8	B. D.+23°1300	9	13 21.12	– 0.12	+15.78	344 31 56.32	44.598	– 7.76	– 16.9	6 13 36.78	– 0.80	+23 30 18.6	+ 8.1
9	B. D.+17°1214	9	15 41.84	– 0.09	+15.78	338 49 55.40	44.960	– 7.76	– 23.6	6 15 57.53	– 0.78	+17 48 19.3	+ 8.7
10	B. D.+28°1109	9	18 49.12	– 0.15	+15.78	349 5 57.90	45.702	– 7.76	– 11.7	6 19 4.75	– 0.83	+28 4 50.6	+ 7.7
11	B. D.+20°1428	9	22 6.34	– 0.10	+15.78	341 33 56.48	46.742	– 7.76	– 20.3	6 22 22.02	– 0.79	+20 33 4.4	+ 8.5
12	B. D.+16°1178	9	25 58.13	– 0.08	+15.78	336 59 56.22	44.315	– 7.76	– 25.9	6 26 13.83	– 0.78	+15 58 3.1	+ 8.9
13	B. D.+20°1496	9	29 45.37	– 0.10	+15.78	341 59 57.12	43.272	– 7.76	– 19.8	6 30 1.05	– 0.80	+20 57 46.3	+ 8.5
14	B. D.+26°1300	9	32 34.24	– 0.14	+15.78	347 35 56.72	45.655	– 7.76	– 13.4	6 32 49.88	– 0.82	+26 34 46.7	+ 8.1
15	B. D.+17°1357	9	36 41.06	– 0.09	+15.78	338 45 55.98	44.450	– 7.76	– 23.7	6 36 56.75	– 0.79	+17 44 8.1	+ 8.8
16	ε Geminorum	9	37 54.16	– 0.13	**+15.78**	346 15 57.88	41.978	– 7.76	– 14.9	6 38 9.81	.....	+25 13 22.3	....
17	B. D.+21°1372	9	40 23.62	– 0.11	+15.78	342 39 56.92	43.182	– 7.76	– 19.1	6 40 39.29	– 0.80	+21 37 44.7	+ 8.6
18	B. D.+25°1460	9	44 57.21	– 0.14	+15.78	346 53 57.52	44.610	– 7.76	– 14.2	6 45 12.85	– 0.82	+25 52 22.8	+ 8.4
19	B. D.+25°1496	9	49 17.00	– 0.13	+15.79	346 31 57.88	42.348	– 7.76	– 14.6	6 49 32.66	– 0.82	+25 29 31.1	+ 8.5
20	B. D.+20°1661	9	53 33.70	– 0.10	+15.79	341 35 55.90	44.630	– 7.76	– 20.3	6 53 49.39	– 0.80	+20 34 15.6	+ 8.8
21	*h* Geminorum	9	57 17.27	– 0.17	+15.79	350 31 57.30	42.395	– 7.76	– 10.2	6 57 32.89	– 0.84	+29 29 36.0	+ 8.5
22	B. D.+24°1531	9	1 18.79	– 0.13	+15.79	345 19 56.65	45.675	– 7.76	– 16.0	7 1 34.45	– 0.81	+24 18 44.5	+ 8.8
23	B. D.+24°1576	9	8 27.60	– 0.13	+15.79	345 53 57.62	44.250	– 7.76	– 15.3	7 8 43.26	– 0.80	+24 52 13.6	+ 8.8
24	Moon II, S.	9	53 40.78	– 0.09	+15.79	339 7 55.42	48.694	– 7.76	– 23.3	7 53 56.48	–67.80	+18 7 45.0	....
25	χ Geminorum	9	57 29.94	– 0.15	**+15.82**	349 3 56.98	47.108	– 7.76	– 11.8	7 57 45.58	.....	+28 3 21.7	....
26	B. D.+21°1753	9	58 42.49	– 0.11	+15.79	342 17 56.55	44.512	– 7.76	– 19.5	7 58 58.17	– 0.73	+21 16 14.3	+ 9.2
27	B. D.+24°1863	9	1 59.13	– 0.13	+15.79	345 17 57.10	47.135	– 7.76	– 16.0	8 2 14.79	– 0.73	+24 17 18.3	+ 9.3
28	B. D.+14°1831	9	3 12.27	– 0.07	+15.79	334 55 55.68	46.368	– 7.76	– 28.6	8 3 27.99	– 0.73	+13 54 46.8	+ 8.8
29	B. D.+22°1886	9	8 3.26	– 0.12	+15.79	343 35 56.90	42.945	– 7.76	– 18.0	8 8 18.93	– 0.71	+22 33 40.3	+ 9.3
30	β Cancri	9	11 10.15	– 0.06	**+15.77**	330 29 54.95	45.732	– 7.76	– 34.6	8 11 25.88	.....	+ 9 28 25.5	....
31	B. D.+19°1979	9	14 20.64	– 0.10	+15.79	340 45 56.68	46.002	– 7.76	– 21.4	8 14 36.33	– 0.70	+19 44 46.6	+ 9.1
32	B. D.+14°1879	9	16 24.39	– 0.07	+15.79	334 57 55.38	42.438	– 7.76	– 28.6	8 16 40.11	– 0.71	+13 55 16.7	+ 8.6
33	B. D.+25°1920 (*south*)	9	20 49.45	– 0.13	+15.79	345 51 56.38	45.012	– 7.76	– 15.4	8 21 5.11	– 0.69	+24 50 29.7	+ 9.4
34	B. D.+24°1931	9	22 47.51	– 0.13	+15.79	345 27 57.42	47.125	– 7.76	– 15.8	8 23 3.17	– 0.68	+24 27 18.6	+ 9.4
35	B. D.+24°1946	8	27 11.79	– 0.13	+15.79	345 25 55.90	44.220	– 7.76	– 15.9	8 27 27.45	– 0.67	+24 24 10.6	+ 9.4
36	B. D.+19°2053	9	32 8.51	– 0.10	+15.79	340 37 55.78	42.938	– 7.76	– 21.5	8 32 24.20	– 0.66	+19 35 35.6	+ 9.0
37	B. D.+20°2175	9	35 17.86	– 0.10	+15.79	340 55 55.62	45.908	– 7.76	– 21.2	8 35 33.55	– 0.65	+19 54 43.6	+ 9.0
38	B. D.+21°1909	9	40 40.41	– 0.10	+15.79	341 59 57.22	42.510	– 7.76	– 19.9	8 40 56.10	– 0.64	+20 57 28.8	+ 9.1
39	B. D.+19°2110	9	45 9.13	– 0.10	+15.79	340 11 55.58	46.325	– 7.76	– 22.0	8 45 24.82	– 0.63	+19 10 52.3	+ 8.9
40	B. D.+22°2014	9	48 37.66	– 0.12	+15.79	343 35 57.00	44.518	– 7.76	– 18.0	8 48 53.33	– 0.61	+22 34 16.4	+ 9.3
41	α Cancri	9	53 5.79	– 0.06	**+15.77**	333 15 55.88	42.330	– 7.76	– 30.9	8 53 21.53	.....	+12 13 12.4	....
42	B. D.+22°2039	9	57 5.86	– 0.11	+15.80	342 53 56.08	47.150	– 7.76	– 18.8	8 57 21.55	– 0.59	+21 53 14.8	+ 9.2
43	B. D.+16°1901	9	0 43.49	– 0.08	+15.80	337 15 54.98	44.705	– 7.76	– 25.7	9 0 59.21	– 0.59	+16 14 11.0	+ 8.4
44	B. D.+18°2129	9	3 31.06	– 0.09	+15.80	338 51 55.02	46.575	– 7.76	– 23.7	9 3 46.77	– 0.58	+17 50 55.8	+ 8.6
45	B. D.+ 9°2133	9	6 9.14	– 0.05	+15.80	330 23 55.55	43.445	– 7.76	– 34.8	9 6 24.89	– 0.61	+ 9 21 33.7	+ 7.3
46	B. D.+20°2293	9	10 29.45	– 0.10	+15.80	341 29 56.40	43.290	– 7.76	– 20.5	9 10 45.15	– 0.55	+20 27 45.2	+ 8.9
47	83 Cancri	9	13 29.01	– 0.09	**+15.86**	339 7 55.45	44.440	– 7.76	– 23.4	9 13 44.72	.....	+18 6 7.7	....
48	B. D.+20°2314	9	18 13.92	– 0.10	+15.80	341 47 55.72	43.520	– 7.76	– 20.2	9 18 29.62	– 0.52	+20 45 50.1	+ 8.9
49	B. D.+ 9°2188	9	23 10.29	– 0.06	+15.80	330 29 55.38	44.332	– 7.76	– 34.7	9 23 26.03	– 0.55	+ 9 27 53.9	+ 6.9
50	B. D.+14°2101	9	25 18.83	– 0.07	+15.80	334 55 55.55	45.582	– 7.76	– 28.7	9 25 34.56	– 0.52	+13 54 28.6	+ 7.7
51	B. D.+ 8°2243	9	29 26.18	– 0.05	+15.80	329 37 54.32	45.365	– 7.76	– 35.9	9 29 41.93	– 0.54	+ 8 36 15.2	+ 6.6
52	10 Leonis	9	31 59.76	– 0.05	+15.80	328 17 54.65	43.075	– 7.76	– 37.9	9 32 15.51	– 0.54	+ 7 15 21.2	+ 6.3
53	*o* Leonis	9	35 52.93	– 0.06	**+15.77**	331 21 55.38	42.250	– 7.76	– 33.5	9 36 8.67	.....	+10 19 7.5	....
54	B. D.+14°2139	9	40 41.71	– 0.07	+15.80	334 53 55.80	46.690	– 7.76	– 28.7	9 40 57.44	– 0.47	+13 52 54.2	+ 7.4
55	B. D.+18°2274	9	43 38.74	– 0.09	+15.80	339 31 56.70	42.950	– 7.76	– 22.9	9 43 54.45	– 0.43	+18 29 35.4	+ 8.2
56	B. D.+10°2065	9	47 55.10	– 0.06	+15.80	331 5 55.38	41.832	– 7.76	– 33.9	9 48 10.84	– 0.46	+10 2 57.5	+ 6.4
57	B. D.+15°2136	9	51 15.69	– 0.08	+15.80	336 11 55.88	45.125	– 7.76	– 27.0	9 51 31.41	– 0.42	+15 10 20.2	+ 7.4
58	B. D.+11°2136	9	53 29.38	– 0.06	+15.80	331 55 56.10	45.340	– 7.76	– 32.7	9 53 45.12	– 0.44	+10 54 19.6	+ 6.5
59	B. D.+10°2100	9	58 18.08	– 0.06	+15.80	331 23 54.50	42.365	– 7.76	– 33.5	9 58 33.82	– 0.42	+10 21 9.2	+ 6.2
60	B. D.+ 4°2291	9	1 23.03	– 0.04	+15.80	324 57 55.62	44.968	– 7.76	– 43.0	10 1 38.79	– 0.45	+ 4 56 0.4	+ 4.9
61	B. D.+19°2307	9	3 43.60	– 0.10	+15.80	340 1 56.68	42.612	– 7.76	– 22.3	10 3 59.30	– 0.35	+18 59 28.2	+ 8.0
62	B. D.+ 5°2301	9	7 39.58	– 0.04	+15.80	326 5 53.88	46.815	– 7.76	– 41.2	10 7 55.34	– 0.42	+ 5 4 42.6	+ 4.8
63	ζ Leonis	9	11 12.50	– 0.12	**+15.81**	344 53 55.30	46.545	– 7.76	– 16.5	10 11 28.18	.....	+23 53 2.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 5 54	......	....	29.0
6 23	30.22	29.8	28.8
6 46	......	....	28.3
7 10	30.21	28.9	27.8
7 50	30.205	28.4	27.3
8 18	......	....	27.1
8 42	30.21	28.0	26.9
9 5	......	....	26.8
9 32	30.21	27.7	26.5
9 52	......	....	26.4

Micrometer bisections are made at II, VI, except as noted below.

7, 16, 22, 32, 40, 43, 50, 61.	Bisections at II, VII.
15, 25, 27.	Bisections at I, II.
24.	Bisections at II, III, IV, V, VI.
36.	Bisections at VI, VII.

Notes.

16. One microscope reading decreased 10″.
43–63. Haze, gradually increasing.
60. Very faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
24	+19 53.1	+15 26.7	...	+35 19.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Leonis (*pr.*)	9	14 32.17	− 0.10	**+15.76**	341 19 55.78	46.400	− 7.76	− 20.7	10 14 47.87	.....	+20 18 55.5	....
	January 12, Hl.												
2	Moon II, S.	9	46 11.28	− 0.19	+27.93	334 7 54.65	45.785	− 7.59	− 29.0	9 46 39.02	−67.28	+13 6 32.2	....
3	χ Leonis	9	59 42.63	− 0.17	**+27.92**	328 51 54.52	46.298	− 7.59	− 36.2	11 0 10.40	.....	+ 7 50 36.6	....
4	β Crateris	9	6 34.78	− 0.18	+27.94	298 43 54.32	46.172	− 7.59	−1 48.9	11 7 2.54	.....	−22 18 39.1	....
5	σ Leonis	9	15 49.79	− 0.17	**+27.97**	327 35 53.60	41.245	− 7.59	− 38.1	11 16 17.56	.....	+ 6 32 38.3	....
6	39 H. Cephei s. p.	9	27 7.00	+10.10	+27.94	54 11 58.42	45.705	− 7.59	+1 23.3	23 27 45.04	.....	+86 47 33.0	....
7	298 G. Hydræ	9	43 32.78	− 0.20	+27.94	294 49 53.42	44.945	− 7.59	−2 8.9	11 44 0.52	− 0.39	−26 13 28.0	− 8.0
8	o Leonis	9	50 22.64	− 0.20	+27.94	337 11 54.92	44.542	− 7.59	− 25.2	11 50 50.38	+ 0.10	+16 10 7.9	+ 5.3
9	o Virginis	9	59 57.45	− 0.18	**+27.92**	330 17 55.12	42.688	− 7.59	− 34.2	12 0 25.21	.....	+ 9 15 16.7	....
10	ε Corvi	9	4 49.80	− 0.18	+27.94	298 57 53.52	43.500	− 7.59	−1 48.0	12 5 17.56	.....	−22 5 40.1	....
11	6 B. Ursæ Minoris	9	14 8.67	−17.28	+27.94	49 14	......	....	.....	12 14 19.33	.....	+88 13	....
12	24 Comæ Berenices	9	29 56.77	− 0.21	+27.94	339 55 54.30	43.050	− 7.59	− 21.9	12 30 24.50	.....	+18 53 36.4	....
13	31 Comæ Berenices	9	46 39.09	− 0.26	**+27.92**	349 3 56.10	46.275	− 7.59	− 11.5	12 47 6.78	.....	+28 3 2.3	....
14	43 H. Cephei s. p.	9	55 13.22	+ 7.71	+27.95	55 14	......	....	.....	0 55 48.88	.....	+85 45	....
15	43 Comæ Berenices	9	7 0.92	− 0.26	**+28.02**	349 21 54.78	46.670	− 7.59	− 11.2	13 7 28.61	.....	+28 21 10.3	....
16	ζ Virginis	9	29 25.87	− 0.16	**+27.91**	320 55 53.68	43.000	− 7.59	− 48.7	13 29 53.66	.....	− 0 6 52.1	....
	January 16, Br.												
17	α Ursæ Minoris	7	25 19.79	−23.40	+28.37	49 47 58.08	46.696	− 6.34	+1 8.4	1 25 24.76	.....	+88 48 34.6	....
18	53 Cassiopeiæ	9	55 35.08	− 0.79	+28.37	24 55 57.00	48.045	− 6.34	+ 27.0	1 56 2.66	− 0.51	+63 56 23.4	−10.1
19	α Arietis	9	1 23.98	− 0.21	**+28.41**	344 1 54.70	46.618	− 6.34	− 16.5	2 1 52.14	.....	+23 1 5.0	....
20	μ Fornacis	9	8 17.69	− 0.23	+28.37	289 53 52.65	44.285	− 6.34	−2 38.2	2 8 45.83	.....	−31 10 11.8	....
21	67 Ceti	9	11 49.25	− 0.16	**+28.28**	314 11 52.60	41.802	− 6.34	− 59.4	2 12 17.46	.....	− 6 51 29.9	....
22	ξ² Ceti	9	22 41.24	− 0.16	**+28.36**	329 3 52.82	45.268	− 6.34	− 34.6	2 23 9.45	.....	+ 8 2 14.2	....
23	36 H. Cassiopeiæ	9	28 39.04	− 1.28	+28.37	33 25 56.22	43.085	− 6.34	+ 38.3	2 29 6.13	.....	+72 24 40.5	....
24	δ Ceti	9	34 11.47	− 0.16	**+28.40**	320 57 52.50	43.205	− 6.34	− 47.0	2 34 39.68	.....	− 0 4 45.6	....
25	π Ceti	9	39 10.57	− 0.17	+28.37	306 47 51.48	42.240	− 6.34	−1 17.3	2 39 38.77	.....	−14 15 39.0	....
26	τ Persei	9	47 7.84	− 0.47	+28.37	13 23 55.98	44.578	− 6.34	+ 13.9	2 47 35.74	.....	+52 22 50.1	....
27	η Eridani	9	51 21.87	− 0.16	**+28.35**	311 45 52.12	44.580	− 6.34	−1 4.8	2 51 50.08	.....	− 9 16 32.3	....
28	ρ Persei	9	58 41.22	− 0.30	+28.37	359 29 54.12	44.775	− 6.34	− 0.4	2 59 9.29	.....	+38 28 38.3	....
29	57 B. Ursæ Minoris s. p.	9	6 21.72	+11.45	+28.38	53 23 56.35	46.163	− 6.34	+1 18.4	15 7 1.55	.....	+87 35 28.2	....
30	2 H. Camelopardalis	9	21 0.21	− 0.61	+28.38	20 37 55.32	44.495	− 6.34	+ 22.0	3 21 27.98	.....	+59 36 55.6	....
31	*f* Tauri	9	25 12.85	− 0.17	**+28.46**	333 37 52.15	46.502	− 6.34	− 28.8	3 25 41.06	.....	+12 36 47.5	....
32	τ⁵ Eridani	9	29 10.13	− 0.20	+28.38	299 5 52.15	44.705	− 6.34	−1 44.1	3 29 38.31	.....	−21 57 8.7	....
33	11 Tauri	9	34 41.42	− 0.21	+28.38	346 3 54.88	42.438	− 6.34	− 14.4	3 35 9.59	.....	+25 1 31.8	....
34	5 H. Camelopardalis	9	40 0.22	− 1.13	+28.38	32 3 56.72	43.350	− 6.34	+ 36.6	3 40 27.47	.....	+71 2 45.4	....
35	9 H. Camelopardalis	9	48 40.43	− 0.64	+28.38	21 49 56.22	47.680	− 6.34	+ 23.5	3 49 8.17	.....	+60 50 10.8	....
	January 16, Bs.												
36	ε Corvi	9	4 49.19	− 0.19	+28.67	298 57 53.00	43.458	− 7.42	−1 46.9	12 5 17.67	.....	−22 5 40.2	....
37	6 B. Ursæ Minoris	9	14 5.78	−14.30	+28.68	49 13 59.00	42.626	− 7.42	+1 9.1	12 14 20.16	.....	+88 13 2.0	....
38	15 Comæ Berenices	9	21 46.54	− 0.21	+28.68	349 47 54.45	47.042	− 7.42	− 10.6	12 22 15.01	+ 0.22	+28 47 19.3	+ 8.6
39	74 Ursæ Majoris	9	25 5.56	− 0.56	+28.68	19 55 55.90	45.142	− 7.42	+ 21.7	12 25 33.68	+ 0.44	+58 55 9.4	+14.4
40	24 Comæ Berenices	9	29 56.18	− 0.17	+28.68	339 55 54.22	43.035	− 7.42	− 21.7	12 30 24.69	.....	+18 53 36.4	....
41	χ Virginis	9	33 55.11	− 0.14	+28.68	313 33 54.08	44.280	− 7.42	−1 2.5	12 34 23.65	+ 0.02	− 7 28 36.0	− 3.0
42	*d*² Virginis	9	40 23.38	− 0.14	+28.68	329 13 53.72	42.612	− 7.42	− 35.4	12 40 51.92	+ 0.19	+ 8 11 12.6	+ 2.0
43	31 Comæ Berenices	9	46 38.43	− 0.20	**+28.66**	349 3 55.25	46.275	− 7.42	− 11.5	12 47 6.91	.....	+28 3 1.6	....
44	43 H. Cephei s. p.	8	55 11.89	+ 6.44	+28.68	55 13 59.28	45.948	− 7.42	+1 26.0	0 55 47.01	.....	+85 45 24.0	....
45	θ Virginis	9	4 36.22	− 0.14	**+28.62**	315 59 52.25	45.268	− 7.42	− 57.5	13 5 4.76	.....	− 5 2 10.3	....
46	Moon II, S.	9	25 0.55	− 0.14	+28.68	316 5 53.48	45.680	− 7.42	− 57.3	13 25 29.09	−67.11	− 4 56 0.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 10 16	30.215	27.5	26.6
12 9 50	30.01	36.2	35.6
10 50	30.005	35.2	34.7
11 11	....	....	34.3
11 34	....	....	34.1
11 40	30.00	34.9	....
11 54	......	....	34.0
12 24	......	....	33.2
12 40	......	....	33.2
13 2	29.97	34.0	33.1
13 42	29.97	33.7	32.9
16 1 17	29.89	45.9	45.8
1 32	29.90	45.5	45.0
2 16	....	....	43.8
2 33		....	43.0
2 43	29.52	43.0	....
3 13	......	....	41.8
3 30	..	.	41.1
3 49	29.535	41.0	40.9
12 5	29.67	34.7	33.6
12 30			33.0
13 5	29.695	33.0	32.1

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at II, III, IV, V, VI.
6.	Bisections at III, IV, V.
17.	Bisections at b_2, b_4, b_5, b_6, b_8.
18, 23, 26, 30, 34, 35.	Bisections at III, V.
20, 28, 31.	Bisections at I, II.
29.	Bisections at b_1, b_2, b_5, b_7, b_9.
37.	Bisections at b_1, b_3, b_5, b_7, b_9.
44.	Bisections at b_1, b_3, b_5, b_8.
46.	Bisections at I, II, IV, VI.

Notes.

2.	Micrometer reading decreased 1 rev.
6.	Poor.
7, 19, 21.	Very unsteady.
17, 19.	Fuzzy.
20.	Diffuse.
24.	Faint.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
2	+24 52.9	+15 43.6	...	+40 36.5
46	+40 43.2	+16 7.1	...	+56 50.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*m* Virginis	9	36 11.72	− 0.15	**+28.66**	312 47 53.55	47.008	− 7.42	−1 4.2	13 36 40.25	.....	− 8 13 35.9	....
2	*i* Centauri	8	39 51.91	− 0.24	+28.68	288 29 53.28	45.945	− 7.42	−2 55.8	13 40 20.35	+ 0.23	−32 33 52.0	−13.7
3	89 Virginis	9	44 16.79	− 0.17	**+28.72**	303 23 52.48	42.500	− 7.42	−1 30.0	13 44 45.30	.....	−17 39 45.8	....
4	*i* Draconis	9	48 11.63	− 0.77	+28.68	26 11 58.88	44.375	− 7.42	+ 29.4	13 48 39.54	+ 1.38	+65 11 2.5	+13.6
5	47 Hydræ	8	52 45.48	− 0.20	+28.68	296 31 53.28	46.715	− 7.42	−1 58.5	13 53 13.96	+ 0.39	−24 30 37.1	−11.3
6	τ Virginis	9	56 22.57	− 0.14	**+28.72**	323 1 54.18	45.150	− 7.42	− 44.7	13 56 51.11	.....	+ 2 0 1.7	....
	January 17, Bs.												
7	Sun I, S.	8	53 21.54	− 0.16	+28.72	299 57 58.65	42.938	− 6.92	−1 41.9	19 53 50.10	+69.92	−21 5 40.8	....
8	Sun II, N.	9	55 41.37	− 0.16	+28.72	300 29 57.82	44.485	− 6.92	−1 39.7	19 56 9.93	−69.91	−20 33 4.4	....
	January 18, Hl.												
9	67 Ceti	9	11 48.96	− 0.16	**+28.55**	314 11 53.65	41.728	− 5.98	− 59.2	2 12 17.42	.....	− 6 51 30.0	....
10	ξ² Ceti	9	22 41.03	− 0.15	**+28.54**	329 3 51.92	45.295	− 5.98	− 34.5	2 23 9.50	.....	+ 8 2 14.4	....
11	36 H. Cassiopeiæ	9	28 38.51	− 1.11	+28.62	33 25 57.48	43.018	− 5.98	+ 38.2	2 29 6.02	.....	+72 24 40.2	....
12	π Ceti	9	39 10.34	− 0.17	+28.62	306 47 52.02	42.205	− 5.98	−1 17.0	2 39 38.79	.....	−14 15 38.5	....
13	σ Arietis	9	45 49.64	− 0.16	**+28.58**	335 41 53.32	48.548	− 5.98	− 26.0	2 46 18.10	.....	+14 41 38.6	....
14	α Ceti	9	56 53.45	− 0.15	**+28.59**	324 43 53.10	47.890	− 5.98	− 40.8	2 57 21.92	.....	+ 3 43 8.6	....
15	τ¹ Arietis	9	15 19.63	− 0.17	**+28.64**	341 50	......	....	.....	3 15 48.09	.....	+20 48	....
16	2 H. Camelopardalis	9	20 59.86	− 0.54	+28.63	20 37 56.22	44.425	− 5.98	+ 21.9	3 21 27.95	.....	+59 36 55.0	....
17	11 Tauri	9	34 41.16	− 0.19	+28.63	346 3 54.52	42.440	− 5.98	− 14.3	3 35 9.60	.....	+25 1 31.9	....
	January 18, Ei.-Y.												
18	π⁵ Orionis	9	48 53.18	− 0.15	**+28.79**	323 19 52.48	42.585	− 5.81	− 43.2	4 49 21.78	.....	+ 2 17 4.5	....
19	B. D.+19°839	9	55 52.52	− 0.17	+28.75	340 51 53.98	43.008	− 5.84	− 20.1	4 56 21.10	− 0.60	+19 49 38.7	+ 7.2
20	ι Tauri	9	57 0.58	− 0.18	**+28.81**	342 29 54.42	41.968	− 5.84	− 18.2	4 57 29.16	.....	+21 27 17.3	....
21	B. D.+22°818	9	59 29.24	− 0.18	+28.76	343 57 54.02	43.385	− 5.85	− 16.6	4 59 57.82	− 0.63	+22 55 50.9	+ 6.5
22	B. D.+24°755	9	1 54.95	− 0.19	+28.76	345 9 53.70	44.845	− 5.86	− 15.3	5 2 23.52	− 0.65	+24 8 25.2	+ 6.2
23	B. D.+15°759	9	5 49.58	− 0.16	+28.76	336 57 52.80	43.355	− 5.88	− 24.5	5 6 18.18	− 0.61	+15 55 41.0	+ 8.2
24	B. D.+27°744	9	10 31.09	− 0.20	+28.76	348 37 54.38	45.438	− 5.90	− 11.6	5 10 59.65	− 0.70	+27 36 43.1	+ 5.7
25	B. D.+25°818	9	14 3.44	− 0.19	+28.76	346 5 55.00	44.758	− 5.91	− 14.2	5 14 32.01	− 0.69	+25 4 25.5	+ 6.3
26	B. D.+16°765	9	17 43.99	− 0.16	+28.76	337 37 52.52	45.595	− 5.93	− 23.7	5 18 12.59	− 0.65	+16 36 32.7	+ 8.3
27	β Tauri	9	19 53.08	− 0.20	**+28.82**	349 33 53.52	42.630	− 5.93	− 10.6	5 20 21.64	.....	+28 31 39.0	....
28	B. D.+15°826	9	21 53.55	− 0.16	+28.76	336 49 52.68	43.135	− 5.95	− 24.7	5 22 22.15	− 0.66	+15 47 35.6	+ 8.5
29	B. D.+29°923	9	25 48.14	− 0.21	+28.76	350 9 53.18	42.235	− 5.96	− 10.0	5 26 16.69	− 0.76	+29 7 30.2	+ 5.8
30	B. D.+23°954	9	29 14.77	− 0.19	+28.76	344 59 53.70	45.272	− 5.98	− 15.4	5 29 43.34	− 0.72	+23 58 34.7	+ 6.9
31	ζ Tauri	9	31 33.75	− 0.18	**+28.76**	342 5 52.92	46.652	− 5.99	− 18.6	5 32 2.33	.....	+21 5 2.3	....
32	B. D.+24°920	9	35 43.99	− 0.19	+28.76	345 17 53.70	44.175	− 6.01	− 15.1	5 36 12.56	− 0.74	+24 16 9.9	+ 7.0
33	B. D.+26°937	9	38 36.95	− 0.20	+28.76	347 19 54.12	43.702	− 6.02	− 13.0	5 39 5.51	− 0.76	+26 18 1.6	+ 6.6
34	B. D.+20°1100	9	41 33.94	− 0.18	+28.76	341 55 51.95	44.825	− 6.03	− 18.8	5 42 2.52	− 0.73	+20 54 19.3	+ 7.7
35	B. D.+19°1110	9	46 21.39	− 0.17	+28.76	340 51 53.38	45.408	− 6.05	− 20.0	5 46 49.98	− 0.74	+19 50 32.9	+ 8.0
36	B. D.+19°1126	9	48 54.98	− 0.17	+28.76	340 45 53.72	43.450	− 6.06	− 20.1	5 49 23.57	− 0.75	+19 43 48.3	+ 8.1
37	B. D.+18°1040	9	52 55.24	− 0.17	+28.76	339 49 52.62	45.638	− 6.08	− 21.2	5 53 23.83	− 0.75	+18 48 36.1	+ 8.3
38	B. D.+20°1233	9	57 52.41	− 0.17	+28.76	341 9 53.32	44.880	− 6.10	− 19.7	5 58 21.00	− 0.77	+20 8 21.0	+ 8.1
39	B. D.+21°1116	9	0 36.06	− 0.18	+28.76	342 55 54.45	42.942	− 6.11	− 17.7	6 1 4.64	− 0.78	+21 53 39.8	+ 7.9
40	B. D.+19°1237	9	3 57.98	− 0.17	+28.76	340 41 53.35	47.765	− 6.13	− 20.2	6 4 26.57	− 0.78	+19 41 26.4	+ 8.3
41	B. D.+27°1013	9	5 25.97	− 0.20	+28.76	348 9 54.52	46.550	− 6.13	− 12.1	6 5 54.53	− 0.82	+27 9 7.9	+ 7.1
42	η Geminorum	9	8 44.43	− 0.18	**+28.82**	343 33 54.15	43.758	− 6.15	− 17.0	6 9 13.01	.....	+22 31 58.8	....
43	B. D.+17°1191	9	10 28.31	− 0.17	+28.76	338 13 53.42	45.842	− 6.15	− 23.0	6 10 56.90	− 0.78	+17 12 39.7	+ 8.8
44	B. D.+23°1301	9	13 11.89	− 0.18	+28.76	344 19 53.80	45.455	− 6.16	− 16.2	6 13 40.47	− 0.81	+23 18 38.0	+ 7.9
45	B. D.+23°1322	9	15 37.34	− 0.19	+28.76	344 49 53.02	44.278	− 6.16	− 15.6	6 16 5.91	− 0.82	+23 48 10.9	+ 7.8
46	B. D.+21°1232	9	19 36.46	− 0.18	+28.76	342 43 53.50	43.208	− 6.19	− 18.0	6 20 5.04	− 0.81	+21 41 44.5	+ 8.2
47	B. D.+27°1122	9	22 35.62	− 0.20	+28.76	348 3 53.58	42.640	− 6.20	− 12.2	6 23 4.18	− 0.84	+27 1 37.4	+ 7.5
48	B. D.+29°1327	9	38 20.41	− 0.21	+28.76	350 5 53.42	43.215	− 6.27	− 10.1	6 38 48.96	− 0.88	+29 3 52.4	+ 7.6
49	B. D.+24°1406	9	42 16.64	− 0.19	+28.76	345 29 54.22	43.642	− 6.28	− 14.9	6 42 45.21	− 0.85	+24 27 58.2	+ 8.2
50	B. D.+25°1469	9	45 42.55	− 0.19	+28.76	346 47 53.45	44.572	− 6.30	− 13.5	6 46 11.12	− 0.86	+25 46 20.0	+ 8.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 13 40	......	....	33.1
13 56	29.71	33.0	33.6
17 19 53	29.83	41.0	39.6
18 2 1	29.49	45.9	46.0
2 16	......	....	45.2
2 36	......	....	44.6
2 50	29.49	44.9	44.0
3 8	......	....	43.2
3 25	......	....	43.0
3 40	29.495	44.0	42.9
4 47	29.505	42.5	41.8
5 12	......	....	45.9
5 21	......	....	45.8
5 40	29.575	43.9	45.3
6 7	......	....	45.4
6 34	29.60	44.4	44.9

Micrometer bisections are made at II, VI, except as noted below.

7, 40, 42. Bisections at I, II.
8. Bisections at VI, VII.
32, 45, 46. Bisections at II, VII.
43. Bisections at II, VI, VII.

Notes.

12. Unsteady.
18–24. Conditions very poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
7	+ 7.7	+16 18.2	...	+16 25.9
8	+ 7.7	−16 18.2	...	−16 10.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+17°1447........	8	50 20.80	− 0.17	+28.76	338 53 53.08	42.615	− 6.32	− 22.3	6 50 49.39	− 0.83	+17 51 26.2	+ 9.0
2	B. D.+27°1296........	9	54 38.93	− 0.20	+28.77	348 17 52.75	46.772	− 6.34	− 11.9	6 55 7.50	− 0.87	+27 17 11.1	+ 8.1
3	B. D.+24°1502........	9	56 13.48	− 0.19	+28.77	345 21 53.82	46.080	− 6.34	− 15.1	6 56 42.06	− 0.86	+24 20 53.2	+ 8.4
4	B. D.+19°1591........	9	57 30.79	− 0.17	+28.77	340 23 53.50	42.592	− 6.35	− 20.6	6 57 59.39	− 0.84	+19 21 27.7	+ 8.9
5	B. D.+17°1505........	9	2 48.66	− 0.17	+28.77	338 49 52.88	44.735	− 6.37	− 22.4	7 3 17.26	− 0.84	+17 48 14.3	+ 9.1
6	B. D.+17°1518........	9	5 53.32	− 0.17	+28.77	338 9 52.65	43.710	− 6.38	− 23.2	7 6 21.92	− 0.84	+17 7 49.8	+ 9.1
7	B. D.+20°1743........	9	8 32.53	− 0.18	+28.77	341 41 53.02	45.488	− 6.39	− 19.2	7 9 1.12	− 0.85	+20 40 34.8	+ 8.9
8	B. D.+24°1611........	9	12 41.56	− 0.19	+28.77	345 19 53.18	41.770	− 6.41	− 15.2	7 13 10.14	− 0.86	+24 17 13.9	+ 8.7
9	δ Geminorum............	9	14 2.88	− 0.18	**+28.81**	343 9 54.18	47.110	− 6.42	− 17.5	7 14 31.47	.....	+22 9 14.7	....
10	B. D:+25°1660........	9	17 17.06	− 0.19	+28.77	346 15 54.45	43.120	− 6.43	− 14.2	7 17 45.64	− 0.87	+25 13 47.0	+ 8.7
11	ι Geminorum............	9	19 25.76	− 0.20	**+28.75**	348 59 54.72	46.190	− 6.44	− 11.2	7 19 54.33	.....	+27 59 0.4	....
12	B. D.+20°1805........	9	20 56.23	− 0.18	+28.77	341 27 53.08	45.582	− 6.45	− 19.4	7 21 24.82	− 0.85	+20 26 36.7	+ 9.0
13	B. D.+28°1405........	9	24 21.39	− 0.20	+28.77	349 7 54.15	44.080	− 6.46	− 11.1	7 24 49.96	− 0.88	+28 6 11.7	+ 8.6
14	β Cancri................	9	10 57.42	− 0.16	**+28.71**	330 29 53.22	45.652	− 6.56	− 33.0	8 11 26.03	.....	+ 9 28 24.8	....
15	B. D.+24°1909........	9	14 29.13	− 0.19	+28.77	345 19 53.65	46.395	− 6.56	− 15.2	8 14 57.71	− 0.82	+24 18 59.9	+ 9.3
16	B. D.+16°1704........	9	16 45.21	− 0.17	+28.77	337 29 52.55	43.290	− 6.56	− 24.2	8 17 13.81	− 0.81	+16 27 38.9	+ 9.1
17	B. D.+13°1912........	9	21 4.27	− 0.16	+28.77	333 59 52.42	43.835	− 6.56	− 28.5	8 21 32.88	− 0.82	+12 57 46.9	+ 9.0
18	B. D.+22°1941........	9	23 59.04	− 0.18	+28.77	343 21 54.55	45.095	− 6.56	− 17.4	8 24 27.63	− 0.80	+22 20 28.9	+ 9.3
19	η Cancri................	9	26 48.68	− 0.18	**+28.79**	341 45 53.70	47.932	− 6.56	− 19.2	8 27 17.27	.....	+20 45 31.1	....
20	B. D.+13°1940........	9	28 4.84	− 0.16	+28.77	334 35 52.58	46.025	− 6.56	− 27.7	8 28 33.45	− 0.80	+13 34 38.0	+ 8.9
21	B. D.+17°1896........	9	32 42.01	− 0.17	+28.77	338 25 52.50	42.108	− 6.56	− 23.1	8 33 10.61	− 0.79	+17 23 12.9	+ 9.1
22	B. D.+20°2159........	9	34 19.41	− 0.18	+28.77	341 19 53.40	44.212	− 6.56	− 19.7	8 34 48.00	− 0.78	+20 18 5.3	+ 9.2
23	γ Cancri................	9	37 23.09	− 0.18	**+28.79**	342 49 53.80	44.695	− 6.56	− 18.0	8 37 51.68	.....	+21 48 18.5	....
24	B. D.+16°1815........	9	40 35.77	− 0.17	+28.77	337 23 53.12	45.945	− 6.56	− 24.3	8 41 4.37	− 0.78	+16 22 40.0	+ 9.0
25	B. D.+21°1926........	9	45 29.82	− 0.18	+28.77	342 27 53.85	43.405	− 6.56	− 18.5	8 45 58.41	− 0.76	+21 25 48.5	+ 9.3
26	B. D.+15°1945........	9	51 32.68	− 0.16	+28.78	336 41 53.78	46.565	− 6.56	− 25.2	8 52 1.30	− 0.76	+15 40 54.0	+ 8.8
27	B. D.+13°2021........	9	53 49.06	− 0.16	+28.78	334 27 53.82	44.980	− 6.56	− 28.0	8 54 17.68	− 0.76	+13 26 15.0	+ 8.6
28	B. D.+23°2048 (*south*).	5	1 33.91	− 0.19	+28.78	344 23 54.35	41.860	− 6.56	− 16.4	9 2 2.50	− 0.72	+23 21 15.8	+ 9.4
29	B. D.+23°2048 (*north*).	5	1 34.07	− 0.19	+28.78	344 23 54.35	42.185	− 6.56	− 16.4	9 2 2.66	− 0.72	+23 21 23.2	+ 9.4
30	B. D.+22°2063........	9	4 29.09	− 0.18	+28.78	343 23 54.35	45.422	− 6.56	− 17.4	9 4 57.69	− 0.72	+22 22 36.2	+ 9.3
31	B. D.+21°1991........	9	7 47.33	− 0.18	+28.78	342 41 53.75	44.240	− 6.56	− 18.2	9 8 15.93	− 0.71	+21 40 7.8	+ 9.3
	January 18, Br.												
32	6 B. Ursæ Minoris.......	8	14 44.74	−13.95	− 4.37	49 13 56.70	42.743	− 6.80	+1 8.8	12 14 26.42	.....	+88 13 2.7	....
33	74 Ursæ Majoris..........	9	25 38.74	− 0.58	− 4.37	19 55 55.00	45.178	− 6.83	+ 21.6	12 25 33.79	+ 0.35	+58 55 10.0	+14.4
34	24 Comæ Berenices.......	9	30 29.30	− 0.20	− 4.37	339 55 53.45	43.028	− 6.85	− 21.6	12 30 24.73	.....	+18 53 36.1	....
35	χ Virginis..............	9	34 28.17	− 0.18	− 4.37	313 33 53.25	44.218	− 6.85	−1 2.2	12 34 23.62	− 0.04	− 7 28 37.4	− 2.7
36	d^2 Virginis..............	9	40 56.53	− 0.18	− 4.37	329 13 52.35	42.685	− 6.87	− 35.3	12 40 51.98	+ 0.13	+ 8 11 13.5	+ 2.4
37	31 Comæ Berenices.......	9	47 11.55	− 0.23	− **4.36**	349 3 54.32	46.275	− 6.89	− 11.4	12 47 6.95	.....	+28 3 1.3	....
38	δ Virginis..............	9	50 56.51	− 0.18	− **4.37**	324 55 52.32	46.318	− 6.90	− 41.6	12 50 51.96	.....	+ 3 54 30.2	....
39	14 Canum Venaticorum...	9	1 25.06	− 0.28	− 4.37	357 19 55.05	43.090	− 6.93	− 2.7	13 1 20.41	+ 0.44	+36 17 57.8	+10.0
40	θ Virginis..............	9	5 9.32	− 0.18	− **4.38**	315 59 51.38	45.240	− 6.94	− 57.2	13 5 4.77	.....	− 5 2 11.0	....
41	r Centauri..............	9	11 44.40	− 0.27	− 4.37	290 3 51.45	44.168	− 6.96	−2 41.1	13 11 39.76	− 0.05	−31 0 19.2	−12.0
42	α Ursæ Minoris s. p.	9	25 5.33	+21.52	− 4.37	52 11 56.75	43.501	− 6.99	+1 16.8	1 25 22.48	.....	+88 48 30.4	....
43	m Virginis..............	9	36 44.86	− 0.18	− **4.38**	312 47 51.22	47.008	− 7.02	−1 4.1	13 36 40.31	.....	− 8 13 37.7	....
44	89 Virginis..............	9	44 49.97	− 0.21	− **4.35**	303 23 50.85	42.442	− 7.05	−1 30.1	13 44 45.39	.....	−17 39 48.4	....
45	i Draconis..............	9	48 45.09	− 0.77	− 4.37	26 11 55.68	44.515	− 7.06	+ 29.4	13 48 39.95	+ 1.26	+65 11 3.1	+13.8
46	τ Virginis..............	9	56 55.76	− 0.18	− **4.37**	323 1 52.65	45.115	− 7.08	− 44.8	13 56 51.21	.....	+ 1 59 59.6	....
47	94 Virginis..............	9	1 23.11	− 0.18	− 4.37	312 35 51.70	44.785	− 7.09	−1 4.8	14 1 18.56	.....	− 8 26 28.8	....
48	55 Cassiopeiæ s. p.	8	7 9.38	+ 1.36	− 4.37	74 51 56.68	46.050	− 7.11	+3 38.8	2 7 6.37	.....	+66 5 11.3	....
49	ι Boötis..............	9	12 53.98	− 0.44	− 4.37	12 47 55.05	47.445	− 7.12	+ 13.7	14 12 49.17	+ 1.09	+51 47 53.7	+11.5
50	f Boötis..............	9	22 8.83	− 0.20	− **4.36**	340 39 53.45	46.498	− 7.15	− 20.9	14 22 4.26	.....	+19 38 55.8	....
51	Moon II, S..............	9	18 55.90	− 0.21	− 4.37	307 9 51.42	47.177	− 7.25	−1 18.4	15 18 51.32	−69.20	−13 51 48.2	....
52	Mercury C, C..............	9	40 17.37	− 0.23	− 4.39	297 37 53.78	46.579	− 6.43	−1 52.1	18 40 12.75	− 0.03	−23 24 32.3	....
	January 19, Br.												
53	Sun I, N..............	9	2 26.66	− 0.22	− 4.39	300 53 55.20	44.900	− 7.32	−1 37.8	20 2 22.05	+69.71	−20 8 55.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 6 59	..	...	44.0
7 25	29.62	42.7	43.0
8 9	29.655	41.6	41.8
8 30		..	40.9
8 55	29.685	40.3	40.0
9 24	29.72	40.0	40.0
12 14	29.80	37.8	37.2
12 41	.. ..	....	[illegible]
12 55	29.82	37.1	..
13 33	. .	..	35.7
13 52	29.85	36.0	...
14 10	. ..	...	34.3
14 25	29.87	35.1	35.0
15 21	29.90	35.0	35.9
18 41	30.00	42.6	41.9
19 20 5	29.97	44.1	43.3

Micrometer bisections are made at II, VI, except as noted below.

2, 3, 11, 28, 34, 37, 39, 53.	Bisections at I, II.
4, 12, 21, 24, 26, 31.	Bisections at II, VII.
29, 41.	Bisections at VI, VII.
32, 42.	Bisections at b_1, b_3, b_5, b_7, b_9.
33, 45, 48, 49.	Bisections at IIf, V.
51.	Bisections at II, III, IV, V, VI.
52.	Bisections at I, II, VI, VII.

Notes.

30, 31, 36, 39.	Clouds.
32–50.	Conditions very poor.
38, 48.	Faint.
40, 41, 44.	Diffuse.
42.	Diffuse and very unsteady.
43.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
51	+47 7.4	+16 12.7	...	+63 20.1
52	+ 6.4	.. ....	0.0	+ 6.4
53	+ 7.6	−16 16.7	...	−16 9.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun II, S.	9	4 46.08	− 0.22	− 4.39	300 21 57.55	43.440	− 7.32	−1 40.0	20 4 41.47	−69.71	−20 41 29.3	....
	January 24, Bs.												
2	δ Ceti	9	34 43.88	− 0.18	− **4.09**	320 57 54.12	43.085	− 2.96	− 48.7	2 34 39.61	.....	− 0 4 45.0	....
3	μ Ceti	8	39 55.75	− 0.19	− **4.16**	330 43 53.90	46.932	− 2.96	− 33.6	2 39 51.47	.....	+ 9 42 57.7	....
4	τ Persei	9	47 40.13	− 0.47	− 4.09	13 23 53.90	44.475	− 2.96	+ 14.4	2 47 35.57	.....	+52 22 49.4	....
5	ρ Persei	9	59 13.56	− 0.31	− 4.09	359 29 54.58	44.610	− 2.96	− 0.5	2 59 9.16	.....	+38 28 38.3	....
6	57 B. Ursæ Minoris s. p.	9	6 53.78	+10.85	− 4.09	53 23 59.62	45.755	− 2.96	+1 21.2	15 7 0.54	.....	+87 35 28.2	....
7	τ^1 Arietis	9	15 52.28	− 0.20	− **4.06**	341 49 54.22	44.998	− 2.96	− 19.7	3 15 47.99	.....	+20 48 27.7	....
8	2 H. Camelopardalis	9	21 32.48	− 0.60	− 4.09	20 37 44.28	44.778	− 2.96	+ 22.8	3 21 27.79	.....	+59 36 55.0	....
9	f Tauri	9	25 45.28	− 0.18	− **4.06**	333 37 53.88	46.305	− 2.96	− 29.8	3 25 41.01	.....	+12 36 47.2	....
10	149 H^1. Cephei	9	36 15.11	− 6.75	− 4.09	47 21 58.52	43.387	− 2.96	+1 5.7	3 36 4.27	−10.04	+86 21 20.3	−10.7
11	27 Tauri	9	43 38.80	− 0.21	− 4.09	344 47 54.95	43.395	− 2.96	− 16.4	3 43 34.50	− 0.27	+23 45 55.1	+ 4.4
12	9 H. Camelopardalis	9	49 12.62	− 0.63	− 4.09	21 49 56.70	47.425	− 2.96	+ 24.3	3 49 7.90	.....	+60 50 9.4	....
13	γ Eridani	9	53 43.13	− 0.18	− **4.12**	307 15 51.52	44.435	− 2.96	−1 19.2	3 53 38.86	.....	−13 46 47.3	....
14	A Tauri	9	59 12.79	− 0.20	− **4.08**	342 51 54.32	42.338	− 2.96	− 18.6	3 59 8.50	.....	+21 49 28.1	....
15	151 H^1. Cephei	9	7 7.44	− 5.18	− 4.09	46 17 56.88	46.865	− 2.96	+1 3.5	4 6 58.17	.....	+85 18 36.0	....
16	54 Persei	9	14 23.15	− 0.26	− 4.09	355 21 54.32	44.175	− 2.96	− 4.9	4 14 18.80	− 0.51	+34 20 23.8	+ 2.0
17	1 Camelopardalis	9	24 40.38	− 0.47	− 4.09	14 43 56.15	43.435	− 2.96	+ 16.0	4 24 35.82	− 0.95	+53 42 29.5	− 2.8
	January 24, Ei.-Y.												
18	δ Orionis	9	27 17.28	− 0.15	− **4.24**	320 39 52.12	44.445	− 2.86	− 49.7	5 27 12.91	.....	− 0 22 16.9	....
19	ζ Tauri	9	32 6.67	− 0.18	− **4.19**	342 5 55.08	46.480	− 2.86	− 19.5	5 32 2.27	.....	+21 5 2.7	....
20	B. D.+25°902	9	33 59.77	− 0.20	− 4.22	346 51 55.18	45.132	− 2.86	− 14.1	5 33 55.35	− 0.72	+25 50 37.4	+ 6.4
21	B. D.+18°923	9	37 26.96	− 0.17	− 4.22	339 57 55.15	43.865	− 2.86	− 22.1	5 37 22.57	− 0.69	+18 56 0.4	+ 8.1
22	B. D.+15°926	9	41 26.23	− 0.16	− 4.22	336 47 53.70	46.842	− 2.86	− 26.0	5 41 21.85	− 0.70	+15 47 3.1	+ 8.8
23	B. D.+29°1009	9	43 22.10	− 0.22	− 4.22	350 41 55.12	47.722	− 2.86	− 9.9	5 43 17.66	− 0.78	+29 41 40.7	+ 5.8
24	B. D.+22°1080	9	47 44.94	− 0.18	− 4.22	343 3 53.35	46.542	− 2.86	− 18.4	5 47 40.54	− 0.74	+22 3 3.5	+ 7.6
25	B. D.+24°1033	9	51 15.89	− 0.19	− 4.22	345 15 52.72	43.910	− 2.86	− 15.9	5 51 11.48	− 0.76	+24 14 5.2	+ 7.2
26	B. D.+27°945	9	55 11.23	− 0.20	− 4.22	348 35 55.35	43.420	− 2.86	− 12.2	5 55 6.81	− 0.79	+27 34 0.4	+ 6.6
27	B. D.+25°1100	9	58 28.59	− 0.19	− 4.22	346 27 56.25	45.562	− 2.86	− 14.6	5 58 24.18	− 0.78	+25 26 47.8	+ 7.1
28	B. D.+16°1000	9	1 36.00	− 0.16	− 4.22	337 13 51.42	41.868	− 2.86	− 25.5	6 1 31.62	− 0.74	+16 11 7.7	+ 9.0
29	B. D.+28°1036	9	5 22.01	− 0.21	− 4.22	349 57 55.52	42.020	− 2.86	− 10.7	6 5 17.58	− 0.82	+28 55 30.0	+ 6.5
30	B. D.+22°1220	9	6 42.39	− 0.18	− 4.22	343 57 53.88	42.945	− 2.86	− 17.4	6 6 37.99	− 0.79	+22 55 42.8	+ 7.7
31	B. D.+25°1180	9	9 41.68	− 0.19	− 4.22	346 23 53.48	42.692	− 2.86	− 14.7	6 9 37.27	− 0.81	+25 21 39.4	+ 7.3
32	B. D.+27°1054	9	12 32.62	− 0.20	− 4.22	348 15 54.80	45.380	− 2.86	− 12.6	6 12 28.20	− 0.83	+27 14 44.2	+ 7.0
33	B. D.+29°1190	9	15 17.24	− 0.21	− 4.22	350 35 55.45	45.780	− 2.86	− 10.0	6 15 12.81	− 0.85	+29 34 56.6	+ 6.7
34	B. D.+17°1224 (*mean*)	9	17 26.23	− 0.16	− 4.22	338 39 53.72	41.625	− 2.86	− 23.7	6 17 21.85	− 0.79	+17 37 6.2	+ 8.9
35	B. D.+20°1427	9	22 15.63	− 0.17	− 4.22	341 51 55.35	45.680	− 2.86	− 19.9	6 22 11.24	− 0.81	+20 50 44.3	+ 8.4
36	B. D.+29°1248	9	24 50.62	− 0.21	− 4.22	350 55 54.38	41.960	− 2.86	− 9.7	6 24 46.19	− 0.87	+29 53 28.5	+ 6.8
37	B. D.+24°1303	9	27 39.17	− 0.18	− 4.22	345 7 55.05	45.030	− 2.86	− 16.1	6 27 34.77	− 0.83	+24 6 33.0	+ 7.9
38	γ Geminorum	9	32 22.13	− 0.15	− **4.22**	337 29 52.55	45.845	− 2.86	− 25.2	6 32 17.76	.....	+16 28 40.0	....
39	B. D.+28°1207	9	35 30.76	− 0.20	− 4.22	349 17 55.32	45.832	− 2.86	− 11.4	6 35 26.34	− 0.88	+28 16 56.2	+ 7.4
40	ε Geminorum	9	38 14.23	− 0.18	− **4.21**	346 15 56.22	41.890	− 2.86	− 14.8	6 38 9.83	.....	+25 13 23.7	....
41	B. D.+19°1460	9	39 25.01	− 0.16	− 4.22	340 39 54.22	41.962	− 2.86	− 21.3	6 39 20.63	− 0.83	+19 37 16.8	+ 8.8
42	B. D.+16°1298	9	44 30.44	− 0.15	− 4.22	337 19 55.35	45.205	− 2.86	− 25.4	6 44 26.07	− 0.83	+16 18 28.0	+ 9.3
43	B. D.+21°1426	9	48 49.97	− 0.16	− 4.22	342 17 53.32	45.520	− 2.86	− 19.4	6 48 45.59	− 0.85	+21 16 39.1	+ 8.6
44	B. D.+19°1559	9	53 5.65	− 0.16	− 4.22	340 21 54.65	45.910	− 2.86	− 21.7	6 53 1.27	− 0.85	+19 20 47.1	+ 8.9
45	B. D.+17°1479	9	57 2.73	− 0.15	− 4.22	338 55 51.85	42.085	− 2.86	− 23.4	6 56 58.36	− 0.86	+17 53 15.2	+ 9.2
46	B. D.+26°1453	9	0 22.16	− 0.18	− 4.22	346 59 54.95	42.915	− 2.86	− 14.0	7 0 17.76	− 0.89	+25 57 46.6	+ 8.2
47	B. D.+21°1528	9	4 37.32	− 0.16	− 4.22	342 25 53.58	45.195	− 2.86	− 19.2	7 4 32.94	− 0.87	+21 24 32.2	+ 8.8
48	B. D.+15°1504 (*north*)	9	7 31.85	− 0.14	− 4.22	336 21 52.32	44.312	− 2.86	− 26.6	7 7 27.49	− 0.86	+15 20 3.3	+ 9.5
49	B. D.+22°1620	9	10 1.74	− 0.16	− 4.22	343 9 54.98	42.922	− 2.86	− 18.4	7 9 57.36	− 0.88	+22 7 42.4	+ 8.8
50	B. D.+26°1508	9	11 19.33	− 0.18	− 4.22	347 53 54.38	42.045	− 2.86	− 13.0	7 11 14.93	− 0.90	+26 51 27.1	+ 8.3
51	B. D.+25°1644	9	15 22.68	− 0.18	− 4.22	346 51 55.25	44.920	− 2.86	− 14.2	7 15 18.28	− 0.90	+25 50 32.5	+ 8.4
52	B. D.+18°1593	9	17 42.11	− 0.15	− 4.22	339 27 51.20	47.020	− 2.86	− 22.7	7 17 37.74	− 0.88	+18 27 8.0	+ 9.2
53	B. D.+26°1547	9	19 5.84	− 0.18	− 4.22	347 49 54.88	44.862	− 2.86	− 13.1	7 19 1.44	− 0.91	+26 48 31.9	+ 8.4
54	B. D.+19°1734	9	22 25.76	− 0.15	− 4.22	340 15 55.05	44.025	− 2.86	− 21.8	7 22 21.39	− 0.88	+19 14 4.3	+ 9.2
55	B. D.+17°1596	9	26 28.57	− 0.14	− 4.22	338 17 55.55	46.688	− 2.86	− 24.2	7 26 24.21	− 0.88	+17 17 3.3	+ 9.4
56	υ Geminorum	9	30 13.25	− 0.18	− 4.22	348 7 55.60	43.920	− 2.86	− 12.8	7 30 8.85	− 0.91	+27 6 11.4	+ 8.6
57	B. D.+19°1794	9	35 0.26	− 0.15	− 4.22	340 35 53.35	44.950	− 2.86	− 21.4	7 34 55.89	− 0.89	+19 34 24.1	+ 9.2
58	κ Geminorum	9	38 51.80	− 0.16	− **4.24**	345 37 53.78	47.088	− 2.86	− 15.5	7 38 47.42	.....	+24 37 19.3	....
59	B. D.+23°1812	9	43 1.77	− 0.16	− 4.22	344 23 54.35	44.500	− 2.86	− 17.0	7 42 57.39	− 0.90	+23 22 19.2	+ 9.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 2 35	30.23	39.2	37.1
2 59	.....	....	36.5
3 36	30.26	37.4	35.4
4 25	30.28	36.0	34.2
5 25	30.28	34.8	33.2
5 49	.....	....	32.8
6 18	30.29	33.2	32.4
6 37	.....	....	32.3
7 5	30.30	32.8	32.2
7 31	.....	....	31.9

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at VI, VII.
6, 10, 15. Bisections at b_1, b_3, b_5, b_7, b_9.
19, 23, 53, 59. Bisections at II, VII.
29, 49, 52. Bisections at I, II.

Notes.

9. One microscope reading decreased 10″.
13. Micrometer reading increased 10 rev.
18–53. Images rather poor and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 7.7	+16 16.8	...	+16 24.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	φ Geminorum	9	47 50.08	− 0.17	− **4.20**	348 1 56.70	44.568	− 2.86	− 12.9	7 47 45.69	....	+27 0 27.2	....
2	B. D.+20°2150	9	34 32.43	− 0.15	− 4.22	340 53 57.22	44.305	− 3.12	− 21.1	8 34 28.06	− 0.86	+19 52 13.3	+ 9.4
3	B. D.+20°2171	9	35 8.83	− 0.15	− 4.22	340 53 57.22	45.102	− 3.12	− 21.1	8 35 4.46	− 0.86	+19 52 31.5	+ 9.4
4	γ Cancri	9	37 56.08	− 0.15	− **4.15**	342 49 56.20	44.450	− 3.12	− 18.8	8 37 51.71	....	+21 48 17.9	....
5	δ Cancri	9	39 25.91	− 0.14	− **4.20**	339 31 56.15	43.530	− 3.12	− 22.7	8 39 21.55	....	+18 29 53.0	....
6	B. D.+12°1904	9	41 52.14	− 0.12	− 4.22	333 29 52.62	42.190	− 3.12	− 30.4	8 41 47.80	− 0.86	+12 27 11.1	+ 9.2
7	B. D.+13°2007	9	47 18.94	− 0.13	− 4.22	334 37 52.62	42.180	− 3.12	− 28.9	8 47 14.59	− 0.86	+13 35 12.4	+ 9.2
8	ζ Hydræ	9	50 30.84	− 0.12	− **4.23**	327 19 52.70	44.970	− 3.12	− 39.1	8 50 26.50	....	+ 6 18 6.0	....
9	B. D.+16°1864	9	52 25.49	− 0.14	− 4.22	336 57 55.62	45.118	− 3.12	− 25.9	8 52 21.13	− 0.84	+16 56 25.5	+ 9.3
10	B. D.+17°1990	9	56 32.36	− 0.14	− 4.22	338 27 54.70	46.248	− 3.12	− 24.0	8 56 28.00	− 0.83	+17 26 52.3	+ 9.3
11	B. D.+19°2153	9	0 14.28	− 0.15	− 4.22	340 49 56.92	45.152	− 3.12	− 21.2	9 0 9.91	− 0.82	+19 48 32.3	+ 9.4
12	κ Cancri	8	2 44.60	− 0.12	− **4.18**	332 3 54.78	46.155	− 3.12	− 32.3	9 2 40.26	....	+11 2 42.0	....
13	B. D.+19°2171	9	5 40.22	− 0.14	− 4.22	340 17 53.05	44.385	− 3.12	− 21.8	9 5 35.86	− 0.82	+19 16 10.3	+ 9.4
14	B. D.+10°1956	9	8 24.48	− 0.12	− 4.22	331 43 54.98	43.115	− 3.12	− 32.8	9 8 20.14	− 0.83	+10 41 32.2	+ 8.8
15	B. D.+17°2053	9	12 29.28	− 0.14	− 4.22	338 7 53.12	43.518	− 3.12	− 24.5	9 12 24.92	− 0.81	+17 5 47.8	+ 9.2
16	B. D.+17°2065	9	16 17.37	− 0.14	− 4.22	338 1 54.52	43.465	− 3.12	− 24.6	9 16 13.01	− 0.80	+16 59 47.9	+ 9.2
17	B. D.+11°2035	9	20 3.88	− 0.12	− 4.22	331 51 53.85	42.030	− 3.12	− 32.6	9 19 59.54	− 0.81	+10 49 6.5	+ 8.6
18	B. D.+21°2036	9	24 9.28	− 0.15	− 4.22	342 21 56.10	42.090	− 3.12	− 19.4	9 24 4.91	− 0.77	+21 19 23.3	+ 9.5
19	ξ Leonis	9	26 57.95	− 0.12	− **4.18**	332 43 49.78	46.812	− 3.12	− 31.4	9 26 53.61	....	+11 42 52.9	....
20	B. D.+10°2026	9	30 51.55	− 0.12	− 4.22	331 19 54.08	42.400	− 3.12	− 33.4	9 30 47.21	− 0.79	+10 17 14.4	+ 8.4
21	B. D.+11°2071	9	33 48.09	− 0.12	− 4.21	332 13 51.00	44.690	− 3.12	− 32.1	9 33 43.76	− 0.78	+11 12 4.9	+ 8.4
22	B. D.+20°2366	9	38 11.98	− 0.15	− 4.21	341 39 56.60	41.755	− 3.12	− 20.2	9 38 7.62	− 0.74	+20 37 15.3	+ 9.4
23	B. D.+12°2095	8	42 27.90	− 0.12	− 4.21	333 1 53.55	44.530	− 3.12	− 31.0	9 42 23.57	− 0.76	+12 0 4.9	+ 8.4
24	B. D.+12°2105	9	45 50.98	− 0.12	− 4.21	333 17 54.10	46.315	− 3.12	− 30.7	9 45 46.65	− 0.75	+12 16 46.6	+ 8.4
25	B. D.+ 5°2248	9	49 17.05	− 0.12	− 4.21	326 25 52.58	42.710	− 3.12	− 40.5	9 49 12.72	− 0.78	+ 5 23 12.9	+ 7.4
26	B. D.+15°2141	9	53 10.24	− 0.13	− 4.21	336 41 54.45	44.292	− 3.12	− 26.3	9 53 5.90	− 0.71	+15 40 5.1	+ 8.7
27	B. D.+ 9°2280	8	56 7.05	− 0.12	− 4.21	330 25 54.08	44.678	− 3.12	− 34.6	9 56 2.72	− 0.73	+ 9 24 5.2	+ 7.8
28	B. D.+ 8°2316	9	0 11.63	− 0.12	− 4.21	329 27 53.25	46.410	− 3.12	− 36.0	10 0 7.30	− 0.73	+ 8 26 42.6	+ 7.6
29	B. D.+15°2167	9	2 39.21	− 0.13	− 4.21	336 37 53.50	46.808	− 3.12	− 26.4	10 2 34.87	− 0.68	+15 37 1.5	+ 8.6
30	B. D.+ 8°2327	9	6 2.62	− 0.12	− 4.21	329 11 53.72	42.885	− 3.12	− 36.4	10 5 58.29	− 0.71	+ 8 9 22.1	+ 7.4
31	B. D.+16°2098	9	9 31.06	− 0.13	− 4.21	337 37 53.32	44.532	− 3.12	− 25.1	10 9 26.72	− 0.66	+16 36 10.6	+ 8.6
32	B. D.+13°2237	9	13 26.64	− 0.13	− 4.21	334 7 54.05	42.745	− 3.12	− 29.6	10 13 22.30	− 0.66	+13 5 26.0	+ 8.0
33	B. D.+ 3°2352	8	16 15.80	− 0.11	− 4.21	323 47 53.60	44.105	− 3.12	− 44.7	10 16 11.48	− 0.72	+ 2 45 41.6	+ 6.2
34	B. D.+14°2237	9	18 28.43	− 0.13	− 4.21	335 23 53.88	46.140	− 3.12	− 27.9	10 18 24.09	− 0.64	+14 22 45.1	+ 8.2
35	B. D.+10°2152	9	22 46.14	− 0.12	− 4.21	331 15 53.50	45.540	− 3.12	− 33.5	10 22 41.81	− 0.65	+10 14 25.4	+ 7.4
36	B. D.+ 7°2314	9	25 37.52	− 0.12	− 4.21	328 33 53.38	45.595	− 3.12	− 37.3	10 25 33.19	− 0.66	+ 7 32 22.8	+ 6.8
37	ρ Leonis	9	27 56.78	− 0.12	− **4.22**	330 49 54.10	42.700	− 3.12	− 34.1	10 27 52.45	....	+ 9 47 20.5	....
38	B. D.+10°2176	9	32 20.82	− 0.12	− 4.21	330 53 54.10	43.640	− 3.12	− 34.0	10 32 16.49	− 0.62	+ 9 51 42.1	+ 7.1
39	B. D.+ 7°2345	9	36 49.19	− 0.12	− 4.21	328 33 53.38	43.350	− 3.12	− 37.4	10 36 44.86	− 0.62	+ 7 31 31.4	+ 6.6
40	B. D.+10°2200	9	41 25.27	− 0.12	− 4.21	331 1 55.00	46.250	− 3.12	− 33.8	10 41 20.94	− 0.59	+10 0 42.8	+ 6.9
41	B. D.+ 2°2359	9	44 3.84	− 0.11	− 4.21	322 55 54.35	44.792	− 3.12	− 46.2	10 43 59.52	− 0.64	+ 1 53 56.5	+ 5.2
42	B. D.+ 1°2495	9	47 28.90	− 0.11	− 4.21	322 33 53.85	43.412	− 3.12	− 46.8	10 47 24.58	− 0.63	+ 1 31 23.9	+ 5.0
43	B. D.+ 6°2369	9	51 13.54	− 0.12	− 4.21	327 43 53.52	42.415	− 3.12	− 38.6	10 51 9.21	− 0.57	+ 6 41 8.9	+ 6.0
44	d Leonis	9	55 47.32	− 0.11	− **4.22**	325 9 53.68	42.938	− 3.12	− 42.6	10 55 43.00	....	+ 4 7 17.1	....
	January 24, Hl.												
45	6 B. Ursæ Minoris	9	14 48.11	−14.66	− 4.33	49 13 59.35	42.295	− 2.99	+1 11.3	12 14 29.12	....	+88 13 1.9	....
46	χ Virginis	9	34 28.24	− 0.10	− 4.33	313 33 54.98	44.035	− 3.05	−1 4.5	12 34 23.81	− 0.22	− 7 28 38.4	− 1.3
47	d² Virginis	9	40 56.66	− 0.10	− 4.33	329 13 53.05	42.485	− 3.07	− 36.5	12 40 52.23	− 0.06	+ 8 11 12.2	+ 3.5
48	43 H. Cephei s. p.	9	55 42.89	+ 6.65	− 4.33	55 13 59.15	45.620	− 3.11	+1 28.7	0 55 45.21	....	+85 45 24.8	....
49	23 Canum Venaticorum	9	16 10.67	− 0.25	− 4.33	1 39 56.05	43.972	− 3.17	+ 1.9	13 16 6.09	+ 0.34	+40 38 27.4	+11.4
50	α Virginis	9	20 18.84	− 0.10	− **4.34**	310 21 53.15	45.710	− 3.18	−1 12.3	13 20 14.41	....	−10 40 9.8	....
51	81 Ursæ Majoris	9	30 34.83	− 0.46	− 4.33	16 49 56.05	46.208	− 3.21	+ 18.7	13 30 30.04	+ 0.57	+55 49 35.2	+13.8
52	m Virginis	9	36 44.92	− 0.09	− **4.34**	312 47 53.05	46.855	− 3.23	−1 6.4	13 36 40.50	....	− 8 13 37.9	....
53	i Draconis	9	48 45.52	− 0.74	− 4.33	26 11 55.95	44.278	− 3.26	+ 30.4	13 48 40.45	+ 0.90	+65 11 2.5	+14.4
54	τ Virginis	9	56 55.83	− 0.09	− **4.34**	323 1 54.20	44.950	− 3.29	− 46.3	13 56 51.41	....	+ 1 59 59.7	....
55	α Boötis	9	11 26.41	− 0.12	− **4.35**	340 41 54.58	44.530	− 3.33	− 21.5	14 11 21.96	....	+19 40 15.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 7 49	30.29	32.5	31.8
8 32	30.295	32.4	31.2
8 54	......	.	30.9
9 21	30.295	31.2	30.6
9 47		..	30.2
10 11	30.30	30.8	30.1
10 34			29.8
10 57	30.31	30.1	29.7
12 4	30.315	30.3	28.8
12 28	.	.....	28.3
12 44	. .	....	28.0
13 2	30.325	29.4	27.8
13 27	. . . ..	. .	27.0
13 43	.	.	27.0
14 4	30.345	28.3	26.8

Micrometer bisections are made at II, VI, except as noted below.

2. Bisections at I, II.
3, 23, 27. Bisections at VI, VII.
10, 15, 18, 32, 39. Bisections at II, VII.
40. Bisections at II, VI, VII.
45. Bisections at b_3, b_5, b_7.
48. Bisections at b_4, b_5, b_6.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	f Boötis	9	22 8.96	− 0.12	− **4.38**	340 39 55.18	46.250	− 3.36	− 21.6	14 22 4.51	.....	+19 38 55.0	....
2	56 B. Draconis	9	29 13.49	− 0.58	− 4.33	21 38	......	....	. ....	14 29 8.58	+ 1.15	+60 38	....
3	μ Libræ (*brighter*)	9	44 13.72	− 0.09	− 4.33	307 15 53.38	48.325	− 3.42	−1 20.9	14 44 9.30	+ 0.52	−13 45 18.7	− 6.9
	January 25, Hl.												
4	Sun I, N	9	27 45.08	− 0.06	− 4.37	302 13 52.15	48.828	− 3.28	−1 36.6	20 27 40.65	+69.05	−18 47 23.7	....
5	Sun II, S	9	30 3.17	− 0.06	− 4.37	301 41 54.05	47.655	− 3.28	−1 38.6	20 29 58.74	−69.04	−19 19 51.1	....
	January 28, Bs.												
6	31 Comæ Berenices	9	47 11.48	− 0.12	− **4.07**	349 3 56.30	46.028	− 4.55	− 11.4	12 47 7.24	.....	+28 3 0.0	....
7	δ Virginis	9	50 56.43	− 0.04	− **4.13**	324 55 54.80	46.055	− 4.55	− 41.6	12 50 52.27	.....	+ 3 54 29.0	....
8	14 Canum Venaticorum	9	1 25.04	− 0.18	− 4.12	357 19 55.92	42.910	− 4.55	− 2.7	13 1 20.74	+ 0.08	+36 17 57.0	+11.0
9	17 Canum Venaticorum	7	5 48.49	− 0.20	− 4.12	359 59 56.82	47.420	− 4.55	+ 0.1	13 5 44.17	+ 0.12	+38 59 43.8	+11.5
10	r Centauri	9	11 44.29	− 0.10	− 4.12	290 3 53.18	43.902	− 4.55	−2 41.2	13 11 40.07	− 0.38	−31 0 21.3	− 9.7
11	α Ursæ Minoris s. p.	9	24 42.89	+24.55	− 4.12	52 11 58.38	43.296	− 4.55	+1 16.8	1 25 3.32	.....	+88 48 31.0	....
12	m Virginis	9	36 44.80	− 0.04	− **4.15**	312 47 53.38	46.712	− 4.55	−1 4.2	13 36 40.64	.....	− 8 13 40.0	....
13	i Centauri	9	40 25.04	− 0.11	− 4.12	288 29 53.12	45.715	− 4.55	−2 55.9	13 40 20.81	− 0.20	−32 33 54.6	−11.3
14	89 Virginis	9	44 49.95	− 0.05	− **4.17**	303 23 52.55	42.152	− 4.55	−1 30.1	13 44 45.78	.....	−17 39 50.9	....
15	i Draconis	9	48 45.37	− 0.76	− 4.12	26 11 57.80	44.215	− 4.55	+ 29.4	13 48 40.49	+ 0.64	+65 11 0.6	+14.6
16	47 Hydræ	9	53 18.72	− 0.07	− 4.12	296 31 52.92	46.555	− 4.55	−1 58.6	13 53 14.53	− 0.01	−24 30 38.4	− 9.0
17	τ Virginis	9	56 55.71	− 0.04	− **4.15**	323 1 54.92	44.852	− 4.55	− 44.8	13 56 51.55	.....	+ 1 59 58.4	....
18	94 Virginis	9	1 23.01	− 0.04	− 4.12	312 35 53.90	44.510	− 4.55	−1 4.7	14 1 18.85	.....	− 8 26 30.3	....
19	55 Cassiopeiæ s. p.	8	7 8.08	+ 1.64	− 4.12	74 51 59.38	45.898	− 4.55	+3 38.6	2 7 5.60	.....	+66 5 9.4	....
20	ι Boötis	9	12 54.06	− 0.37	− 4.12	12 45 56.95	52.398	− 4.55	+ 13.7	14 12 49.57	+ 0.65	+51 47 51.2	+12.8
21	ι Cassiopeiæ s. p.	9	21 21.07	+ 1.68	− 4.12	73 57 58.75	47.055	− 4.55	+3 26.3	2 21 18.63	.....	+66 58 55.9	....
22	204 B. Boötis	9	25 58.29	− 0.24	− 4.12	3 13 57.28	45.472	− 4.55	+ 3.4	14 25 53.93	+ 0.63	+42 13 3.0	+10.9
23	56 B. Draconis	9	29 13.37	− 0.58	− 4.12	21 37 57.95	47.535	− 4.55	+ 23.8	14 29 8.67	+ 0.92	+60 38 11.1	+13.6
24	μ Virginis	9	38 10.10	− 0.04	− **4.12**	315 45 53.08	48.392	− 4.55	− 58.0	14 38 5.94	.....	− 5 14 55.7	....
25	μ Libræ (*brighter*)	9	44 13.59	− 0.04	− 4.12	307 17 53.15	42.945	− 4.55	−1 18.3	14 44 9.43	+ 0.40	−13 45 20.4	− 6.2
26	381 G. Centauri	9	50 2.24	− 0.12	− 4.12	287 35 53.05	45.308	− 4.55	−3 6.1	14 49 58.00	+ 0.35	−33 28 14.2	−13.2
27	δ Libræ	9	56 0.56	− 0.04	− 4.12	312 51 55.10	49.300	− 4.55	−1 4.3	14 55 56.40	+ 0.49	− 8 8 39.2	− 4.4
28	ψ Boötis	9	0 28.56	− 0.12	− **4.06**	348 19 56.10	45.442	− 4.55	− 12.3	15 0 24.32	.....	+27 18 45.5	....
29	Mercury C, C	9	44 47.50	− 0.05	− 4.13	298 23 59.78	44.396	− 4.78	−1 48.7	19 44 43.32	− 0.01	−22 39 11.2	....
	January 29, Bs.												
30	Sun I, S	7	44 21.40	− 0.04	− 4.13	302 43 51.72	45.905	− 4.71	−1 31.3	20 44 17.23	+68.64	−18 18 27.0	....
31	Sun II, N	9	46 38.68	− 0.04	− 4.13	303 15 52.92	47.185	− 4.71	−1 29.5	20 46 34.51	−68.64	−17 45 55.3	....
32	δ Ceti	9	34 43.75	− 0.03	− **4.19**	320 57 54.48	43.030	− 4.29	− 47.8	2 34 39.58	.....	− 0 4 46.4	....
33	μ Ceti	8	39 55.56	− 0.03	− **4.20**	330 43 54.55	46.890	− 4.29	− 33.1	2 39 51.39	.....	+ 9 42 56.6	....
34	β Fornacis	9	45 13.27	− 0.12	− 4.14	288 15 53.10	44.488	− 4.29	−2 57.0	2 45 9.01	.....	−32 48 23.5	....
35	β Ursæ Minoris s. p.	9	50 58.00	+ 2.05	− 4.14	66 27 59.30	41.721	− 4.29	+2 15.6	14 50 55.91	.....	+74 32 8.0	....
36	2 H. Urræ Minoris s. p.	9	56 6.29	+ 1.50	− 4.14	74 39 59.88	43.432	− 4.29	+3 34.1	14 56 3.65	+ 1.32	+66 18 9.5	+13.4
37	57 B. Ursæ Minoris s. p.	9	6 56.67	+11.00	− 4.14	53 23 58.35	45.947	− 4.29	+1 20.0	15 7 3.53	.....	+87 35 27.5	....
38	τ^1 Arietis	9	15 52.11	− 0.06	− **4.11**	341 49 54.92	45.028	− 4.29	− 19.4	3 15 47.91	.....	+20 48 28.1	....
39	γ^2 Ursæ Minoris s. p.	9	20 52.27	+ 1.83	− 4.14	68 47 58.32	46.928	− 4.29	+2 32.8	15 20 49.96	.....	+72 9 52.5	....
40	f Tauri	9	25 45.12	− 0.04	− **4.12**	333 37 53.18	46.365	− 4.29	− 29.4	3 25 40.94	.....	+12 36 46.9	....
41	149 H^1. Cephei	9	36 13.22	− 6.61	− 4.14	47 21 58.95	43.506	− 4.29	+1 4.7	3 36 2.47	− 8.37	+86 21 21.1	−11.4
42	9 H. Camelopardalis	9	49 12.41	− 0.50	− 4.14	21 49 56.75	47.578	− 4.29	+ 24.0	3 49 7.77	.....	+60 50 11.3	....
43	γ Eridani	9	53 42.92	− 0.04	− **4.13**	307 15 53.32	44.315	− 4.29	−1 18.1	3 53 38.74	.....	−13 46 48.4	....
44	A Tauri	9	59 12.59	− 0.06	− **4.09**	342 51 55.02	42.378	− 4.29	− 18.3	3 59 8.39	.....	+21 49 28.7	....
45	151 H^1. Cephei	9	7 5.67	− 5.05	− 4.14	46 17 57.62	46.984	− 4.29	+1 2.5	4 6 56.48	.....	+85 18 37.2	....
46	54 Persei	9	14 23.02	− 0.13	− 4.14	355 21 56.50	44.182	− 4.29	− 4.8	4 14 18.75	− 0.43	+34 20 24.9	+ 1.8
	January 29, Ei.-Y.												
47	β Orionis	9	10 6.01	− 0.01	− **4.23**	312 43 53.45	43.725	− 4.07	−1 4.6	5 10 1.73	.....	− 8 18 48.1	....
48	τ Orionis	9	13 7.35	− 0.01	− **4.26**	314 5 53.58	43.208	− 4.07	−1 1.6	5 13 3.07	.....	− 6 56 56.8	....
49	B. D.+21°847	9	22 4.25	− 0.05	− 4.27	342 53 55.20	42.018	− 4.07	− 18.4	5 21 59.93	− 0.61	+21 51 20.8	+ 7.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 14 18	......	....	26.8
14 34	......	....	26.0
15 0	30.345	27.3	25.9
25 20 30	30.39	33.4	31.0
28 12 47	29.765	36.1	35.5
13 11	......	....	35.1
13 49	29.80	34.7	34.3
14 13	......	....	34.0
15 0	29.84	32.8	33.0
19 45	29.975	41.7	41.5
29 20 47	29.97	42.7	42.3
2 35	29.99	39.7	41.7
2 56	......	....	39.8
3 36	29.985	39.8	38.2
3 59	......	....	37.1
4 44	29.975	37.4	36.1
5 8	29.980	37.0	35.7

Micrometer bisections are made at II, VI, except as noted below.

4, 30.	Bisections at I, II.
5, 31.	Bisections at VI, VII.
11, 35, 37, 41, 45.	Bisections at b_1, b_3, b_5, b_7, b_9.
29.	Bisections at I, II, VI, VII.
39.	Bisections at II, IV, VI.

Notes.

3, 25. Assumed that brighter was observed.
24. Degrees and minutes of circle reading assumed.
27. Circle reading decreased 2′.
40. Micrometer reading increased 10 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 7.5	−16 13.6	...	−16 6.1
5	+ 7.6	+16 13.7	...	+16 21.3
29	+ 5.8	.. ....	− 0.1	+ 5.7
30	+ 7.5	+16 15.8	...	+16 23.3
31	+ 7.4	−16 15.8	...	−16 8.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+18°862	9	23 54.13	− 0.04	− 4.27	339 19 55.05	42.018	− 4.07	− 22.5	5 23 49.82	− 0.60	+18 17 16.5	+ 8.0
2	B. D.+18°877	9	28 5.99	− 0.04	− 4.27	339 29 54.98	44.750	− 4.07	− 22.3	5 28 1.68	− 0.62	+18 28 19.1	+ 8.0
3	B. D.+26°870 (*mean*)	9	31 21.58	− 0.07	− 4.27	347 53 54.92	43.268	− 4.07	− 12.8	5 31 17.24	− 0.68	+26 51 54.6	+ 5.9
4	B. D.+19°1014	9	35 42.17	− 0.04	− 4.27	341 1 53.98	45.745	− 4.07	− 20.5	5 35 37.86	− 0.65	+20 0 42.6	+ 7.7
5	B. D.+23°1015	9	37 42.00	− 0.05	− 4.27	344 11 55.10	42.442	− 4.07	− 16.9	5 37 37.68	− 0.67	+23 9 31.9	+ 7.0
6	B. D.+22°1031	9	41 39.36	− 0.05	− 4.27	343 31 55.05	42.525	− 4.07	− 17.7	5 41 35.04	− 0.68	+22 29 32.9	+ 7.2
7	B. D.+19°1089	9	44 41.01	− 0.04	− 4.27	340 9 54.50	44.272	− 4.07	− 21.5	5 44 36.70	− 0.68	+19 8 8.5	+ 8.1
8	B. D.+25°1020	9	47 47.82	− 0.06	− 4.27	346 3 56.08	46.295	− 4.07	− 14.8	5 47 43.49	− 0.72	+25 3 3.0	+ 6.7
9	α Orionis	9	50 9.94	− 0.01	− **4.25**	328 25 52.78	42.650	− 4.07	− 36.7	5 50 5.66	....	+ 7 23 14.6	....
10	139 Tauri	9	52 14.75	− 0.07	− 4.27	346 57 55.35	44.818	− 4.07	− 13.8	5 52 10.41	− 0.74	+25 56 29.5	+ 6.6
11	B. D.+22°1140	9	56 6.15	− 0.05	− 4.27	343 25 55.60	43.275	− 4.07	− 17.8	5 56 1.83	− 0.72	+22 23 50.5	+ 7.4
12	B. D.+24°1086	9	59 28.70	− 0.06	− 4.27	345 21 54.65	46.045	− 4.07	− 15.6	5 59 24.37	− 0.74	+24 20 55.0	+ 7.1
13	B. D.+27°994	9	2 9.93	− 0.07	− 4.27	348 27 54.70	44.660	− 4.07	− 12.2	6 2 5.59	− 0.77	+27 26 26.8	+ 6.4
14	B. D.+18°1112	9	5 36.81	− 0.04	− 4.27	339 9 53.82	46.200	− 4.07	− 22.7	6 5 32.50	− 0.73	+18 8 50.6	+ 8.5
15	B. D.+16°1035	9	6 43.13	− 0.03	− 4.27	337 9 53.88	46.730	− 4.07	− 25.2	6 6 38.83	− 0.73	+16 9 0.3	+ 9.0
16	B. D.+27°1036	.	.. ..	....	....	348 55 55.45	41.958	− 4.07	− 11.7	6 10	....	+27 53 26.3	+ 6.5
17	B. D.+23°1293	9	13 15.84	− 0.06	− 4.27	344 39 54.08	44.525	− 4.07	− 16.4	6 13 11.51	− 0.78	+23 38 18.9	+ 7.5
18	B. D.+21°1203	9	15 42.28	− 0.04	− 4.27	342 11 54.45	44.740	− 4.07	− 19.2	6 15 37.97	− 0.77	+21 10 21.4	+ 8.0
19	B. D.+25°1255	9	19 1.46	− 0.06	− 4.27	346 7 55.32	43.115	− 4.07	− 14.8	6 18 57.13	− 0.80	+25 5 49.5	+ 7.3
20	B. D.+23°1362	9	22 20.16	− 0.06	− 4.27	344 45 54.90	42.295	− 4.07	− 16.3	6 22 15.83	− 0.80	+23 43 28.9	+ 7.6
21	B. D.+17°1275	9	25 48.22	− 0.03	− 4.27	338 1 53.98	44.442	− 4.07	− 24.1	6 25 43.92	− 0.78	+17 0 9.2	+ 9.0
22	B. D.+23°1425	9	31 5.57	− 0.05	− 4.27	344 11 55.10	44.738	− 4.07	− 16.9	6 31 1.25	− 0.82	+23 10 24.3	+ 7.9
23	B. D.+29°1293	9	32 30.61	− 0.08	− 4.27	350 5 54.75	42.948	− 4.07	− 10.4	6 32 26.26	− 0.86	+29 3 49.5	+ 6.8
24	B. D.+27°1194	9	35 55.68	− 0.07	− 4.27	348 11 55.00	43.738	− 4.07	− 12.5	6 35 51.34	− 0.85	+27 10 5.8	+ 7.2
25	ε Geminorum	9	38 14.17	− 0.06	− **4.28**	346 15 55.75	41.935	− 4.07	− 14.6	6 38 9.84	....	+25 13 23.2	....
26	B. D.+23°1491	9	40 33.32	− 0.06	− 4.27	344 29 54.40	43.720	− 4.07	− 16.6	6 40 28.99	− 0.84	+23 28 0.7	+ 8.0
27	B. D.+17°1409	9	44 43.43	− 0.03	− 4.27	338 43 54.10	43.325	− 4.07	− 23.3	6 44 39.13	− 0.83	+17 41 44.6	+ 9.0
28	B. D.+24°1451	9	49 4.10	− 0.06	− 4.27	345 23 55.00	43.180	− 4.07	− 15.6	6 48 59.77	− 0.86	+24 21 49.9	+ 7.9
29	B. D.+26°1411	9	53 44.93	− 0.07	− 4.27	347 3 54.88	44.730	− 4.07	− 13.7	6 53 40.59	− 0.88	+26 2 27.1	+ 7.7
30	B. D.+16°1363	9	57 13.11	− 0.03	− 4.27	337 49 53.35	45.282	− 4.07	− 24.4	6 57 8.81	− 0.85	+16 48 27.5	+ 9.2
31	ζ Geminorum	9	58 37.25	− 0.04	− **4.24**	341 43 54.12	44.880	− 4.07	− 19.8	6 58 32.94	....	+20 42 23.7	....
32	B. D.+28°1314	9	1 36.47	− 0.08	− 4.27	349 19 54.75	46.658	− 4.07	− 11.2	7 1 32.12	− 0.90	+28 19 13.5	+ 7.5
33	B. D.+30°1439	9	5 14.76	− 0.09	− 4.27	351 25 55.20	43.062	− 4.07	− 9.0	7 5 10.40	− 0.92	+30 23 54.0	+ 7.3
34	51 Geminorum	9	8 3.62	− 0.03	− 4.27	337 21 53.18	41.478	− 4.07	− 25.0	7 7 59.32	....	+16 18 59.8	....
35	B. D.+28°1350	9	10 10.23	− 0.08	− 4.27	349 5 55.98	42.315	− 4.07	− 11.5	7 10 5.88	− 0.91	+28 3 35.2	+ 7.7
36	B. D.+20°1775	9	16 29.32	− 0.04	− 4.27	341 39 54.25	41.675	− 4.07	− 19.9	7 16 25.01	− 0.89	+20 37 10.5	+ 8.8
37	ι Geminorum	9	19 58.69	− 0.08	− **4.27**	348 59 55.72	46.105	− 4.07	− 11.6	7 19 54.34	....	+27 59 1.5	....
38	B. D.+28°1400	9	24 3.30	− 0.08	− 4.27	349 7 55.38	44.798	− 4.07	− 11.5	7 23 58.95	− 0.93	+28 6 31.4	+ 8.0
39	B. D.+21°1630	9	27 5.16	− 0.05	− 4.27	342 37 53.98	44.840	− 4.07	− 18.7	7 27 0.84	− 0.90	+21 36 23.8	+ 8.8
40	B. D.+19°1784	9	32 7.24	− 0.04	− 4.27	340 9 54.42	43.135	− 4.07	− 21.6	7 32 2.93	− 0.90	+19 7 42.3	+ 9.1
41	B. D.+26°1625	9	35 38.23	− 0.07	− 4.27	347 7 54.98	44.378	− 4.07	− 13.7	7 35 33.89	− 0.93	+26 6 19.2	+ 8.4
42	κ Geminorum	9	38 51.74	− 0.06	− **4.26**	345 37 54.15	47.115	− 4.07	− 15.3	7 38 47.41	....	+24 37 19.3	....
43	B. D.+20°2159	9	34 52.44	− 0.05	− 4.27	341 19 54.50	44.060	− 4.22	− 20.3	8 34 48.12	− 0.91	+20 18 4.6	+ 9.3
44	B. D.+20°2178	9	35 55.21	− 0.05	− 4.27	341 49 54.92	45.170	− 4.22	− 19.7	8 35 50.89	− 0.91	+20 48 31.0	+ 9.3
45	B. D.+17°2007	9	1 4.71	− 0.04	− 4.27	338 31 53.15	42.010	− 4.22	− 23.6	9 1 0.40	− 0.88	+17 29 13.2	+ 9.3
46	κ Cancri	9	2 44.61	− 0.02	− **4.23**	332 3 53.88	46.195	− 4.22	− 31.8	9 2 40.32	....	+11 2 41.4	....
47	θ Hydræ	9	9 33.72	− 0.01	− **4.25**	323 43 53.30	46.375	− 4.22	− 44.0	9 9 29.44	....	+ 2 42 32.7	....
48	B. D.+23°2072	9	12 26.54	− 0.06	− 4.27	344 29 54.08	44.328	− 4.22	− 16.6	9 12 22.21	− 0.87	+23 28 14.1	+ 9.5
49	B. D.+13°2074	9	16 15.82	− 0.03	− 4.27	334 31 54.18	45.868	− 4.22	− 28.6	9 16 11.52	− 0.87	+13 30 37.4	+ 9.1
50	B. D.+20°2318	9	19 33.15	− 0.05	− 4.27	341 13 53.65	42.538	− 4.22	− 20.4	9 19 28.83	− 0.86	+20 11 29.0	+ 9.4
51	B. D.+19°2218	9	23 49.14	− 0.05	− 4.27	340 43 54.62	43.198	− 4.22	− 21.0	9 23 44.82	− 0.85	+19 41 44.4	+ 9.3
52	B. D.+16°1984	9	26 33.43	− 0.03	− 4.27	337 11 53.78	46.522	− 4.22	− 25.2	9 26 29.13	− 0.85	+16 10 55.3	+ 9.1
53	B. D.+20°2340	9	30 50.69	− 0.05	− 4.27	341 29 54.72	43.272	− 4.22	− 20.1	9 30 46.37	− 0.84	+20 27 47.1	+ 9.4
54	B. D.+20°2351	9	33 43.45	− 0.05	− 4.27	341 45 53.70	41.680	− 4.22	− 19.8	9 33 39.13	− 0.83	+20 43 10.0	+ 9.4
55	B. D.+17°2120	9	37 12.73	− 0.04	− 4.27	338 31 53.98	45.305	− 4.22	− 23.6	9 37 8.42	− 0.83	+17 30 29.3	+ 9.1
56	B. D.+ 9°2239	9	42 22.49	− 0.02	− 4.27	330 1 53.42	45.205	− 4.22	− 34.6	9 42 18.20	− 0.85	+ 9 0 15.5	+ 8.4
57	B. D.+19°2270	9	45 45.07	− 0.05	− 4.27	340 47 53.20	43.012	− 4.22	− 20.9	9 45 40.75	− 0.80	+19 45 38.8	+ 9.2
58	B. D.+ 8°2285	9	49 13.24	− 0.02	− 4.27	329 33 53.38	41.930	− 4.22	− 35.3	9 49 8.95	− 0.84	+ 8 30 59.9	+ 8.2
59	B. D.+14°2170	9	52 53.16	− 0.03	− 4.27	335 5 53.58	42.035	− 4.22	− 27.9	9 52 48.86	− 0.80	+14 3 9.9	+ 8.7
60	B. D.+18°2303	9	55 38.02	− 0.04	− 4.27	339 1 53.88	46.392	− 4.22	− 23.0	9 55 33.71	− 0.78	+18 0 54.7	+ 9.1
61	B. D.+ 5°2280	9	59 58.23	− 0.01	− 4.27	326 29 52.15	43.470	− 4.22	− 39.8	9 59 53.95	− 0.83	+ 5 27 29.4	+ 7.6
62	η Leonis	9	2 17.67	− 0.04	− **4.34**	338 13 54.25	47.075	− 4.22	− 24.0	10 2 13.36	....	+17 13 9.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 5 33	......	....	35.2
5 57	29.98	36.5	34.9
6 27	......	....	34.5
6 50	29.98	35.9	34.1
7 18	......	....	33.8
7 40	29.975	34.9	33.3
8 32	29.96	34.3	33.0
8 59	......	....	32.8
9 13	29.955	33.9	32.5
9 39	......	....	32.2
10 4	29.95	33.5	31.8

Micrometer bisections are made at II, VI, except as noted below.

14, 22, 43. Bisections at I, II.
17, 19, 25, 27, 34, 55, 56. Bisections at II, VII.
29, 44. Bisections at VI, VII.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+15°2171........	9	5 57.31	− 0.03	− 4.27	335 57 54.05	45.805	− 4.22	− 26.8	10 5 53.01	− 0.77	+14 56 37.6	+ 8.6
2	B. D.+11°2190........	9	8 55.29	− 0.02	− 4.27	332 19 52.52	45.340	− 4.22	− 31.5	10 8 51.00	− 0.78	+11 18 20.8	+ 8.2
3	B. D.+ 7°2266........	9	10 51.86	− 0.02	− 4.27	328 25 52.58	43.395	− 4.22	− 37.0	10 10 47.57	− 0.79	+ 7 23 30.9	+ 7.6
4	B. D.+ 8°2336........	9	12 3.53	− 0.02	− 4.27	329 43 52.72	46.612	− 4.22	− 35.1	10 11 59.24	− 0.78	+ 8 42 46.5	+ 7.7
5	B. D.+ 8°2348........	9	15 27.88	− 0.02	− 4.27	329 11 52.58	43.542	− 4.22	− 35.8	10 15 23.59	− 0.78	+ 8 9 35.5	+ 7.6
6	B. D.+ 9°2344........	9	17 21.86	− 0.02	− 4.27	330 27 54.02	45.038	− 4.22	− 34.1	10 17 17.57	− 0.76	+ 9 26 12.8	+ 7.7
7	B. D.+13°2252........	9	20 3.13	− 0.02	− 4.27	334 13 52.95	45.100	− 4.22	− 29.0	10 19 58.84	− 0.74	+13 12 18.2	+ 8.2
8	B. D.+ 7°2306........	9	22 35.47	− 0.02	− 4.27	328 43 53.28	43.658	− 4.22	− 36.5	10 22 31.18	− 0.76	+ 7 41 38.1	+ 7.4
9	B. D.+ 3°2371........	9	24 12.19	− 0.01	− 4.27	324 9 53.32	43.935	− 4.22	− 43.4	10 24 7.91	− 0.79	+ 3 7 37.6	+ 6.6
10	B. D.+13°2271........	9	27 22.37	− 0.03	− 4.27	334 25 53.35	44.375	− 4.22	− 28.8	10 27 18.07	− 0.72	+13 24 2.2	+ 8.1
11	B. D.+11°2252........	9	31 49.16	− 0.02	− 4.27	332 31 53.65	45.885	− 4.22	− 31.2	10 31 44.87	− 0.71	+11 30 34.7	+ 7.8
12	B. D.+12°2242........	9	35 44.01	− 0.02	− 4.27	333 35 53.35	44.405	− 4.22	− 29.8	10 35 39.72	− 0.69	+12 34 1.9	+ 7.9
13	34 Sextantis.............	9	37 51.30	− 0.01	− **4.25**	325 5 53.68	45.820	− 4.22	− 41.9	10 37 47.02	.....	+ 4 4 22.5	....
14	B. D.+ 3°2408........	9	40 23.87	− 0.01	− 4.27	323 59 53.68	47.192	− 4.22	− 43.7	10 40 19.59	− 0.74	+ 2 58 52.1	+ 6.1
15	B. D.+ 7°2358........	9	42 30.88	− 0.01	− 4.27	327 51 52.50	45.870	− 4.22	− 37.8	10 42 26.60	− 0.71	+ 6 50 26.6	+ 6.8
16	*l* Leonis................	9	44 23.99	− 0.02	− **4.22**	332 3 54.20	45.602	− 4.22	− 31.9	10 44 19.70	.....	+11 2 28.1	....
	January 29, Br.												
17	x^2 Centauri................	9	20 29.75	− 0.08	− 4.39	286 23 52.02	47.188	− 4.30	−3 21.6	12 20 25.28	− 0.84	−34 39 47.5	− 8.1
18	δ Corvi....................	9	25 4.92	− 0.01	− **4.43**	305 3 51.65	42.932	− 4.30	−1 25.6	12 25 0.52	.....	−15 59 29.2	....
19	319 B. Cephei s. p.	8	32 37.66	+ 4.11	− 4.39	58 59 56.12	47.247	− 4.30	+1 40.4	0 32 37.38	+ 1.68	+81 58 40.0	−13.2
20	330 G. Hydræ...............	9	39 4.86	− 0.04	− 4.39	293 13 52.42	48.192	− 4.30	−2 19.2	12 39 0.43	− 0.58	−27 48 21.8	− 7.0
21	35 Virginis................	9	43 8.87	− 0.01	− **4.41**	325 7 52.25	42.572	− 4.30	− 41.9	12 43 4.47	.....	+ 4 5 6.8	....
22	31 Comæ Berenices	9	47 11.84	− 0.10	− **4.42**	349 5 54.88	40.798	− 4.30	− 11.6	12 47 7.35	.....	+28 2 59.1	....
23	12 Canum Venaticorum...	9	51 42.62	− 0.19	− 4.39	359 49 54.32	46.615	− 4.30	− 0.1	12 51 38.04	.....	+38 49 22.9	....
24	Groombridge 2006......	7	3 59.66	−15.48	− 4.39	49 9 56.45	42.642	− 4.30	+1 9.8	13 3 39.79	− 1.33	+88 9 3.9	+14.5
25	19 Canum Venaticorum...	9	11 23.01	− 0.21	− 4.39	2 21 54.58	45.312	− 4.30	+ 2.6	13 11 18.41	+ 0.12	+41 20 56.2	+11.9
26	23 Canum Venaticorum...	9	16 10.78	− 0.20	− 4.39	1 39 54.35	44.140	− 4.30	+ 1.8	13 16 6.19	+ 0.15	+40 38 28.4	+11.7
27	α Virginis................	9	20 18.93	0.00	− **4.38**	310 21 51.30	45.690	− 4.30	−1 10.8	13 20 14.54	.....	−10 40 11.8	....
28	73 Virginis................	9	27 3.14	− 0.02	− 4.39	302 47 51.02	45.700	− 4.30	−1 33.2	13 26 58.73	− 0.16	−18 14 34.2	− 5.8
29	*m* Virginis................	9	36 45.06	0.00	− **4.42**	312 47 52.32	46.760	− 4.30	−1 4.9	13 36 40.67	.....	− 8 13 40.4	....
30	89 Virginis................	9	44 50.19	− 0.01	− **4.42**	303 23 51.60	42.175	− 4.30	−1 31.2	13 44 45.79	.....	−17 39 52.1	....
31	*h* Centauri................	8	47 52.34	− 0.06	− 4.39	289 35 51.88	46.130	− 4.30	−2 47.4	13 47 47.89	− 0.16	−31 27 37.6	−11.0
32	92 Virginis................	9	51 44.80	− 0.01	− 4.39	322 31 52.62	46.670	− 4.30	− 46.1	13 51 40.40	+ 0.14	+ 1 30 36.6	+ 0.3
33	τ Virginis................	9	56 55.94	− 0.01	− **4.37**	323 1 52.02	44.942	− 4.30	− 45.3	13 56 51.54	.....	+ 1 59 57.3	....
34	9 H. Boötis................	9	4 14.51	− 0.25	− 4.39	5 19 54.70	42.505	− 4.30	+ 5.7	14 4 9.87	+ 0.47	+44 17 55.3	+11.8
35	λ Virginis................	9	14 5.54	0.00	− **4.43**	308 5 52.42	45.835	− 4.30	−1 16.7	14 14 1.15	.....	−12 56 13.2	....
36	3 G. Libræ...............	9	19 31.01	− 0.03	− 4.39	296 39 49.95	46.702	− 4.30	−1 59.3	14 19 26.59	+ 0.14	−24 22 38.4	− 9.4
37	φ Virginis................	9	23 25.56	0.00	− 4.39	319 13 52.48	44.338	− 4.30	− 51.9	14 23 21.17	+ 0.30	− 1 48 22.6	− 1.5
38	γ Boötis...................	9	28 21.65	− 0.18	− 4.39	359 43 53.72	45.652	− 4.30	− 0.2	14 28 17.08	.....	+38 43 0.2	....
39	142 H^1. Cephei s. p.	9	34 13.71	+ 3.72	− 4.39	59 55 56.42	45.607	− 4.30	+1 44.2	2 34 13.04	− 1.67	+81 3 13.4	−12.5
40	ε Boötis...................	9	40 56.86	− 0.10	− **4.38**	348 29 53.82	43.832	− 4.30	− 12.2	14 40 52.37	.....	+27 28 6.8	....
41	8 Libræ...................	9	45 33.22	− 0.01	− **4.44**	305 25 51.55	45.982	− 4.30	−1 24.4	14 45 28.82	.....	−15 36 18.4	....
	January 30, Br.												
42	Sun I, S..............	9	48 28.69	− 0.03	− 4.38	302 59 52.25	46.318	− 4.35	−1 29.5	20 48 24.28	+68.57	−18 2 14.9	....
43	Sun II, N..............	9	50 45.83	− 0.03	− 4.38	303 31 52.80	47.608	− 4.35	−1 27.7	20 50 41.42	−68.57	−17 29 43.6	....
44	Moon I, S..............	9	29 55.33	− 0.05	− 4.37	324 45 53.98	45.792	− 3.34	− 40.7	1 29 50.91	+61.57	+ 3 44 24.3	....
45	128 H^1. Ceti..............	9	30 59.69	− 0.05	− 4.37	327 27 53.42	45.005	− 3.52	− 36.9	2 30 55.27	.....	+ 6 26 9.3	....
46	δ Ceti.....................	9	34 43.93	− 0.05	− **4.36**	320 57 53.12	42.990	− 3.53	− 47.0	2 34 39.51	.....	− 0 4 47.1	....
47	γ Ceti.....................	9	38 29.92	− 0.05	− **4.41**	323 51 54.20	45.408	− 3.55	− 42.3	2 38 25.50	.....	+ 2 50 13.9	....
48	β Fornacis..............	9	45 13.56	− 0.15	− 4.37	288 15 53.28	44.280	− 3.58	−2 53.6	2 45 9.04	.....	−32 48 23.9	....
49	β Ursæ Minoris s. p.	9	50 59.02	+ 2.00	− 4.37	66 27 58.88	41.905	− 3.61	+2 12.9	14 50 56.65	.....	+74 32 6.2	....
50	α Ceti.....................	9	57 26.17	− 0.05	− **4.40**	324 45 54.55	42.405	− 3.64	− 40.9	2 57 21.75	.....	+ 3 43 6.9	....
51	12 Eridani.................	9	8 8.98	− 0.13	− 4.37	291 41 54.02	44.568	− 3.69	−2 24.6	3 8 4.48	.....	−29 21 47.8	....
52	α Persei...................	9	17 41.43	− 0.28	− 4.37	10 31 56.78	46.945	− 3.73	+ 10.9	3 17 36.78	.....	+49 31 44.6	....
53	ξ Tauri....................	9	22 8.83	− 0.05	− **4.35**	330 25 53.80	44.930	− 3.76	− 32.9	3 22 4.41	.....	+ 9 24 11.8	....
54	ε Eridani..................	9	28 34.48	− 0.06	− **4.37**	311 15 53.85	43.715	− 3.79	−1 6.1	3 28 30.05	.....	− 9 46 49.1	....
55	δ Persei...................	9	36 18.74	− 0.26	− 4.37	8 29 56.10	45.998	− 3.83	+ 8.8	3 36 14.11	.....	+47 29 20.1	....
56	τ^6 Eridani..................	9	42 52.79	− 0.10	− 4.37	297 31 52.80	42.745	− 3.85	−1 51.1	3 42 48.32	.....	−23 31 57.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 10 26	......	....	31.8
10 45	29.95	33.2	31.9
12 16	29.94	32.8	31.2
12 57	29.94	32.8	31.2
13 24	......	....	31.1
14 5	29.93	32.2	31.1
14 52	29.935	32.3	31.2
30 20 51	29.91	45.6	46.2
1 32	29.82	50.3	50.0
2 25	29.82	49.0	48.0
2 43	......	....	47.5
3 9	......	....	47.1
3 31	29.815	47.0	46.2

Micrometer bisections are made at II, VI, except as noted below.

2, 3, 17, 20, 21, 30, 31, 36, 42, 45, 46, 48.	Bisections at I, II.
10, 12, 14.	Bisections at II, VII.
19, 39, 49.	Bisections at III, IV, V.
23, 43.	Bisections at VI, VII.
24.	Bisctions at b_2, b_5, b_8.
25, 26, 34, 52, 55.	Bisections at III, V.
44.	Bisections at II, III, IV, V, VI.

Notes.

17–41.	Unsteady.
21, 28, 32, 36.	Faint.
31, 39.	Woolly.
34.	Degrees and minutes of circle reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
42	+ 7.5	+16 15.6	...	+16 23.1
43	+ 7.4	−16 15.6	...	−16 8.2
44	+31 10.9	+14 51.8	...	+46 2.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	9 H. Camelopardalis.....	9	49 12.65	− 0.50	− 4.37	21 51 56.88	42.350	− 3.88	+ 23.4	3 49 7.78	....	+60 50 12.0	....
2	τ^9 Eridani..............	9	55 59.67	− 0.10	− 4.37	296 45 52.75	44.660	− 3.92	−1 54.8	3 55 55.20	− 0.13	−24 17 17.4	+19.8
3	*A* Tauri................	9	59 12.87	− 0.08	− **4.36**	302 51 54.88	42.312	− 3.93	− 17.9	3 59 8.42	....	+21 49 27.8	....
4	43 Tauri................	9	3 45.96	− 0.07	− 4.37	340 23 54.68	42.768	− 3.95	− 20.7	4 3 41.52	....	+19 21 35.2	....
5	μ Persei................	9	8 4.76	− 0.27	− 4.37	9 11 56.75	43.348	− 3.97	+ 9.5	4 8 0.12	− 0.58	+48 10 20.7	− 2.5
6	19 Ursæ Minoris s. p.	9	13 28.82	+ 2.18	− 4.37	64 51 58.65	46.152	− 4.00	+2 4.0	16 13 26.63	....	+76 6 38.7	....
7	η Ursæ Minoris s. p.	9	20 13.73	+ 2.16	− 4.37	64 59 58.15	47.528	− 4.04	+2 4.9	16 20 11.52	....	+75 58 6.9	....
8	*m* Persei................	9	26 53.12	− 0.21	− 4.37	3 53 56.65	42.375	− 4.07	+ 4.0	4 26 48.54	....	+42 51 52.8	....
9	μ Eridani................	9	40 52.89	− 0.05	− **4.34**	317 35 54.90	45.770	− 4.13	− 53.1	4 40 48.47	....	− 3 25 48.5	....
	January 30, Ei.-Y.												
10	ν Orionis................	9	2 17.35	− 0.07	− **4.23**	335 47 55.08	45.848	− 3.85	− 26.2	6 2 13.03	....	+14 46 40.6	....
11	B. D.+27°1036........	9	10 4.68	− 0.12	− 4.25	348 55 56.28	41.892	− 3.85	− 11.4	6 10 0.31	− 0.79	+27 53 26.2	+ 6.5
12	γ Geminorum............	9	32 22.07	− 0.07	− **4.25**	337 29 54.52	45.768	− 3.85	− 24.2	6 32 17.75	....	+16 28 40.2	....
13	*S* Monocerotis...........	9	35 53.24	− 0.06	− **4.28**	330 59 54.38	46.570	− 3.85	− 32.4	6 35 48.93	....	+ 9 58 50.2	....
14	B. D.+20°1549........	9	38 59.65	− 0.08	− 4.25	341 49 55.82	41.535	− 3.85	− 19.2	6 38 55.32	− 0.82	+20 47 9.8	+ 8.4
15	B. D.+27°1236........	9	43 23.23	− 0.11	− 4.25	348 19 56.05	42.625	− 3.85	− 12.1	6 43 18.87	− 0.86	+27 17 42.0	+ 7.3
16	B. D.+20°1598........	9	46 21.63	− 0.08	− 4.25	341 27 54.68	45.640	− 3.85	− 19.6	6 46 17.30	− 0.84	+20 26 42.0	+ 8.6
17	B. D.+22°1531........	9	52 37.16	− 0.08	− 4.25	343 37 55.18	43.162	− 3.85	− 17.2	6 52 32.83	− 0.86	+22 35 48.3	+ 8.3
18	B. D.+21°1471........	9	56 33.20	− 0.09	− 4.25	342 57 55.68	43.172	− 3.85	− 17.9	6 56 28.86	− 0.86	+21 55 48.3	+ 8.4
19	ζ Geminorum............	9	58 37.33	− 0.08	− **4.28**	341 43 54.58	44.825	− 3.85	− 19.3	6 58 33.00	....	+20 42 23.6	....
20	B. D.+19°1623........	9	3 42.21	− 0.08	− 4.25	340 43 55.65	42.968	− 3.85	− 20.4	7 3 37.88	− 0.86	+19 41 41.1	+ 8.9
21	B. D.+27°1327........	9	5 38.63	− 0.11	− 4.25	348 1 55.62	45.015	− 3.85	− 12.4	7 5 34.27	− 0.90	+27 0 35.8	+ 7.8
22	B. D.+24°1558........	9	6 49.04	− 0.10	− 4.25	345 17 55.50	46.382	− 3.85	− 15.3	7 6 44.69	− 0.89	+24 17 4.1	+ 8.2
23	B. D.+23°1647........	9	9 17.73	− 0.09	− 4.25	344 17 55.55	44.312	− 3.85	− 16.4	7 9 13.39	− 0.89	+23 16 15.8	+ 8.4
24	λ Geminorum............	9	12 46.76	− 0.07	− **4.28**	337 43 53.90	45.332	− 3.85	− 23.9	7 12 42.44	....	+16 42 29.9	....
25	δ Geminorum............	9	14 35.88	− 0.09	− **4.24**	343 9 55.72	46.955	− 3.85	− 17.7	7 14 31.54	....	+22 9 15.0	....
26	B. D.+23°1698........	9	17 54.55	− 0.09	− 4.25	344 9 55.55	42.305	− 3.85	− 16.6	7 17 50.21	− 0.90	+23 7 29.7	+ 8.5
27	B. D.+21°1602........	9	22 14.91	− 0.09	− 4.25	342 39 55.18	44.152	− 3.85	− 18.2	7 22 10.57	− 0.90	+21 38 9.9	+ 8.8
28	B. D.+20°1822........	9	24 57.20	− 0.08	− 4.25	341 1 55.08	45.448	− 3.85	− 20.1	7 24 52.87	− 0.90	+20 0 37.5	+ 9.0
29	B. D.+15°1598........	9	28 8.42	− 0.07	− 4.25	336 51 53.95	44.955	− 3.85	− 25.0	7 28 4.10	− 0.89	+15 50 20.3	+ 9.5
30	B. D.+16°1531........	8	33 38.32	− 0.07	− 4.25	337 19 54.52	45.242	− 3.85	− 24.4	7 33 34.00	− 0.90	+16 18 28.0	+ 9.5
31	B. D.+22°1756........	9	37 51.57	− 0.09	− 4.25	343 39 55.08	41.518	− 3.85	− 17.1	7 37 47.23	− 0.92	+22 37 10.8	+ 8.8
32	B. D.+18°1733........	9	40 46.22	− 0.08	− 4.25	339 45 55.02	44.565	− 3.85	− 21.5	7 40 41.89	− 0.91	+18 44 15.9	+ 9.2
33	B. D.+19°1854........	9	46 34.06	− 0.08	− 4.25	340 35 55.78	43.388	− 3.85	− 20.6	7 46 29.73	− 0.91	+19 33 50.7	+ 9.2
34	B. D.+25°1794........	9	50 26.91	− 0.12	− 4.25	345 55 56.58	45.350	− 3.85	− 14.6	7 50 22.54	− 0.93	+24 54 42.3	+ 8.7
35	B. D.+18°1816........	9	55 21.34	− 0.08	− 4.25	339 31 55.10	44.102	− 3.85	− 21.8	7 55 17.01	− 0.92	+18 30 5.1	+ 9.3
36	B. D.+25°1816........	9	56 8.97	− 0.10	− 4.25	346 21 55.35	45.682	− 3.85	− 14.2	7 56 4.62	− 0.94	+25 20 49.1	+ 8.7
37	B. D.+13°1831........	9	59 55.62	− 0.06	− 4.25	334 23 53.65	46.960	− 3.85	− 28.0	7 59 51.31	− 0.92	+13 23 2.8	+ 9.7
38	B. D.+25°1853........	8	2 32.88	− 0.10	− 4.25	345 59 56.30	46.472	− 3.85	− 14.6	8 2 28.53	− 0.93	+24 58 7.7	+ 8.8
39	ψ Cancri................	9	4 52.89	− 0.10	− 4.25	346 49 56.42	42.088	− 3.85	− 13.7	8 4 48.54	− 0.94	+25 47 28.5	+ 8.8
40	B. D.+25°1880........	9	9 11.16	− 0.10	− 4.25	346 1 55.78	46.388	− 3.85	− 14.5	8 9 6.81	− 0.94	+25 1 5.3	+ 8.9
41	B. D.+19°2012........	9	21 45.67	− 0.08	− 4.25	340 35 54.92	42.932	− 3.85	− 20.6	8 21 41.34	− 0.92	+19 33 39.4	+ 9.3
42	η Cancri................	9	27 21.73	− 0.08	− **4.23**	341 45 54.85	47.778	− 3.85	− 19.3	8 27 17.40	....	+20 45 31.4	....
43	B. D.+20°2158........	9	34 47.34	− 0.08	− 4.25	341 21 53.35	44.562	− 3.85	− 19.7	8 34 43.01	− 0.92	+20 20 16.0	+ 9.3
44	B. D.+20°2175........	9	35 38.14	− 0.08	− 4.25	340 55 54.52	45.725	− 3.85	− 20.2	8 35 33.81	− 0.92	+19 54 43.2	+ 9.3
45	γ Cancri................	9	37 56.13	− 0.09	− **4.20**	342 49 54.32	44.540	− 3.85	− 18.1	8 37 51.79	....	+21 48 18.0	....
46	ξ Leonis................	9	26 58.06	− 0.07	− **4.26**	332 43 54.05	46.538	− 4.00	− 30.2	9 26 53.74	....	+11 42 51.2	....
47	B. D.+13°2136........	9	35 34.28	− 0.08	− 4.25	334 29 53.48	46.425	− 4.00	− 27.9	9 35 29.95	− 0.86	+13 28 50.3	+ 8.9
48	B. D.+19°2251........	9	39 21.69	− 0.09	− 4.25	340 19 54.95	42.910	− 4.00	− 21.0	9 39 17.35	− 0.84	+19 17 38.4	+ 9.2
49	B. D.+10°2054........	9	42 49.77	− 0.07	− 4.25	331 31 54.30	45.705	− 4.00	− 31.8	9 42 45.45	− 0.85	+10 30 30.8	+ 8.6
50	B. D.+16°2039........	9	46 9.80	− 0.08	− 4.25	337 47 54.10	42.630	− 4.00	− 23.9	9 46 5.47	− 0.83	+16 45 28.2	+ 9.0
51	83 B. Leonis............	9	51 32.21	− 0.07	− 4.25	330 23 53.62	46.072	− 4.00	− 33.3	9 51 27.89	− 0.84	+ 9 22 37.0	+ 8.3
52	ν Leonis................	9	53 15.25	− 0.07	− 4.25	333 55 53.78	42.900	− 4.00	− 28.7	9 53 10.93	− 0.82	+12 53 29.3	+ 8.6
53	B. D.+14°2186........	5	56 22.65	− 0.08	− 4.25	335 23 54.02	45.828	− 4.00	− 26.8	9 56 18.32	− 0.81	+14 22 38.3	+ 8.7
54	B. D.+13°2206........	9	1 39.38	− 0.08	− 4.25	334 15 54.28	45.018	− 4.00	− 28.2	10 1 35.05	− 0.80	+13 14 18.7	+ 8.5
55	α Leonis................	9	3 27.24	− 0.07	− **4.20**	333 27 53.42	42.920	− 4.00	− 29.3	10 3 22.92	....	+12 25 28.8	....
56	B. D.+17°2180........	9	6 45.85	− 0.09	− 4.25	338 45 54.02	44.568	− 4.00	− 22.8	10 6 41.51	− 0.78	+17 44 13.5	+ 9.0
57	B. D.+12°2177........	9	10 14.16	− 0.07	− 4.25	333 9 52.58	45.275	− 4.00	− 29.6	10 10 9.84	− 0.79	+12 8 21.5	+ 8.3
58	B. D.+10°2139........	9	14 34.28	− 0.07	− 4.25	331 25 53.72	42.838	− 4.00	− 31.9	10 14 29.96	− 0.78	+10 23 24.6	+ 8.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	In.	°	°
30 4 9	......	....	45.3
4 29	......	....	45.0
4 43	29.80	46.0	45.0
6 0	29.775	44.3	43.1
6 30	[illegible]	43.8	42.2
6 48	......	....	41.8
7 10	29.75	43.0	41.8
7 35	......	....	41.9
7 52	29.74	42.9	41.7
8 11	......	....	41.0
8 39	29.73	42.0	40.7
9 24	29.715	41.5	40.1
9 48	......	....	40.0

Micrometer bisections are made at II, VI, except as noted below.

1, 5, 8.	Bisections at III, V.
2, 4, 20, 21, 35, 43.	Bisections at I, II.
6, 7.	Bisections at III, IV, V.
13, 28, 33, 54.	Bisections at II, VII.
47.	Bisections at VI, VII.

Notes.

6–8.	Clouds.
47, 53.	Invisible at times.
54.	Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+11°2212	9	16 59.34	− 0.07	− 4.25	332 11 54.30	45.192	− 4.00	− 30.9	10 16 55.02	− 0.78	+11 10 20.0	+ 8.1
2	B. D.+ 9°2351	9	20 23.11	− 0.07	− 4.25	330 17 53.92	43.548	− 4.00	− 33.4	10 20 18.79	− 0.78	+ 9 15 39.6	+ 7.7
3	B. D.+16°2123	9	23 29.03	− 0.08	− 4.25	337 15 54.38	44.072	− 4.00	− 24.6	10 23 24.70	− 0.74	+16 14 0.8	+ 8.6
4	B. D.+ 6°2316	9	26 12.52	− 0.06	− 4.25	326 51 52.42	42.932	− 4.00	− 38.3	10 26 8.21	− 0.78	+ 5 49 19.1	+ 7.1
5	48 Leonis	9	29 58.95	− 0.07	− 4.25	328 27 52.52	45.035	− 4.00	− 36.0	10 29 54.63	− 0.76	+ 7 26 9.5	+ 7.3
6	B. D.+16°2144	9	33 57.15	− 0.08	− 4.25	337 37 53.60	46.392	− 4.00	− 24.1	10 33 52.82	− 0.70	+16 36 53.5	+ 8.6
7	B. D.+ 1°2471	9	37 37.41	− 0.06	− 4.25	322 23 53.42	42.762	− 4.00	− 45.2	10 37 33.10	− 0.78	+ 1 21 9.3	+ 6.0
8	B. D.+14°2294	9	41 31.69	− 0.08	− 4.25	335 43 54.25	42.465	− 4.00	− 26.4	10 41 27.36	− 0.69	+14 41 22.1	+ 8.2
9	B. D.+ 4°2388	9	46 10.66	− 0.06	− 4.25	325 7 52.28	42.830	− 4.00	− 40.9	10 46 6.35	− 0.73	+ 4 5 14.0	+ 6.3
10	B. D.+ 0°2710	9	47 52.29	− 0.06	− 4.25	321 19 52.82	44.635	− 4.00	− 46.9	10 47 47.98	− 0.76	+ 0 17 49.8	+ 5.5
11	B. D.+14°2319	9	51 52.29	− 0.08	− 4.25	335 5 53.42	42.945	− 4.00	− 27.2	10 51 47.96	− 0.66	+14 3 31.4	+ 7.9
12	B. D.+12°2284	9	54 51.46	− 0.07	− 4.25	333 13 53.40	45.385	− 4.00	− 29.6	10 54 47.14	− 0.65	+12 12 24.8	+ 7.5
	January 31, Bs.												
13	Moon I, S.	9	16 36.43	− 0.08	− 4.13	328 41 55.62	46.394	− 5.04	− 35.6	2 16 32.22	+61.83	+ 7 40 43.1	....
14	57 B. Ursæ Minoris s. p.	9	6 58.67	+11.34	− 4.13	53 23 59.60	46.034	− 5.14	+1 19.3	15 7 5.88	.....	+87 35 25.8	....
15	τ^1 Arietis	9	15 52.09	− 0.11	− **4.07**	341 49 55.12	45.042	− 5.16	− 19.3	3 15 47.85	.....	+20 48 27.8	....
16	γ^2 Ursæ Minoris s. p.	9	20 52.48	+ 1.85	− 4.13	68 47 58.28	47.060	− 5.18	+2 31.4	15 20 50.20	.....	+72 9 52.1	....
17	*f* Tauri	9	25 45.14	− 0.09	− **4.11**	333 37 53.95	46.370	− 5.20	− 29.1	3 25 40.92	.....	+12 36 47.2	....
18	149 H^1. Cephei	9	36 12.78	− 6.90	− 4.13	47 22 0.02	43.548	− 5.23	+1 4.1	3 36 1.75	− 7.72	+86 21 21.6	−11.5
19	27 Tauri	9	44 38.64	− 0.12	− 4.13	344 47 54.62	43.550	− 5.25	− 16.0	3 44 34.39	− 0.17	+23 45 56.4	+ 4.6
20	γ Eridani	9	53 42.99	− 0.09	− **4.18**	307 15 53.90	44.328	− 5.28	−1 17.4	3 53 38.77	.....	−13 46 47.9	....
21	*A* Tauri	9	59 12.59	− 0.11	− **4.06**	342 51 56.10	42.372	− 5.30	− 18.2	3 59 8.35	.....	+21 49 28.7	....
22	151 H^1. Cephei	9	7 4.67	− 5.28	− 4.13	46 17 59.00	47.014	− 5.32	+1 2.0	4 6 55.26	.....	+85 18 37.7	....
23	54 Persei	9	14 22.95	− 0.18	− 4.13	355 21 55.18	44.285	− 5.35	− 4.7	4 14 18.64	− 0.40	+34 20 24.9	+ 1.8
24	1 Camelopardalis	9	24 40.09	− 0.40	− 4.13	14 43 49.90	43.858	− 5.38	+ 15.6	4 24 35.56	− 0.78	+53 42 30.1	− 3.4
25	ρ Tauri	9	28 35.32	− 0.09	− 4.13	335 39 54.98	46.048	− 5.39	− 26.7	4 28 31.10	− 0.33	+14 38 43.0	+ 8.4
26	υ^7 Eridani	9	31 58.44	− 0.15	− 4.13	290 17 53.18	45.752	− 5.40	−2 38.3	4 31 54.16	− 0.39	−30 45 37.0	+21.0
27	4 Camelopardalis	9	40 15.63	− 0.45	− 4.13	17 35 57.02	46.105	− 5.43	+ 18.9	4 40 11.05	.....	+56 35 31.7	....
28	*i* Tauri	9	45 57.10	− 0.10	− 4.13	339 41 55.28	45.838	− 5.45	− 21.9	4 45 52.87	.....	+18 40 43.3	....
29	π^6 Orionis	9	49 25.88	− 0.07	− **4.11**	323 19 55.02	42.432	− 5.46	− 44.0	4 49 21.68	.....	+ 2 17 3.1	....
30	ϵ Aurigæ	9	55 18.36	− 0.26	− 4.13	4 41 57.72	45.598	− 5.47	+ 4.9	4 55 13.97	.....	+43 41 6.9	....
31	η Aurigæ	9	0 0.36	− 0.23	− 4.13	2 7 56.25	44.118	− 5.49	+ 2.3	4 59 56.00	.....	+41 6 29.0	....
32	ζ Draconis s. p.	9	8 30.89	+ 1.49	− 4.13	75 7 59.40	44.540	− 5.52	+3 41.0	17 8 28.25	.....	+65 49 39.3	....
33	λ Aurigæ	8	12 36.74	− 0.22	− 4.13	1 1 56.75	45.408	− 5.53	+ 1.1	5 12 32.39	.....	+40 0 57.8	....
34	λ Leporis	9	15 19.46	− 0.08	− 4.13	307 47 53.52	39.410	− 5.54	−1 16.4	5 15 15.25	− 0.55	−13 16 39.9	+16.3
35	β Tauri	9	20 25.88	− 0.14	− **4.15**	349 33 55.52	42.540	− 5.55	− 10.9	5 20 21.61	.....	+28 31 39.0	....
36	δ Orionis	9	27 17.04	− 0.07	− **4.14**	320 39 54.45	44.365	− 5.57	− 48.6	5 27 12.84	.....	− 0 22 18.0	....
	January 31, Hl.												
37	39 H. Cephei s. p.	8	27 34.06	+ 8.19	− 4.38	54 11 59.02	45.718	− 5.62	+1 23.1	23 27 37.87	.....	+86 47 30.8	....
38	6 B. Ursæ Minoris	9	14 52.33	−13.55	− 4.38	49 13 58.82	42.552	− 5.62	+1 9.7	12 14 34.40	.....	+88 13 3.1	....
39	*l* Ursæ Minoris	9	18 33.11	− 4.93	− 4.38	46 15 59.20	41.453	− 5.62	+1 2.8	13 18 23.80	− 0.10	+85 14 31.5	+14.5
40	81 Ursæ Majoris	9	30 35.15	− 0.36	− 4.38	16 49 56.15	46.350	− 5.62	+ 18.2	13 30 30.41	+ 0.23	+55 49 35.6	+13.9
41	*m* Virginis	9	36 45.12	− 0.02	− **4.40**	312 47 53.38	46.782	− 5.62	−1 4.6	13 36 40.72	.....	− 8 13 39.9	....
42	*i* Draconis	6	48 45.82	− 0.64	− 4.38	26 11 57.22	44.338	− 5.62	+ 29.6	13 48 40.80	+ 0.46	+65 11 2.0	+14.5
43	τ Virginis	.	.. ..	.....	....	323 1 54.32	44.950	− 5.62	− 45.1	13 57	.....	+ 1 59 58.7	....
44	9 H. Boötis	.	.. ..	.....	....	5 19 55.02	42.595	− 5.62	+ 5.7	14 4	.....	+44 17 56.2	+11.9
45	ι Boötis	9	12 54.51	− 0.30	− 4.38	12 47 56.55	47.202	− 5.62	+ 13.8	14 12 49.83	+ 0.51	+51 47 51.1	+13.0
46	*f* Boötis	9	22 9.12	− 0.04	− **4.39**	340 39 54.28	46.320	− 5.62	− 21.0	14 22 4.70	.....	+19 38 54.0	....
47	56 B. Draconis	9	29 13.84	− 0.49	− 4.38	21 37 56.98	47.625	− 5.62	+ 24.0	14 29 8.97	+ 0.76	+60 38 11.3	+13.7
48	μ Virginis	9	38 10.46	− 0.01	− **4.41**	315 47 53.30	43.192	− 5.62	− 58.5	14 38 6.07	.....	− 5 14 55.9	....
49	ξ^2 Libræ	9	51 44.01	− 0.02	− **4.39**	309 59 53.10	46.945	− 5.62	−1 11.6	14 51 39.61	.....	−11 1 43.4	....
50	ψ Boötis	9	0 28.94	− 0.08	− **4.38**	348 19 55.50	45.448	− 5.62	− 12.4	15 0 24.48	.....	+27 18 43.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 10 18	29.705	41.4	40.1
10 43	......	....	39.8
11 8	29.695	40.7	40.0
31 2 17	29.795	43.8	42.2
3 0	29.80	42.0	41.0
3 30	......	....	40.0
3 59	29.81	40.1	38.8
4 32	......	....	38.0
5 0	29.805	38.2	37.0
5 27	29.80	37.7	36.3
11 37	29.73	31.9	31.1
12 24	29.73	30.9	30.0
13 0	29.72	30.7	30.0
13 41	......	....	30.1
14 1	......	....	28.9
14 17	29.70	29.3	28.8
14 33	......	....	28.3
14 44	......	....	27.5
15 3	......	....	27.6
15 20	29.71	28.4	....

Micrometer bisections are made at II, VI, except as noted below.

11.	Bisections at VI, VII.
13.	Bisections at II, III, IV, V, VI.
14, 18, 22.	Bisections at b_1, b_3, b_5, b_7, b_9.
16, 32.	Bisections at III, IV, V.
37, 38, 39.	Bisections at b_4, b_5, b_6.

Notes.

2.	Micrometer reading increased 1 rev.
16.	Very unsteady.
37–50.	Conditions rather poor.
38, 39.	Microscopes read at beginning and end of observation.
39.	Revolutions of micrometer reading assumed.
48.	Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
13	+27 56.7	+14 48.5	...	+42 45.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	February 1, Hl.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N.	9	56 40.47	− 0.03	− 4.36	304 5 53.42	45.650	− 5.70	−1 25.8	20 56 36.08	+68.20	−16 56 26.7	....
2	Sun II, S.	9	58 56.88	− 0.03	− 4.36	303 33 52.42	44.570	− 5.70	−1 27.5	20 58 52.49	−68.21	−17 28 54.5	....
	February 2, Br.												
3	Sun I, N.	9	0 44.82	+ 0.02	− 4.35	304 23 51.80	43.525	− 4.48	−1 30.2	21 0 40.49	+68.27	−16 39 20.0	....
4	Sun II, S.	9	3 1.36	+ 0.02	− 4.35	303 51 50.95	42.482	− 4.48	−1 32.0	21 2 57.03	−68.27	−17 11 47.0	....
5	η Tauri	9	41 58.29	− 0.08	− **4.39**	344 49 54.50	45.932	− 4.56	− 16.8	3 41 53.88	.....	+23 48 50.6	....
6	Moon I, S.	9	52 43.39	− 0.02	− 4.33	335 21 54.25	42.033	− 4.56	− 28.5	3 52 39.04	+63.60	+14 19 9.6	....
7	A Tauri	9	59 12.78	− 0.06	− **4.33**	342 51 55.72	42.348	− 4.56	− 19.2	3 59 8.39	.....	+21 49 27.5	....
8	ο¹ Eridani	9	7 21.09	+ 0.05	− **4.38**	313 57 54.35	42.710	− 4.56	−1 4.6	4 7 16.81	.....	− 7 5 10.9	....
9	ο² Eridani	9	11 1.19	+ 0.05	− **4.34**	313 13 54.40	45.405	− 4.56	−1 6.2	4 10 56.91	.....	− 7 48 10.8	....
10	δ Tauri	9	17 35.40	− 0.03	− **4.35**	338 21 54.12	42.095	− 4.56	− 24.7	4 17 31.04	.....	+17 19 14.7	....
11	ε Tauri	9	23 12.28	− 0.04	− **4.33**	339 59 54.95	44.592	− 4.56	− 23.9	4 23 7.91	.....	+18 58 13.4	....
12	α Tauri	9	30 36.22	− 0.02	− **4.31**	337 21 54.20	41.850	− 4.56	− 26.0	4 30 31.87	.....	+16 19 7.9	....
13	τ Tauri	9	36 40.90	− 0.07	− **4.32**	343 48	......	....	.....	4 36 36.50	.....	+22 46	....
14	π³ Orionis	9	44 48.92	+ 0.02	− **4.37**	327 49 52.25	43.965	− 4.56	− 39.2	4 44 44.61	.....	+ 6 47 41.1	....
15	π⁵ Orionis	9	49 25.95	+ 0.03	− **4.31**	323 19 53.00	42.542	− 4.56	− 46.5	4 49 21.65	.....	+ 2 17 2.0	....
16	ι Tauri	9	57 33.34	− 0.06	− **4.22**	342 29 55.35	41.920	− 4.56	− 19.7	4 57 28.95	.....	+21 27 16.9	....
	February 3, Hl.												
17	δ Tauri	9	17 35.22	+ 0.03	− **4.24**	338 19 54.62	47.372	− 5.11	− 24.6	4 17 30.95	.....	+17 19 15.3	....
18	α Tauri	9	30 36.18	+ 0.04	− **4.34**	337 19 54.02	47.165	− 5.11	− 25.9	4 30 31.92	.....	+16 19 8.7	....
19	Moon I, S.	9	43 17.64	+ 0.03	− 4.30	337 46 1.88	45.260	− 5.11	− 25.4	4 43 13.37	+64.87	+16 44 33.5	....
20	11 Orionis	9	59 16.48	+ 0.05	− **4.27**	336 17 53.35	45.045	− 5.11	− 27.3	4 59 12.23	.....	+15 16 18.2	....
21	β Orionis	9	10 5.88	+ 0.16	− **4.33**	312 41 53.30	49.110	− 5.11	−1 7.3	5 10 1.74	.....	− 8 18 48.9	....
22	γ Orionis	9	20 10.06	+ 0.11	− **4.30**	327 17 52.88	44.115	− 5.11	− 39.9	5 20 5.87	.....	+ 6 15 43.9	....
23	δ Orionis	9	27 16.96	+ 0.14	− **4.30**	320 39 54.22	44.452	− 5.11	− 51.0	5 27 12.80	.....	− 0 22 18.2	....
24	ι Orionis	9	30 54.87	+ 0.16	− **4.35**	315 3 53.32	44.465	− 5.11	−1 2.0	5 30 50.73	.....	− 5 58 29.7	....
	February 4, Hl.												
25	Moon I, S.	9	35 57.64	− 0.01	− 4.34	339 24 4.12	43.287	− 5.60	− 22.4	5 35 53.29	+66.16	+18 21 53.2	....
26	κ Canis Majoris	9	46 25.29	+ 0.07	− 4.34	288 39 53.25	44.758	− 5.60	−2 54.9	6 46 21.02	− 1.17	−32 24 16.4	+17.1
27	θ Canis Majoris	9	49 54.57	+ 0.09	− **4.35**	309 5 54.22	47.665	− 5.60	−1 13.3	6 49 50.32	.....	−11 55 27.5	....
28	51 Geminorum	9	8 3.69	0.00	− 4.34	337 19 54.95	46.715	− 5.60	− 24.9	7 7 59.35	.....	+16 18 59.8	....
29	λ Geminorum	9	12 46.74	0.00	− **4.34**	337 43 54.88	45.385	− 5.60	− 24.5	7 12 42.40	.....	+16 42 29.8	....
30	143 B. Camelopardalis	9	21 14.24	− 1.19	− 4.34	29 39 58.42	45.372	− 5.60	+ 34.2	7 21 8.71	.....	+68 39 31.4	....
31	β Geminorum	9	39 39.34	− 0.08	− **4.35**	349 15 56.25	46.388	− 5.60	− 11.3	7 39 34.92	.....	+28 15 7.2	....
32	φ Geminorum	9	47 50.13	− 0.07	− **4.31**	348 1 56.42	44.720	− 5.60	− 12.7	7 47 45.72	.....	+27 0 27.9	....
33	χ Geminorum	9	57 50.22	− 0.08	− **4.32**	349 3 56.88	47.092	− 5.60	− 11.5	7 57 45.80	.....	+28 3 23.8	....
34	ψ Cancri	9	4 52.99	− 0.06	− 4.34	346 49 57.12	42.145	− 5.60	− 14.0	8 4 48.59	− 0.95	+25 47 28.5	+ 8.7
35	30 Monocerotis	9	21 3.22	+ 0.08	− **4.38**	317 25 53.90	45.115	− 5.60	− 54.9	8 20 58.96	.....	− 3 36 7.7	....
	February 5, Bs.												
36	ζ Leporis	9	42 46.54	+ 0.04	− 4.10	306 11 52.58	42.400	− 4.89	−1 24.0	5 42 42.48	.....	−14 51 39.4	....
37	η Leporis	9	52 12.22	+ 0.04	− 4.10	306 51 53.38	43.150	− 4.89	−1 22.1	5 52 8.16	− 0.68	−14 11 19.6	+16.5
38	1 Geminorum	9	58 29.22	− 0.09	− **4.05**	344 17 56.18	43.778	− 4.89	− 17.3	5 58 25.03	.....	+23 16 2.2	....
39	δ Ursæ Minoris S. P.	7	2 12.77	+11.37	− 4.10	54 23 59.30	42.459	− 4.89	+1 26.3	18 2 20.04	.....	+86 36 40.8	....
40	β Canis Majoris	9	18 38.59	+ 0.04	− **4.18**	303 7 47.75	45.330	− 4.89	−1 34.3	6 18 34.53	.....	−17 54 47.6	....
41	λ Canis Majoris	9	24 46.21	+ 0.02	− 4.10	288 31 52.68	46.980	− 4.89	−3 2.2	6 24 42.13	− 1.05	−32 31 32.8	+18.4
42	Moon I, S.	8	30 38.22	− 0.06	− 4.10	340 3 55.95	44.490	− 5.04	− 22.4	6 30 34.06	+67.26	+19 2 13.2	....
43	Moon N.	.	.. ..	.....	....	340 33 56.35	46.980	− 5.04	− 21.8	.. ..	.....	+19 33 10.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 20 59	29.61	42.3	41.8
2 21 3	29.89	20.9	18.0
3 39	29.99	18.8	17.0
4 0	.....	....	16.6
4 24	.....	....	16.0
5 0	30.02	17.0	15.7
3 3 36	30.13	20.8	19.8
4 23	.....	....	19.8
4 50	30.12	20.0	19.2
5 3	.....	....	19.1
5 23	.....	....	19.0
5 44	30.13	19.6	19.0
4 5 41	29.93	35.9	35.9
6 34	29.93	35.2	35.1
6 52	.....	....	35.0
7 24	.....	....	34.0
7 32	29.93	34.8	34.0
7 51	.....	....	33.8
8 7	.....	....	33.2
8 29	29.91	34.3	33.7
5 5 43	30.10	25.1	23.5
6 2	.....	....	22.7
6 33	30.12	23.4	22.0

Micrometer bisections are made at II, VI, except as noted below.

1, 3, 42.	Bisections at I, II.
2, 4, 43.	Bisections at VI, VII.
6, 19, 25.	Bisections at II, III, IV, V, VI.
39.	Bisections at b_1, b_3, b_5, b_7.

Notes.

7–16.	Clouds.
14, 35.	Faint.
26, 35.	Haze.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 7.4	−16 13.9	...	−16 6.5
2	+ 7.4	+16 13.9	...	+16 21.3
3	+ 7.3	−16 13.5	...	−16 6.2
4	+ 7.4	+16 13.4	...	+16 20.8
6	+22 27.2	+14 51.0	...	+37 18.2
19	+20 28.3	+14 56.7	...	+35 25.0
25	+19 12.2	+15 5.0	...	+34 17.2
42	+18 48.3	+15 14.6	...	+34 2.9
43	+18 19.8	−15 14.6	+ 0.1	+ 3 5.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	22 Monocerotis............	9	7 8.88	+ 0.02	− 4.09	320 41 54.65	44.190	− 4.89	− 50.7	7 7 4.81	.....	− 0 20 23.2	....
2	64 Aurigæ..............	9	11 35.58	− 0.27	− 4.09	2 4 0.90	45.232	− 4.89	+ 2.3	7 11 31.22	− 1.04	+41 2 59.7	+ 5.1
3	δ Geminorum............	9	14 35.68	− 0.08	− **4.05**	343 11 55.80	41.785	− 4.89	− 18.7	7 14 31.51	.....	+22 9 14.9	....
4	ι Geminorum............	9	19 58.57	− 0.13	− **4.10**	348 59 56.15	46.160	− 4.89	− 12.0	7 19 54.35	.....	+27 59 1.9	....
5	25 Monocerotis............	9	32 41.39	+ 0.03	− 4.09	317 7 54.15	44.930	− 4.89	− 57.6	7 32 37.33	.....	− 3 54 13.7	....
6	26 Monocerotis............	9	36 50.48	+ 0.04	− 4.09	311 41 54.28	45.855	− 4.89	−1 9.6	7 36 46.43	.....	− 9 20 4.4	....
7	π Geminorum............	9	41 32.09	− 0.18	− 4.09	354 39 56.68	45.050	− 4.89	− 5.7	7 41 27.82	.....	+33 38 43.4	....
8	26 Lyncis...............	8	47 57.92	− 0.39	− 4.09	8 49 56.38	43.745	− 4.89	+ 9.7	7 47 53.44	.....	+47 48 28.6	....
9	4 B. Ursæ Minoris.......	9	5 49.56	−33.45	− 4.09	49 55 58.60	42.195	− 4.89	+1 14.2	8 5 12.02	.....	+88 54 58.9	....
	February 7, Bs.												
10	μ Persei.................	9	8 4.31	− 0.38	− 4.07	9 11 58.28	43.320	− 4.88	+ 10.0	4 7 59.86	− 0.41	+48 10 21.1	− 2.8
11	19 Ursæ Minoris s. p.....	9	13 27.61	+ 3.37	− 4.07	64 52 0.35	45.837	− 4.88	+2 10.9	16 13 26.91	.....	+76 6 38.1	....
12	η Ursæ Minoris s. p.....	9	20 12.48	+ 3.33	− 4.07	65 0 0.12	47.215	− 4.88	+2 11.7	16 20 11.74	.....	+75 58 6.1	....
13	m Persei.................	9	26 52.72	− 0.27	− 4.07	3 51 58.95	47.530	− 4.88	+ 4.2	4 26 48.38	.....	+42 51 52.2	....
14	ν Eridani...............	9	31 41.51	+ 0.09	− **4.09**	317 29 55.58	43.150	− 4.88	− 56.3	4 31 37.53	.....	− 3 32 51.6	....
15	35 B. Camelopardalis.....	9	36 18.29	− 2.15	− 4.07	36 45 58.60	47.212	− 4.88	+ 46.1	4 36 12.07	.....	+75 46 26.5	....
16	π^3 Orionis...............	9	44 48.49	+ 0.06	− **4.05**	327 49 54.52	43.850	− 4.88	− 38.7	4 44 44.48	.....	+ 6 47 40.9	....
17	ι Aurigæ...............	9	50 56.86	− 0.13	− 4.07	354 1 57.90	45.928	− 4.88	− 6.4	4 50 52.66	.....	+33 1 4.0	....
18	ζ Aurigæ...............	9	55 59.19	− 0.23	− 4.07	1 57 57.12	43.772	− 4.88	+ 2.2	4 55 54.89	.....	+40 56 22.5	....
19	ε Leporis...............	9	1 33.33	+ 0.10	− 4.07	298 33 54.12	42.332	− 4.88	−1 52.7	5 1 29.36	.....	−22 30 8.1	....
20	μ Aurigæ...............	9	7 4.46	− 0.19	− 4.07	359 23 57.35	44.012	− 4.88	− 0.6	5 7 0.20	.....	+38 22 25.4	....
21	β Orionis...............	9	10 5.54	+ 0.10	− **3.98**	312 43 55.45	43.745	− 4.88	−1 6.6	5 10 1.57	.....	− 8 18 48.4	....
22	ο Columbæ..............	9	14 10.18	+ 0.07	− 4.07	286 5 53.92	42.848	− 4.88	−3 30.5	5 14 6.18	.....	−34 59 34.3	....
23	ο Orionis...............	9	17 2.21	+ 0.08	− 4.07	320 33 54.85	43.388	− 4.88	− 50.6	5 16 58.22	− 0.44	− 0 28 41.2	+13.6
24	17 Camelopardalis........	9	21 23.45	− 0.84	− 4.07	23 59 59.50	45.448	− 4.88	+ 27.5	5 21 18.54	.....	+62 59 28.3	....
25	74 B. Camelopardalis.....	9	27 17.19	− 1.96	− 4.07	35 59 58.12	43.728	− 4.88	+ 44.9	5 27 11.16	.....	+74 59 5.2	....
26	22 Camelopardalis	9	31 14.54	− 0.56	− 4.07	17 19 58.65	43.218	− 4.88	+ 19.3	5 31 9.91	− 1.05	+56 18 28.4	− 2.3
27	ο Aurigæ...............	9	38 42.43	− 0.39	− 4.07	10 47 57.32	45.455	− 4.88	+ 11.8	5 38 37.97	.....	+49 47 10.7	....
28	κ Orionis...............	9	43 22.52	+ 0.10	− **4.11**	311 19 53.98	45.035	− 4.88	−1 9.9	5 43 18.55	.....	− 9 42 23.7	....
29	α Orionis...............	9	50 9.58	+ 0.06	− **4.05**	328 25 54.92	42.645	− 4.88	− 37.8	5 50 5.57	.....	+ 7 23 14.7	....
30	β Aurigæ...............	9	52 43.18	− 0.29	− 4.07	5 57 57.72	43.430	− 4.88	+ 6.5	5 52 38.82	.....	+44 56 19.6	....
31	66 Orionis...............	9	0 4.99	+ 0.07	− 4.07	325 11 55.28	44.050	− 4.88	− 42.8	6 0 0.99	− 0.63	+ 4 9 42.1	+12.2
32	36 Camelopardalis	9	3 30.44	− 0.97	− 4.07	26 45 58.52	42.395	− 4.88	+ 31.2	6 3 25.40	− 1.69	+65 44 21.2	− 3.0
33	41 Draconis s. p..........	5	7 4.80	+ 4.31	− 4.07	61 0 0.18	44.685	− 4.88	+1 51.2	18 7 5.04	+ 4.91	+79 59 24.3	+ 7.4
34	ψ^1 Aurigæ...............	9	17 45.08	− 0.37	− 4.07	10 21 58.15	42.862	− 4.88	+ 11.3	6 17 40.64	.....	+49 20 11.8	....
	February 7, Ei.-Y.												
35	ι Geminorum............	9	19 58.61	− 0.06	− **4.21**	348 59 57.98	46.045	− 4.55	− 11.9	7 19 54.35	.....	+27 59 1.5	....
36	β Canis Minoris..........	9	22 8.25	+ 0.06	− **4.17**	329 29 53.55	46.195	− 4.55	− 36.3	7 22 4.11	.....	+ 8 28 36.2	....
37	B. D.+16°1490........	9	24 10.34	+ 0.03	− 4.20	337 23 55.95	42.300	− 4.55	− 25.7	7 24 6.17	− 0.88	+16 21 20.2	+ 9.6
38	B. D.+23°1744........	9	27 17.85	− 0.02	− 4.20	344 7 56.90	41.520	− 4.55	− 17.5	7 27 13.63	− 0.90	+23 5 11.5	+ 8.5
39	B. D.+16°1510........	9	28 19.72	+ 0.03	− 4.20	337 3 54.85	43.130	− 4.55	− 26.1	7 28 15.55	− 0.88	+16 1 37.7	+ 9.7
40	B. D.+18°1701........	9	34 8.09	+ 0.02	− 4.20	338 53 56.10	47.142	− 4.55	− 23.8	7 34 3.91	− 0.90	+17 53 12.9	+ 9.4
41	B. D.+26°1633........	9	38 28.20	− 0.04	− 4.20	347 1 57.15	44.602	− 4.55	− 14.2	7 38 23.96	− 0.93	+26 0 25.5	+ 8.1
42	B. D.+16°1551........	9	40 51.98	+ 0.03	− 4.20	337 41 55.15	43.795	− 4.55	− 25.3	7 40 47.81	− 0.91	+16 39 54.0	+ 9.6
43	B. D.+15°1676........	9	45 18.34	+ 0.04	− 4.20	336 5 55.52	45.855	− 4.55	− 27.3	7 45 14.18	− 0.91	+15 4 39.4	+ 9.8
44	B. D.+22°1803........	9	47 31.32	− 0.01	− 4.20	343 35 56.72	45.010	− 4.55	− 18.1	7 47 27.11	− 0.93	+22 34 30.5	+ 8.8
45	B. D.+24°1806........	9	50 34.26	− 0.02	− 4.20	344 53 55.52	44.330	− 4.55	− 16.6	7 50 30.04	− 0.94	+23 52 15.2	+ 8.6
46	B. D.+20°1976........	9	55 24.63	0.00	− 4.20	341 5 55.95	44.725	− 4.55	− 21.1	7 55 20.43	− 0.93	+20 4 20.2	+ 9.2
47	B. D.+22°1845........	9	58 22.79	− 0.01	− 4.20	343 21 56.20	43.665	− 4.55	− 18.4	7 58 18.58	− 0.94	+22 19 58.9	+ 8.9
48	B. D.+20°2003........	9	2 3.97	0.00	− 4.20	341 5 55.40	47.192	− 4.55	− 21.1	8 1 59.77	− 0.94	+20 5 16.0	+ 9.2
49	B. D.+27°1544........	9	3 10.02	− 0.06	− 4.20	348 45 56.18	46.508	− 4.55	− 12.2	8 3 5.76	− 0.97	+27 45 10.0	+ 8.3
50	B. D.+23°1913........	9	8 12.77	− 0.02	− 4.20	344 25 55.08	46.722	− 4.55	− 17.1	8 8 8.55	− 0.95	+23 25 9.0	+ 8.9
51	β Cancri.................	9	11 30.26	+ 0.06	− **4.24**	330 29 54.35	45.565	− 4.55	− 34.9	8 11 26.12	.....	+ 9 28 24.0	....
52	χ Cancri.................	9	14 26.60	− 0.05	− 4.20	348 31 56.18	46.735	− 4.55	− 12.5	8 14 22.35	− 0.97	+27 31 14.9	+ 8.5
53	B. D.+18°1923........	9	16 37.24	+ 0.02	− 4.20	338 55 54.92	43.728	− 4.55	− 23.8	8 16 33.06	− 0.95	+17 53 53.7	+ 9.5
54	B. D.+17°1842........	9	20 35.79	+ 0.02	− 4.20	338 21 54.42	47.338	− 4.55	− 24.4	8 20 31.61	− 0.95	+17 21 15.1	+ 9.6
55	B. D.+21°1844........	9	22 43.94	0.00	− 4.20	342 29 56.52	42.722	− 4.55	− 19.4	8 22 39.74	− 0.96	+21 27 36.7	+ 9.2
56	Moon I, N..............	9	24 5.74	+ 0.02	− 4.20	338 37 54.20	48.987	− 4.55	− 24.1	8 24 1.56	+68.26	+17 37 51.4	....
57	B. D.+16°1754........	9	27 26.07	+ 0.03	− 4.20	337 5 54.75	42.465	− 4.55	− 26.1	8 27 21.90	− 0.96	+16 3 22.4	+ 9.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 7 15	......	....	20.6
7 37	30.13	21.4	19.9
8 6	30.13	20.3	18.9
7 4 8	30.09	25.8	25.0
4 36	......	....	24.0
5 7	30.095	24.3	23.3
5 39	......	....	23.1
6 18	30.08	22.8	23.0
7 17	30.08	22.0	22.8
7 42	......	....	22.2
8 5	30.07	21.7	22.0

Micrometer bisections are made at II, VI, except as noted below.

9.	Bisections at b_1, b_3, b_5, b_7, b_9.
11, 12, 15, 25, 33.	Bisections at III, IV, V.
35, 46, 47, 49, 55.	Bisections at II, VII.
38.	Bisections at I, II.
56.	Bisections at I, II, III.

Notes.

23. Micrometer reading increased 10 rev.

50–57. Images fuzzy at times.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
56	+20 35.5	−15 38.0	...	+ 4 57.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R.A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+18°2191	9	31 23.44	+ 0.01	− 4.20	339 49 55.90	42.822	− 4.55	− 22.7	8 31 19.25	− 0.96	+18 47 35.1	+ 9.5
2	B. D.+20°2144	9	33 50.62	+ 0.01	− 4.20	340 57 55.38	41.892	− 4.55	− 21.3	8 33 46.43	− 0.96	+19 55 14.8	+ 9.4
3	B. D.+14°1946	9	35 27.66	+ 0.04	− 4.20	335 43 54.70	45.750	− 4.55	− 27.8	8 35 23.50	− 0.96	+14 42 35.7	+ 9.8
4	B. D.+18°2022	9	37 52.86	+ 0.02	− 4.20	339 29 54.85	46.970	− 4.55	− 23.0	8 37 48.68	− 0.96	+18 29 8.5	+ 9.5
5	δ Cancri	8	39 25.88	+ 0.02	**− 4.23**	339 29 54.85	48.912	− 4.55	− 23.0	8 39 21.70	.....	+18 29 52.9	....
6	B. D.+14°1971	9	41 3.91	+ 0.04	− 4.20	335 25 54.68	44.697	− 4.55	− 28.2	8 40 59.75	− 0.96	+14 24 11.2	+ 9.8
7	B. D.+16°1833	9	46 0.32	+ 0.03	− 4.20	337 21 55.05	46.432	− 4.55	− 25.7	8 45 56.15	− 0.96	+16 20 53.7	+ 9.6
8	60 Cancri	9	50 52.87	+ 0.05	− 4.20	332 59 53.25	46.982	− 4.55	− 31.4	8 50 48.72	− 0.97	+11 58 58.8	+ 9.8
9	B. D.+18°2093	9	53 57.51	+ 0.02	− 4.20	339 31 55.65	43.792	− 4.55	− 23.0	8 53 53.33	− 0.96	+18 29 56.7	+ 9.5
10	B. D.+18°2114	8	59 9.20	+ 0.01	− 4.20	339 39 55.42	46.545	− 4.55	− 22.8	8 59 5.01	− 0.96	+18 38 59.6	+ 9.5
11	B. D.+21°1969	9	1 26.80	0.00	− 4.20	341 55 54.80	42.140	− 4.55	− 20.1	9 1 22.60	− 0.96	+20 53 21.0	+ 9.4
12	B. D.+12°1979	9	4 45.10	+ 0.05	− 4.20	332 57 54.92	46.232	− 4.55	− 31.4	9 4 40.95	− 0.97	+11 56 43.3	+ 9.7
13	B. D.+15°2003	9	7 14.20	+ 0.04	− 4.20	336 23 54.85	45.185	− 4.55	− 26.9	9 7 10.04	− 0.96	+15 22 23.8	+ 9.5
14	θ Hydræ	9	9 33.64	+ 0.09	**− 4.19**	323 43 54.70	46.368	− 4.55	− 45.2	9 9 29.53	.....	+ 2 42 32.5	....
15	83 Cancri	9	13 49.38	+ 0.02	**− 4.21**	339 7 54.88	44.302	− 4.55	− 23.5	9 13 45.20	.....	+18 6 7.1	....
	February 9, Br.												
16	Sun I, S.	9	28 53.29	+ 0.10	− 4.31	305 57 52.42	46.208	− 5.60	−1 20.9	21 28 49.08	+67.36	−15 4 9.9	....
17	Sun II, N.	9	31 8.00	+ 0.10	− 4.31	306 29 52.98	47.410	− 5.60	−1 19.3	21 31 3.79	−67.35	−14 31 40.8	....
18	151 H^1. Cephei	8	7 6.24	− 6.59	− 4.31	46 17 58.78	47.112	− 5.22	+1 2.1	4 6 55.34	.....	+85 18 39.8	....
19	1 Camelopardalis	9	24 40.19	− 0.44	− 4.31	14 43 57.10	43.595	− 5.22	+ 15.6	4 24 35.44	− 0.55	+53 42 31.6	− 4.1
20	ρ Tauri	9	28 35.30	− 0.02	− 4.31	335 39 55.82	46.010	− 5.22	− 26.7	4 28 30.97	− 0.20	+14 38 43.2	+ 8.5
21	4 Camelopardalis	9	40 15.72	− 0.51	− 4.31	17 35 57.18	46.162	− 5.22	+ 18.9	4 40 10.90	.....	+56 35 33.6	....
22	π^3 Orionis	9	44 48.81	0.00	**− 4.34**	327 49 53.78	43.818	− 5.22	− 37.2	4 44 44.50	.....	+ 6 47 40.6	....
23	ε Ursæ Minoris s. p.	9	55 29.83	+ 4.76	− 4.31	58 47 57.90	45.493	− 5.22	+1 38.0	16 55 30.28	.....	+82 11 21.7	....
24	ζ Draconis s. p.	9	8 31.48	+ 1.89	− 4.31	75 8 0.20	44.550	− 5.22	+3 41.6	17 8 29.06	.....	+65 49 36.9	....
25	λ Aurigæ	9	12 36.80	− 0.21	− 4.31	1 1 56.55	45.410	− 5.22	+ 1.1	5 12 32.28	.....	+40 0 58.0	....
26	λ Leporis	8	15 19.42	+ 0.02	− 4.31	307 45 54.22	44.615	− 5.22	−1 16.5	5 15 15.13	− 0.43	−13 16 40.0	+17.3
27	β Tauri	9	20 25.88	− 0.10	**− 4.31**	349 33 56.95	42.450	− 5.22	− 10.9	5 20 21.47	.....	+28 31 38.7	....
28	δ Orionis	9	27 16.99	+ 0.02	**− 4.28**	320 39 53.85	44.338	− 5.22	− 48.7	5 27 12.70	.....	− 0 22 18.9	....
29	ζ Orionis	9	36 5.76	+ 0.02	**− 4.31**	319 3 55.05	40.668	− 5.22	− 51.6	5 36 1.47	.....	− 1 59 44.5	....
30	ζ Leporis	9	42 46.67	+ 0.02	− 4.31	306 11 52.22	42.212	− 5.22	−1 21.2	5 42 42.38	.....	−14 51 41.6	....
31	η Leporis	9	52 12.34	+ 0.02	− 4.31	306 51 53.10	42.965	− 5.22	−1 19.3	5 52 8.05	− 0.63	−14 11 21.6	+16.8
32	1 Geminorum	9	58 29.41	− 0.06	**− 4.31**	344 17 56.62	43.732	− 5.22	− 16.7	5 58 25.04	.....	+23 16 1.9	....
33	δ Ursæ Minoris s. p	5	2 17.14	+10.33	− 4.31	54 23 59.82	42.630	− 5.22	+1 23.4	18 2 23.16	.....	+86 36 39.6	....
34	Groombridge 1004	8	11 10.79	− 9.76	− 4.31	47 46 0.60	44.247	− 5.22	+1 6.0	6 10 56.72	−13.61	+86 45 40.1	− 6.5
35	β Canis Majoris	9	18 38.76	+ 0.02	**− 4.37**	303 7 52.62	44.970	− 5.22	−1 31.3	6 18 34.47	.....	−17 54 48.3	....
36	Neptune C, C.	9	34 36.14	− 0.06	− 4.31	343 15 55.88	47.665	− 5.22	− 17.9	6 34 31.77	.....	+22 15 29.8	....
37	ψ^5 Aurigæ	9	40 3.48	− 0.26	− 4.31	4 41 57.95	43.415	− 5.22	+ 5.0	6 39 58.91	.....	+43 40 17.7	....
38	θ Canis Majoris	9	49 54.52	+ 0.02	**− 4.27**	309 7 53.20	42.402	− 5.22	−1 13.6	6 49 50.23	.....	−11 55 28.7	....
	February 9, Hl.												
39	Moon II, S.	9	20 39.47	+ 0.01	− 4.31	331 53 54.58	43.065	− 5.22	− 32.4	10 20 35.17	−67.79	+10 51 29.0	....
40	β Leonis	9	44 20.98	0.00	**− 4.31**	336 7 54.40	43.542	− 5.22	− 26.8	11 44 16.68	.....	+15 5 45.3	....
41	ο Leonis	9	50 55.48	0.00	− 4.30	337 11 54.82	44.368	− 5.22	− 25.5	11 50 51.18	− 0.65	+16 10 5.9	+ 8.2
42	ο Virginis	9	0 30.23	+ 0.02	**− 4.31**	330 17 55.15	42.450	− 5.22	− 34.6	12 0 25.95	.....	+ 9 15 13.3	....
43	6 B. Ursæ Minoris	9	15 0.78	−18.46	**4.30**	49 14	......	....	.....	12 14 38.02	.....	+88 13	....
44	35 Virginis	9	43 9.03	+ 0.03	**− 4.32**	325 7 54.32	42.490	− 5.22	− 42.4	12 43 4.76	.....	+ 4 5 5.6	....
45	43 H. Cephei s. p.	9	55 36.89	+ 8.50	− 4.30	55 14	......	....	.....	0 55 41.09	.....	+85 45	....
46	ζ Virginis	8	29 58.76	+ 0.04	**− 4.33**	320 55 53.00	42.768	− 5.22	− 49.4	13 29 54.50	.....	− 0 6 56.4	....
47	η Boötis	9	50 16.96	− 0.02	**− 4.26**	339 53 55.60	44.035	− 5.22	− 22.2	13 50 12.64	.....	+18 52 2.3	....
48	d Boötis	9	6 11.08	− 0.06	**− 4.25**	346 33 54.80	43.905	− 5.22	− 14.5	14 6 6.72	.....	+25 32 6.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 8 30	......	....	22.0
8 55	30.065	21.4	22.1
9 23	30.07	21.6	22.7
9 21 31	29.87	38.4	37.7
4 0	29.82	37.3	38.1
4 23	......	....	37.8
4 49	......	....	37.7
5 24	[illegible]	35.9	35.8
5 39	......	....	35.8
6 21	29.90	34.1	34.2
6 53	29.93	33.5	33.3
10 24	30.00	28.1	28.9
11 27	30.02	28.2	29.2
11 56	......	....	29.0
12 22	......	....	29.0
12 32	30.03	28.7	....
12 48	......	....	28.1
13 22	......	....	27.9
13 45	......	....	28.0
14 14	30.05	28.4	28.0

Micrometer bisections are made at II, VI, except as noted below.

6, 48. Bisections at II, VI, VII.
13. Bisections at II, VII.
16. Bisections at I, II.
17, 24, 26, 35. Bisections at VI, VII.
18. Bisections at b_1, b_3, b_7, b_9.
19, 21, 25, 37. Bisections at III, V.
23. Bisections at b_1, b_3, b_5, b_7, b_9.
33. Bisections at b_1, b_3, b_5.
34. Bisections at b_2, b_5, b_8.
36. Bisections at I, II, VI, VII.
39. Bisections at II, III, IV, V, VI.

Notes.

8–15. Clouds.
18–38. Unsteady.
34. Right ascension observed chronographically.
39–48. Conditions poor.
46. Very poor image.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+ 7.2	+16 14.5	...	+16 21.7
17	+ 7.1	−16 14.5	...	−16 7.4
36	+ 0.1	.. ....	...	+ 0.1
39	+27 19.5	+15 58.4	...	+43 17.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	February 10, Hl.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	32 51.12	+ 0.06	− 4.28	306 17 53.08	44.355	− 4.99	−1 21.7	21 32 46.90	+67.28	−14 44 51.8	....
2	Sun II, N.	9	35 5.68	+ 0.06	− 4.28	306 49 52.40	45.545	− 4.99	−1 20.2	21 35 1.46	−67.28	−14 12 24.3	....
3	η Aurigæ.	9	0 0.33	− 0.22	− 4.25	2 7 57.25	44.075	− 5.21	+ 2.3	4 59 55.86	.....	+41 6 29.3	....
4	ζ Draconis s. p.	9	8 31.51	+ 1.95	− 4.25	75 8 0.98	44.251	− 5.21	+3 46.6	17 8 29.21	.....	+65 49 38.0	....
5	β Tauri	9	20 25.86	− 0.09	− **4.31**	349 33 56.58	42.530	− 5.21	− 11.2	5 20 21.52	.....	+28 31 39.9	....
6	δ Orionis	9	27 16.98	+ 0.03	− **4.29**	320 39 54.38	44.435	− 5.21	− 49.8	5 27 12.76	.....	− 0 22 17.3	....
7	ζ Orionis	9	36 5.60	+ 0.03	− **4.18**	319 1 54.80	46.028	− 5.21	− 52.8	5 36 1.38	.....	− 1 59 43.5	....
8	ζ Leporis	9	42 46.65	+ 0.04	− 4.25	306 11 52.90	42.283	− 5.21	−1 23.1	5 42 42.44	.....	−14 51 41.2	....
9	1 Geminorum	9	58 29.29	− 0.05	− **4.21**	344 17 56.35	43.792	− 5.21	− 17.1	5 58 24.99	.....	+23 16 2.8	....
10	41 Draconis s. p.	9	7 6.75	+ 3.90	− 4.25	61 0 0.65	44.713	− 5.21	+1 50.2	18 7 6.40	+ 4.63	+79 59 24.5	+ 8.2
11	51 Aurigæ	9	32 14.19	− 0.19	− 4.25	0 29 56.98	43.982	− 5.21	+ 0.6	6 32 9.75	.....	+39 28 25.2	....
12	ξ Geminorum	9	40 5.90	0.00	− **4.29**	334 1 55.40	43.482	− 5.21	− 29.8	6 40 1.65	.....	+12 59 41.9	....
13	h Geminorum	9	57 37.26	− 0.09	− 4.25	350 29 56.05	47.715	− 5.21	− 10.2	6 57 32.92	− 0.85	+29 29 38.8	+ 6.5
14	63 Aurigæ	9	5 16.98	− 0.19	− 4.25	0 29 56.65	43.985	− 5.21	+ 0.6	7 5 12.54	.....	+39 28 25.0	....
15	λ Geminorum	9	12 46.63	− 0.01	− **4.24**	337 43 54.52	45.415	− 5.21	− 25.1	7 12 42.37	.....	+16 42 29.9	....
	February 13, Br.												
16	Sun I, N.	8	44 40.52	+ 0.06	− 4.20	307 49 57.50	43.210	− 6.06	−1 14.3	21 44 36.38	+66.98	−13 13 7.2	....
17	Sun II, S.	9	46 54.48	+ 0.06	− 4.20	307 17 52.50	42.290	− 6.06	−1 15.8	21 46 50.34	−66.98	−13 45 35.3	....
18	π^5 Orionis	9	49 25.72	− 0.03	− **4.17**	323 19 53.40	42.405	− 5.42	− 43.3	4 49 21.51	.....	+ 2 17 1.6	....
19	ε Aurigæ	9	55 18.17	− 0.22	− 4.18	4 41 55.98	45.758	− 5.42	+ 4.9	4 55 13.77	.....	+43 41 9.0	....
20	η Aurigæ	9	0 0.13	− 0.19	− 4.18	2 7 55.22	44.215	− 5.42	+ 2.2	4 59 55.76	.....	+41 6 30.3	....
21	ζ Draconis s. p.	9	8 31.78	+ 1.60	− 4.18	75 7 58.68	44.900	− 5.42	+3 36.8	17 8 29.20	.....	+65 49 35.9	....
22	λ Leporis	9	15 19.30	− 0.04	− 4.18	307 45 52.55	44.595	− 5.42	−1 14.9	5 15 15.08	− 0.37	−13 16 40.7	+17.5
23	β Tauri	9	20 25.69	− 0.10	− **4.18**	349 33 54.40	42.582	− 5.42	− 10.6	5 20 21.41	.....	+28 32 39.3	....
24	δ Orionis	9	27 16.87	− 0.03	− **4.17**	320 39 52.92	44.360	− 5.42	− 47.6	5 27 12.66	.....	− 0 22 18.5	....
25	ζ Orionis	9	36 5.62	− 0.03	− **4.18**	319 1 52.55	46.025	− 5.42	− 50.5	5 36 1.41	.....	− 1 59 43.7	....
26	ζ Leporis	9	42 46.55	− 0.05	− 4.18	306 11 50.62	42.205	− 5.42	−1 19.4	5 42 42.32	.....	−14 51 41.8	....
27	η Leporis	9	52 12.20	− 0.05	− 4.18	306 51 51.60	42.955	− 5.42	−1 17.5	5 52 7.97	− 0.57	−14 11 21.8	+17.2
28	δ Ursæ Minoris s. p.	4	2 18.38	+ 8.57	− 4.18	54 23 57.20	42.922	− 5.42	+1 21.4	18 2 22.77	.....	+86 36 37.9	....
	February 13, Ei.-Y.												
29	ι Geminorum	9	19 58.45	− 0.10	− **4.05**	348 59 58.38	46.055	− 4.98	− 11.3	7 19 54.29	.....	+27 59 2.4	....
30	β Canis Minoris	9	22 8.21	− 0.04	− **4.06**	329 29 56.10	46.002	− 4.98	− 34.4	7 22 4.11	.....	+ 8 28 35.9	....
31	B. D.+24°1686.	9	26 17.51	− 0.08	− 4.06	345 43 58.25	43.550	− 4.98	− 14.8	7 26 13.37	− 0.87	+24 42 1.5	+ 7.8
32	B. D.+25°1704.	9	28 3.54	− 0.08	− 4.06	346 37 58.02	43.658	− 4.98	− 13.9	7 27 59.40	− 0.88	+25 36 4.6	+ 7.6
33	B. D.+24°1730.	9	33 36.34	− 0.08	− 4.06	345 27 57.48	43.708	− 4.98	− 15.1	7 33 32.20	− 0.89	+24 26 4.1	+ 7.9
34	B. D.+29°1590.	9	37 31.46	− 0.10	− 4.06	350 7 57.00	44.888	− 4.98	− 10.1	7 37 27.30	− 0.92	+29 6 35.5	+ 7.1
35	β Geminorum	9	39 39.07	− 0.10	− **4.08**	349 15 57.12	46.358	− 4.98	− 11.0	7 39 34.91	.....	+28 15 8.3	....
36	B. D.+21°1679.	9	40 39.99	− 0.05	− 4.06	342 21 56.52	46.100	− 4.98	− 18.6	7 40 35.88	− 0.89	+21 20 54.3	+ 8.6
37	B. D.+25°1773.	9	45 21.36	− 0.08	− 4.06	346 21 57.38	45.632	− 4.98	− 14.1	7 45 17.22	− 0.92	+25 20 48.9	+ 7.9
38	B. D.+20°1946.	9	50 15.91	− 0.06	− 4.06	341 9 56.85	43.342	− 4.98	− 19.9	7 50 11.79	− 0.91	+20 7 50.3	+ 8.9
39	ω^1 Cancri	9	55 19.87	− 0.08	− 4.06	346 39 58.00	45.940	− 4.98	− 13.8	7 55 15.73	.....	+25 38 56.9	....
40	B. D.+15°1734.	9	57 29.55	− 0.05	− 4.06	336 13 56.18	45.470	− 4.98	− 25.7	7 57 25.44	− 0.92	+15 12 32.4	+ 9.7
41	B. D.+23°1887.	9	0 49.39	− 0.07	− 4.06	343 55 56.60	44.058	− 4.98	− 16.8	8 0 45.26	− 0.94	+22 54 9.5	+ 8.5
42	B. D.+16°1642.	9	2 51.78	− 0.05	− 4.06	337 41 55.62	47.075	− 4.98	− 23.9	8 2 47.67	− 0.93	+16 41 10.4	+ 9.5
43	ζ Cancri	9	6 54.49	− 0.05	− 4.06	338 57 56.55	43.238	− 4.98	− 22.5	8 6 50.38	.....	+17 55 45.0	....
44	B. D.+19°1963.	9	10 38.94	− 0.06	− 4.06	339 59 55.88	45.935	− 4.98	− 21.3	8 10 34.82	− 0.94	+18 58 47.2	+ 9.2
45	B. D.+22°1915.	9	16 2.51	− 0.07	− 4.06	343 13 56.75	44.660	− 4.98	− 17.6	8 15 58.38	− 0.96	+22 12 22.6	+ 8.7
46	B. D.+20°2079.	9	19 27.58	− 0.06	− 4.06	341 29 56.05	41.988	− 4.98	− 19.6	8 19 23.46	− 0.96	+20 27 18.8	+ 9.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 21 35	30.17	36.0	35.2
4 49	30.28	32.4	33.1
5 14	......	....	32.8
5 31	......	....	32.2
5 48	30.33	32.1	31.8
6 9	......	....	31.1
6 22	......	....	30.9
6 45	30.34	30.7	30.0
7 17	......	....	29.1
7 32	30.38	29.4	28.8
13 21 47	29.86	48.2	49.3
4 47	29.795	45.0	45.8
5 6	......	....	46.0
5 23	......	....	45.8
5 31	29.79	44.8	....
5 46	......	....	45.0
6 13	29.79	43.9	45.0
7 17	29.77	41.7	42.3
7 43	......	....	42.2
8 4	29.75	41.5	41.9

Micrometer bisections are made at II, VI, except as noted below.

1, 16, 35. Bisections at I, II.
2, 9, 17. Bisections at VI, VII.
4. Bisections at I, II, VI, VII.
7, 8. Bisections at II, VI, VII.
10, 21. Bisections at III, IV, V.
19, 20. Bisections at III, V.
28. Bisections at b_3, b_5, b_7.

Notes.

4, 6. Poor image.
29–46. Slightly unsteady.
37, 38, 42, 43. Haze.
43. Assumed that mean of close double was observed.
46. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 7.1	+16 13.7	...	+16 20.8
2	+ 7.1	−16 13.8	...	−16 6.7
16	+ 7.0	−16 14.0	...	−16 7.0
17	+ 7.1	+16 14.0	...	+16 21.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+23°1960........	9	21 58.30	− 0.07	− 4.06	344 29 57.12	42.468	− 4.98	− 16.2	8 21 54.17	− 0.97	+23 27 34.2	+ 8.6
2	θ Cancri..................	9	26 19.38	− 0.05	− 4.06	339 25 56.40	45.545	− 4.98	− 21.9	8 26 15.27	− 0.96	+18 24 38.2	+ 9.3
3	η Cancri..................	8	27 21.59	− 0.06	− **4.06**	341 45 56.72	47.775	− 4.98	− 19.2	8 27 17.47	.....	+20 45 32.1	....
4	B. D.+15°1851........	9	30 56.62	− 0.05	− 4.06	336 39 55.12	44.658	− 4.98	− 25.2	8 30 52.51	− 0.97	+15 38 13.3	+ 9.6
5	B. D.+20°2149........	9	34 23.85	− 0.06	− 4.06	341 7 56.58	45.010	− 4.98	− 20.0	8 34 19.73	− 0.97	+20 6 28.0	+ 9.1
6	B. D.+20°2172........	9	35 24.62	− 0.06	− 4.06	341 3 56.12	46.520	− 4.98	− 20.0	8 35 20.50	− 0.97	+20 3 2.1	+ 9.1
7	B. D.+13°1972........	9	38 6.70	− 0.04	− 4.06	334 1 55.02	46.762	− 4.98	− 28.5	8 38 2.60	− 0.98	+13 0 58.0	+ 9.9
8	B. D.+22°1988........	8	41 6.06	− 0.07	− 4.06	343 43 57.28	42.630	− 4.98	− 17.1	8 41 1.93	− 0.98	+22 41 37.2	+ 8.8
9	B. D.+15°1917........	9	45 52.51	− 0.05	− 4.06	336 43 55.22	43.692	− 4.98	− 25.1	8 45 48.40	− 0.98	+15 41 51.4	+ 9.6
10	B. D.+17°1973........	9	50 10.41	− 0.05	− 4.06	338 35 56.32	47.145	− 4.98	− 22.9	8 50 6.30	− 0.98	+17 35 13.6	+ 9.4
11	B. D.+21°1952........	9	53 37.20	− 0.07	− 4.06	342 33 56.90	43.095	− 4.98	− 18.4	8 53 33.07	− 0.99	+21 31 46.1	+ 9.0
12	B. D.+23°2035........	9	58 3.32	− 0.07	− 4.06	343 59 56.92	45.880	− 4.98	− 16.7	8 57 59.19	− 0.99	+22 58 51.5	+ 8.9
13	B. D.+15°1977........	9	1 13.81	− 0.05	− 4.06	336 39 55.50	46.510	− 4.98	− 25.2	9 1 9.70	− 0.99	+15 38 56.0	+ 9.5
14	ξ Cancri..................	9	4 2.54	− 0.07	− 4.06	343 27 55.82	42.255	− 4.98	− 17.4	9 3 58.41	− 0.99	+22 25 26.9	+ 9.0
15	B. D.+18°2138........	9	6 45.36	− 0.05	− 4.06	339 27 55.38	42.960	− 4.98	− 21.9	9 6 41.25	− 0.99	+18 25 38.1	+ 9.3
16	θ Hydræ..................	9	9 33.69	− 0.03	− **4.09**	323 43 55.55	46.220	− 4.98	− 42.9	9 9 29.60	.....	+ 2 42 31.8	....
17	B. D.+19°2187........	9	11 15.78	− 0.06	− 4.06	340 13 56.58	43.875	− 4.98	− 21.0	9 11 11.66	− 0.99	+19 12 1.1	+ 9.3
18	B. D.+10°1972........	9	14 32.43	− 0.04	− 4.06	331 11 55.42	47.142	− 4.98	− 32.2	9 14 28.33	− 1.01	+10 11 3.4	+ 9.7
19	B. D.+11°2027........	9	18 41.49	− 0.04	− 4.06	332 29 55.32	43.785	− 4.98	− 30.5	9 18 37.39	− 1.00	+11 27 48.3	+ 9.6
20	α Hydræ..................	9	23 3.36	− 0.04	− **4.04**	312 47 54.88	42.622	− 4.98	−1 3.4	9 22 59.26	.....	− 8 15 11.6	....
21	ξ Leonis..................	9	26 57.99	− 0.04	− **4.09**	332 45 55.85	41.242	− 4.98	− 30.3	9 26 53.89	.....	+11 42 50.9	....
	February 14, Bs.												
22	Sun I, S..................	9	48 35.44	− 0.04	− 3.89	307 37 54.62	42.592	− 4.85	−1 14.4	21 48 31.51	+66.81	−13 25 22.1	....
23	Sun II, N................	9	50 49.05	− 0.04	− 3.89	308 9 55.92	43.645	− 4.85	−1 13.0	21 50 45.12	−66.80	−12 52 55.9	....
	February 15, Hl.												
24	Sun I, N..................	9	52 29.51	− 0.06	− 4.11	308 29 51.65	45.010	− 2.81	−1 17.1	21 52 25.34	+66.72	−12 32 31.2	....
25	Sun II, S................	9	54 42.96	− 0.06	− 4.11	307 57 52.92	43.985	− 2.81	−1 18.6	21 54 38.79	−66.73	−13 4 55.7	....
26	ε Ursæ Minoris s. p......	9	55 29.92	+ 4.91	− 4.08	58 47 57.28	45.224	− 2.92	+1 41.6	16 55 30.75	.....	+82 11 21.9	....
27	ζ Draconis s. p...........	9	8 31.41	+ 1.95	− 4.08	75 7 59.50	44.174	− 2.92	+3 49.4	17 8 29.28	.....	+65 49 36.3	....
28	β Tauri..................	9	20 25.56	− 0.09	− **4.09**	349 33 56.68	42.410	− 2.92	− 11.3	5 20 21.39	.....	+28 31 39.4	....
29	158 H¹. Cephei...........	9	32 3.78	− 6.55	− 4.08	46 9 58.80	43.207	− 2.92	+1 4.2	5 31 53.15	.....	+85 9 15.3	....
30	η Leporis................	9	52 11.98	+ 0.05	− 4.08	306 51 53.15	43.048	− 2.92	−1 22.0	5 52 7.95	− 0.54	−14 11 20.1	+17.5
31	δ Ursæ Minoris s. p......	9	2 17.56	+10.65	− 4.08	54 23 59.02	42.515	− 2.92	+1 26.1	18 2 24.13	.....	+86 36 38.3	....
32	β Canis Majoris..........	9	18 38.42	+ 0.05	− **4.14**	303 7 52.82	44.960	− 2.92	−1 34.1	6 18 34.39	.....	−17 54 48.8	....
33	λ Canis Majoris..........	9	24 46.12	+ 0.01	− 4.08	288 31 52.32	46.870	− 2.92	−3 1.8	6 24 42.05	− 0.90	−32 31 33.3	+20.2
34	ψ⁵ Aurigæ................	9	40 3.18	− 0.25	− 4.08	4 41 56.85	43.350	− 2.92	+ 5.1	6 39 58.85	.....	+43 40 17.4	....
35	θ Canis Majoris..........	9	49 54.26	+ 0.05	− **4.10**	309 7 53.40	42.398	− 2.92	−1 15.8	6 49 50.23	.....	−11 55 28.5	....
36	22 Monocerotis...........	9	7 8.72	+ 0.04	− 4.08	320 41 53.92	44.095	− 2.92	− 50.5	7 7 4.68	.....	− 0 20 23.9	....
37	δ Geminorum..............	9	14 35.53	− 0.04	− **4.01**	343 11 56.05	41.695	− 2.92	− 18.6	7 14 31.41	.....	+22 9 15.2	....
[illegible]	ι Geminorum..............	9	19 58.41	− 0.08	− **4.05**	348 59 57.65	46.040	− 2.92	− 12.0	7 19 54.25	.....	+27 59 2.7	....
	February 16, Br.												
[illegible]	Sun I, S..................	9	56 22.89	+ 0.11	− 4.06	308 17 54.90	45.412	− 3.39	−1 17.5	21 56 18.94	+66.77	−12 44 20.0	....
40	Sun II, N................	9	58 36.43	+ 0.11	− 4.06	308 49 53.95	46.710	− 3.39	−1 16.1	21 58 32.48	−66.77	−12 11 50.5	....
41	λ Eridani................	9	4 43.11	+ 0.05	− 4.06	312 9 54.08	44.010	− 3.88	−1 7.5	5 4 39.10	− 0.25	− 8 52 43.6	+16.7
42	λ Aurigæ.................	9	12 36.44	− 0.21	− 4.06	1 1 57.60	45.338	− 3.88	+ 1.2	5 12 32.17	.....	+40 0 58.8	....
43	λ Leporis................	9	15 19.06	+ 0.05	− 4.06	307 45 54.75	44.565	− 3.88	−1 18.8	5 15 15.05	− 0.32	−13 16 41.6	+17.8
44	β Tauri..................	9	20 25.56	− 0.09	− **4.11**	349 33 56.02	42.430	− 3.88	− 11.2	5 20 21.41	.....	+28 31 38.4	....
45	δ Orionis................	9	27 16.66	+ 0.04	− **4.07**	320 39 54.45	44.288	− 3.88	− 50.1	5 27 12.64	.....	− 0 22 19.5	....
46	158 H¹. Cephei...........	8	32 4.30	− 6.61	− 4.06	46 9 58.20	43.352	− 3.88	+1 3.9	5 31 53.63	.....	+85 9 16.6	....
47	ζ Leporis................	9	42 46.26	+ 0.05	− 4.06	306 11 52.78	42.200	− 3.88	−1 23.5	5 42 42.25	.....	−14 51 42.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 8 24	.....	.....	42.0
8 47	29.745	40.4	42.0
9 5	.....	.....	42.0
[illegible]	29.725	39.8	39.1
14 21 51	29.615	53.7	55.0
15 21 55	29.99	24.4	22.7
4 41	30.06	25.3	24.0
5 4	.....	.....	23.9
5 23	.....	.....	23.5
5 40			[illegible]
5 48	30.07	24.5	
6 14	.....	.....	22.9
6 30	.....	.....	22.2
6 54	30.095	23.7	22.1
7 10			21.9
7 28	30.10	22.9	21.7
16 21 59	30.22	28.3	27.0
5 2	30.22	28.3	28.3
5 19		.....	28.1
5 46			27.8

Micrometer bisections are made at II, VI, except as noted below.

1, 3, 7, 11, 13, 16, 18, 19.	Bisections at II, VII.
2, 5, 22, 24, 39.	Bisections at I, II.
17, 23, 25, 40.	Bisections at VI, VII.
26.	Bisections at II, III, V, VI.
27.	Bisections at I, II, III, V.
29, 31.	Bisections at b_4, b_5, b_6.
42.	Bisections at III, V.
46.	Bisections at b_2, b_5, b_8.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
22	+ 7.0	+16 13.1	...	+16 20.1
23	+ 7.0	−16 13.1	...	−16 6.1
24	+ 6.9	−16 12.2	...	−16 5.3
25	+ 7.0	+16 12.2	...	+16 19.2
39	+ 7.0	+16 14.7	...	+16 21.7
40	+ 6.9	−16 14.7	...	−16 7.8

Notes.

26.	Poor image.
26, 29, 31.	Microscopes read at beginning and end of observation.
46.	Revolutions of micrometer reading assumed.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Leporis	9	52 11.97	+ 0.05	− 4.06	306 51 53.45	42.982	− 3.88	−1 21.6	5 52 7.96	− 0.53	−14 11 21.9	+17.6
2	1 Geminorum	9	58 29.06	− 0.05	**− 4.06**	344 17 56.30	43.710	− 3.88	− 17.2	5 58 24.95	.....	+23 16 1.9	....
3	Groombridge 1004	9	11 9.28	−10.15	− 4.06	47 45 59.78	44.204	− 3.88	+1 7.7	6 10 55.07	−11.59	+86 45 41.2	− 8.0
4	β Canis Majoris	9	18 38.37	+ 0.05	**− 4.10**	303 7 53.48	44.870	− 3.88	−1 33.7	6 18 34.36	.....	−17 54 50.8	....
5	λ Canis Majoris	9	24 46.03	+ 0.01	− 4.06	288 31 52.80	46.748	− 3.88	−3 0.9	6 24 41.98	− 0.88	−32 31 35.7	+20.4
6	Neptune C, C	9	34 3.77	− 0.04	− 4.06	343 17 56.72	44.088	− 3.88	− 18.4	6 33 59.67	.....	+22 16 9.7	....
7	ψ⁵ Aurigæ	9	40 3.15	− 0.26	− 4.06	4 41 57.78	43.362	− 3.88	+ 5.1	6 39 58.83	.....	+43 40 17.8	....
8	θ Canis Majoris	9	49 54.16	+ 0.05	**− 4.01**	309 7 54.25	42.330	− 3.88	−1 15.3	6 49 50.15	.....	−11 55 29.7	....
9	υ Draconis s. P.	9	55 32.32	+ 2.35	− 4.06	69 47 59.52	45.588	− 3.88	+2 46.3	18 55 30.61	+ 2.61	+71 10 8.2	+ 7.9
10	45 Geminorum	9	3 3.48	− 0.01	− 4.06	337 5 55.78	45.955	− 3.88	− 25.9	7 2 59.41	− 0.76	+16 4 44.0	+ 9.5
11	22 Monocerotis	9	7 8.68	+ 0.04	− 4.06	320 41 53.88	44.078	− 3.88	− 50.2	7 7 4.66	.....	− 0 20 25.0	....
12	64 Aurigæ	9	11 35.43	− 0.22	− 4.06	2 3 57.25	45.432	− 3.88	+ 2.3	7 11 31.15	− 0.94	+41 3 1.8	+ 3.7
13	δ Geminorum	9	14 35.54	− 0.04	**− 4.03**	343 11 56.32	41.682	− 3.88	− 18.5	7 14 31.44	.....	+22 9 14.3	....
14	225 B. Draconis s. P.	5	27 19.27	+ 3.79	− 4.06	61 34 0.12	46.267	− 3.88	+1 53.4	19 27 19.00	+ 4.66	+79 24 45.1	+ 5.8
15	25 Monocerotis	9	32 41.21	+ 0.05	− 4.06	317 7 55.32	44.735	− 3.88	− 56.9	7 32 37.20	.....	− 3 54 15.2	....
16	26 Monocerotis	9	36 50.29	+ 0.05	− 4.06	311 41 54.12	45.662	− 3.88	−1 8.8	7 36 46.28	.....	− 9 20 7.2	....
17	π Geminorum	9	41 31.99	− 0.13	− 4.06	354 39 56.42	45.055	− 3.88	− 5.7	7 41 27.80	.....	+33 38 44.2	....
18	26 Lyncis	9	47 57.84	− 0.32	− 4.06	8 49 57.00	43.762	− 3.88	+ 9.6	7 47 53.46	.....	+47 48 30.6	....
	February 16, Hl.												
19	θ Virginis	9	5 9.54	+ 0.09	**− 4.07**	315 59 54.62	44.845	− 3.27	− 59.4	13 5 5.58	.....	− 5 2 15.3	....
20	r Centauri	9	11 44.74	+ 0.07	− 4.05	290 3 54.42	43.870	− 3.27	−2 47.2	13 11 40.76	− 0.96	−31 0 25.5	− 5.4
21	α Ursæ Minoris s. P.	7	24 24.41	+31.41	− 4.05	52 11 59.88	43.200	− 3.27	+1 19.6	1 24 51.77	.....	+88 48 28.5	....
22	89 Virginis	9	44 50.26	+ 0.10	**− 4.08**	303 23 53.10	42.095	− 3.27	−1 33.4	13 44 46.31	.....	−17 39 53.7	....
23	47 Hydræ	9	53 19.12	+ 0.09	− 4.05	296 31 52.52	46.560	− 3.27	−2 2.9	13 53 15.16	− 0.60	−24 30 41.7	− 5.4
24	τ Virginis	9	56 56.02	+ 0.07	**− 4.02**	323 1 56.48	44.688	− 3.27	− 46.4	13 56 52.04	.....	+ 1 59 55.9	....
25	f Boötis	6	22 9.22	0.00	**− 4.05**	340 39 55.85	46.105	− 3.27	− 21.6	14 22 5.17	.....	+19 38 52.4	....
26	204 B. Boötis	9	25 58.92	− 0.23	− 4.05	3 13 57.98	45.365	− 3.27	+ 3.6	14 25 54.64	− 0.07	+42 13 2.7	+12.1
27	μ Virginis	9	38 10.42	+ 0.09	**− 3.99**	315 47 54.22	43.005	− 3.27	−1 0.1	14 38 6.46	.....	− 5 14 58.5	....
28	μ Libræ (*brighter*)	5	44 13.94	+ 0.10	− 4.05	307 17 53.85	42.872	− 3.27	−1 21.1	14 44 9.99	− 0.20	−13 45 22.8	− 3.4
29	57 B. Ursæ Minoris	9	7 34.33	−14.73	− 4.05	48 35 59.72	43.592	− 3.27	+1 10.3	15 7 15.55	.....	+87 35 30.7	....
30	α Serpentis	9	39 42.06	+ 0.06	**− 4.08**	327 43 54.02	47.920	− 3.27	− 39.0	15 39 38.07	.....	+ 6 43 14.7	....
31	χ Lupi	9	45 2.88	+ 0.06	− 4.05	287 43 54.58	45.352	− 3.27	−3 11.4	15 44 58.89	+ 0.10	−33 20 15.7	−11.4
32	Moon II, S	9	59 56.49	+ 0.10	− 4.03	302 5 54.68	43.502	− 3.41	−1 38.6	16 59 52.56	−70.32	−18 57 25.3	....
	February 17, Hl.												
33	Sun I, S	9	0 15.59	+ 0.09	− 4.02	308 37 53.85	47.640	− 3.53	−1 15.3	22 0 11.66	+66.64	−12 23 28.0	....
34	Sun II, N	9	2 28.88	+ 0.09	− 4.02	309 9 55.25	48.692	− 3.53	−1 13.9	22 2 24.95	−66.65	−11 51 1.8	....
35	δ Ursæ Minoris s. P.	9	2 18.00	+10.49	− 3.99	54 24 0.31	42.515	− 3.58	+1 24.9	18 2 24.50	.....	+86 36 38.8	....
36	51 H. Cephei	8	57 11.01	−11.52	− 3.99	48 12 0.54	44.902	− 3.58	+1 8.2	6 56 55.50	.....	+87 11 59.1	....
37	225 B. Draconis s. P.	9	27 19.06	+ 3.71	− 3.99	61 34 1.02	46.195	− 3.58	+1 52.4	19 27 18.78	+ 4.60	+79 24 45.8	+ 6.0
38	25 Monocerotis	9	32 41.11	+ 0.06	− 3.99	317 7 53.85	44.790	− 3.58	− 56.4	7 32 37.18	.....	− 3 54 14.7	....
39	26 Lyncis	9	47 57.76	− 0.30	− 3.99	8 49 56.58	43.750	− 3.58	+ 9.5	7 47 53.47	.....	+47 48 30.0	....
40	χ Geminorum	9	57 49.86	− 0.07	**− 3.99**	349 3 57.18	47.042	− 3.58	− 11.7	7 57 45.80	.....	+28 3 24.7	....
41	ζ Cancri	9	6 54.30	0.00	− 3.99	338 57 55.15	43.315	− 3.58	− 23.4	8 6 50.31	.....	+17 55 45.9	....
42	β Cancri	9	11 30.04	+ 0.03	**− 4.01**	330 29 54.68	45.480	− 3.58	− 34.4	8 11 26.08	.....	+ 9 28 23.9	....
43	30 Monocerotis	9	21 2.84	+ 0.06	**− 3.98**	317 25 54.72	45.022	− 3.58	− 55.9	8 20 58.91	.....	− 3 36 8.0	....
44	σ Hydræ	9	33 55.65	+ 0.05	− 3.99	324 41 55.40	45.190	− 3.58	− 43.2	8 33 51.71	.....	+ 3 40 9.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 5 56	30.22	27.8	....
6 26	....	....	27.1
6 44	....	....	27.1
7 15	30.22	27.0	27.0
7 51	30.22	26.9	26.6
12 54	30.20	24.8	24.6
13 15	....	....	24.7
13 34	....	....	24.0
13 50	....	....	24.0
14 3	30.20	24.5	23.9
14 16	....	....	23.8
14 32	....	....	23.1
14 51	....	....	23.0
15 16	30.20	23.8	23.0
15 46	....	....	22.5
15 55	30.21	23.0	22.1
17 3	30.23	23.1	22.1
17 22 2	30.24	35.7	35.0
5 48	30.145	30.8	31.1
6 44	30.13	29.3	30.0
7 5	....	....	29.7
7 40	....	....	29.3
7 54	....	....	29.1
8 12	....	....	28.9
8 17	30.11	28.3	....
8 25	....	....	28.1
8 31	....	....	28.0

Micrometer bisections are made at II, VI, except as noted below.

3.	Bisections at b_1, b_3, b_5, b_7, b_9.
6.	Bisections at I, II, VI, VII.
7, 9, 12, 18.	Bisections at III, V.
10, 15, 28, 33.	Bisections at I, II.
14.	Bisections at b_1, b_3, b_5.
21, 29, 35, 36.	Bisections at b_4, b_5, b_6.
26, 34.	Bisections at VI, VII.
32.	Bisections at II, III, IV, V, VI.

Notes.

3.	Right ascension observed chronographically.
5.	Unsteady.
28.	Assumed that brighter was observed.
35–44.	Haze and clouds.
35, 36.	Microscopes read before and after observation.
41.	Mean of close double observed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 0.1	.. ....	...	+ 0.1
32	+49 40.2	+16 3.7	...	+65 43.9
33	+ 6.9	+16 13.1	...	+16 20.0
34	+ 6.9	−16 13.1	...	−16 6.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Mali	9	39 54.42	+ 0.02	− 3.99	288 13 52.65	43.012	− 3.58	−3 3.2	8 39 50.45	.....	−32 51 3.2	....
2	γ Pyxidis	9	46 37.92	+ 0.04	− 3.99	293 43 54.75	38.850	− 3.58	−2 18.1	8 46 33.97	− 1.39	−27 21 51.1	+12.8
3	ζ Hydræ	9	50 30.54	+ 0.04	**− 3.96**	327 19 53.85	44.848	− 3.58	− 39.1	8 50 26.59	.....	+ 6 18 3.9	....
4	κ Cancri	9	2 44.42	+ 0.03	**− 3.99**	332 3 55.22	46.115	− 3.58	− 32.3	9 2 40.46	.....	+11 2 41.0	....
5	θ Hydræ	9	9 33.52	+ 0.05	**− 4.00**	323 43 54.00	46.290	− 3.58	− 44.7	9 9 29.58	.....	+ 2 42 31.4	....
6	83 Cancri	9	13 49.22	0.00	**− 3.99**	339 7 55.15	44.245	− 3.58	− 23.2	9 13 45.23	.....	+18 6 7.3	....
	February 19, Bs.												
7	Sun I, N	9	7 59.10	+ 0.09	− 3.68	309 53 57.38	43.728	− 4.63	−1 9.0	22 7 55.51	+66.31	−11 8 48.7	....
8	Sun II, S	9	10 11.73	+ 0.09	− 3.68	309 21 53.30	42.872	− 4.63	−1 10.4	22 10 8.14	−66.32	−11 41 14.4	....
9	ξ Aurigæ	9	47 3.04	− 0.42	− 3.67	16 41 58.65	45.210	− 3.93	+ 17.7	5 46 58.95	.....	+55 41 13.2	....
10	α Orionis	9	50 9.13	− 0.04	**− 3.65**	328 25 54.38	42.512	− 3.94	− 36.1	5 50 5.42	.....	+ 7 23 13.7	....
11	θ Aurigæ	9	53 23.15	− 0.17	− 3.67	358 13 58.70	43.888	− 3.95	− 1.8	5 53 19.31	.....	+37 12 23.7	....
12	66 Orionis	9	0 4.52	− 0.04	− 3.67	325 11 55.00	43.898	− 3.97	− 40.8	6 0 0.81	− 0.48	+ 4 9 41.3	+12.8
13	36 Camelopardalis	9	3 29.38	− 0.75	− 3.67	26 45 58.75	42.488	− 3.98	+ 29.8	6 3 24.96	− 1.29	+65 44 23.1	− 5.7
14	41 Draconis s. p.	9	7 6.93	+ 3.21	− 3.67	61 0 0.72	44.997	− 3.99	+1 46.2	18 7 6.47	+ 3.72	+79 59 20.7	+10.2
15	ψ¹ Aurigæ	9	17 44.47	− 0.31	− 3.67	10 21 57.95	42.938	− 4.03	+ 10.8	6 17 40.49	.....	+49 20 13.7	....
16	6 Lyncis	9	22 42.68	− 0.48	− 3.67	19 15 58.82	41.900	− 4.05	+ 20.7	6 22 38.53	− 1.08	+58 14 0.6	− 2.5
17	Neptune C, C	9	33 51.43	− 0.08	− 3.67	343 17 57.15	44.788	− 4.08	− 17.6	6 33 47.68	.....	+22 16 26.8	....
18	ξ Geminorum	9	40 5.28	− 0.05	**− 3.71**	334 1 54.72	43.415	− 4.10	− 28.7	6 40 1.56	.....	+12 59 41.9	....
19	κ Canis Majoris	9	46 24.67	− 0.12	− 3.67	288 39 54.48	44.498	− 4.13	−2 52.5	6 46 20.88	− 0.95	−32 24 17.3	+20.0
20	β Canis Majoris	9	49 53.86	− 0.04	**− 3.66**	309 5 54.70	47.490	− 4.14	−1 12.3	6 49 50.15	.....	−11 55 28.6	....
21	h Geminorum	9	57 36.67	− 0.12	− 3.67	350 29 56.90	47.622	− 4.16	− 9.8	6 57 32.88	− 0.76	+29 29 39.0	+ 6.0
22	63 Aurigæ	9	5 16.24	− 0.19	− 3.67	0 29 58.32	43.952	− 4.19	+ 0.6	7 5 12.38	.....	+39 28 26.9	....
23	λ Geminorum	9	12 46.02	− 0.06	**− 3.65**	337 43 55.08	45.315	− 4.21	− 24.1	7 12 42.29	.....	+16 42 30.2	....
24	τ Draconis s. p.	9	17 20.30	+ 2.07	− 3.67	67 47 59.42	45.005	− 4.23	+2 24.3	19 17 18.70	.....	+73 10 43.6	....
25	143 B. Camelopardalis	9	21 12.86	− 0.90	− 3.67	29 39 58.60	45.485	− 4.24	+ 33.7	7 21 8.29	.....	+68 39 35.0	....
26	ο Geminorum	9	33 6.63	− 0.15	− 3.67	355 49 56.68	42.992	− 4.28	− 4.3	7 33 2.81	− 0.91	+34 47 58.3	+ 5.4
27	κ Geminorum	9	38 51.14	− 0.09	**− 3.69**	345 39 56.48	41.820	− 4.30	− 15.1	7 38 47.38	.....	+24 37 20.6	....
28	φ Geminorum	8	47 49.50	− 0.10	**− 3.70**	348 1 57.35	44.635	− 4.33	− 12.5	7 47 45.73	.....	+27 0 28.4	....
29	ω¹ Cancri	9	55 19.41	− 0.10	− 3.67	346 39 57.08	45.950	− 4.35	− 14.0	7 55 15.64	.....	+25 38 56.6	....
30	27 Lyncis	9	1 28.72	− 0.35	− 3.67	12 47 57.92	43.990	− 4.37	+ 13.5	8 1 24.70	.....	+51 46 40.0	....
31	173 B. Camelopardalis	8	7 53.45	− 1.58	− 3.67	37 3 58.20	42.730	− 4.40	+ 44.9	8 7 48.20	.....	+76 2 42.4	....
32	κ Cephei s. p.	9	12 0.67	+ 2.64	− 3.67	63 31 59.28	49.008	− 4.41	+1 59.1	20 11 59.64	.....	+77 25 37.5	....
	February 19, Br.												
33	ι Boötis	9	12 54.86	− 0.36	− 3.91	12 47 56.42	47.162	− 4.74	+ 13.7	14 12 50.59	− 0.27	+51 47 51.0	+13.3
34	f Boötis	9	22 9.25	− 0.08	**− 3.91**	340 39 55.78	46.102	− 4.74	− 21.0	14 22 5.26	.....	+19 38 51.5	....
35	204 B. Boötis	9	25 58.94	− 0.23	− 3.91	3 13 56.72	45.470	− 4.74	+ 3.5	14 25 54.80	− 0.17	+42 13 2.4	+12.2
36	σ Boötis	9	30 39.46	− 0.13	− 3.91	351 9 56.30	46.082	− 4.74	− 9.3	14 30 35.42	− 0.16	+30 9 3.1	+10.0
37	μ Virginis	9	38 10.52	− 0.05	**− 3.87**	315 47 52.95	42.970	− 4.74	− 58.2	14 38 6.56	.....	− 5 15 0.1	....
38	ε Boötis	9	40 57.10	− 0.12	**− 3.92**	348 29 55.90	43.668	− 4.74	− 12.2	14 40 53.07	.....	+27 28 4.7	....
39	381 G. Centauri	9	50 2.87	− 0.14	− 3.91	287 35 53.18	45.150	− 4.74	−3 6.4	14 49 58.82	− 0.43	−33 28 18.2	− 9.7
40	δ Libræ	9	56 1.08	− 0.05	− 3.91	312 53 54.88	43.878	− 4.74	−1 4.4	14 55 57.12	− 0.18	− 8 8 43.6	− 1.2
41	ψ Boötis	9	0 29.09	− 0.12	**− 3.87**	348 19 56.08	45.312	− 4.74	− 12.3	15 0 25.06	.....	+27 18 42.3	....
42	57 B. Ursæ Minoris	9	7 33.39	−11.33	− 3.91	48 35 59.22	43.841	− 4.74	+1 8.1	15 7 18.15	.....	+87 35 31.8	....
43	ο² Libræ	9	17 51.17	− 0.06	− 3.91	306 13 51.78	47.002	− 4.74	−1 21.5	15 17 47.20	.....	−14 47 52.4	....
44	32 Libræ	9	23 1.24	− 0.06	**− 3.90**	304 37 53.10	48.765	− 4.74	−1 26.4	15 22 57.27	.....	−16 23 15.7	....
45	149 H¹. Cephei s. p.	6	35 52.23	+ 8.19	− 3.91	54 37 58.15	46.197	− 4.74	+1 24.6	3 35 56.51	− 1.40	+86 21 18.1	−12.4
46	α Serpentis	9	39 42.08	− 0.05	**− 3.90**	327 43 54.05	47.855	− 4.74	− 37.8	15 39 38.12	.....	+ 6 43 13.0	....
47	χ Lupi	9	45 3.02	− 0.14	− 3.91	287 43 53.98	45.045	− 4.74	−3 5.1	15 44 58.97	0.00	−33 20 18.5	−11.0
48	ρ Scorpii	9	51 8.69	− 0.12	− 3.91	292 7 53.28	43.578	− 4.74	−2 26.3	15 51 4.66	+ 0.06	−28 56 13.9	− 9.5
49	49 Libræ	9	55 6.82	− 0.06	− 3.91	304 47 52.15	43.360	− 4.74	−1 26.0	15 55 2.85	.....	−16 15 19.7	....
50	β¹ Scorpii	9	0 2.04	− 0.08	**− 3.96**	301 29 52.70	45.248	− 4.74	−1 37.4	15 59 58.05	.....	−19 32 47.4	....
51	151 H¹. Cephei s. p.	8	6 49.94	+ 6.46	− 3.91	55 41 58.00	42.637	− 4.74	+1 28.0	4 6 52.49	.....	+85 18 36.1	....
	February 20, Br.												
52	Sun I, N	9	11 50.06	− 0.01	− 3.89	310 13 54.35	47.348	− 3.80	−1 8.2	22 11 46.16	+66.25	−10 47 27.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 8 52	.	.	28.0
9 22	30.10	27.7	28.0
19 22 10	29.93	49.0	50.9
5 47	29.98	43.9	44.0
6 18	.....	.	43.0
6 34	29.99	42.8	42.8
7 5	.....	....	42.3
7 33	30.00	41.2	42.0
8 1	......	..	40.6
8 12	30.006	40.2	40.1
14 13	30.005	35.4	35.1
14 31	.....	. .	35.1
14 50	...	.	35.2
15 15	30.02	35.1	35.1
16 12	30.025	35.0	34.9
20 22 14	30.04	50.4	52.2

Micrometer bisections are made at II, VI, except as noted below.

7, 40, 41, 49, 50, 52.	Bisections at I, II.
8, 53.	Bisections at VI, VII.
14, 51.	Bisections at III, IV, V.
33, 35.	Bisections at III, V.
42.	Bisections at b_1, b_3, b_5, b_7, b_9.
45.	Bisections at b_5, b_8, b_9.

Notes.

1-6. Haze and clouds.

48. Very unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
7	+ 6.8	−16 12.8	...	−16 6.0
8	+ 6.9	+16 12.8	...	+16 19.7
17	+ 0.1	.. ..	...	+ 0.1
52	+ 6.8	−16 12.2	...	−16 5.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun II, S.	9	14 2.56	− 0.01	− 3.89	309 41 54.72	46.345	− 3.80	−1 9.5	22 13 58.66	−66.25	−11 19 51.8	....
2	130 Tauri	9	42 1.72	− 0.10	− 3.87	338 43 55.00	42.605	− 2.58	− 22.4	5 41 57.75	− 0.39	+17 41 31.5	+ 8.5
3	ξ Aurigæ	9	47 3.32	− 0.44	− 3.87	16 41 57.90	45.220	− 2.58	+ 17.4	5 46 59.01	.....	+55 41 13.9	....
4	β Aurigæ	9	52 42.88	− 0.28	− 3.87	5 57 57.90	43.390	− 2.58	+ 6.1	5 52 38.73	.....	+44 56 20.8	....
5	δ Ursæ Minoris s. p.	9	2 21.00	+ 8.31	− 3.87	54 23 59.20	42.770	− 2.58	+1 20.8	18 2 25.44	.....	+86 36 36.9	....
6	β Canis Majoris	9	18 38.28	− 0.12	− **3.90**	303 7 53.42	44.558	− 2.58	−1 28.3	6 18 34.29	.....	−17 54 51.3	....
7	λ Canis Majoris	9	24 45.98	− 0.19	− 3.87	288 31 54.10	46.152	− 2.58	−2 50.4	6 24 41.92	− 0.80	−32 31 36.2	+21.0
8	Neptune C, C.	9	33 47.95	− 0.12	− 3.87	343 17 56.32	44.946	− 2.58	− 17.3	6 33 43.96	.....	+22 16 31.4	....
9	ψ⁵ Aurigæ	9	40 2.94	− 0.27	− 3.87	4 41 58.12	43.322	− 2.58	+ 4.8	6 39 58.80	.....	+43 40 18.2	....
10	θ Canis Majoris	9	49 54.08	− 0.10	− **3.83**	309 7 53.90	42.102	− 2.58	−1 11.1	6 49 50.11	.....	−11 55 29.7	....
11	51 H. Cephei	9	57 10.11	− 9.23	− 3.87	48 11 59.68	45.134	− 2.58	+1 5.0	6 56 57.01	.....	+87 12 0.9	....
12	22 Monocerotis	9	7 8.62	− 0.10	− 3.87	320 41 55.08	43.850	− 2.58	− 47.4	7 7 4.65	.....	− 0 20 24.9	....
13	δ Geminorum	9	14 35.44	− 0.13	− **3.88**	343 11 56.45	41.585	− 2.58	− 17.5	7 14 31.44	.....	+22 9 14.5	....
14	ι Geminorum	9	19 58.22	− 0.16	− **3.82**	348 59 56.92	45.985	− 2.58	− 11.2	7 19 54.19	.....	+27 59 1.8	....
15	225 B. Draconis s. p.	8	27 20.42	+ 2.90	− 3.87	61 34 0.22	46.542	− 2.58	+1 47.1	19 27 19.45	+ 4.42	+79 24 43.6	+ 6.9
16	25 Monocerotis	9	32 41.15	− 0.10	− 3.86	317 7 54.60	44.542	− 2.58	− 53.8	7 32 37.19	.....	− 3 54 16.0	....
17	26 Monocerotis	9	36 50.30	− 0.11	− 3.86	311 41 53.75	45.442	− 2.58	−1 4.9	7 36 46.33	.....	− 9 20 7.4	....
18	π Geminorum	9	41 31.88	− 0.20	− 3.86	354 39 56.68	44.982	− 2.58	− 5.4	7 41 27.82	.....	+33 38 44.4	....
19	26 Lyncis	9	47 57.61	− 0.34	− 3.86	8 49 56.85	43.778	− 2.58	+ 9.1	7 47 53.41	.....	+47 48 31.6	....
20	χ Geminorum	9	57 49.78	− 0.17	− **3.83**	349 3 57.50	46.945	− 2.58	− 11.1	7 57 45.75	.....	+28 3 24.4	....
21	ζ Cancri	9	6 54.22	− 0.13	− 3.86	338 57 55.42	43.155	− 2.58	− 22.3	8 6 50.23	.....	+17 55 44.6	....
22	β Cancri	9	11 30.08	− 0.11	− **3.93**	330 29 54.38	45.308	− 2.58	− 32.7	8 11 26.11	.....	+ 9 28 22.3	....
	February 22, Hl.												
23	δ Ursæ Minoris s. p.	9	2 20.78	+ 8.57	− 3.74	54 23 58.45	42.778	− 3.79	+1 21.8	18 2 25.61	.....	+86 36 38.0	....
24	51 H. Cephei	9	57 8.72	− 9.55	− 3.74	48 11 58.98	45.170	− 3.79	+1 5.7	6 56 55.43	.....	+87 12 0.9	....
25	26 Monocerotis	9	36 50.12	− 0.10	− 3.74	311 41 52.88	45.612	− 3.79	−1 5.9	7 36 46.28	.....	− 9 20 6.5	....
26	π Geminorum	9	41 31.65	− 0.20	− 3.74	354 39 54.90	45.165	− 3.79	− 5.4	7 41 27.71	.....	+33 38 45.6	....
27	χ Geminorum	9	57 49.64	− 0.16	− **3.72**	349 3 55.15	47.160	− 3.79	− 11.3	7 57 45.74	.....	+28 3 25.6	....
28	β Cancri	9	11 29.90	− 0.10	− **3.77**	330 29 53.45	45.480	− 3.79	− 33.3	8 11 26.06	.....	+ 9 28 23.5	....
29	d¹ Cancri	9	18 3.75	− 0.12	− 3.74	339 39 53.65	43.800	− 3.79	− 21.8	8 17 59.89	.....	+18 37 56.8	....
30	181 B. Camelopardalis	9	29 24.33	− 1.37	− 3.74	34 57 56.52	45.170	− 3.79	+ 41.3	8 29 19.22	− 2.90	+73 57 34.0	− 0.8
31	a Mali	9	39 54.37	− 0.19	− 3.74	288 13 51.72	42.738	− 3.79	−2 56.7	8 39 50.44	.....	−32 51 4.1	....
32	γ Pyxidis	9	46 37.82	− 0.16	− 3.74	293 41 53.60	43.910	− 3.79	−2 13.3	8 46 33.92	− 1.36	−27 21 52.1	+13.8
33	ζ Hydræ	9	50 30.37	− 0.10	− **3.66**	327 19 52.90	44.828	− 3.79	− 37.8	8 50 26.53	.....	+ 6 18 3.6	....
34	ξ Cancri	9	4 2.28	− 0.14	− 3.74	343 27 55.45	42.235	− 3.79	− 17.5	9 3 58.40	− 1.00	+22 25 27.1	+ 8.7
35	θ Hydræ	8	9 33.36	− 0.09	− **3.70**	323 43 53.02	46.282	− 3.79	− 43.2	9 9 29.54	.....	+ 2 42 31.5	....
36	83 Cancri	9	13 49.01	− 0.12	− **3.65**	339 7 54.22	44.272	− 3.79	− 22.5	9 13 45.16	.....	+18 6 7.5	....
37	α Hydræ	9	23 3.07	− 0.10	− **3.68**	312 47 53.10	42.605	− 3.79	−1 3.6	9 22 59.24	.....	− 8 15 12.8	....
38	ξ Leonis	9	26 57.74	− 0.10	− **3.76**	332 43 55.02	46.482	− 3.79	− 30.4	9 26 53.91	.....	+11 42 50.9	....
	February 22, Bs.												
39	ι Cassiopeiæ s. p.	8	21 19.46	+ 1.61	− 3.47	73 57 58.88	47.050	− 4.56	+3 27.4	2 21 17.60	.....	+66 58 54.8	....
40	g Boötis	8	25 25.73	− 0.37	− 3.47	11 15 57.20	46.905	− 4.56	+ 12.1	14 25 21.89	− 0.30	+50 15 44.3	+13.1
41	σ Boötis	9	30 39.13	− 0.17	− 3.47	351 9 55.55	46.138	− 4.56	− 9.3	14 30 35.49	− 0.25	+30 9 3.9	+10.2
42	μ Virginis	9	38 10.27	− 0.08	− **3.51**	315 45 53.10	48.280	− 4.56	− 58.3	14 38 6.72	.....	− 5 14 58.6	....
43	ε Boötis	9	40 56.81	− 0.15	− **3.51**	348 29 55.55	43.742	− 4.56	− 12.2	14 40 53.19	.....	+27 28 6.2	....
44	μ Libræ (*brighter*)	8	44 13.76	− 0.10	− 3.47	307 17 52.85	42.840	− 4.56	−1 18.7	14 44 10.19	− 0.37	−13 45 23.5	− 2.3
45	2 H. Ursæ Minoris	9	56 9.46	− 0.81	− 3.47	27 19 57.85	42.002	− 4.56	+ 31.2	14 56 5.18	− 0.18	+66 18 11.9	+14.2
46	ψ Boötis	9	0 28.81	− 0.15	− **3.47**	348 19 55.78	45.332	− 4.56	− 12.4	15 0 25.19	.....	+27 18 42.6	....
47	57 B. Ursæ Minoris	9	7 31.89	−11.20	− 3.47	48 35 58.68	43.817	− 4.56	+1 8.3	15 7 17.22	.....	+87 35 31.1	....
48	o² Libræ	9	17 50.92	− 0.10	− 3.47	306 13 50.90	47.065	− 4.56	−1 21.8	15 17 47.35	.....	−14 47 52.0	....
49	32 Libræ	9	23 0.97	− 0.10	− **3.50**	304 39 52.20	43.568	− 4.56	−1 26.8	15 22 57.40	.....	−16 23 15.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 5 39	29.95	51.9	52.1
6 8	......	....	51.0
6 38	......	....	50.0
6 43	29.93	51.0	....
7 22	29.91	50.0	49.0
7 45	......	....	49.0
8 14	29.89	49.8	49.0
22 5 55	29.93	45.4	45.3
6 48	......	....	44.7
7 19	29.97	44.0	43.6
7 48	29.985	43.3	43.0
8 1	......	....	43.0
8 9	......	....	42.9
8 24	......	....	43.1
8 36	29.99	43.0	43.0
8 55	......	....	42.3
9 18	......	....	42.0
9 44	29.995	41.7	41.0
14 21	30.00	34.9	34.1
14 44	......	....	33.5
15 23	30.02	34.0	33.2

Micrometer bisections are made at II, VI, except as noted below.

1, 25. Bisections at VI, VII.
3, 4, 9, 19. Bisections at III, V.
5, 11, 47. Bisections at b_1, b_3, b_5, b_7, b_9.
8. Bisections at I, II, VI, VII.
10, 16. Bisections at I, II.
15, 30. Bisections at III, IV, V.
23, 24. Bisections at b_4, b_5, b_6.

Notes.

5. Very faint at times; clouds.
15. Very unsteady at times.
21. Mean of close double observed.
24. Microscopes read at beginning and end of observation.
44. Assumed that brighter was observed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.8	+16 12.2	...	+16 19.0
8	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ν^2 Boötis	9	28 28.74	− 0.25	− 3.47	2 13 56.42	45.232	− 4.56	+ 2.4	15 28 25.02	+ 0.08	+41 12 55.7	+12.0
2	149 H^1. Cephei s. p.	9	35 49.94	+ 8.04	− 3.47	54 37 57.98	46.145	− 4.56	+1 25.0	3 35 54.51	− 0.33	+86 21 18.8	−12.4
3	χ Lupi	9	45 2 75	− 0.18	− 3 47	287 43 52.48	45 205	− 4.56	−3 6.0	15 44 59.10	− 0.11	−33 20 17.0	−10.5
4	χ Herculis	9	49 29.09	− 0.27	− 3.47	3 43 56.55	44.565	− 4.56	+ 4.0	15 49 25.35	.....	+42 42 42.1	....
5	49 Libræ	9	55 6.54	− 0.10	− 3.47	304 47 52.00	43.395	− 4.56	−1 26.4	15 55 2.97	.....	−16 15 19.3	....
6	β^1 Scorpii	9	0 1.74	− 0.11	− **3.54**	301 29 52.02	45.290	− 4.56	−1 37.9	15 59 58.16	.....	−19 32 47.5	....
7	151 H. Cephei s. p.	9	6 48.27	+ 6.33	− 3.47	55 41 57.60	42.615	− 4.56	+1 28.4	4 6 51.13	.....	+85 18 36.5	....
8	ε Ophiuchi	9	13 24.19	− 0.08	− **3.49**	316 33 53.08	46.085	− 4.56	− 56.9	16 13 20.64	.....	− 4 27 47.3	....
	February 23, Bs.												
9	Sun I, S.	9	23 18.12	− 0.04	− 3.45	310 47 53.85	44.230	− 4.59	−1 7.6	22 23 14.63	+65.91	−10 14 39.3	....
10	Sun II, N.	7	25 29.93	− 0.04	− 3.45	311 19 52.62	45.250	− 4.59	−1 6.3	22 25 26.44	−65.90	− 9 42 16.6	....
11	μ Aurigæ	9	7 1.62	− 0.25	− 1.43	359 23 57.22	43.978	− 3.48	− 0.6	5 6 59.94	.....	+38 22 25.9	....
12	β Orionis	9	10 2.96	− 0.12	− **1.44**	312 43 55.12	43.492	− 3.48	−1 4.9	5 10 1.41	.....	− 8 18 51.5	....
13	o Columbæ	9	14 7.53	− 0.23	− 1.43	286 5 54.40	42.262	− 3.48	−3 20.4	5 14 5.87	.....	−34 59 35.7	....
14	17 Camelopardalis	9	21 20.07	− 0.69	− 1.43	23 59 58.98	45.555	− 3.48	+ 26.2	5 21 17.95	.....	+62 59 30.3	....
15	74 B. Camelopardalis	9	27 12.97	− 1.49	− 1.43	35 59 57.85	43.892	− 3.48	+ 42.8	5 27 10.05	.....	+74 59 7.5	....
16	ι Orionis	9	30 51.94	− 0.11	− **1.44**	315 3 54.08	44.162	− 3.48	− 58.5	5 30 50.40	.....	− 5 58 30.8	....
17	ζ Orionis	7	36 2.83	− 0.11	− **1.46**	319 1 54.68	45.865	− 3.48	− 50.9	5 36 1.29	.....	− 1 59 43.7	....
18	130 Tauri	9	41 59.24	− 0.13	− 1.43	338 43 55.60	42.708	− 3.48	− 22.8	5 41 57.68	− 0.34	+17 41 33.1	+ 8.4
19	ξ Aurigæ	9	47 0.61	− 0.47	− 1.43	16 41 57.08	45.288	− 3.48	+ 17.7	5 46 58.71	.....	+55 41 13.9	....
20	α Orionis	9	50 6.88	− 0.11	− **1.39**	328 25 54.55	42.482	− 3.48	− 36.1	5 50 5.34	.....	+ 7 23 13.7	....
21	66 Orionis	9	0 2.35	− 0.11	− 1.42	325 11 54.60	43.862	− 3.48	− 40.8	6 0 0.82	− 0.42	+ 4 9 40.5	+12.8
22	36 Camelopardalis	9	3 26.98	− 0.77	− 1.42	26 45 58.38	42.535	− 3.48	+ 29.7	6 3 24.79	− 1.14	+65 44 24.2	− 6.0
23	41 Draconis s. p.	9	7 5.27	+ 3.04	− 1.42	60 59 59.78	45.042	− 3.48	+1 46.1	18 7 6.89	+ 3.28	+79 59 19.5	+11.0
24	ψ^1 Aurigæ	9	17 42.14	− 0.35	− 1.42	10 21 57.52	42.950	− 3.48	+ 10.8	6 17 40.37	.....	+49 20 14.1	....
25	6 Lyncis	9	22 40.24	− 0.51	− 1.42	19 15 57.00	41.978	− 3.48	+ 20.6	6 22 38.31	− 0.97	+58 14 1.1	− 3.2
26	51 Aurigæ	9	32 11.18	− 0.24	− 1.42	0 29 57.32	43.925	− 3.48	+ 0.6	6 32 9.52	.....	+39 28 26.0	....
27	S Monocerotis	9	35 50.21	− 0.11	− **1.41**	331 1 54.72	41.255	− 3.48	− 32.6	6 35 48.68	.....	+ 9 58 49.3	....
	February 23, Ei.-Y.												
28	κ Geminorum	9	38 49.02	− 0.15	− **1.54**	345 37 56.28	47.012	− 3.36	− 15.1	7 38 47.32	.....	+24 37 19.9	....
29	B. D.+20°1893	9	39 40.84	− 0.13	− 1.55	341 33 55.48	44.825	− 3.36	− 19.6	7 39 39.16	− 0.82	+20 32 24.7	+ 8.4
30	B. D.+17°1684	9	45 15.30	− 0.12	− 1.55	338 7 54.65	46.350	− 3.36	− 23.6	7 45 13.63	− 0.83	+17 6 54.7	+ 9.2
31	B. D.+21°1714	9	48 43.88	− 0.13	− 1.55	342 21 54.95	46.120	− 3.36	− 18.7	7 48 42.20	− 0.84	+21 20 54.7	+ 8.3
32	B. D.+26°1684	9	51 6.98	− 0.15	− 1.55	347 21 55.55	46.660	− 3.36	− 13.2	7 51 5.28	− 0.87	+26 21 13.1	+ 7.2
33	B. D.+16°1598	9	53 12.35	− 0.12	− 1.55	337 47 54.10	44.528	− 3.36	− 24.1	7 53 10.68	− 0.85	+16 46 12.1	+ 9.3
34	B. D.+23°1866	9	55 26.61	− 0.14	− 1.55	344 51 55.28	44.670	− 3.36	− 15.9	7 55 24.92	− 0.87	+23 50 24.6	+ 7.8
35	χ Geminorum	9	57 47.44	− 0.16	− **1.48**	349 3 56.38	47.060	− 3.36	− 11.3	7 57 45.73	.....	+28 3 24.9	....
36	B. D.+22°1854	9	1 4.17	− 0.14	− 1.55	343 43 56.18	47.638	− 3.36	− 17.2	8 1 2.48	− 0.88	+22 43 32.1	+ 8.1
37	B. D.+19°1934	9	2 44.94	− 0.13	− 1.55	340 29 55.58	47.305	− 3.36	− 20.8	8 2 43.26	− 0.88	+19 29 20.3	+ 8.8
38	B. D.+16°1657	9	6 19.31	− 0.12	− 1.55	337 31 54.65	43.110	− 3.36	− 24.4	8 6 17.64	− 0.88	+16 29 39.9	+ 9.4
39	β Cancri	9	11 27.78	− 0.11	− **1.64**	330 29 54.52	45.410	− 3.36	− 33.4	8 11 26.12	.....	+ 9 28 23.3	....
40	B. D.+16°1679	9	12 58.69	− 0.12	− 1.55	336 59 54.88	44.190	− 3.36	− 25.0	8 12 57.02	− 0.90	+15 58 4.2	+ 9.5
41	B. D.+23°1939	9	16 20.88	− 0.14	− 1.55	344 15 56.00	46.165	− 3.36	− 16.6	8 16 19.19	− 0.92	+23 14 58.8	+ 8.1
42	B. D.+17°1836	9	19 27.17	− 0.12	− 1.55	338 29 54.55	47.145	− 3.36	− 23.2	8 19 25.50	− 0.92	+17 29 13.2	+ 9.2
43	B. D.+19°2012	9	21 43.04	− 0.13	− 1.55	340 35 55.02	42.952	− 3.36	− 20.8	8 21 41.36	− 0.92	+19 33 40.2	+ 8.9
44	B. D.+16°1729	9	22 36.87	− 0.12	− 1.55	337 21 53.95	45.342	− 3.36	− 24.6	8 22 35.20	− 0.92	+16 20 30.0	+ 9.5
45	η Cancri	9	27 19.11	− 0.13	− **1.54**	341 47 54.58	42.538	− 3.36	− 19.4	8 27 17.43	.....	+20 45 31.7	....
46	B. D.+22°1962	9	31 13.50	− 0.14	− 1.55	343 31 55.48	43.250	− 3.36	− 17.4	8 31 11.81	− 0.95	+22 29 50.9	+ 8.4
47	B. D.+20°2150	9	34 29.89	− 0.13	− 1.55	340 53 55.08	44.422	− 3.36	− 20.4	8 34 28.21	− 0.95	+19 52 14.3	+ 8.9
48	B. D.+20°2171	9	35 6.26	− 0.13	− 1.55	340 53 55.08	45.220	− 3.36	− 20.4	8 35 4.58	− 0.95	+19 52 32.5	+ 8.9
49	B. D.+20°2185	9	36 28.89	− 0.13	− 1.55	341 13 54.62	44.975	− 3.36	− 20.0	8 36 27.21	− 0.96	+20 12 26.9	+ 8.8
50	B. D.+10°1864	9	39 41.68	− 0.11	− 1.55	331 27 53.90	42.235	− 3.36	− 32.1	8 39 40.02	− 0.97	+10 25 11.5	+10.4
51	B. D.+17°1941	9	42 50.28	− 0.12	− 1.55	338 45 55.00	44.842	− 3.36	− 22.9	8 42 48.61	− 0.96	+17 44 21.3	+ 9.2
52	B. D.+20°2232	9	48 35.48	− 0.13	− 1.55	341 19 54.68	47.092	− 3.36	− 19.9	8 48 33.80	− 0.98	+20 19 15.4	+ 8.8
53	B. D.+19°2131	9	52 37.25	− 0.13	− 1.55	340 39 55.22	45.515	− 3.36	− 20.7	8 52 35.57	− 0.98	+19 38 39.1	+ 9.0
54	B. D.+15°1962	9	56 52.92	− 0.12	− 1.55	335 59 54.65	43.975	− 3.36	− 26.3	8 56 51.25	− 0.99	+14 57 57.8	+ 9.6
55	B. D.+12°1960	9	59 24.26	− 0.11	− 1.55	333 37 53.42	42.625	− 3.36	− 29.3	8 59 22.60	− 1.00	+12 35 22.7	+ 9.9
56	B. D.+17°2004	9	0 31.78	− 0.12	− 1.55	338 47 53.75	43.402	− 3.36	− 22.9	9 0 30.11	− 0.99	+17 45 47.0	+ 9.2
57	B. D.+15°1984	9	2 59.33	− 0.12	− 1.55	336 7 54.48	42.230	− 3.36	− 26.2	9 2 57.66	− 1.00	+15 5 17.8	+ 9.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 15 49		...	33.0
16 13	30.04	33.5	33.0
23 22 25	30.05	47.9	47.6
5 7	30.01	45.8	45.0
5 36		...	44.5
6 7	30.01	44.7	43.9
6 36	30.01	44.7	43.6
7 36	30.01	43.3	42.3
7 59		...	42.1
8 24	30.005	42.2	41.8
8 50	.....		41.1

Micrometer bisections are made at II, VI, except as noted below.

2, 7. Bisections at b_1, b_3, b_5, b_7, b_9.
9, 28, 43, 47. Bisections at I, II.
10. Bisections at VI, VII.
17. Bisection at VI.
34, 35, 37. Bisections at II, VII.

Notes.

28–57. Conditions poor at times.
37. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+ 6.7	+16 11.3	...	+16 18.0
10	+ 6.6	−16 11.3	...	−16 4.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+13°2051	9	6 19.78	− 0.12	− 1.55	334 17 54.35	45.122	− 3.36	− 28.4	9 6 18.11	− 1.00	+13 16 21.6	+ 9.8
2	B. D.+16°1930	9	9 47.30	− 0.12	− 1.55	337 25 54.10	42.788	− 3.36	− 24.6	9 9 45.63	− 1.00	+16 23 31.8	+ 9.4
3	B. D.+12°2009	9	12 48.13	− 0.11	− 1.55	332 55 53.90	43.160	− 3.36	− 30.2	9 12 46.47	− 1.02	+11 53 34.5	+ 9.9
4	B. D.+19°2201	9	16 33.53	− 0.13	− 1.55	340 9 55.15	45.970	− 3.36	− 21.3	9 16 31.85	− 1.01	+19 8 48.9	+ 9.1
5	B. D.+17°2078	9	20 22.89	− 0.12	− 1.55	338 1 54.92	42.258	− 3.36	− 23.9	9 20 21.22	− 1.02	+16 59 21.2	+ 9.3
6	B. D.+18°2207	9	24 21.81	− 0.12	− 1.55	339 5 55.28	42.952	− 3.36	− 22.6	9 24 20.14	− 1.02	+18 3 38.7	+ 9.2
7	B. D.+10°2014	9	26 58.10	− 0.11	− 1.55	331 9 53.88	43.588	− 3.36	− 32.6	9 26 56.44	− 1.03	+10 7 41.9	+10.0
8	B. D.+19°2355	9	31 14.07	− 0.13	− 1.55	340 21 55.08	46.000	− 3.36	− 21.1	9 31 12.39	− 1.02	+19 20 50.7	+ 9.1
9	B. D.+12°2075	9	34 32.60	− 0.11	− 1.55	333 35 54.45	47.780	− 3.36	− 29.3	9 34 30.94	− 1.03	+12 35 21.5	+ 9.7
10	ο Leonis	9	36 10.81	− 0.11	− **1.52**	331 19 53.92	47.222	− 3.36	− 32.3	9 36 9.15	.....	+10 19 5.2	....
11	ψ Leonis	9	38 39.59	− 0.12	− 1.55	335 27 54.20	46.705	− 3.36	− 27.0	9 38 37.92	− 1.03	+14 26 59.0	+ 9.5
12	B. D.+12°2096	9	42 32.93	− 0.11	− 1.55	332 53 54.08	43.682	− 3.36	− 30.3	9 42 31.27	− 1.04	+11 51 46.5	+ 9.6
13	23 Leonis	9	45 59.61	− 0.12	− 1.55	334 31 54.22	44.782	− 3.36	− 28.2	9 45 57.94	− 1.04	+13 30 13.9	+ 9.5
14	μ Leonis	9	47 27.99	− 0.16	− **1.62**	347 27 55.70	45.772	− 3.36	− 13.1	9 47 26.28	.....	+26 26 53.0	....
15	B. D.+18°2291	9	50 48.82	− 0.12	− 1.55	339 1 54.82	41.670	− 3.36	− 22.7	9 50 47.15	− 1.03	+17 59 8.8	+ 9.2
16	B. D.+ 9°2269	9	53 11.66	− 0.11	− 1.55	329 47 53.58	43.520	− 3.36	− 34.5	9 53 10.00	− 1.05	+ 8 45 38.1	+ 9.7
17	B. D.+ 5°2269	9	56 6.06	− 0.11	− 1.55	326 27 53.55	46.498	− 3.36	− 39.2	9 56 4.40	− 1.07	+ 5 26 41.5	+ 9.8
18	B. D.+16°2077	9	0 37.74	− 0.12	− 1.55	337 13 54.40	46.028	− 3.36	− 24.8	10 0 36.07	− 1.04	+16 12 45.9	+ 9.3
19	B. D.+10°2112	9	2 57.78	− 0.11	− 1.55	331 29 54.22	42.725	− 3.36	− 32.2	10 2 56.12	− 1.05	+10 27 22.9	+ 9.5
20	B. D.+14°2217	9	6 37.72	− 0.12	− 1.55	334 49 54.00	46.872	− 3.36	− 27.8	10 6 36.05	− 1.04	+13 49 1.8	+ 9.4
21	B. D.+ 6°2276	9	9 51.46	− 0.11	− 1.55	327 13 53.50	46.905	− 3.36	− 38.1	10 9 49.80	− 1.07	+ 6 12 51.8	+ 9.5
22	ζ Leonis	9	11 30.65	− 0.14	− **1.58**	344 53 55.05	46.345	− 3.36	− 16.0	10 11 28.96	.....	+23 53 2.6	....
23	B. D.+18°2345	9	13 53.81	− 0.12	− 1.55	339 11 55.02	45.210	− 3.36	− 22.5	10 13 52.14	− 1.03	+18 10 30.2	+ 9.2
24	B. D.+ 5°2321	9	15 51.87	− 0.11	− 1.55	326 7 53.42	47.590	− 3.36	− 39.8	10 15 50.21	− 1.07	+ 5 7 5.7	+ 9.4
	February 23, Hl.												
25	4 Ursæ Minoris	9	9 17.20	− 1.94	− 1.66	38 59 58.60	43.685	− 4.09	+ 48.6	14 9 13.60	.....	+77 59 9.2	....
26	λ Virginis	9	14 3.59	− 0.09	− **1.65**	308 5 53.32	45.618	− 4.09	−1 16.2	14 14 1.84	.....	−12 56 16.6	....
27	φ Virginis	9	23 23.70	− 0.08	− 1.66	319 13 53.40	44.168	− 4.17	− 51.6	14 23 21.96	− 0.42	− 1 48 25.1	+ 2.1
28	γ Boötis	9	28 19.78	− 0.23	− 1.66	359 43 55.52	45.542	− 4.20	− 0.2	14 28 17.89	.....	+38 42 59.6	....
29	ε Boötis	9	40 54.94	− 0.15	− **1.61**	348 29 55.25	43.730	− 4.30	− 12.2	14 40 53.13	.....	+27 28 5.9	....
30	8 Libræ	9	45 31.34	− 0.10	− **1.70**	305 25 51.20	45.880	− 4.31	−1 24.0	14 45 29.58	.....	−15 36 20.7	....
31	ι Libræ	9	6 53.72	− 0.11	− **1.64**	301 35 51.55	47.120	− 4.47	−1 37.2	15 6 51.95	.....	−19 26 5.4	....
32	1 H^1. Camelopardalis s. p.	9	11 42.19	+ 1.55	− 1.66	75 37 59.58	46.657	− 4.52	+3 52.3	3 11 42.08	+ 0.42	+65 18 38.3	− 8.1
33	μ Boötis	9	20 58.27	− 0.22	− 1.66	358 43 54.90	43.632	− 4.58	− 1.3	15 20 56.39	.....	+37 42 13.9	....
34	α Coronæ Borealis	9	30 44.24	− 0.15	− **1.63**	348 3 54.78	42.770	− 4.64	− 12.7	15 30 42.43	.....	+27 1 42.6	....
35	5 H. Camelopardalis s. p.	9	40 24.97	+ 1.87	− 1.66	69 55 58.82	44.100	− 4.72	+2 44.6	3 40 25.18	.....	+71 2 45.5	....
36	λ Libræ	8	47 54.39	− 0.12	− 1.66	301 9 51.72	44.600	− 4.77	−1 39.5	15 47 52.61	.....	−19 53 5.4	....
37	φ Herculis	9	5 50.16	− 0.29	− 1.66	6 11 56.75	44.395	− 4.88	+ 6.6	16 5 48.21	.....	+45 10 40.7	....
38	δ Ophiuchi	7	9 26.71	− 0.08	− **1.64**	317 35 53.90	42.450	− 4.92	− 55.1	16 9 24.97	.....	− 3 27 8.1	....
	February 24, Hl.												
39	Sun I, S.	9	27 4.37	− 0.06	− 1.64	311 9 53.52	44.342	− 4.23	−1 6.3	22 27 2.67	+65.89	− 9 52 35.4	....
40	Sun II, N.	8	29 16.14	− 0.06	− 1.64	311 41 53.98	45.150	− 4.23	−1 5.0	22 29 14.44	−65.88	− 9 20 15.9	....
41	λ Leporis	9	15 16.61	− 0.13	− 1.63	307 45 55.18	44.305	− 2.45	−1 14.0	5 15 14.85	− 0.18	−13 16 40.9	+18.2
42	β Tauri	9	20 23.00	− 0.15	− **1.63**	349 33 56.82	42.382	− 2.48	− 10.6	5 20 21.22	.....	+28 31 40.1	....
43	158 H^1. Cephei	8	31 56.84	− 4.48	− 1.63	46 10 1.00	43.377	− 2.53	+1 0.0	5 31 50.73	.....	+85 9 17.3	....
44	β Aurigæ	9	52 40.45	− 0.25	− 1.63	5 57 58.50	43.388	− 2.62	+ 6.1	5 52 38.57	.....	+44 56 21.2	....
45	δ Ursæ Minoris s. p.	9	2 20.67	+ 7.23	− 1.63	54 24 0.90	42.740	− 2.66	+1 20.6	18 2 26.27	.....	+86 36 36.5	....
46	β Canis Majoris	9	18 35.99	− 0.15	− **1.65**	303 7 53.10	44.618	− 2.73	−1 28.2	6 18 34.22	.....	−17 54 50.3	....
47	λ Canis Majoris	9	24 43.67	− 0.23	− 1.62	288 31 53.40	46.215	− 2.76	−2 50.2	6 24 41.82	− 0.72	−32 31 35.5	+21.4
48	Neptune C, C.	9	33 31.89	− 0.12	− 1.62	343 17 57.10	45.855	− 2.80	− 17.3	6 33 30.15	.....	+22 16 52.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 9 14	30.00	41.7	40.6
9 44	......	....	40.0
10 17	29.985	39.9	38.9
13 56	29.95	35.6	34.7
14 20	......	....	34.0
14 35	......	....	34.0
14 55	29.95	34.7	33.8
15 22	......	....	32.0
15 36	......	....	30.9
15 49	......	....	30.0
15 58	......	....	29.9
16 21	29.945	32.0	29.7
24 22 29	29.93	47.0	48.8
5 11	29.84	52.6	52.7
5 26	......	....	52.0
5 42	......	....	51.4
5 49	......	....	51.0
6 13	29.83	50.9	49.8
6 28	......	....	49.1
6 38	......	....	49.0

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 5, 10, 12, 16.	Bisections at II, VII.
13, 39.	Bisections at I, II.
17, 27, 38, 40.	Bisections at VI, VII.
25, 43.	Bisections at III, IV, V.
32.	Bisections at II, IV, VI.
35.	Bisections at III, V.
45.	Bisections at b_4, b_5, b_6.
48.	Bisections at I, II, VI, VII.

Notes.

32. Very unsteady; poor image.
37. Mist and fog.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
39	+ 6.7	+16 9.7	...	+16 16.4
40	+ 6.6	−16 9.7	...	−16 3.1
48	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	18 Monocerotis	9	42 59.93	− 0.10	− 1.62	323 31 55.55	46.640	− 2.84	− 42.7	6 42 58.21	.....	+ 2 30 43.7	....
2	51 H. Cephei	9	57 3.17	− 8.02	− 1.62	48 11 58.72	45.207	− 2.90	+1 4.8	6 56 53.53	.....	+87 12 1.5	....
3	λ Geminorum	9	12 43.99	− 0.11	− **1.63**	337 43 56.00	45.220	− 2.96	− 23.7	7 12 42.26	.....	+16 42 30.6	....
4	ι Geminorum	9	19 55.91	− 0.15	− **1.57**	348 59 57.12	46.045	− 3.00	− 11.2	7 19 54.14	.....	+27 59 3.0	....
5	ο Geminorum	9	33 4.58	− 0.18	− 1.62	355 49 56.08	42.978	− 3.08	− 4.2	7 33 2.78	− 0.85	+34 47 58.7	+ 4.8
6	β Geminorum	9	39 36.53	− 0.15	− **1.58**	349 15 56.68	46.320	− 3.11	− 10.9	7 39 34.76	.....	+28 15 9.0	....
	February 24, Ei.-Y.												
7	κ Cancri	9	2 42.08	− 0.11	− **1.52**	332 3 55.88	45.920	− 3.10	− 30.7	9 2 40.47	.....	+11 2 39.3	....
8	θ Hydræ	9	9 31.18	− 0.11	− **1.50**	323 43 55.32	46.045	− 3.11	− 42.5	9 9 29.57	.....	+ 2 42 29.8	....
9	B. D.+13°2066	9	12 15.99	− 0.12	− 1.50	334 29 53.75	45.080	− 3.11	− 27.6	9 12 14.37	− 1.01	+13 28 21.1	+ 9.7
10	83 Cancri	9	13 46.83	− 0.13	− **1.46**	339 7 55.12	44.130	− 3.12	− 22.1	9 13 45.20	.....	+18 6 6.2	....
11	B. D.+15°2027	9	16 6.72	− 0.12	− 1.50	336 47 54.78	44.220	− 3.13	− 24.9	9 16 5.10	− 1.01	+16 46 5.1	+ 9.4
12	B. D.+18°2182	9	19 18.68	− 0.13	− 1.50	339 33 55.48	45.470	− 3.14	− 21.6	9 19 17.05	− 1.01	+18 32 37.7	+ 9.1
13	B. D.+ 8°2226	9	23 31.61	− 0.11	− 1.50	329 37 53.82	43.815	− 3.15	− 34.0	9 23 30.00	− 1.04	+ 8 35 45.8	+10.1
14	B. D.+20°2332	9	26 29.75	− 0.13	− 1.50	341 25 54.88	46.902	− 3.16	− 19.5	9 26 28.12	− 1.02	+20 25 11.9	+ 8.9
15	B. D.+15°2077	9	30 47.39	− 0.12	− 1.50	335 49 55.40	43.578	− 3.17	− 26.0	9 30 45.77	− 1.03	+14 47 49.9	+ 9.5
16	B. D.+15°2087	9	32 56.23	− 0.12	− 1.50	335 47 54.62	44.562	− 3.18	− 26.1	9 32 54.61	− 1.03	+14 46 11.5	+ 9.5
17	B. D.+ 9°2226	9	36 16.77	− 0.11	− 1.50	330 25 54.82	47.690	− 3.18	− 32.9	9 36 15.16	− 1.04	+ 9 25 16.4	+ 9.9
18	B. D.+ 7°2181	9	41 15.26	− 0.11	− 1.50	328 9 53.55	45.570	− 3.20	− 36.0	9 41 13.65	− 1.06	+ 7 8 23.6	+10.0
19	B. D.+11°2117	9	48 21.31	− 0.11	− 1.50	332 37 54.00	46.035	− 3.22	− 30.0	9 48 19.70	− 1.04	+11 36 40.6	+ 9.6
20	B. D.+19°2284	9	52 14.03	− 0.13	− 1.50	340 45 55.88	43.940	− 3.23	− 20.2	9 52 12.40	− 1.04	+19 44 4.4	+ 9.0
21	π Leonis	9	55 17.54	− 0.11	− **1.53**	329 31 53.68	43.352	− 3.24	− 34.1	9 55 15.93	.....	+ 8 29 34.9	....
22	B. D.+19°2297	9	58 46.34	− 0.13	− 1.50	340 25 55.70	44.578	− 3.24	− 20.6	9 58 44.71	− 1.04	+19 24 18.4	+ 9.0
23	B. D.+ 6°2259	9	1 55.24	− 0.11	− 1.50	327 5 54.28	44.712	− 3.25	− 37.6	10 1 53.63	− 1.07	+ 6 4 3.1	+ 9.7
24	B. D.+ 6°2265	9	4 22.09	− 0.11	− 1.50	327 39 52.70	43.990	− 3.26	− 36.8	10 4 20.48	− 1.07	+ 6 37 45.8	+ 9.6
25	λ Hydræ	9	6 3.22	− 0.13	− **1.50**	309 9 53.75	42.108	− 3.26	−1 11.3	10 6 1.59	.....	−11 53 30.6	....
26	B. D.+ 3°2334	9	8 24.38	− 0.11	− 1.50	324 33 55.42	45.128	− 3.27	− 41.3	10 8 22.77	− 1.09	+ 3 32 10.0	+ 9.6
27	B. D.+18°2338	9	11 11.63	− 0.12	− 1.50	339 13 54.65	44.830	− 3.28	− 22.0	10 11 10.01	− 1.04	+18 12 21.7	+ 9.1
28	B. D.+12°2193	9	15 29.18	− 0.11	− 1.50	332 51 54.42	42.605	− 3.29	− 29.8	10 15 27.57	− 1.05	+11 49 22.8	+ 9.3
29	B. D.+17°2212	9	17 32.38	− 0.12	− 1.50	338 13 55.32	46.105	− 3.30	− 23.2	10 17 30.76	− 1.04	+17 12 50.3	+ 9.1
30	B. D.+ 4°2328	9	21 19.26	− 0.11	− 1.50	325 25 54.15	45.960	− 3.31	− 40.0	10 21 17.65	− 1.08	+ 4 24 29.0	+ 9.3
31	B. D.+15°2206	9	23 49.79	− 0.12	− 1.50	335 49 54.68	47.522	− 3.31	− 26.0	10 23 48.17	− 1.04	+14 49 19.2	+ 9.2
32	B. D.+14°2255	9	27 13.48	− 0.12	− 1.50	335 37 54.28	46.870	− 3.32	− 26.3	10 27 11.86	− 1.04	+14 37 3.6	+ 9.1
33	B. D.+ 2°2334	9	30 18.06	− 0.11	− 1.50	323 43 54.50	42.905	− 3.33	− 42.6	10 30 16.45	− 1.09	+ 2 41 16.9	+ 9.1
34	B. D.+ 5°2374	8	35 30.89	− 0.11	− 1.49	326 3 53.95	43.840	− 3.34	− 39.1	10 35 29.29	− 1.07	+ 5 1 41.2	+ 9.0
35	B. D.+ 5°2384 (*fol.*)	9	38 30.87	− 0.11	− 1.49	326 15 53.98	45.510	− 3.35	− 38.8	10 38 29.27	− 1.07	+ 5 14 19.7	+ 9.0
36	B. D.+ 5°2394	9	41 44.97	− 0.11	− 1.49	326 9 53.55	46.100	− 3.36	− 38.9	10 41 43.37	− 1.07	+ 5 8 31.6	+ 9.0
37	l Leonis	9	44 21.75	− 0.11	− **1.53**	332 3 54.78	45.435	− 3.37	− 30.8	10 44 20.15	.....	+11 2 26.8	....
38	B. D.+ 7°2375	9	46 20.65	− 0.11	− 1.49	328 17 53.98	43.388	− 3.37	− 35.9	10 46 19.05	− 1.05	+ 7 15 34.1	+ 8.9
39	B. D.+13°2322	9	49 23.23	− 0.12	− 1.49	333 53 53.28	44.655	− 3.38	− 28.5	10 49 21.62	− 1.03	+12 52 9.7	+ 8.9
40	B. D.+ 0°2718	9	52 22.47	− 0.11	− 1.49	321 13 54.72	43.230	− 3.39	− 46.7	10 52 20.87	− 1.09	+ 0 11 20.4	+ 8.4
41	B. D.+ 6°2384	9	55 55.17	− 0.11	− 1.49	327 37 53.50	45.252	− 3.40	− 36.8	10 55 53.57	− 1.05	+ 6 36 15.3	+ 8.6
42	B. D.+13°2348	9	59 39.88	− 0.12	− 1.49	334 11 54.18	44.960	− 3.41	− 28.1	10 59 38.27	− 1.02	+13 10 18.0	+ 8.7
43	B. D.+ 4°2423	9	3 25.69	− 0.11	− 1.49	325 3 54.75	45.810	− 3.42	− 40.6	11 3 24.09	− 1.06	+ 4 2 25.5	+ 8.4
44	B. D.+10°2260	9	7 52.00	− 0.11	− 1.49	331 23 54.25	45.608	− 3.43	− 31.7	11 7 50.40	− 1.02	+10 22 29.2	+ 8.6
45	B. D.− 0°2422	9	9 51.79	− 0.11	− 1.49	320 15 54.15	46.138	− 3.44	− 48.3	11 9 50.19	− 1.07	− 0 45 35.3	+ 7.8
46	B. D.+10°2274	9	14 16.61	− 0.11	− 1.49	331 17 55.00	43.735	− 3.45	− 31.8	11 14 15.01	− 1.01	+10 15 47.1	+ 8.5
	February 26, Bs.												
47	Sun I, N	9	34 38.62	− 0.10	− 1.29	312 25 53.95	46.458	− 4.20	−1 3.4	22 34 37.23	+65.72	− 8 35 43.7	....
48	Sun II, S	9	36 50.06	− 0.10	− 1.29	311 53 53.38	45.580	− 4.20	−1 4.6	22 36 48.67	−65.72	− 9 8 6.2	....
49	α Orionis	9	50 6.74	− 0.13	− **1.28**	328 25 54.38	42.505	− 3.68	− 36.2	5 50 5.33	.....	+ 7 23 13.7	....
50	θ Aurigæ	9	53 20.67	− 0.23	− 1.28	358 13 57.18	43.975	− 3.68	− 1.8	5 53 19.16	.....	+37 12 24.4	....
51	66 Orionis	9	0 2.18	− 0.13	− 1.28	325 11 54.72	43.885	− 3.68	− 41.0	6 0 0.77	− 0.37	+ 4 9 39.8	+12.9
52	36 Camelopardalis	9	3 26.69	− 0.73	− 1.28	26 45 57.62	42.560	− 3.68	+ 29.9	6 3 24.68	− 1.00	+65 44 24.0	− 6.0
53	40 Draconis s. p.	9	6 59.59	+ 2.78	− 1.28	60 59 58.80	45.568	− 3.68	+1 46.7	18 7 1.09	+ 3.31	+79 59 8.8	+11.6
54	ψ¹ Aurigæ	9	17 41.91	− 0.35	− 1.28	10 21 55.85	43.030	− 3.68	+ 10.9	6 17 40.28	.....	+49 20 14.1	....
55	φ Draconis s. p.	8	22 3.74	+ 1.64	− 1.28	69 39 58.10	48.755	− 3.68	+2 39.3	18 22 4.10	+ 1.79	+71 17 4.1	+11.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 7 4	29.82	49.4	48.6
7 16	....	....	48.0
7 27			47.8
7 44	29.82	48.7	47.3
9 0	29.775	47.6	46.2
9 25			46.0
9 49	29.76	46.8	45.8
10 12			45.2
10 31	29.745	45.9	45.0
11 1			44.6
11 25	29.725	45.0	44.4
26 22 37	29.72	46.8	45.3
5 50	29.70	38.2	36.9
6 18			36.1

Micrometer bisections are made at II, VI, except as noted below.

2. Bisections at b_4, b_5, b_6.
7, 48. Bisections at VI, VII.
8. Bisections at II, VII.
47. Bisections at I, II.
53, 55. Bisections at III, IV, V.

Notes.

21-46. Images rather poor and unsteady.
55. Very unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
47	+ 6.5	−16 11.2	...	−16 4.7
48	+ 6.6	+16 11.2	...	+16 17.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ξ Geminorum	9	40 2.83	− 0.13	**− 1.27**	334 1 54.18	43.415	− 3.68	− 28.8	6 40 1.42	.....	+12 59 41.7	....
2	θ Canis Majoris	9	49 51.48	− 0.14	**− 1.28**	309 5 53.45	47.520	− 3.68	−1 12.6	6 49 50.06	.....	−11 55 29.0	....
3	h Geminorum	9	57 34.16	− 0.18	− 1.28	350 29 55.32	47.692	− 3.68	− 9.8	6 57 32.70	− 0.66	+29 29 39.5	+ 5.4
4	63 Aurigæ	9	5 13.77	− 0.24	− 1.28	0 29 55.92	44.060	− 3.68	+ 0.6	7 5 12.25	.....	+39 28 27.5	....
5	λ Geminorum	9	12 43.63	− 0.13	**− 1.27**	337 43 54.60	45.340	− 3.68	− 24.2	7 12 42.22	.....	+16 42 30.7	....
6	66 Aurigæ	9	17 40.41	− 0.25	− 1.28	1 51 55.32	46.000	− 3.68	+ 2.0	7 17 38.88	.....	+40 51 12.6	....
7	143 B. Camelopardalis	9	21 10.21	− 0.85	− 1.28	29 39 57.32	45.575	− 3.68	+ 33.9	7 21 8.08	.....	+68 39 36.5	....
8	o Geminorum	9	33 4.21	− 0.20	− 1.28	355 49 55.30	43.045	− 3.68	− 4.3	7 33 2.73	− 0.83	+34 47 58.8	+ 4.5
9	κ Geminorum	9	38 48.62	− 0.15	**− 1.18**	345 39 55.30	41.860	− 3.68	− 15.1	7 38 47.19	.....	+24 37 20.9	....
10	φ Geminorum	9	47 47.07	− 0.16	**− 1.28**	348 1 56.20	44.705	− 3.68	− 12.5	7 47 45.63	.....	+27 0 29.4	....
11	ω¹ Cancri	9	55 16.99	− 0.15	− 1.27	346 39 56.58	45.965	− 3.68	− 14.0	7 55 15.57	.....	+25 38 57.1	....
12	27 Lyncis	9	1 26.31	− 0.36	− 1.27	12 47 56.10	44.122	− 3.68	+ 13.5	8 1 24.68	.....	+51 46 41.9	....
13	173 B. Camelopardalis	9	7 50.76	− 1.44	− 1.27	37 3 57.00	42.860	− 3.68	+ 44.9	8 7 48.05	.....	+76 2 44.9	....
	February 27, Br.												
14	δ Ursæ Minoris s. p.	4	2 20.50	+ 9.40	− 1.40	54 23 56.85	42.790	− 3.12	+1 24.6	18 2 28.50	.....	+86 36 35.6	....
15	ψ⁵ Aurigæ	9	40 0.42	− 0.30	− 1.40	4 41 56.32	43.488	− 3.20	+ 5.0	6 39 58.72	.....	+43 40 19.8	....
16	θ Canis Majoris	9	49 51.51	− 0.05	**− 1.42**	309 7 52.25	42.335	− 3.25	−1 14.1	6 49 50.06	.....	−11 55 29.7	....
17	51 H. Cephei	9	57 6.17	−10.50	− 1.40	48 11 58.12	45.212	− 3.27	+1 7.7	6 56 54.27	.....	+87 12 3.2	....
18	δ Geminorum	9	14 32.80	− 0.11	**− 1.34**	343 11 55.18	41.748	− 3.32	− 18.2	7 14 31.29	.....	+22 9 15.5	....
19	ι Geminorum	9	19 55.68	− 0.14	**− 1.39**	348 59 55.78	46.145	− 3.33	− 11.7	7 19 54.14	.....	+27 59 3.1	....
20	225 B. Draconis s. p.	9	27 18.18	+ 3.30	− 1.40	61 33 59.00	46.520	− 3.35	+1 51.6	19 27 20.08	+ 3.82	+79 24 41.6	+ 8.8
21	26 Monocerotis	9	36 47.76	− 0.03	− 1.40	311 41 53.10	45.608	− 3.38	−1 7.7	7 36 46.33	.....	− 9 20 7.8	....
22	π Geminorum	9	41 29.34	− 0.17	− 1.40	354 39 55.68	45.125	− 3.39	− 5.6	7 41 27.77	.....	+33 38 45.7	....
23	26 Lyncis	9	47 55.05	− 0.33	− 1.40	8 49 55.02	43.932	− 3.41	+ 9.5	7 47 53.32	.....	+47 48 32.9	....
24	χ Geminorum	9	57 47.21	− 0.13	**− 1.36**	349 3 56.48	47.065	− 3.43	− 11.6	7 57 45.69	.....	+28 3 24.8	....
25	β Cancri	9	11 27.51	− 0.04	**− 1.47**	330 29 54.02	45.472	− 3.47	− 34.2	8 11 26.08	.....	+ 9 28 23.3	....
	February 28, Bs.												
26	Neptune C, C.	9	33 19.66	− 0.03	− 1.10	343 17 56.28	46.809	− 4.43	− 18.3	6 33 18.53	.....	+22 17 11.0	....
27	ξ Geminorum	9	40 2.52	+ 0.02	**− 1.14**	334 1 55.58	43.445	− 4.43	− 29.7	6 40 1.44	.....	+12 59 42.1	....
28	κ Canis Majoris	9	46 21.74	+ 0.13	− 1.10	288 39 53.50	44.692	− 4.43	−2 58.8	6 46 20.77	− 0.79	−32 24 20.4	+21.2
29	θ Canis Majoris	9	49 51.04	+ 0.07	**− 1.08**	309 5 54.95	47.558	− 4.43	−1 14.9	6 49 50.01	.....	−11 55 29.6	....
30	h Geminorum	9	57 33.91	− 0.08	− 1.10	350 29 57.20	47.672	− 4.43	− 10.2	6 57 32.73	− 0.63	+29 29 39.8	+ 5.3
31	63 Aurigæ	9	5 13.52	− 0.18	− 1.10	0 29 57.32	44.032	− 4.43	+ 0.6	7 5 12.24	.....	+39 28 27.5	....
32	66 Aurigæ	9	17 40.12	− 0.20	− 1.10	1 51 57.32	45.955	− 4.43	+ 2.1	7 17 38.82	.....	+40 51 12.9	....
33	143 B. Camelopardalis	9	21 10.15	− 1.08	− 1.10	29 40 0.18	45.445	− 4.43	+ 34.9	7 21 7.97	.....	+68 39 36.7	....
34	n¹ Puppis	9	30 22.28	+ 0.05	− 1.10	297 47 53.60	41.775	− 4.43	−1 55.4	7 30 21.23	− 0.93	−23 16 23.6	+18.1
35	24 Lyncis	9	35 6.41	− 0.58	− 1.10	19 55 57.82	46.882	− 4.43	+ 22.3	7 35 4.73	.....	+58 55 54.7	....
36	κ Geminorum	9	38 48.34	− 0.04	**− 1.03**	345 39 56.90	41.842	− 4.43	− 15.6	7 38 47.20	.....	+24 37 20.9	....
37	9 Puppis	9	47 27.15	+ 0.07	− 1.10	307 23 53.18	43.545	− 4.43	−1 19.8	7 47 26.12	.....	−13 39 8.0	....
38	ω¹ Cancri	9	55 16.63	− 0.05	− 1.10	346 39 57.82	45.972	− 4.43	− 14.4	7 55 15.48	.....	+25 38 57.4	....
39	27 Lyncis	9	1 26.06	− 0.39	− 1.10	12 47 57.55	44.085	− 4.43	+ 14.0	8 1 24.57	.....	+51 46 42.3	....
40	173 B. Camelopardalis	9	7 50.77	− 1.92	− 1.10	37 3 58.98	42.763	− 4.43	+ 46.3	8 7 47.75	.....	+76 2 45.8	....
41	κ Cephei s. p.	9	11 57.99	+ 3.25	− 1.10	63 33 59.98	43.725	− 4.43	+2 2.8	20 12 0.14	.....	+77 25 34.4	....
42	o Ursæ Majoris	9	22 30.89	− 0.66	− 1.10	22 1 58.15	47.032	− 4.43	+ 24.8	8 22 29.13	.....	+61 2 0.9	....
43	η Cancri	9	27 18.54	− 0.02	**− 1.11**	341 47 55.60	42.590	− 4.43	− 20.0	8 27 17.42	.....	+20 45 32.3	....
44	73 Draconis s. p.	9	32 40.20	+ 2.75	− 1.10	66 22 0.08	42.408	− 4.43	+2 19.3	20 32 41.85	.....	+74 37 47.9	....
45	γ Cancri	9	37 52.99	− 0.02	**− 1.12**	342 49 56.92	44.535	− 4.43	− 18.8	8 37 51.87	.....	+21 48 19.3	....
46	ε Hydræ	9	41 50.01	+ 0.04	**− 1.10**	327 47 53.35	43.852	− 4.43	− 38.5	8 41 48.96	.....	+ 6 45 40.4	....
	March 1, Hl.												
47	Sun I, N.	9	45 58.02	+ 0.11	− 3.31	313 33 56.50	45.470	− 4.96	−1 2.4	22 45 54.82	+65.42	− 7 28 3.5	....
48	Sun II, S.	9	48 8.86	+ 0.11	− 3.31	313 1 54.40	44.875	− 4.96	−1 3.6	22 48 5.66	−65.42	− 8 0 21.1	....
49	Moon I, S.	9	32 14.04	+ 0.03	− 3.29	334 9 58.28	46.031	− 4.12	− 28.4	3 32 10.78	+62.97	+13 8 45.5	....
50	λ Eridani	9	4 42.18	+ 0.07	− 3.29	312 9 54.95	43.915	− 4.12	−1 5.0	5 4 38.96	− 0.02	− 8 52 43.7	+17.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 6 46	29.70	37.3	35.8
7 18	......	....	35.4
7 48	29.70	36.8	35.1
8 8	29.705	36.5	34.9
27 6 6	29.52	24.8	23.0
6 40	......	....	23.4
7 4	29.535	25.0	24.0
7 44	......	....	24.0
8 15	29.56	23.9	23.0
28 6 33	29.82	24.1	23.2
7 0	......	....	23.3
7 30	29.835	23.7	23.4
8 1	......	....	23.1
8 30	29.835	23.8	23.5
8 42	29.84	23.6	23.0
1 22 48	29.84	36.0	35.8
3 38	29.76	40.7	40.8
4 45	29.77	38.7	39.8

Micrometer bisections are made at II, VI, except as noted below.

14. Bisections at b_1, b_3, b_5.
15, 23. Bisections at III, V.
17. Bisections at b_1, b_3, b_5, b_7, b_9.
20, 40, 41, 44. Bisections at III, IV, V.
26. Bisections at I, II, VI, VII.
47. Bisections at I, II.
48. Bisections at VI, VII.
49. Bisections at II, III, IV, V, VI.

Notes.

13. Very faint.
17–19. Clouds.
20. Unsteady; high wind.
23–25. High wind.
28, 45. Micrometer reading decreased 1 rev.
34, 44. Light clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
26	+ 0.1	.. ....	...	+ 0.1
47	+ 6.4	−16 8.7	...	−16 2.3
48	+ 6.5	+16 8.8	...	+16 15.3
49	+23 22.1	+14 47.4	...	+38 9.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Aurigæ	9	12 35.38	− 0.10	− 3.29	1 1 57.50	45.340	− 4.12	+ 1.1	5 12 31.99	.....	+40 0 58.4	....
2	β Tauri	9	20 24.48	− 0.05	− **3.31**	349 33 56.28	42.495	− 4.12	− 10.8	5 20 21.14	.....	+28 31 40.3	....
3	δ Orionis	9	27 15.66	+ 0.06	− **3.31**	320 39 54.10	44.275	− 4.12	− 48.3	5 27 12.43	.....	− 0 22 18.6	....
4	ζ Orionis	9	36 4.33	+ 0.07	− **3.24**	319 1 54.72	45.898	− 4.12	− 51.2	5 36 1.11	.....	− 1 59 43.8	....
5	ξ Aurigæ	9	47 2.38	− 0.41	− 3.29	16 41 58.38	45.232	− 4.12	+ 17.8	5 46 58.68	.....	+55 41 13.4	....
6	β Aurigæ	9	52 42.03	− 0.21	− 3.29	5 57 57.95	43.445	− 4.12	+ 6.2	5 52 38.53	.....	+44 56 20.6	....
7	δ Ursæ Minoris s. p.	9	2 21.22	+ 9.66	− 3.29	54 23 58.90	42.822	− 4.12	+1 22.6	18 2 27.59	.....	+86 36 36.1	....
8	10 Monocerotis	9	23 22.81	+ 0.07	− **3.30**	316 19 53.42	44.278	− 4.12	− 56.4	6 23 19.59	.....	− 4 42 27.3	....
9	γ Geminorum	9	32 20.68	+ 0.02	− **3.27**	337 29 54.40	45.808	− 4.12	− 24.5	6 32 17.41	.....	+16 28 40.4	....
10	θ Canis Majoris	9	49 53.23	+ 0.07	− **3.29**	309 7 53.55	42.260	− 4.12	−1 12.7	6 49 50.01	.....	−11 55 29.6	....
11	51 H. Cephei	9	57 6.39	−10.56	− 3.29	48 11 59.80	45.160	− 4.12	+1 6.4	6 56 52.54	.....	+87 12 1.9	....
12	δ Geminorum	9	14 34.61	0.00	− **3.29**	343 11 55.62	41.790	− 4.12	− 17.9	7 14 31.33	.....	+22 9 17.0	....
13	6 Canis Minoris	9	24 37.88	+ 0.04	− 3.28	333 13 54.45	44.122	− 4.12	− 29.9	7 24 34.64	− 0.69	+12 11 56.6	+10.4
	March 2, Br.												
14	Sun I, S.	9	49 42.83	− 0.04	− 3.27	313 23 54.82	46.732	− 3.81	−1 1.6	22 49 39.52	+65.37	− 7 37 34.4	....
15	Sun II, N.	9	51 53.57	− 0.04	− 3.27	313 55 54.58	47.552	− 3.81	−1 0.5	22 51 50.26	−65.37	− 7 5 15.5	....
16	Moon I, S.	9	21 38.47	− 0.07	− 3.28	336 51 55.78	45.621	− 3.24	− 24.8	4 21 35.12	+64.05	+15 50 38.2	....
17	β Orionis	9	10 4.62	− 0.04	− **3.31**	312 43 52.75	43.365	− 0.37	−1 3.1	5 10 1.31	.....	− 8 18 51.8	....
18	ο Columbæ	9	14 9.24	− 0.12	− 3.27	286 5 53.48	42.212	− 3.24	−3 19.4	5 14 5.85	.....	−34 59 36.5	....
19	17 Camelopardalis	9	21 21.76	− 0.65	− 3.27	23 59 59.05	45.575	− 3.24	+ 26.1	5 21 17.84	.....	+62 59 31.2	....
20	74 B. Camelopardalis	9	27 14.87	− 1.48	− 3.27	35 59 58.60	43.893	− 3.24	+ 42.6	5 27 10.12	.....	+74 59 8.8	....
21	22 Camelopardalis	8	31 13.08	− 0.46	− 3.27	17 19 58.55	43.290	− 3.24	+ 18.3	5 31 9.35	− 0.38	+56 18 30.8	− 4.4
22	ζ Orionis	9	36 4.48	− 0.04	− **3.31**	319 1 55.32	45.778	− 3.24	− 50.8	5 36 1.17	.....	− 1 59 44.7	....
23	130 Tauri	9	42 0.95	− 0.07	− 3.27	338 43 55.92	42.645	− 3.24	− 22.8	5 41 57.61	− 0.22	+17 41 32.3	+ 8.5
24	α Orionis	9	50 8.63	− 0.05	− **3.32**	328 25 55.30	42.395	− 3.24	− 36.0	5 50 5.31	.....	+ 7 23 12.7	....
25	θ Aurigæ	9	53 22.59	− 0.19	− 3.27	358 13 57.85	43.918	− 3.24	− 1.8	5 53 19.13	.....	+37 12 24.1	....
26	66 Orionis	9	0 4.03	− 0.04	− 3.27	325 11 54.78	43.822	− 3.24	− 40.8	6 0 0.72	− 0.30	+ 4 9 40.1	+13.1
27	ψ¹ Aurigæ	9	17 43.89	− 0.30	− 3.27	10 21 57.22	43.012	− 3.24	+ 10.8	6 17 40.32	.....	+49 20 15.6	....
28	φ Draconis s. p.	9	22 6.28	+ 1.89	− 3.27	69 39 59.20	48.808	− 3.24	+2 38.4	18 22 4.90	+ 1.52	+71 17 2.3	+12.1
29	Neptune C, C.	9	33 16.94	− 0.09	− 3.27	343 17 56.22	47.096	− 3.24	− 17.6	6 33 13.58	.....	+22 17 19.4	....
30	ξ Geminorum	9	40 4.70	− 0.06	− **3.27**	334 1 55.80	43.310	− 3.24	− 28.7	6 40 1.37	.....	+12 59 41.4	....
31	κ Canis Majoris	9	46 24.01	− 0.11	− 3.27	288 39 53.70	44.370	− 3.24	−2 52.6	6 46 20.63	− 0.75	−32 24 20.1	+21.5
32	θ Canis Majoris	9	49 53.30	− 0.04	− **3.26**	309 5 54.72	47.435	− 3.24	−1 12.4	6 49 49.99	.....	−11 55 20.0	....
33	k Geminorum	9	57 36.09	− 0.13	− 3.27	350 29 56.65	47.605	− 3.24	− 9.8	6 57 32.69	− 0.60	+29 29 30.3	+ 5.3
34	45 Geminorum	9	3 2.54	− 0.06	− 3.27	337 5 55.25	45.962	− 3.24	− 24.9	7 2 59.21	− 0.59	+16 4 45.3	+ 9.3
35	18 Lyncis	9	7 47.61	− 0.55	− 3.27	20 49 56.72	42.942	− 3.24	+ 22.6	7 7 43.79	− 1.06	+59 48 25.2	− 3.1
36	λ Geminorum	9	12 45.49	− 0.07	− **3.24**	337 43 55.18	45.268	− 3.24	− 24.2	7 12 42.15	.....	+16 42 30.1	....
37	66 Aurigæ	9	17 42.38	− 0.22	− 3.27	1 51 57.35	45.945	− 3.24	+ 2.0	7 17 38.89	.....	+40 51 13.9	....
38	υ Geminorum	9	30 12.03	− 0.12	− 3.27	348 7 55.85	44.008	− 3.24	− 12.4	7 30 8.64	− 0.72	+27 6 13.7	+ 6.3
39	24 Lyncis	9	35 8.59	− 0.52	− 3.27	19 55 57.22	46.948	− 3.24	+ 21.6	7 35 4.80	.....	+58 55 56.3	....
40	κ Geminorum	9	38 50.59	− 0.10	− **3.24**	345 39 56.98	41.765	− 3.24	− 15.1	7 38 47.22	.....	+24 37 20.9	....
41	φ Geminorum	9	47 48.93	− 0.12	− **3.22**	348 1 56.72	44.662	− 3.24	− 12.5	7 47 45.54	.....	+27 0 29.4	....
	March 4, Hl.												
42	Moon I, S.	9	5 47.01	− 0.10	− 3.14	339 55 57.05	43.962	− 2.43	− 21.5	6 5 43.77	+66.42	+18 54 6.1	....
43	Moon N.	.	.. ..	.....	....	340 25 54.85	45.702	− 2.43	− 20.9	.. ..	.....	+19 24 43.2	....
44	ζ Cancri	9	6 53.38	− 0.09	− 3.13	338 57 53.68	43.342	− 2.78	− 22.7	8 6 50.16	.....	+17 55 46.5	....
45	β Cancri	9	11 29.19	− 0.07	− **3.17**	330 29 53.45	45.425	− 2.78	− 33.4	8 11 25.99	.....	+ 9 28 23.2	....
46	d¹ Cancri	9	18 3.13	− 0.09	− 3.13	339 39 53.80	43.772	− 2.78	− 21.9	8 17 59.91	.....	+18 37 57.3	....
47	30 Monocerotis	9	21 1.99	− 0.06	− **3.12**	317 25 53.85	44.898	− 2.78	− 54.3	8 20 58.80	.....	− 3 36 9.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 5 9	......	....	38.9
5 18	......	....	38.9
5 31	......	....	38.4
5 40	29.77	37.0	.. .
5 44	......	....	38.1
6 11	......	....	37.6
6 27	29.77	36.1	37.0
6 38	......	....	37.0
7 7	..	....	36.7
7 22	......	....	36.4
7 33	29.78	35.9	.
2 22 52	29.90	45.2	45.3
4 23	29.895	47.7	47.9
5 5	29.90	46.0	46.0
5 39	.		44.3
6 2	29.91	43.8	43.1
6 25	.	....	42.0
7 1		..	40.2
7 51	29.90	39.8	38.8
4 6 6	29.71	39.0	37.0
7 53	29.72	37.3	36.4
8 14	. . . .	...	36.3
8 28	.	...	36.1

Micrometer bisections are made at II, VI, except as noted below.

7, 11. Bisections at b_4, b_5, b_6.
9, 15, 25, 43. Bisections at VI, VII.
14, 17, 24, 31, 42. Bisections at I, II.
16. Bisections at II, III, IV, V, VI.
19, 27, 35, 37, 39. Bisections at III, V.
20, 28. Bisections at III, IV, V.
21. Bisections at b_2, b_8.
29. Bisections at I, II, VI, VII.
44, 47. Bisections at II, VI, VII.

Notes.

7-13. Clouds.
10. Poor image.
17-41. Clouds and haze.
17. Woolly and unsteady; two microscopes used.
18. Diffuse and unsteady.
19, 24, 47. Faint.
23, 28. Faint and unsteady.
31. Unsteady.
44-47. Conditions poor.
44. Mean of close double observed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+ 6.4	+16 9.4	...	+16 15.8
15	+ 6.4	−16 9.5	...	−16 3.1
16	+21 7.0	+14 50.4	...	+35 57.4
29	+ 0.1	.. ....	...	+ 0.1
42	+18 43.6	+15 4.7	...	+33 48.3
43	+18 15.8	−15 4.7	+0.1	+ 3 11.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	σ Hydræ	9	33 54.83	− 0.06	− 3.13	324 41 52.82	45.188	− 2.78	− 41.9	8 33 51.64	....	+ 3 40 8.7	....
2	ι Cancri	8	41 4.90	− 0.14	− **3.10**	350 7 53.38	43.845	− 2.78	− 10.3	8 41 1.63	....	+29 6 10.1	....
3	76 Draconis s. p.	9	49 19.44	+ 3.88	− 3.13	58 47 56.05	46.713	− 2.78	+1 38.0	20 49 20.19	....	+82 10 53.1	....
4	κ Cancri	9	2 43.63	− 0.07	− **3.14**	332 3 53.45	46.090	− 2.78	− 31.4	9 2 40.43	....	+11 2 40.4	....
5	θ Hydræ	9	9 32.76	− 0.06	− **3.15**	323 43 52.80	46.195	− 2.78	− 43.4	9 9 29.57	....	+ 2 42 30.2	....
6	1 H. Draconis	9	23 56.18	− 2.93	− 3.13	42 45 57.95	42.038	− 2.78	+ 54.9	9 23 50.12	....	+81 44 37.5	....
7	ο Leonis	9	36 12.36	− 0.07	− **3.12**	331 21 53.15	41.958	− 2.78	− 32.3	9 36 9.16	....	+10 19 4.8	....
	March 5, Bs.												
8	β Canis Majoris	9	18 36.92	− 0.04	− **2.85**	303 7 51.65	44.845	− 2.52	−1 32.1	6 18 34.04	....	−17 54 50.2	....
9	6 Lyncis	9	22 41.40	− 0.56	− 2.84	19 13 55.78	47.260	− 2.52	+ 21.2	6 22 38.00	− 0.66	+58 14 2.1	− 4.2
10	ξ^2 Canis Majoris	9	31 10.46	− 0.06	− 2.84	298 9 51.90	43.405	− 2.52	−1 52.2	6 31 7.56	....	−22 53 42.9	....
11	153 H^1. Draconis s. p.	9	35 55.42	+ 1.67	− 2.84	75 33 58.75	42.965	− 2.52	+3 51.9	18 35 54.25	+ 1.17	+65 24 2.0	+12.3
12	ξ Geminorum	9	40 4.23	− 0.06	− **2.85**	334 1 53.02	43.428	− 2.52	− 29.4	6 40 1.33	....	+12 59 41.4	....
13	43 Camelopardalis	9	43 39.14	− 1.04	− 2.84	29 59 57.30	46.620	− 2.52	+ 35.0	6 43 35.26	− 1.18	+69 0 2.7	− 6.4
14	θ Canis Majoris	9	49 52.79	− 0.03	− **2.81**	309 7 52.50	42.295	− 2.52	−1 14.1	6 49 49.92	....	−11 55 29.7	....
15	51 H. Cephei	9	57 2.50	−10.43	− 2.84	48 11 57.38	45.185	− 2.52	+1 7.7	6 56 49.23	....	+87 12 2.6	....
16	λ Ursæ Minoris s. p.	9	14 32.56	+30.60	− 2.84	51 59 57.38	45.252	− 2.52	+1 17.5	19 15 0.32	....	+88 59 44.7	....
17	υ Geminorum	9	30 11.51	− 0.13	− 2.84	348 7 54.30	44.038	− 2.52	− 12.7	7 30 8.54	− 0.68	+27 6 13.3	+ 6.2
18	*l* Puppis	9	40 5.99	− 0.08	− 2.84	292 19 52.20	43.868	− 2.52	−2 26.0	7 40 3.07	− 0.97	−28 44 5.9	+19.4
19	9 Puppis	9	47 28.91	− 0.04	− 2.84	307 23 52.40	43.432	− 2.52	−1 18.9	7 47 26.03	....	−13 39 8.6	....
20	1 Cancri	9	51 42.98	− 0.07	− 2.84	337 3 53.52	45.050	− 2.52	− 25.6	7 51 40.07	....	+16 2 22.8	....
21	χ Geminorum	9	57 48.57	− 0.14	− **2.78**	349 3 54.85	47.155	− 2.52	− 11.6	7 57 45.59	....	+28 3 26.1	....
22	ζ Cancri	9	6 53.09	− 0.08	− 2.84	338 57 53.90	43.292	− 2.52	− 23.2	8 6 50.17	....	+17 55 45.3	....
	March 5, Ei.-Y.												
23	θ Hydræ	9	9 32.57	− 0.04	− **2.99**	323 43 52.90	46.220	− 2.47	− 44.4	9 9 29.56	....	+ 2 42 30.1	....
24	83 Cancri	9	13 48.22	− 0.08	− **2.93**	339 7 53.22	44.290	− 2.47	− 23.1	9 13 45.17	....	+18 6 7.6	....
25	B. D.+13°2096	9	23 31.71	− 0.06	− 2.97	333 49 53.15	43.130	− 2.47	− 29.8	9 23 28.68	− 1.00	+12 47 34.3	+ 9.7
26	B. D.+23°2107	9	26 25.63	− 0.10	− 2.97	344 23 54.42	45.928	− 2.47	− 16.9	9 26 22.56	− 1.00	+23 22 52.4	+ 8.0
27	B. D.+13°2117	9	29 57.72	− 0.06	− 2.97	334 5 53.48	45.020	− 2.47	− 29.4	9 29 54.69	− 1.01	+13 4 18.3	+ 9.6
28	B. D.+18°2232	9	32 56.34	− 0.08	− 2.97	338 47 53.18	45.652	− 2.47	− 23.5	9 32 53.29	− 1.01	+17 46 38.3	+ 8.9
29	B. D.+16°2010	9	36 40.68	− 0.07	− 2.96	337 11 53.50	46.280	− 2.47	− 25.4	9 36 37.65	− 1.02	+16 10 51.1	+ 9.1
30	B. D.+12°2090	9	41 23.65	− 0.05	− 2.96	333 15 53.65	45.505	− 2.47	− 30.5	9 41 20.64	− 1.03	+12 14 28.4	+ 9.6
31	B. D.+21°2113	9	44 38.68	− 0.09	− 2.96	342 37 53.60	46.280	− 2.47	− 18.9	9 44 35.63	− 1.03	+21 36 57.7	+ 8.4
32	μ Leonis	9	47 29.30	− 0.12	− **2.97**	347 27 54.72	45.860	− 2.47	− 13.4	9 47 26.22	....	+26 26 54.6	....
33	B. D.+ 6°2224	9	48 50.89	− 0.04	− 2.96	327 25 52.05	44.525	− 2.47	− 38.7	9 48 47.89	− 1.06	+ 6 23 56.3	+10.2
34	B. D.+17°2156	9	52 29.57	− 0.07	− 2.96	337 55 53.00	44.782	− 2.47	− 24.6	9 52 26.54	− 1.04	+16 54 17.1	+ 9.0
35	B. D.+ 6°2240	9	55 21.84	− 0.04	− 2.96	327 43 52.75	44.417	− 2.47	− 38.3	9 55 18.84	− 1.07	+ 6 41 54.9	+10.1
36	B. D.+12°2138	9	59 10.63	− 0.05	− 2.96	333 5 53.75	46.578	− 2.47	− 30.7	9 59 7.62	− 1.06	+12 4 52.9	+ 9.5
37	B. D.+14°2202	9	2 2.05	− 0.06	− 2.96	335 37 53.15	46.448	− 2.47	− 27.4	10 1 59.03	− 1.05	+14 36 52.6	+ 9.2
38	B. D.+18°2326	9	5 3.27	− 0.08	− 2.96	339 39 53.88	47.068	− 2.47	− 22.4	10 5 0.23	− 1.05	+18 39 12.4	+ 8.8
39	B. D.+ 9°2317	9	8 35.62	− 0.05	− 2.96	330 39 53.35	46.980	− 2.47	− 34.1	10 8 32.61	− 1.07	+ 9 38 58.2	+ 9.6
40	B. D.+14°2228	9	11 42.23	− 0.06	− 2.96	335 13 53.48	43.445	− 2.47	− 28.0	10 11 39.21	− 1.06	+14 11 43.7	+ 9.2
41	B. D.+ 4°2313	9	15 42.57	− 0.06	− 2.96	325 7 51.88	43.788	− 2.47	− 42.3	10 15 39.55	− 1.11	+ 4 5 35.7	+ 9.9
42	B. D.+ 7°2289	9	18 9.43	− 0.04	− 2.96	328 1 52.28	47.430	− 2.47	− 37.8	10 18 6.43	− 1.09	+ 7 1 3.8	+ 9.7
43	B. D.+12°2211	9	22 17.32	− 0.05	− 2.96	332 47 52.88	48.520	− 2.47	− 31.2	10 22 14.31	− 1.08	+11 47 35.9	+ 9.3
44	B. D.+17°2231	9	23 43.22	− 0.07	− 2.96	338 37 53.55	45.780	− 2.47	− 23.7	10 23 40.19	− 1.07	+17 36 41.4	+ 8.8
45	B. D.+11°2239	9	26 38.09	− 0.05	− 2.96	332 39 52.68	46.842	− 2.47	− 31.4	10 26 35.08	− 1.08	+11 38 57.1	+ 9.2
46	B. D.+ 9°2374	9	30 10.48	− 0.05	− 2.96	330 9 53.08	44.605	− 2.47	− 34.8	10 30 7.47	− 1.09	+ 9 8 3.0	+ 9.4
47	B. D.+15°2232	9	34 13.39	− 0.06	− 2.96	336 13 54.92	47.175	− 2.47	− 26.7	10 34 10.37	− 1.08	+15 13 11.6	+ 8.9
48	34 Sextantis	9	37 50.44	− 0.04	− **2.98**	325 5 53.48	45.672	− 2.47	− 42.3	10 37 47.44	....	+ 4 4 20.3	....
49	B. D.+11°2277	9	41 43.81	− 0.05	− 2.96	332 41 53.38	46.512	− 2.47	− 31.3	10 41 40.80	− 1.09	+11 40 50.4	+ 9.1
50	B. D.+12°2266	9	46 16.14	− 0.05	− 2.96	333 5 53.30	45.765	− 2.47	− 30.8	10 46 13.13	− 1.09	+12 4 33.7	+ 9.0
51	B. D.+ 3°2429	9	49 5.22	− 0.04	− 2.96	324 11 53.28	43.290	− 2.47	− 43.8	10 49 2.22	− 1.13	+ 3 9 24.2	+ 9.2
52	B. D.− 0°2392	9	51 56.50	− 0.03	− 2.96	320 21 52.40	44.905	− 2.47	− 50.3	10 51 53.51	− 1.16	− 0 40 6.3	+ 9.1
53	*d* Leonis	9	55 46.49	− 0.04	− **2.92**	325 9 52.52	42.795	− 2.47	− 42.3	10 55 43.49	....	+ 4 7 13.6	....
54	B. D.− 0°2401	9	59 35.02	− 0.03	− 2.96	320 15 53.55	44.102	− 2.47	− 50.5	10 59 32.03	− 1.16	− 0 46 23.7	+ 8.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 8 44	......	....	35.9
8 57	29.74	37.0	36.0
9 13	......	....	35.9
9 29	......	....	35.8
9 51	29.755	36.6	35.8
5 6 11	30.13	35.6	34.0
6 44	......	....	33.2
7 12	30.145	34.1	33.0
7 42	......	....	33.0
8 7	30.15	33.5	32.5
9 7	30.17	32.4	31.9
9 34	......	....	31.8
9 56	30.18	31.7	31.6
10 20	......	....	31.2
10 43	30.19	31.0	31.0

Micrometer bisections are made at II, VI, except as noted below.

3.	Bisections at III, IV, V.
11.	Bisections at III, V.
15.	Bisections at b_1, b_3, b_5, b_7, b_9.
16.	Bisections at b_3, b_5, b_7, b_9.
23.	Bisections at VI, VII.
28, 30, 38, 47.	Bisections at II, VII.
32, 43, 53.	Bisections at I, II.
35.	Bisections at II, VI, VII.

Notes.

1-7. Conditions poor.
3, 5. Faint.
32. Assumed that mean of close double was observed.
41. One microscopic reading decreased 10″.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 7°2417	9	3 25.39	− 0.04	− 2.96	328 5 52.38	46.865	− 2.47	− 37.8	11 3 22.39	− 1.10	+ 7 4 50.9	+ 8.8
2	B. D.+12°2307	9	5 46.32	− 0.05	− 2.96	332 49 52.78	45.910	− 2.47	− 31.2	11 5 43.31	− 1.08	+11 48 36.1	+ 8.8
3	B. D.+ 6°2422	9	9 45.19	− 0.04	− 2.96	327 31 53.10	45.100	− 2.47	− 38.6	11 9 42.19	− 1.11	+ 6 30 10.5	+ 8.7
4	B. D.+ 2°2411	9	14 9.63	− 0.03	− 2.96	323 11 53.08	44.518	− 2.47	− 45.5	11 14 6.64	− 1.13	+ 2 9 50.3	+ 8.6
5	σ Leonis	9	16 21.50	− 0.04	− **2.93**	327 33 52.70	46.112	− 2.47	− 38.6	11 16 18.50	.....	+ 6 32 33.3	....
6	B. D.+ 2°2418	9	19 17.07	− 0.03	− 2.96	322 57 53.00	43.178	− 2.47	− 45.9	11 19 14.08	− 1.13	+ 1 55 19.2	+ 8.4
7	83 Leonis	9	22 3.96	− 0.04	− 2.96	324 33 53.50	43.358	− 2.47	− 43.3	11 22 0.96	.....	+ 3 31 26.4	....
8	B. D.+ 4°2480	9	24 50.09	− 0.04	− 2.96	325 19 52.98	44.148	− 2.47	− 42.1	11 24 47.09	− 1.11	+ 4 17 45.2	+ 8.4
9	B. D.+ 1°2580	9	28 38.57	− 0.03	− 2.96	322 21 53.05	43.058	− 2.47	− 46.9	11 28 35.58	− 1.13	+ 1 19 15.6	+ 8.1
10	υ Leonis	9	32 12.29	− 0.03	− **2.95**	320 43 53.18	44.128	− 2.47	− 49.7	11 32 9.30	.....	− 0 18 22.7	....
	March 5, Br.												
11	381 G. Centauri	9	50 2.43	− 0.07	− 3.07	287 35 51.72	45.220	− 3.03	−3 10.8	14 49 59.29	− 0.87	−33 28 20.7	− 7.3
12	2 H. Ursæ Minoris	9	56 9.96	− 0.83	− 3.07	27 19 56.50	42.010	− 3.03	+ 31.8	14 56 6.06	− 0.79	+66 18 13.1	+13.1
13	φ Boötis	9	0 28.67	− 0.09	− **3.07**	348 19 54.60	45.298	− 3.03	− 12.6	15 0 25.51	.....	+27 18 41.9	....
14	57 B. Ursæ Minoris	9	7 40.56	−12.00	− 3.07	48 35 57.30	43.809	− 3.03	+1 9.6	15 7 25.49	.....	+87 35 32.4	....
15	σ² Libræ	9	17 50.75	0.00	− 3.07	306 13 49.60	47.040	− 3.03	−1 23.4	15 17 47.68	.....	−14 47 52.9	....
16	32 Libræ	9	23 0.79	− 0.01	− **3.09**	304 39 51.18	43.540	− 3.03	−1 28.4	15 22 57.71	.....	−16 23 17.3	....
17	ν² Boötis	9	28 28.70	− 0.21	− 3.07	2 13 54.28	45.225	− 3.03	+ 2.5	15 28 25.42	− 0.30	+41 12 55.1	+11.8
18	α Serpentis	9	39 41.64	− 0.01	− **3.10**	327 43 51.70	47.875	− 3.03	− 38.7	15 39 38.56	.....	+ 6 43 11.9	....
19	χ Lupi	9	45 2.66	− 0.07	− 3.07	287 43 50.95	45.245	− 3.03	−3 9.6	15 44 59.52	− 0.48	−33 20 19.7	− 9.2
20	χ Herculis	5	49 29.11	− 0.23	− 3.07	3 43 54.92	44.560	− 3.03	+ 4.1	15 49 25.81	.....	+42 42 42.2	....
21	49 Libræ	9	55 6.36	− 0.01	− 3.07	304 47 49.88	43.412	− 3.03	−1 28.1	15 55 3.28	.....	−16 15 21.2	....
22	β¹ Scorpii	9	0 1.53	− 0.02	− **3.08**	301 29 51.20	45.225	− 3.03	−1 39.9	15 59 58.44	.....	−19 32 50.2	....
23	151 H¹. Cephei s. p.	9	6 45.28	+ 6.84	− 3.07	55 41 56.20	42.554	− 3.03	+1 30.1	4 6 49.05	.....	+85 18 36.1	....
24	λ Ophiuchi	9	26 13.47	0.00	− **3.10**	323 11 52.32	48.518	− 3.03	− 45.9	16 26 10.40	.....	+ 2 11 20.0	....
25	ζ Ophiuchi	9	32 2.04	0.00	− **3.08**	310 39 51.55	44.605	− 3.03	−1 11.4	16 31 58.97	.....	−10 22 35.6	....
26	η Herculis	8	39 43.58	− 0.19	− 3.07	0 7 54.68	42.538	− 3.03	+ 0.2	16 39 40.32	.....	+39 5 51.8	....
27	ε Scorpii	9	44 7.63	− 0.07	− 3.07	286 55 51.52	48.575	− 3.03	−3 19.0	16 44 4.49	.....	−34 7 12.5	....
28	ι Ophiuchi	8	49 36.60	− 0.02	− 3.07	331 19 53.80	47.370	− 3.03	− 33.6	16 49 33.51	+ 0.10	+10 19 7.5	+ 4.6
29	κ Ophiuchi	9	53 16.13	− 0.02	− **3.10**	330 31 53.08	47.595	− 3.03	− 34.7	16 53 13.04	.....	+ 9 31 10.9	....
	March 6, Br.												
30	Sun I, N.	9	4 36.51	− 0.01	− 3.04	315 27 51.55	47.870	− 2.57	− 58.8	23 4 33.46	+65.16	− 5 33 7.6	....
31	Sun II, S.	9	6 46.84	− 0.01	− 3.04	314 55 52.20	47.265	− 2.57	− 59.9	23 6 43.79	−65.17	− 6 5 22.6	....
32	Mercury I, C.	9	51 28.71	− 0.02	− 3.04	319 49 52.62	42.682	− 2.62	− 50.4	23 51 25.65	+ 0.18	− 1 12 57.1	....
33	Neptune C, C.	9	33 8.32	− 0.07	− 3.01	343 17 54.52	47.840	− 2.24	− 17.9	6 33 5.24	.....	+22 17 35.4	....
34	ξ Geminorum	9	40 4.32	− 0.03	− **3.01**	334 1 53.15	43.408	− 2.24	− 29.1	6 40 1.28	.....	+12 59 41.6	....
35	κ Canis Majoris	9	46 23.59	− 0.07	− 3.01	288 39 52.12	44.480	− 2.24	−2 55.4	6 46 20.51	− 0.66	−32 24 21.0	+22.0
36	θ Canis Majoris	9	49 52.94	− 0.01	− **3.00**	309 5 56.02	47.320	− 2.24	−1 13.5	6 49 49.92	.....	−11 55 30.4	....
37	22 Canis Majoris	9	58 2.28	− 0.05	− 3.01	293 15 56.48	42.698	− 2.24	−2 18.5	6 57 59.22	− 0.69	−27 48 20.5	+20.8
38	45 Geminorum	9	3 2.25	− 0.04	− 3.01	337 5 57.20	45.818	− 2.24	− 25.3	7 2 59.20	− 0.53	+16 4 44.6	+ 9.3
39	18 Lyncis	8	7 47.18	− 0.56	− 3.01	20 49 59.28	42.798	− 2.24	+ 22.9	7 7 43.61	− 0.95	+59 48 25.8	− 3.6
40	λ Geminorum	9	12 45.18	− 0.05	− **3.01**	337 43 57.28	45.145	− 2.24	− 24.5	7 12 42.12	.....	+16 42 30.0	....
41	143 B. Camelopardalis	9	21 11.84	− 0.96	− 3.01	29 40 0.32	45.442	− 2.24	+ 34.3	7 21 7.87	.....	+68 39 38.6	....
42	n¹ Puppis	8	30 24.20	− 0.04	− 3.01	297 47 55.45	41.425	− 2.24	−1 53.4	7 30 21.15	− 0.84	−23 16 25.6	+19.0
43	24 Lyncis	9	35 8.24	− 0.53	− 3.01	19 55 59.32	46.800	− 2.24	+ 21.9	7 35 4.70	.....	+58 55 56.3	....
44	κ Geminorum	9	38 50.29	− 0.08	− **3.00**	345 39 58.52	41.660	− 2.24	− 15.3	7 38 47.21	.....	+24 37 20.8	....
45	φ Geminorum	9	47 48.63	− 0.10	− **3.00**	348 1 58.52	44.545	− 2.24	− 12.7	7 47 45.53	.....	+27 0 29.4	....
46	Moon I, N.	9	56 39.84	− 0.06	− 3.00	339 31 55.75	48.783	− 2.24	− 22.3	7 56 36.78	+68.00	+18 31 53.9	....
47	κ Cephei s. p.	9	12 1.30	+ 2.82	− 3.00	63 34 0.80	43.765	− 2.24	+2 0.9	20 12 1.12	.....	+77 25 32.4	....
48	ο Ursæ Majoris	9	22 32.78	− 0.61	− 3.00	22 1 59.12	46.965	− 2.24	+ 24.5	8 22 29.17	.....	+61 2 2.4	....
49	η Cancri	9	27 20.43	− 0.07	− **3.01**	341 47 56.52	42.420	− 2.24	− 19.7	8 27 17.36	.....	+20 45 31.8	....
50	γ Cancri	9	37 54.88	− 0.07	− **3.01**	342 49 57.40	44.385	− 2.24	− 18.6	8 37 51.81	.....	+21 48 18.7	....
51	ε Hydræ	9	41 51.88	− 0.02	− **3.00**	327 47 55.10	43.602	− 2.24	− 37.9	8 41 48.86	.....	+ 6 45 39.2	....
52	σ² Cancri (*mean*)	9	48 34.80	− 0.13	− 3.00	351 57 58.40	43.262	− 2.24	− 8.5	8 48 31.67	.....	+30 56 4.1	....
53	ν Cancri	9	57 18.68	− 0.09	− 3.00	345 51 57.72	41.538	− 2.24	− 15.2	8 57 15.59	− 0.94	+24 49 17.4	+ 7.5

Time	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 11 11		..	30.8
11 33	30.20	30.5	30.5
14 48	30.245	29.2	28.1
15 12	....	....	28.0
15 47			27.7
16 13	30.27	28.2	27.3
16 58	30.28	27.8	26.9
6 23 7	30.33	41.1	40.0
23 51	30.305	42.0	40.9
6 34	30.295	38.8	38.1
6 50	....	....	37.9
7 16	....	....	37.1
7 24	30.19	37.7	37.0
8 2	....	....	36.0
8 30	....	....	35.8

Micrometer bisections are made at II, VI, except as noted below.

1, 4, 8.	Bisections at II, VII.
12, 26, 39, 41, 43, 48.	Bisections at III, V.
13, 21, 22, 28, 30, 35, 50.	Bisections at I, II.
14, 23.	Bisections at b_1, b_3, b_5, b_7, b_9.
17.	Bisections at IV, V.
20.	Bisections at b_6, b_9.
31, 44.	Bisections at VI, VII.
32, 33.	Bisections at I, II, VI, VII.
46.	Bisections at II, III, IV, V, VI.
47.	Bisections at III, IV, V.

Notes.

26. Observed head north.

36–38. Slight haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
30	+ 6.2	−16 7.5	...	−16 1.3
31	+ 6.2	+16 7.5	...	+16 13.7
32	+ 4.7	.. ....	+0.1	+ 4.8
33	+ 0.1	.. ....	...	+ 0.1
46	+19 35.0	−15 30.1	...	+4 4.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	March 6, Ei.-Y.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ε Leonis	9	40 35.09	− 0.10	− **2.87**	345 13 58.30	44.282	− 2.05	− 15.8	9 40 32.11	.....	+24 12 20.2	....
2	B. D.+15°2115	9	44 9.12	− 0.05	− 2.88	336 25 56.85	42.802	− 2.05	− 26.2	9 44 6.19	− 1.03	+15 23 34.6	+ 9.2
3	μ Leonis	9	47 29.23	− 0.11	− **2.91**	347 27 58.42	45.638	− 2.05	− 13.3	9 47 26.24	.....	+26 26 53.8	....
4	γ Leonis (*pr.*)	9	14 51.58	− 0.07	− **2.92**	341 19 56.85	46.060	− 2.05	− 20.3	10 14 48.63	.....	+20 18 54.9	....
5	B. D.+ 6°2301	9	18 25.78	− 0.02	− 2.88	327 11 55.38	44.845	− 2.05	− 38.8	10 18 22.88	− 1.10	+ 6 10 7.2	+ 9.8
6	B. D.+ 5°2331	9	20 31.76	− 0.02	− 2.88	326 39 55.68	47.410	− 2.05	− 39.6	10 20 28.86	− 1.10	+ 5 39 5.3	+ 9.8
7	μ Hydræ	9	21 36.84	− 0.01	− **2.87**	304 39 55.02	47.855	− 2.05	−1 26.8	10 21 33.95	.....	−16 21 32.3	....
8	B. D.+ 8°2369	9	24 58.77	− 0.03	− 2.88	329 33 56.35	42.772	− 2.05	− 35.4	10 24 55.86	− 1.09	+ 8 31 24.2	+ 9.5
9	B. D.+ 5°2347	9	27 29.59	− 0.02	− 2.88	326 9 56.00	43.355	− 2.05	− 40.3	10 27 26.69	− 1.11	+ 5 7 32.3	+ 9.6
10	B. D.+13°2280	9	32 6.32	− 0.04	− 2.88	334 21 56.10	47.010	− 2.05	− 28.9	10 32 3.40	− 1.08	+13 21 7.3	+ 9.1
11	B. D.+ 9°2388	9	36 32.05	− 0.03	− 2.88	330 3 57.10	47.170	− 2.05	− 34.6	10 36 29.14	− 1.10	+ 9 3 6.3	+ 9.3
12	34 Sextantis	9	37 50.30	− 0.02	− **2.86**	325 5 56.60	45.470	− 2.05	− 42.0	10 37 47.40	.....	+ 4 4 19.5	....
13	37 Sextantis	9	41 16.08	− 0.02	− 2.88	327 53 55.28	44.472	− 2.05	− 37.8	10 41 13.18	.....	+ 6 51 59.6	....
	March 8, Hl.												
14	Moon I, N	9	50 56.46	− 0.04	− 2.88	334 15 59.72	47.055	− 2.85	− 27.8	9 50 53.54	+68.29	+13 15 12.3	....
	March 9, Ei.-Y.												
15	*l* Leonis	9	44 22.94	− 0.06	− **2.70**	332 3 56.52	45.350	− 3.24	− 30.8	10 44 20.17	.....	+11 2 26.7	....
16	Moon I, N	9	48 13.08	− 0.06	− 2.71	330 9 56.42	48.161	− 3.24	− 33.3	10 48 10.31	+68.19	+ 9 9 28.4	....
17	B. D.+ 8°2445	9	54 43.13	− 0.06	− 2.71	328 45 56.38	43.405	− 3.24	− 35.3	10 54 40.36	− 1.12	+ 7 43 37.6	+ 9.0
18	B. D.+ 9°2441	9	57 42.76	− 0.06	− 2.71	330 41 56.80	45.850	− 3.24	− 32.6	10 57 39.99	− 1.11	+ 9 40 36.6	+ 8.9
19	χ Leonis	9	0 14.03	− 0.06	− **2.69**	328 51 56.58	45.780	− 3.24	− 35.1	11 0 11.26	.....	+ 7 50 32.3	....
20	*p*⁴ Leonis	9	2 10.51	− 0.05	− 2.71	323 29 56.58	44.252	− 3.24	− 43.1	11 2 7.75	.....	+ 2 27 49.4	....
21	B. D.+ 5°2451	9	3 58.51	− 0.06	− 2.71	326 31 55.70	44.395	− 3.24	− 38.5	11 3 55.74	− 1.13	+ 5 29 56.4	+ 8.9
22	B. D.+ 8°2476	9	9 12.72	− 0.06	− 2.71	329 35 56.18	45.392	− 3.24	− 34.2	11 9 9.95	− 1.12	+ 8 34 23.9	+ 8.8
23	φ Leonis	9	11 56.97	− 0.06	− 2.71	317 53 57.02	44.102	− 3.24	− 52.6	11 11 54.20	− 1.19	− 3 8 23.1	+ 8.8
24	B. D.+ 4°2449	9	14 57.98	− 0.06	− 2.71	325 9 56.80	44.680	− 3.24	− 40.5	11 14 55.21	− 1.14	+ 4 8 2.0	+ 8.7
25	σ Leonis	9	16 21.28	− 0.06	− **2.67**	327 33 56.48	45.885	− 3.24	− 37.0	11 16 18.51	.....	+ 6 32 32.7	....
26	B. D.+ 0°2782	9	18 33.06	− 0.05	− 2.71	321 39 56.65	46.830	− 3.24	− 46.1	11 18 30.30	− 1.16	+ 0 38 45.4	+ 8.6
27	B. D.+ 4°2461	9	20 53.43	− 0.06	− 2.71	324 49 57.10	47.290	− 3.24	− 41.0	11 20 50.66	− 1.14	+ 3 49 1.4	+ 8.6
28	τ Leonis	9	23 10.12	− 0.06	− **2.69**	324 23 57.25	45.488	− 3.24	− 41.7	11 23 7.35	.....	+ 3 22 19.7	....
29	B. D.+10°2291	9	24 11.95	− 0.06	− 2.71	331 33 57.12	47.282	− 3.24	− 31.6	11 24 9.18	− 1.11	+10 33 10.6	+ 8.6
30	B. D.+10°2302	9	28 10.37	− 0.06	− 2.71	330 55 56.78	44.180	− 3.24	− 32.4	11 28 7.60	− 1.11	+ 9 53 58.6	+ 8.5
31	B. D.− 3°3144	9	30 15.33	− 0.05	− 2.71	317 11 55.95	43.805	− 3.24	− 54.0	11 30 12.57	− 1.20	− 3 50 32.3	+ 8.2
32	υ Leonis	9	32 12.12	− 0.05	− **2.73**	320 43 56.42	43.878	− 3.24	− 47.7	11 32 9.36	.....	− 0 18 23.9	....
33	B. D.+ 7°2468	9	33 46.23	− 0.06	− 2.71	328 3 55.72	42.175	− 3.24	− 36.4	11 33 43.46	− 1.12	+ 7 1 7.8	+ 8.4
34	B. D.+ 0°2826	9	38 35.03	− 0.05	− 2.71	321 43 56.40	45.745	− 3.24	− 46.0	11 38 32.27	− 1.15	+ 0 42 20.4	+ 8.1
35	B. D.− 4°3137	9	41 37.31	− 0.05	− 2.71	316 11 54.98	46.048	− 3.24	− 56.0	11 41 34.55	− 1.20	− 4 49 44.1	+ 7.7
36	B. D.− 1°2576	9	45 41.91	− 0.05	− 2.71	319 7 56.22	45.455	− 3.24	− 50.5	11 45 39.15	− 1.17	− 1 53 50.9	+ 7.8
37	B. D.− 0°2507	9	49 17.38	− 0.05	− 2.71	320 29 56.08	47.345	− 3.24	− 48.1	11 49 14.62	− 1.16	− 0 31 5.4	+ 7.7
38	B. D.+ 6°2529	9	52 3.08	− 0.06	− 2.71	326 53 55.30	44.538	− 3.24	− 38.1	11 52 0.31	− 1.11	+ 5 51 59.6	+ 8.0
39	B. D.+ 2°2499	9	54 39.03	− 0.05	− 2.70	323 21 56.70	47.255	− 3.24	− 43.4	11 54 36.28	− 1.13	+ 2 20 57.8	+ 7.8
40	π Virginis	9	56 7.30	− 0.06	− **2.76**	328 9 55.30	44.970	− 3.24	− 36.3	11 56 4.54	.....	+ 7 8 11.3	....
41	B. D.+ 6°2543	9	59 0.44	− 0.06	− 2.70	327 5 55.65	46.860	− 3.24	− 37.8	11 58 57.68	− 1.10	+ 6 4 53.3	+ 7.9
42	B. D.+ 1°2656	9	3 15.69	− 0.05	− 2.70	322 9 57.00	46.415	− 3.24	− 45.4	12 3 12.94	− 1.13	+ 1 8 36.9	+ 7.4
43	B. D.− 1°2632	9	6 36.79	− 0.05	− 2.70	318 51 55.78	43.652	− 3.24	− 51.1	12 6 34.04	− 1.15	− 2 10 33.1	+ 7.1
44	B. D.− 0°2554	9	10 15.10	− 0.05	− 2.70	320 13 56.10	44.115	− 3.24	− 48.7	12 10 12.35	− 1.13	− 0 48 19.8	+ 7.1
45	B. D.+ 2°2526	9	13 12.97	− 0.05	− 2.70	323 7 56.88	44.092	− 3.24	− 43.8	12 13 10.22	− 1.11	+ 2 5 45.3	+ 7.3
46	*c* Virginis	9	15 38.43	− 0.06	− 2.70	324 51 56.95	44.785	− 3.24	− 41.1	12 15 35.67	− 1.09	+ 3 50 3.9	+ 7.4
47	B. D.+ 2°2536	9	19 56.15	− 0.05	− 2.70	322 55 55.98	45.268	− 3.24	− 44.1	12 19 53.40	− 1.10	+ 1 54 11.0	+ 7.1
48	B. D.− 7°3409	9	23 9.88	− 0.06	− 2.70	312 51 56.15	46.975	− 3.24	−1 2.9	12 23 7.12	− 1.18	− 8 9 28.6	+ 5.9
49	B. D.− 3°3309	9	26 4.68	− 0.05	− 2.70	317 29 56.68	43.665	− 3.24	− 53.6	12 26 1.93	− 1.13	− 3 32 34.4	+ 6.4
50	B. D.− 0°2590	9	29 37.97	− 0.05	− 2.70	320 9 56.18	41.155	− 3.24	− 48.8	12 29 35.22	− 1.10	− 0 53 27.5	+ 6.5
51	B. D.+ 1°2721	9	31 5.73	− 0.05	− 2.70	322 9 56.35	43.538	− 3.24	− 45.4	12 31 2.98	− 1.08	+ 1 7 30.6	+ 6.7
52	B. D.+ 2°2560	9	33 38.56	− 0.05	− 2.70	323 23 56.02	45.382	− 3.24	− 43.4	12 33 35.81	− 1.07	+ 2 22 14.4	+ 6.8
53	γ Virginis (*pr.*)	5	36 57.54	− 0.05	− 2.70	320 5 56.22	44.805	− 3 24	− 48.9	12 36 54.79	.....	− 0 56 4.1	....
54	γ Virginis (*fol.*)	4	36 57.72	− 0.05	− 2.70	320 5 56.22	44.562	− 3.24	− 48.9	12 36 54.97	.....	− 0 56 9.7	....
55	B. D.+ 3°2695	9	41 31.12	− 0.05	− 2.70	323 59 56.60	46.315	− 3.24	− 42.5	12 41 28.37	− 1.05	+ 2 58 37.2	+ 6.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 9 0	30.18	36.3	35.0
9 38	30.155	35.7	34.9
10 14	.....	.....	34.5
10 29	30.16	35.3	34.7
10 43	....	.....	34.4
11 5	30.13	34.9	34.1
8 9 51	29.38	42.9	42.3
9 10 42	29.45	40.1	40.0
11 7	....		39.1
11 35	29.44	38.7	37.6
12 1	....	....	36.6
12 21	29.435	37.5	37.0
12 45	....	.....	36.2
13 5	29.43	36.9	....

Micrometer bisections are made at II, VI, except as noted below.

6, 24, 28, 32, 39, 53.	Bisections at I, II.
14, 16.	Bisections at II, III, IV, V, VI.
15, 54.	Bisections at VI, VII.
21, 26, 29, 41, 42, 43.	Bisections at II, VII.

Notes.

10–13. Clouds.

18–55. Images at times unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+25 8.3	−15 58.3	...	+ 9 10.0
16	+29 12.8	−16 10.6	...	+13 2.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	March 10, Hl.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Ursæ Minoris s. P.	9	2 26.28	+ 7.90	− 2.71	54 24 0.92	42.722	− 3.59	+1 22.5	18 2 31.47	.....	+86 36 35.9	....
2	Neptune C, C	9	33 1.92	− 0.08	− 2.71	343 17 58.58	48.395	− 3.59	− 17.7	6 32 59.13	.....	+22 17 50.9	....
3	ξ Geminorum	9	40 3.99	− 0.05	− **2.71**	334 1 57.02	43.310	− 3.59	− 28.8	6 40 1.23	.....	+12 59 42.2	....
4	θ Canis Majoris	9	49 52.61	− 0.06	− **2.69**	309 7 56.20	42.115	− 3.59	−1 12.2	6 49 49.84	.....	−11 55 29.2	....
5	51 H. Cephei	9	57 0.78	− 8.70	− 2.71	48 12 1.72	45.138	− 3.59	+1 6.3	6 56 49.37	.....	+87 12 3.8	....
6	δ Geminorum	9	14 33.96	− 0.08	− **2.69**	343 11 58.60	41.630	− 3.59	− 17.9	7 14 31.17	.....	+22 9 16.3	....
7	ι Geminorum	9	19 56.77	− 0.10	− **2.69**	348 59 59.05	46.038	− 3.59	− 11.5	7 19 53.96	.....	+27 59 3.8	....
8	n^1 Puppis	9	30 23.88	− 0.10	− 2.71	297 47 54.65	41.510	− 3.59	−1 52.0	7 30 21.07	− 0.76	−23 16 24.4	+19.3
9	l Puppis	9	40 5.89	− 0.12	− 2.71	292 19 55.35	43.722	− 3.59	−2 23.3	7 40 3.06	− 0.88	−28 44 4.4	+19.9
10	9 Puppis	9	47 28.71	− 0.06	− 2.71	307 23 55.20	43.275	− 3.59	−1 17.5	7 47 25.94	.....	−13 39 9.0	....
11	γ Geminorum	9	57 48.32	− 0.10	− **2.64**	349 3 58.60	47.060	− 3.59	− 11.4	7 57 45.51	.....	+28 3 26.9	....
12	181 B. Camelopardalis	.	.. ..	....	....	34 58 0.00	45.154	− 3.59	+ 41.6	8 29	.....	+73 57 37.4	− 5.0
13	a Mali	9	39 53.12	− 0.15	− 2.70	288 13 54.62	42.455	− 3.59	−2 58.2	8 39 50.27	.....	−32 51 9.0	....
	March 10, Ei.-Y.												
14	γ Leonis (*pr.*)	9	14 51.34	− 0.09	− **2.65**	341 19 57.38	46.110	− 3.39	− 20.1	10 14 48.67	.....	+20 18 55.4	....
15	42 Leonis	9	16 50.84	− 0.08	− 2.58	336 27 56.98	46.225	− 3.39	− 25.9	10 16 48.18	− 1.07	+15 26 51.9	+ 8.8
16	μ Hydræ	9	21 36.65	− 0.08	− **2.61**	304 39 55.05	47.835	− 3.39	−1 25.8	10 21 33.99	.....	−16 21 33.1	....
17	B. D.+15°2205	9	23 26.98	− 0.08	− 2.58	336 15 57.78	43.712	− 3.39	− 26.1	10 23 24.32	− 1.08	+15 13 55.1	+ 8.8
18	B. D.+ 2°2325	9	25 43.51	− 0.06	− 2.58	323 39 57.10	44.330	− 3.39	− 43.8	10 25 40.87	− 1.13	+ 2 37 50.8	+ 9.9
19	ρ Leonis	9	27 55.61	− 0.06	− **2.65**	330 47 56.38	47.695	− 3.39	− 33.3	10 27 52.97	.....	+ 9 47 17.5	....
20	B. D.+ 4°2351	9	29 29.89	− 0.06	− 2.58	325 37 56.38	43.730	− 3.39	− 40.7	10 29 27.25	− 1.12	+ 4 35 39.5	+ 9.7
21	B. D.+ 6°2326	9	33 37.75	− 0.06	− 2.58	327 25 55.65	44.572	− 3.39	− 38.1	10 33 35.11	− 1.12	+ 6 24 0.6	+ 9.5
22	B. D.+11°2269	9	37 23.77	− 0.07	− 2.58	331 51 57.20	46.132	− 3.39	− 31.8	10 37 21.12	− 1.10	+10 50 44.1	+ 9.1
23	B. D.+13°2302	9	41 24.79	− 0.07	− 2.58	334 15 56.85	45.372	− 3.39	− 28.7	10 41 22.14	− 1.10	+13 14 29.5	+ 8.8
24	l Leonis	9	44 22.83	− 0.07	− **2.57**	332 3 56.78	45.380	− 3.39	− 31.6	10 44 20.18	.....	+11 2 26.7	....
25	B. D.+ 5°2412	9	47 47.75	− 0.06	− 2.58	326 31 55.75	44.695	− 3.39	− 39.4	10 47 45.11	− 1.13	+ 5 30 2.2	+ 9.3
26	B. D.+ 1°2502	9	51 25.09	− 0.06	− 2.58	321 57 57.18	44.678	− 3.39	− 46.6	10 51 22.45	− 1.16	+ 0 55 56.1	+ 9.4
27	B. D.+ 5°2425	9	54 46.96	− 0.06	− 2.58	325 53 55.92	42.902	− 3.39	− 40.3	10 54 44.32	− 1.14	+ 4 51 20.5	+ 9.2
28	d Leonis	9	55 46.23	− 0.06	− **2.62**	325 9 56.72	42.570	− 3.39	− 41.4	10 55 43.59	.....	+ 4 7 12.6	....
29	B. D.+ 0°2729	9	58 51.75	− 0.06	− 2.58	321 31 57.00	45.395	− 3.39	− 47.3	10 58 49.11	− 1.17	+ 0 30 11.6	+ 9.2
30	B. D.+10°2250	9	2 22.59	− 0.07	− 2.58	331 43 57.10	47.188	− 3.39	− 32.0	11 2 19.94	− 1.11	+10 43 7.9	+ 8.8
31	B. D.+ 2°2391	9	4 14.75	− 0.06	− 2.58	323 7 56.40	45.372	− 3.39	− 44.7	11 4 12.11	− 1.16	+ 2 6 13.1	+ 9.0
32	B. D.+ 5°2467	9	9 31.61	− 0.06	− 2.58	325 49 56.68	45.640	− 3.39	− 40.4	11 9 28.97	− 1.14	+ 4 48 23.7	+ 8.8
33	B. D.+ 2°2409	9	12 31.00	− 0.06	− 2.58	323 33 57.10	43.500	− 3.39	− 44.0	11 12 28.36	− 1.16	+ 2 31 31.7	+ 8.7
34	B. D.+ 3°2490	9	16 10.31	− 0.06	− 2.58	323 57 56.28	45.210	− 3.39	− 43.4	11 16 7.67	− 1.15	+ 2 56 10.5	+ 8.7
35	B. D.− 2°3337	9	18 50.48	− 0.06	− 2.58	318 15 56.48	44.128	− 3.39	− 53.2	11 18 47.84	− 1.20	− 2 46 23.8	+ 8.6
36	B. D.+ 4°2463	9	21 4.00	− 0.06	− 2.58	325 23 56.80	46.080	− 3.39	− 41.2	11 21 1.36	− 1.14	+ 4 22 33.1	+ 8.6
37	B. D.− 3°3128	9	24 30.63	− 0.06	− 2.58	317 5 56.52	45.262	− 3.39	− 55.5	11 24 27.99	− 1.20	− 3 56 0.1	+ 8.4
38	B. D.+ 8°2518	9	28 20.51	− 0.06	− 2.57	328 57 56.30	43.628	− 3.39	− 36.0	11 28 17.88	− 1.12	+ 7 55 41.8	+ 8.5
39	B. D.+ 7°2461	9	30 46.58	− 0.06	− 2.57	328 3 55.88	45.672	− 3.39	− 37.2	11 30 43.95	− 1.13	+ 7 2 26.9	+ 8.4
40	B. D.− 2°3390	9	35 33.12	− 0.06	− 2.57	318 13 56.20	45.262	− 3.39	− 53.4	11 35 30.49	− 1.19	− 2 47 58.3	+ 8.1
41	B. D.− 5°3340	9	39 10.92	− 0.06	− 2.57	314 51 55.15	47.152	− 3.39	−1 0.1	11 39 8.29	− 1.22	− 6 9 22.9	+ 7.8
42	B. D.− 2°3411	9	41 56.07	− 0.06	− 2.57	317 47 56.40	47.140	− 3.39	− 54.2	11 41 53.44	− 1.19	− 3 13 16.0	+ 7.9
43	Moon S	.	.. ..	....	....	324 51 57.18	44.125	− 3.39	− 42.2	.. ..	......	+ 3 49 44.5	....
44	Moon II, N	9	47 39.80	− 0.06	− 2.57	325 23 57.30	46.660	− 3.39	− 41.3	11 47 37.17	−68.16	+ 4 22 50.2	....
45	B. D.+ 5°2555	9	49 19.14	− 0.06	− 2.57	326 25 56.50	44.538	− 3.39	− 39.8	11 49 16.51	− 1.12	+ 5 23 59.0	+ 8.0
46	B. D.− 3°3210	9	52 16.47	− 0.06	− 2.57	316 45 56.12	46.158	− 3.39	− 56.3	11 52 13.84	− 1.19	− 4 15 40.8	+ 7.5
47	b Virginis	9	55 11.81	− 0.06	− 2.57	325 11 55.92	46.308	− 3.39	− 41.6	11 55 9.18	− 1.13	+ 4 10 37.1	+ 7.8
48	B. D.+ 2°2509	9	59 28.52	− 0.06	− 2.57	322 59 55.92	47.623	− 3.39	− 45.1	11 59 25.89	− 1.14	+ 1 59 3.6	+ 7.6
49	B. D.− 3°3239	9	3 27.19	− 0.06	− 2.57	317 15 56.22	45.478	− 3.39	− 55.4	12 3 24.56	− 1.18	− 3 45 55.4	+ 7.1
50	B. D.− 2°3478	9	6 37.09	− 0.06	− 2.57	317 45 56.05	46.978	− 3.39	− 54.4	12 6 34.46	− 1.17	− 3 15 20.3	+ 7.1
51	B. D.− 6°3532 (*pr.*)	9	10 21.74	− 0.06	− 2.57	314 17 55.68	45.345	− 3.39	−1 1.4	12 10 19.11	− 1.20	− 6 44 5.0	+ 6.6
52	B. D.− 3°3262	9	13 23.61	− 0.06	− 2.57	317 35 57.30	45.125	− 3.39	− 54.7	12 13 20.98	− 1.16	− 3 26 1.7	+ 6.8
53	η Virginis	9	15 9.54	− 0.06	− **2.51**	320 53 55.88	43.015	− 3.39	− 48.7	12 15 6.91	.....	− 0 8 45.3	....
54	B. D.+ 0°2932	9	16 52.88	− 0.06	− 2.57	321 23 56.82	44.265	− 3.39	− 47.9	12 16 50.25	− 1.13	+ 0 21 45.0	+ 7.1
55	B. D.− 0°2570	9	20 33.01	− 0.06	− 2.57	320 27 55.68	47.540	− 3.39	− 49.4	12 20 30.38	− 1.13	− 0 33 2.8	+ 6.9
56	B. D.+ 5°2631	9	23 34.66	− 0.06	− 2.57	325 55 56.35	47.062	− 3.39	− 40.5	12 23 32.03	− 1.09	+ 4 54 55.8	+ 7.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 6 6	29.78	39.1	38.2
6 27	......	....	38.1
6 44	....	....	37.9
7 8	29.80	38.2	37.4
7 24	......	....	37.0
7 37	......	....	36.9
7 54	.	....	36.1
8 18	29.84	36.8	36.9
8 34	..	....	37.0
8 47	29.84	37.0	36.4
10 12	29.845	35.6	35.4
10 35			34.2
11 0	29.85	34.8	35.0
11 26			33.8
11 53	29.865	33.6	32.0
12 18	....	..	32.0

Micrometer bisections are made at II, VI, except as noted below.

1, 5. Bisections at b_4, b_5, b_6.
2, 10. Bisections at I, II, VI, VII.
3, 45. Bisections at VI, VII.
12. Bisections at II, III, V, VI.
17, 18. 22, 23. 26, 28, 29, 33, 38, 46, 50. Bisections at II, VII.
27. Bisections at I, II.
43. Bisections at I, II, III.
44. Bisections at V, VI, VII.
48. Bisections at II, VI, VII.

Notes.

1-13. Conditions rather poor; clouds.
9. Very unsteady.
10, 13. Faint.
38-56. Images poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
2	+ 0.1	.. ....	...	+ 0.1
43	+34 12.1	+16 18.6	0.0	+50 30.7
44	+33 43.6	−16 18.6	...	+17 25.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 2°2552	9	26 30.14	− 0.06	− 2.57	322 51 56.68	46.670	− 3.39	− 45.4	12 26 27.51	− 1.10	+ 1 50 42.3	+ 6.9
2	B. D.− 6°3598	9	30 57.81	− 0.06	− 2.57	314 5 56.82	45.968	− 3.39	−1 3.3	12 30 55.18	− 1.17	− 6 55 51.5	+ 5.9
3	B. D.− 3°3329	9	33 57.07	− 0.06	− 2.57	317 9 55.85	46.690	− 3.39	− 55.6	12 33 54.44	− 1.13	− 3 51 28.3	+ 6.1
4	ρ Virginis	9	37 11.32	− 0.07	− **2.55**	331 47 56.50	41.920	− 3.39	− 32.2	12 37 8.68	.....	+10 45 6.7	....
	March 12, Bs.												
5	Sun N	.	.. ..	.....	....	317 49 56.15	43.390	− 2.88	− 53.3	23 27	.....	− 3 12 40.2	....
6	Sun S	.	.. ..	.....	....	317 17 55.98	42.858	− 2.88	− 54.3	.. ..	.....	− 3 44 54.2	....
7	Mercury C	.	.. ..	.....	....	325 3 56.35	46.444	− 2.66	− 41.0	0 27	.....	+ 4 2 41.9	....
	March 15, Br.												
8	Moon S	.	.. ..	.....	....	302 41 55.70	42.267	− 3.19	−1 33.5	16 40	.....	−18 21 47.2	....
	March 16, Br.												
9	Sun S	.	.. ..	.....	....	318 51 56.65	44.140	− 2.96	− 51.6	23 42	.....	− 2 10 21.0	....
10	Sun N	.	.. ..	.....	....	319 23 56.82	44.545	− 2.96	− 50.6	.. ..	.....	− 1 38 11.2	....
	March 17, Bs.												
11	μ Boötis	9	20 58.92	− 0.17	− 1.76	358 44 0.22	43.398	− 2.72	− 1.3	15 20 56.99	.....	+37 42 15.7	....
12	β Coronæ Borealis	9	23 59.68	− 0.10	− **1.69**	350 27 57.85	42.242	− 2.72	− 10.4	15 23 57.82	.....	+29 25 37.9	....
13	ν^2 Boötis	9	28 27.68	− 0.21	− 1.75	2 14 1.18	44.960	− 2.72	+ 2.5	15 28 25.72	− 0.68	+41 12 56.2	+11.0
14	α Serpentis	9	39 40.61	+ 0.02	− **1.79**	327 43 56.32	47.712	− 2.72	− 39.1	15 39 38.88	.....	+ 6 43 12.7	....
15	χ Lupi	8	45 1.59	− 0.02	− 1.75	287 43 56.15	45.130	− 2.72	−3 12.0	15 44 59.82	− 0.86	−33 20 19.3	− 7.7
16	ρ Scorpii	9	51 7.26	+ 0.01	− 1.75	292 7 56.62	43.490	− 2.72	−2 31.7	15 51 5.52	− 0.76	−28 53 16.0	− 6.5
17	β^1 Scorpii	9	0 0.50	+ 0.03	− **1.75**	301 29 55.60	45.120	− 2.72	−1 41.1	15 59 58.78	.....	−19 32 40.2	....
18	151 H^1. Cephei s. p.	9	6 39.03	+ 7.46	− 1.75	55 42 1.62	42.305	− 2.72	+1 31.3	4 6 44.74	.....	+85 18 34.9	....
19	ε Ophiuchi	9	13 23.04	+ 0.04	− **1.80**	316 33 57.50	45.840	− 2.72	− 58.8	16 13 21.33	.....	− 4 27 43.6	....
20	ρ Ophiuchi (*mean*)	9	19 59.09	+ 0.02	− 1.75	297 49 56.85	43.378	− 2.72	−1 57.4	16 19 57.36	− 0.53	−23 13 41.0	− 5.4
21	λ Ophiuchi	9	26 12.41	+ 0.03	− **1.74**	323 13 58.10	43.085	− 2.72	− 46.5	16 26 10.69	.....	+ 2 11 21.4	....
22	ζ Ophiuchi	9	32 1.01	+ 0.04	− **1.74**	310 39 56.42	44.485	− 2.72	−1 12.3	16 31 59.30	.....	−10 22 34.1	....
23	η Herculis	9	39 42.58	− 0.19	− 1.75	0 7 59.82	42.360	− 2.72	+ 0.2	16 39 40.64	.....	+39 5 53.1	....
24	9 Camelopardalis s. p.	9	44 41.11	+ 1.88	− 1.75	74 46 2.78	45.448	− 2.72	+3 46.8	4 44 41.24	.....	+66 11 6.3	....
25	ι Ophiuchi	9	49 35.55	+ 0.01	− 1.75	331 19 58.35	47.185	− 2.72	− 34.0	16 49 33.81	− 0.25	+10 19 7.8	+ 5.0
26	ε Ursæ Minoris	8	55 40.26	− 3.67	− 1.75	43 12 2.65	43.692	− 2.72	+ 58.6	16 55 34.84	.....	+82 11 24.7	....
27	60 Herculis	9	1 3.06	0.00	− 1.75	333 53 57.60	44.370	− 2.72	− 30.5	17 1 1.31	− 0.19	+12 52 6.2	+ 5.7
28	Moon II, N	9	43 9.58	+ 0.04	− 1.74	300 45 57.15	46.447	− 3.03	−1 44.3	18 43 7.88	−70.29	−20 16 20.8	....
	March 19, Br.												
29	χ Herculis	9	49 28.20	− 0.20	− 1.84	3 43 58.95	44.415	− 2.88	+ 3.9	15 49 26.16	.....	+42 42 42.8	....
30	49 Libræ	9	55 5.38	+ 0.07	− 1.84	304 47 54.05	43.040	− 2.88	−1 24.5	15 55 3.61	.....	−16 15 21.8	....
31	β^1 Scorpii	9	0 0.61	+ 0.06	− **1.83**	301 29 54.25	44.892	− 2.88	−1 35.8	15 59 58.83	.....	−19 32 50.6	....
32	151 H^1. Cephei s. p.	9	6 39.94	+ 7.45	− 1.84	55 41 59.70	42.662	− 2.88	+1 26.5	4 6 45.55	.....	+85 18 33.5	....
33	ε Ophiuchi	8	13 23.07	+ 0.07	− **1.81**	316 33 55.98	45.708	− 2.88	− 55.7	16 13 21.30	.....	− 4 27 50.2	....
34	23 Herculis	9	19 22.35	− 0.09	− 1.84	353 33 57.75	45.612	− 2.88	− 6.6	16 19 20.42	− 0.46	+32 32 58.4	+10.2
35	λ Ophiuchi	9	26 12.54	+ 0.06	− **1.84**	323 13 56.02	42.965	− 2.88	− 44.0	16 26 10.76	.....	+ 2 11 18.9	....
36	ζ Ophiuchi	9	32 1.18	+ 0.07	− **1.88**	310 39 54.85	44.300	− 2.88	−1 8.6	16 31 59.41	.....	−10 22 36.3	....
37	η Herculis	9	39 42.74	− 0.15	− 1.84	0 7 57.70	42.405	− 2.88	+ 0.2	16 39 40.75	.....	+39 5 51.8	....
38	ι Ophiuchi	9	49 35.73	+ 0.04	− 1.84	331 19 56.25	47.135	− 2.88	− 32.2	16 49 33.93	− 0.30	+10 19 6.2	+ 5.1
39	Moon II	9	39 58.72	+ 0.03	− 1.82	303 0	......	....	.....	20 39 56.93	−67.72	.. ..	....
	March 20, Br.												
40	51 H. Cephei	9	56 57.94	−10.59	− 1.76	48 12 0.20	45.273	− 2.66	+1 6.8	6 56 45.59	.....	+87 12 6.4	....
41	λ Ursæ Minoris s. p.	6	14 55.10	+31.28	− 1.76	51 59 59.90	45.326	− 2.66	+1 16.5	19 15 24.62	.....	+88 59 42.1	....
42	f Puppis	9	33 55.94	− 0.04	− 1.75	286 19 55.25	41.740	− 2.66	−3 21.0	7 33 54.15	− 0.74	−34 45 46.5	+22.3
43	κ Geminorum	9	38 48.71	− 0.05	− **1.68**	345 37 57.42	47.022	− 2.66	− 15.2	7 38 46.91	.....	+24 37 22.0	....
44	φ Geminorum	9	47 47.07	− 0.06	− **1.69**	348 1 58.00	44.632	− 2.66	− 12.6	7 47 45.26	.....	+27 0 30.5	....
45	3 Cancri	9	55 26.49	0.00	− 1.75	338 35 56.82	43.510	− 2.66	− 23.4	7 55 24.74	− 0.55	+15 33 52.9	+ 9.0
46	27 Lyncis	9	1 26.30	− 0.35	− 1.75	12 47 58.80	44.110	− 2.66	+ 13.7	8 1 24.20	.....	+51 46 45.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 12 38	29.875	32.8	31.8
12 23 28	29.985	44.1	42.8
0 28	29.98	44.0	43.1
15 16 42	29.575	26.7	25.8
16 23 42	29.66	36.0	35.7
17 15 21	30.22	22.2	21.6
15 56	......	....	21.1
16 23	30.23	21.0	20.6
17 5	30.27	21.4	21.1
18 43	30.30	22.3	21.0
19 15 43	29.32	32.3	32.1
16 12	......	....	32.0
17 1	29.36	31.4	31.0
20 6 52	29.60	32.0	31.1
7 27	......	...	30.7
8 5	29.63	30.4	30.0

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at II, VII.
4.	Bisections at II, VI, VII.
5, 9, 31, 38.	Bisections at I, II.
6, 10, 33.	Bisections at VI, VII.
7.	Bisections at I, II, VI, VII.
8, 28.	Bisections at II, III, IV, V, VI.
18, 26, 40.	Bisections at b_1, b_3, b_5, b_7, b_9.
29, 46.	Bisections at III, V.
32.	Bisections at III, IV, V.
41.	Bisections at b_2, b_4, b_5, b_6.

Notes.

1–4.	Conditions poor; haze and clouds.
17.	Micrometer reading decreased 5 rev.
20.	Assumed that mean was observed.
29–38.	Conditions very poor; clouds.
30.	Diffuse.
32.	Very unsteady and diffuse.
33.	Micrometer reading decreased 1 rev.
35.	Very unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 5.9	−16 6.9	...	−16 1.0
6	+ 6.0	+16 7.0	...	+16 13.0
7	+ 4.7	.. ....	+ 0.4	+ 5.1
8	+49 45.3	+16 11.7	...	+65 57.0
9	+ 5.8	+16 4.8	...	+16 10.6
10	+ 5.7	−16 4.9	...	−15 59.2
28	+49 48.2	−15 52.8	...	+33 55.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Cancri	9	11 27.49	+ 0.01	− **1.75**	330 29 56.15	45.325	− 2.66	− 33.8	8 11 25.75	....	+ 9 28 23.3	....
2	χ Cancri	9	14 23.82	− 0.07	− 1.75	348 33 57.75	41.408	− 2.66	− 12.1	8 14 22.00	− 0.63	+27 31 17.1	+ 5.2
3	30 Monocerotis	9	21 0.27	+ 0.04	− **1.70**	317 25 56.02	44.785	− 2.66	− 54.9	8 20 58.56	....	− 3 36 10.2	....
4	181 B. Camelopardalis	9	29 21.47	− 1.45	− 1.75	34 57 59.62	45.250	− 2.66	+ 42.0	8 29 18.27	− 1.82	+73 57 40.8	− 7.0
5	σ Hydræ	9	33 53.12	+ 0.03	− 1.75	324 41 57.60	44.942	− 2.66	− 42.4	8 33 51.40	....	+ 3 40 7.5	....
6	α Mali	9	39 51.81	− 0.03	− 1.75	288 13 54.98	42.422	− 2.66	−3 0.0	8 39 50.03	....	−32 51 10.3	....
7	γ Pyxidis	9	46 35.41	0.00	− 1.75	293 41 56.32	43.600	− 2.66	−2 15.6	8 46 33.66	− 1.06	−27 21 57.6	+18.4
8	ζ Hydræ	9	50 28.11	+ 0.02	− **1.73**	327 19 56.00	44.635	− 2.66	− 38.4	8 50 26.38	....	+ 6 18 2.8	....
9	10 Ursæ Majoris	9	54 35.26	− 0.20	− 1.75	3 9 59.25	46.110	− 2.66	+ 3.4	8 54 33.31	....	+42 9 21.6	....
10	145 Lyncis	9	0 35.98	− 0.16	− 1.75	359 51 58.30	41.898	− 2.66	− 0.1	9 0 34.07	....	+38 49 40.8	....
11	ξ Cancri	9	4 0.00	− 0.03	− 1.75	343 27 57.45	42.150	− 2.66	− 17.8	9 3 58.22	− 0.82	+22 25 28.0	+ 7.0
12	θ Hydræ	9	9 31.13	+ 0.03	− **1.75**	323 43 56.12	46.032	− 2.66	− 44.0	9 9 29.41	....	+ 2 42 29.3	....
13	83 Cancri	9	13 46.78	− 0.01	− **1.68**	339 7 57.05	44.152	− 2.66	− 22.9	9 13 45.02	....	+18 6 8.3	....
14	h Mali	9	17 22.83	0.00	− 1.74	295 29 54.78	42.625	− 2.66	−2 5.2	9 17 21.09	....	−25 34 11.0	....
15	h Ursæ Majoris	9	24 11.58	− 0.69	− 1.74	24 30 0.18	42.712	− 2.66	+ 27.5	9 24 9.15	....	+63 28 28.9	....
16	10 Leonis Minoris	9	23 30.91	− 0.14	− 1.74	357 49 57.78	45.192	− 2.66	− 2.2	9 28 29.03	....	+36 48 53.4	....
17	ο Leonis	9	36 10.78	+ 0.01	− **1.71**	331 21 56.02	41.820	− 2.66	− 32.8	9 36 9.05	....	+10 19 4.1	....
	March 20, Ei -Y.												
18	34 Sextantis	9	37 48.96	+ 0.03	− **1.57**	325 5 56.42	45.490	− 2.63	− 41.9	10 37 47.37	....	+ 4 4 19.3	....
19	B. D + 8°2418	9	43 52.02	+ 0.02	− 1.62	329 43 56.38	46.743	− 2.63	− 35.0	10 43 50.42	− 1.11	+ 8 42 54.8	+ 9.1
20	B. D + 8°2422 (*fol.*)	9	47 19.38	+ 0.02	− 1.62	328 59 56.02	43.195	− 2.63	− 36.1	10 47 17.78	− 1.12	+ 7 57 32.3	+ 9.2
21	B. D +10°2223	9	50 57.57	+ 0.02	− 1.62	331 39 56.82	42.488	− 2.63	− 32.4	10 50 55.97	− 1.11	+10 37 20.6	+ 8.8
22	B. D +10°2230	9	54 41.08	+ 0.02	− 1.62	331 27 56.28	44.160	− 2.63	− 32.7	10 54 39.48	− 1.12	+10 25 58.0	+ 8.8
23	B. D + 1°2511	9	57 36.59	+ 0.04	− 1.62	322 21 55.92	47.668	− 2.63	− 46.3	10 57 35.01	− 1.17	+ 1 21 4.2	+ 9.6
24	B. D +12°2300	9	0 48.06	+ 0.01	− 1.62	333 37 55.52	43.362	− 2.63	− 29.8	11 0 46.45	− 1.12	+12 35 41.9	+ 8.5
25	B. D.+ 0°2750	9	3 49.69	+ 0.04	− 1.62	320 57 56.15	46.670	− 2.63	− 48.8	11 3 48.11	− 1.18	− 0 3 20.9	+ 9.6
26	B. D.+ 3°2475	9	9 6.33	+ 0.04	− 1.62	323 47 56.65	46.680	− 2.63	− 44.0	11 9 4.75	− 1.17	+ 2 46 44.7	+ 9.2
27	B. D.+13°2379	9	11 5.98	+ 0.01	− 1.62	334 23 56.70	42.580	− 2.63	− 28.9	11 11 4.37	− 1.13	+13 21 26.1	+ 8.3
28	B. D.+ 0°2769	9	14 46.41	+ 0.04	− 1.61	321 21 55.52	44.070	− 2.63	− 48.1	11 14 44.84	− 1.22	+ 0 19 39.8	+ 9.3
29	σ Leonis	9	16 20.22	+ 0.03	− **1.66**	327 33 55.68	45.960	− 2.63	− 38.3	11 16 18.64	....	+ 6 32 32.9	....
30	B. D.+ 7°2443	9	18 26.53	+ 0.02	− 1.61	328 7 55.20	44.475	− 2.63	− 37.4	11 18 24.94	− 1.16	+ 7 5 59.4	+ 8.7
31	B. D.+ 6°2448	8	20 23.15	+ 0.03	− 1.61	327 17 56.00	42.542	− 2.63	− 38.7	11 20 21.57	− 1.16	+ 6 15 14.7	+ 8.8
32	τ Leonis	9	23 9.02	+ 0.03	− **1.64**	324 23 56.32	45.568	− 2.63	− 43.1	11 23 7.44	....	+ 3 22 19.8	....
33	B. D.− 0°2447	9	27 14.59	+ 0.04	− 1.61	319 45 55.58	45.212	− 2.63	− 51.0	11 27 13.02	− 1.22	− 1 15 56.9	+ 9.0
34	B. D.+ 3°2521	9	29 36.16	+ 0.03	− 1.61	324 35 56.20	46.860	− 2.63	− 42.8	11 29 34.58	− 1.18	+ 3 34 49.5	+ 8.7
35	υ Leonis	9	32 10.98	+ 0.04	− **1.63**	320 43 55.78	43.930	− 2.63	− 49.3	11 32 9.41	....	− 0 18 24.4	....
36	B. D.+ 8°2532	9	33 39.63	+ 0.02	− 1.61	329 39 56.45	47.440	− 2.63	− 35.2	11 33 38.04	− 1.16	+ 8 39 10.6	+ 8.4
37	B. D.− 2°3433	9	49 6.49	+ 0.04	− 1.61	317 45 56.38	47.132	− 2.63	− 54.7	11 49 4.92	− 1.24	− 3 15 16.0	+ 8.4
38	B. D.+ 6°2525	9	50 42.14	+ 0.03	− 1.61	327 21 55.65	45.732	− 2.63	− 38.6	11 50 40.56	− 1.18	+ 6 20 27.4	+ 8.2
39	B. D.− 2°3446	9	54 28.61	+ 0.04	− 1.61	318 13 56.20	45.060	− 2.63	− 53.8	11 54 27.04	− 1.24	− 2 48 2.6	+ 8.2
40	B. D.− 6°3499	9	58 5.82	+ 0.05	− 1.61	313 51 56.20	46.215	− 2.63	−1 2.6	11 58 4.26	− 1.28	− 7 9 45.0	+ 8.0
41	ο Virginis	9	0 28.09	+ 0.02	− **1.65**	330 17 56.58	42.228	− 2.63	− 34.4	12 0 26.50	....	+ 9 15 12.4	....
42	B. D.− 5°3424	9	2 28.79	+ 0.05	− 1.61	314 47 54.88	43.748	− 2.63	−1 0.6	12 2 27.23	− 1.27	− 6 14 40.7	+ 7.9
43	B. D.− 6°3518	9	5 40.64	+ 0.05	− 1.61	313 47 56.65	42.425	− 2.63	−1 2.8	12 5 39.08	− 1.28	− 7 15 11.4	+ 7.8
44	B. D.− 4°3235	9	9 29.33	+ 0.04	− 1.61	315 49 55.02	45.648	− 2.63	− 58.4	12 9 27.76	− 1.26	− 5 11 54.9	+ 7.7
45	B. D.+ 1°2676	9	12 12.51	+ 0.04	− 1.61	321 53 56.52	45.870	− 2.63	− 47.2	12 12 10.94	− 1.21	+ 0 52 22.8	+ 7.7
46	B. D.− 5°3476	9	15 37.05	+ 0.05	− 1.61	314 59 55.48	44.895	− 2.63	−1 0.1	12 15 35.49	− 1.27	− 6 2 13.4	+ 7.4
47	B. D.+ 1°2689	9	18 44.32	+ 0.04	− 1.61	322 15 55.82	45.380	− 2.63	− 46.6	12 18 42.75	− 1.21	+ 1 14 11.5	+ 7.6
48	33 H¹. Virginis	9	23 5.03	+ 0.04	− 1.61	316 55 56.18	45.802	− 2.63	− 56.2	12 23 3.46	− 1.25	− 4 5 48.1	+ 7.2
49	B. D.+ 4°2622	9	25 49.61	+ 0.03	− 1.61	325 3 55.62	43.540	− 2.63	− 42.0	12 25 48.03	− 1.18	+ 4 1 33.9	+ 7.5
50	B. D.− 2°3533	9	29 26.11	+ 0.04	− 1.61	317 49 56.20	44.765	− 2.63	− 54.5	12 29 24.54	− 1.24	− 3 12 10.0	+ 7.1
51	B. D.−10°3512	8	33 30.20	+ 0.05	− 1.61	310 1 55.45	45.735	− 2.63	−1 11.6	12 33 28.64	− 1.31	−11 0 5.7	+ 6.4
52	B. D.− 9°3534	9	36 20.09	+ 0.05	− 1.61	311 43 55.50	44.498	− 2.63	−1 7.4	12 36 18.53	− 1.29	− 9 18 29.7	+ 6.4
53	B. D.+ 1°2750	9	40 48.28	+ 0.04	− 1.61	322 31 55.68	44.755	− 2.63	− 46.2	12 40 46.71	− 1.19	+ 1 29 57.5	+ 7.0
54	35 Virginis	9	43 6.98	+ 0.03	− **1.61**	325 7 55.30	42.200	− 2.63	− 42.0	12 43 5.40	....	+ 4 5 2.9	....
55	B. D.− 6°3839	9	28 32.53	+ 0.04	− 1.60	313 53 56.20	44.385	− 2.69	−1 2.7	13 28 30.97	− 1.18	− 7 8 27.0	+ 4.7
56	ζ Virginis	9	29 56.90	+ 0.03	− **1.64**	320 55 56.40	42.322	− 2.70	− 49.0	13 29 55.33	....	− 0 7 0.3	....
57	B. D.− 7°3661 (*mean*)	8	32 42.40	+ 0.04	− 1.60	313 37 55.68	46.668	− 2.71	−1 3.2	13 32 40.84	− 1.18	− 7 23 35.8	+ 4.5
58	B. D.−11°3562	8	34 20.84	+ 0.04	− 1.60	309 25 55.30	43.860	− 2.71	−1 13.3	13 34 19.28	− 1.22	−11 36 50.5	+ 3.8
59	m Virginis	8	36 43.41	+ 0.04	− **1.65**	312 47 55.98	46.265	− 2.72	−1 5.1	13 36 41.85	....	− 8 13 46.7	....
60	B. D.−10°3743	9	39 18.59	+ 0.04	− 1.60	310 3 56.05	46.275	− 2.73	−1 11.6	13 39 17.03	− 1.20	−10 57 52.9	+ 8.7
61	B. D.−17°3932	9	42 21.35	+ 0.04	− 1.60	303 39 54.30	43.202	− 2.74	−1 30.5	13 42 19.79	− 1.27	−17 23 23.7	+ 2.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 8 36	......	....	29.2
8 58	......	....	[illegible]
9 40	29.67	28.8	28.1
10 35	29.665	27.6	27.9
10 59			27.5
11 24	29.68	[illegible]	[illegible]
11 43			26.2
12 4	29.68	26.1	27.3
12 24			27.5
12 44	29.69	26.9	27.1
13 26	29.69	26.4	26.3

Micrometer bisections are made at II, VI, except as noted below.

4. Bisections at III, IV, V.
7, 12, 39. Bisections at I, II.
9, 15. Bisections at III, V.
16, 60. Bisections at VI, VII.
19. Bisections at II, VI, VII.
20, 24, 51. Bisections at II, VII.

Note
35. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	89 Virginis	9	44 48.59	+ 0.04	− **1.66**	303 21 54.50	46.912	− 2.75	−1 31.4	13 44 47.03	.....	−17 39 59.7	....
2	B. D. −15°3756	9	48 10.57	+ 0.04	− 1.60	305 29 54.08	46.430	− 2.76	−1 24.4	13 48 9.01	− 1.23	−15 32 4.1	+ 2.5
3	B. D. − 9°3804	9	50 56.94	+ 0.04	− 1.60	311 43 55.98	46.470	− 2.76	−1 7.6	13 50 55.38	− 1.15	− 9 17 44.5	+ 3.6
4	B. D. − 6°3911	9	54 6.45	+ 0.04	− 1.60	314 33 55.12	45.488	− 2.77	−1 1.2	13 54 4.89	− 1.11	− 6 28 1.4	+ 3.9
5	B. D. − 5°3798	8	58 5.74	+ 0.04	− 1.60	314 57 54.82	46.738	− 2.78	−1 0.4	13 58 4.18	− 1.10	− 6 3 32.4	+ 3.9
6	B. D. − 6°3930	9	0 18.73	+ 0.04	− 1.60	314 11 55.55	46.622	− 2.79	−1 2.0	14 0 17.17	− 1.10	− 6 49 35.9	+ 3.7
7	B. D. −17°4013	9	3 43.85	+ 0.04	− 1.60	303 45 54.70	43.090	− 2.80	−1 30.2	14 3 42.29	− 1.23	−17 17 25.7	+ 1.5
8	κ Virginis	9	7 55.51	+ 0.04	− **1.63**	311 11 55.35	45.315	− 2.82	−1 8.9	14 7 53.95	.....	− 9 50 12.9	....
9	B. D. −15°3837	9	10 44.67	+ 0.04	− 1.60	305 23 54.32	44.840	− 2.82	−1 24.8	14 10 43.11	− 1.16	−15 38 40.7	+ 1.6
10	B. D. −14°3918	9	13 1.33	+ 0.04	− 1.60	306 33 55.18	44.770	− 2.83	−1 21.3	14 12 59.77	− 1.14	−14 28 37.9	+ 1.7
11	B. D. −16°3843	9	15 19.70	+ 0.04	− 1.60	303 55 55.55	47.262	− 2.84	−1 29.5	14 15 18.14	− 1.16	−17 5 48.8	+ 1.0
12	B. D. −15°3862	9	18 50.96	+ 0.04	− 1.60	305 21 54.82	45.262	− 2.85	−1 24.9	14 18 49.40	− 1.13	−15 40 30.6	+ 1.2
13	B. D. −12°4055	9	22 42.05	+ 0.04	− 1.60	308 5 56.60	45.570	− 2.86	−1 16.9	14 22 40.49	− 1.09	−12 56 13.8	+ 1.6
14	B. D. −11°3753	9	26 16.83	+ 0.04	− 1.60	309 35 56.10	42.895	− 2.86	−1 13.0	14 26 15.27	− 1.06	−11 27 11.6	+ 1.8
15	B. D. −19°3903	9	29 35.92	+ 0.03	− 1.60	301 1 54.70	43.042	− 2.87	−1 40.1	14 29 34.35	− 1.15	−20 1 36.7	− 0.2
16	B. D. −15°3922	9	34 59.27	+ 0.04	− 1.60	305 15 54.32	42.020	− 2.90	−1 25.3	14 34 57.71	− 1.07	−15 47 45.7	+ 0.5
17	B. D. −20°4074	9	37 17.62	+ 0.03	− 1.60	300 15 56.25	43.290	− 2.91	−1 43.2	14 37 16.05	− 1.12	−20 47 32.6	− 0.8
18	Piazzi 166	9	40 53.56	+ 0.03	− 1.60	300 15 56.25	45.690	− 2.92	−1 43.2	14 40 51.99	− 1.11	−20 46 37.8	− 0.9
19	8 Libræ	9	45 31.74	+ 0.04	− **1.61**	305 25 54.25	45.545	− 2.94	−1 24.7	14 45 30.18	.....	−15 36 24.6	....
20	B. D. −22°3858	9	47 55.34	+ 0.02	− 1.60	297 57 55.52	45.298	− 2.94	−1 53.4	14 47 53.76	− 1.11	−23 4 57.7	− 1.8
21	B. D. −18°3933	9	51 3.57	+ 0.04	− 1.60	302 29 55.02	44.805	− 2.95	−1 34.6	14 51 2.01	− 1.04	−18 32 50.7	− 0.8
22	B. D. −21°4004	9	53 19.49	+ 0.03	− 1.60	299 1 54.68	43.972	− 2.96	−1 48.6	14 53 17.92	− 1.07	−22 1 24.0	− 1.8
23	C. P. D. −24°5421	9	55 42.31	+ 0.02	− 1.60	296 15 55.32	46.840	− 2.96	−2 1.9	14 55 40.73	− 1.10	−24 46 31.2	− 2.6
24	B. D. −22°3897	9	59 52.89	+ 0.03	− 1.60	298 23 54.78	45.680	− 2.98	−1 51.4	14 59 51.32	− 1.05	−22 38 47.7	− 2.2
25	B. D. −15°4028	9	1 36.61	+ 0.04	− 1.60	304 55 56.28	43.375	− 2.99	−1 26.4	15 1 35.05	− 0.97	−16 7 13.9	− 0.5
26	B. D. −12°4214	9	6 6.18	+ 0.04	− 1.59	308 19 56.85	46.440	− 3.00	−1 16.4	15 6 4.63	− 0.91	−12 41 53.4	+ 0.2
27	C. P. D. −24°5475	9	8 1.59	+ 0.02	− 1.59	296 5 55.02	44.988	− 3.01	−2 2.9	15 8 0.02	− 1.04	−24 57 14.9	− 3.2
28	B. D. −15°4071	9	11 49.21	+ 0.04	− 1.59	305 47 54.10	46.928	− 3.02	−1 23.7	15 11 47.66	− 0.91	−15 13 52.2	− 0.6
29	B. D. −17°4312	9	15 36.29	+ 0.04	− 1.59	303 13 55.22	44.230	− 3.03	−1 32.2	15 15 34.74	− 0.92	−17 49 1.3	− 1.5
30	B. D. −13°4152	9	18 54.18	+ 0.04	− 1.59	307 3 54.45	45.030	− 3.04	−1 20.0	15 18 52.63	− 0.87	−13 58 31.6	− 0.5
31	B. D. −19°4106	9	21 28.62	+ 0.03	− 1.59	301 21 55.08	45.830	− 3.05	−1 39.0	15 21 27.06	− 0.91	−19 40 31.7	− 2.2
32	B. D. −17°4356	9	26 39.05	+ 0.04	− 1.59	302 51 54.88	47.148	− 3.06	−1 33.4	15 26 37.50	− 0.87	−18 9 56.2	− 1.9
33	B. D. −12°4278	9	28 5.93	+ 0.04	− 1.59	308 19 56.68	46.920	− 3.07	−1 16.4	15 28 4.38	− 0.81	−12 41 42.6	− 0.4
34	γ Libræ	9	30 18.37	+ 0.04	− **1.59**	306 33 54.65	44.970	− 3.08	−1 21.5	15 30 16.82	.....	−14 28 34.3	....
35	B. D. −19°4165	9	33 3.71	+ 0.03	− 1.59	301 25 54.92	46.958	− 3.09	−1 38.7	15 33 2.15	− 0.85	−19 36 5.8	− 2.6
36	C. P. D. −25°5630	9	35 3.01	+ 0.02	− 1.59	295 45 54.80	45.328	− 3.09	−2 4.8	15 35 1.44	− 0.90	−25 17 9.3	− 4.3
37	B. D. −14°4266	9	38 10.88	+ 0.04	− 1.59	306 17 54.85	45.162	− 3.10	−1 22.3	15 38 9.33	− 0.78	−14 44 30.6	− 1.3
38	B. D. −15°4182	8	41 7.66	+ 0.04	− 1.59	305 9 54.22	46.638	− 3.11	−1 25.7	15 41 6.11	− 0.78	−15 52 0.9	− 1.7
39	B. D. −22°4034	9	45 8.43	+ 0.03	− 1.59	298 3 54.62	47.312	− 3.12	−1 53.1	15 45 6.87	− 0.82	−22 58 12.4	− 4.0
40	C. P. D. −24°5583	9	48 19.31	+ 0.02	− 1.59	296 47 54.80	45.188	− 3.13	−1 59.4	15 48 17.74	− 0.81	−24 15 7.1	− 4.5
41	C. P. D. −25°5690	9	49 51.49	+ 0.02	− 1.59	295 3 54.95	45.260	− 3.14	−2 8.8	15 49 49.92	− 0.82	−25 59 14.7	− 5.1
42	γ Serpentis	9	52 8.91	− 0.01	− **1.63**	336 59 57.42	43.880	− 3.15	− 25.7	15 52 7.31	.....	+15 57 59.2	....
	March 20, Bs.												
43	Moon II	9	34 54.36	+ 0.10	− 1.43	305 46	......	....	. ....	21 34 53.03	−66.07	.. ..	....
	March 21, Bs.												
44	Sun I, S.	9	59 36.79	+ 0.08	− 1.42	320 49 56.05	45.478	− 2.83	− 47.9	23 59 35.45	+64.47	− 0 11 47.2	....
45	Sun II, N.	9	1 45.74	+ 0.08	− 1.42	321 21 56.85	45.710	− 2.83	− 47.0	0 1 44.40	−64.48	+ 0 20 19.1	....
46	ι Geminorum	9	19 55.27	− 0.09	− **1.40**	348 59 58.05	46.035	− 2.27	− 11.3	7 19 53.80	.....	+27 59 4.3	....
47	6 Canis Minoris	9	24 35.69	− 0.01	− 1.38	333 13 56.45	43.912	− 2.27	− 29.5	7 24 34.30	− 0.39	+12 11 56.0	+10.2
48	υ Geminorum	.	.. ..	....	....	348 7 57.82	43.935	− 2.27	− 12.3	7 30	.....	+27 6 15.1	+ 5.2
49	f Puppis	.	.. ..	....	....	286 19 55.48	41.532	− 2.27	−3 17.5	7 34	.....	−34 45 47.2	+22.4
50	κ Geminorum	.	.. ..	....	....	345 37 57.58	46.972	− 2.27	− 15.0	7 39	.....	+24 37 21.5	....
51	4 Puppis	.	.. ..	....	....	306 41 54.85	45.287	− 2.27	−1 18.6	7 42	.....	−14 20 23.2	+17.8
52	φ Geminorum	.	.. ..	....	....	348 1 58.08	44.630	− 2.27	− 12.4	7 48	.....	+27 0 31.1	....
53	ω¹ Cancri	9	55 16.72	− 0.07	− 1.38	346 39 59.20	45.855	− 2.27	− 13.9	7 55 15.27	.....	+25 38 58.7	....
54	27 Lyncis	9	1 25.94	− 0.38	− 1.38	12 47 59.20	44.070	− 2.27	+ 13.4	8 1 24.18	.....	+51 46 45.1	....
55	ρ Argus	9	3 34.64	+ 0.01	− 1.38	297 1 54.80	41.870	− 2.27	−1 54.6	8 3 33.27	.....	−24 2 17.3	....
56	κ Cephei s. p.	9	12 0.02	+ 2.95	− 1.38	63 34 0.53	44.075	− 2.27	+1 58.1	20 12 1.59	.....	+77 25 28.3	....
57	ο Ursæ Majoris	9	22 30.62	− 0.62	− 1.38	22 1 59.55	47.100	− 2.27	+ 23.9	8 22 28.62	.....	+61 2 5.1	....
58	η Cancri	9	27 18.54	− 0.04	− **1.33**	341 47 56.60	42.467	− 2.27	− 19.3	8 27 17.12	.....	+20 45 33.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
20 13 55	......	....	25.9	2, 22, 28, 34, 39.	Bisections at II, VII.	44	+ 5.5	+16 3.1	...	+16 8.6
14 17	29.685	25.5	25.8	5.	Bisections at II, VI, VII.	45	+ 5.5	−16 3.2	...	−15 57.7
14 38	......	....	25.9	8, 45.	Bisections at VI, VII.					
15 3	29.69	25.4	25.3	32, 44.	Bisections at I, II.					
15 23	......	....	25.0	56.	Bisections at III, V.					
15 54	29.70	24.3	24.6							
21 0 2	29.755	39.2	39.0							
7 20	29.62	39.8	39.0							
7 55	......	....	37.8		Note.					
8 23	29.60	38.5	37.8	46–58.	Unsteady.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	73 Draconis s. P.	8	32 41.82	+ 2.49	− 1.38	66 22 0.53	42.730	− 2.27	+2 14.0	20 32 42.93	.....	+74 37 43.2	....
2	γ Cancri	9	37 53.06	− 0.05	− **1.38**	342 49 57.50	44.422	− 2.27	− 18.1	8 37 51.63	.....	+21 48 20.1	....
3	ε Hydræ	9	41 50.16	+ 0.01	− **1.44**	327 47 54.85	43.602	− 2.27	− 37.0	8 41 48.80	.....	+ 6 45 39.9	....
4	σ^2 Cancri (*mean*)	9	48 32.99	− 0.11	− 1.37	351 57 58.33	43.340	− 2.27	− 8.3	8 48 31.51	.....	+30 56 6.0	....
5	220 H^1. Draconis s. P.	6	51 46.15	+ 3.66	− 1.37	60 48 0.85	43.777	− 2.27	+1 45.2	20 51 48.44	.....	+80 11 47.8	....
6	ν Cancri	9	57 16.88	− 0.07	− 1.37	345 51 58.08	41.592	− 2.27	− 14.8	8 57 15.44	− 0.79	+24 49 19.3	+ 6.2
7	κ Cancri	9	2 41.68	0.00	− **1.41**	332 3 56.83	45.895	− 2.27	− 31.1	9 2 40.31	.....	+11 2 40.1	....
8	98 B. Cephei s. P.	9	7 18.57	+ 3.01	− 1.37	63 14 0.60	46.655	− 2.27	+1 56.5	21 7 20.21	.....	+77 44 31.0	....
9	83 Cancri	9	13 46.41	− 0.03	− **1.30**	339 7 57.08	44.100	− 2.27	− 22.4	9 13 45.01	.....	+18 6 8.1	....
10	B. A. C. 7504 s. P.	8	18 4.38	+ 9.81	− 1.37	54 20 0.80	47.512	− 2.27	+1 22.0	21 18 12.82	.....	+86 38 45.5	....
11	*A* Hydræ	9	29 53.73	+ 0.02	− 1.37	315 31 55.23	45.545	− 2.27	− 57.6	9 29 52.38	− 0.99	− 5 29 55.9	+13.0
12	10 Leonis	9	32 17.31	0.00	− 1.37	328 17 55.35	42.545	− 2.27	− 36.2	9 32 15.94	− 0.93	+ 7 15 17.0	+10.4
	March 21, Ei.-Y.												
13	41 Leonis Minoris	9	38 21.11	− 0.10	− **1.49**	344 41 57.20	45.417	− 2.50	− 16.0	10 38 19.51	.....	+23 40 44.4	....
14	*l* Leonis	9	44 21.74	− 0.04	− **1.52**	332 3 57.40	45.257	− 2.50	− 31.1	10 44 20.20	.....	+11 2 25.9	....
15	B. D.+ 1°2501	9	50 54.97	− 0.02	− 1.50	322 15 55.50	45.222	− 2.50	− 45.4	10 50 53.45	− 1.16	+ 1 14 8.9	+ 9.8
16	B. D.+ 2°2373	9	54 0.58	− 0.02	− 1.50	323 15 56.95	44.360	− 2.50	− 43.7	10 53 59.06	− 1.15	+ 2 13 52.4	+ 9.7
17	B. D.− 1°2471	9	57 4.69	− 0.01	− 1.50	319 3 56.05	42.795	− 2.50	− 50.9	10 57 3.18	− 1.19	− 1 58 51.5	+10.0
18	χ Leonis	9	0 12.84	− 0.03	− **1.52**	328 51 55.65	45.745	− 2.50	− 35.4	11 0 11.31	.....	+ 7 50 31.0	....
19	B. D.− 1°2488	9	3 31.62	− 0.01	− 1.49	319 37 55.70	45.525	− 2.50	− 49.8	11 3 30.12	− 1.19	− 1 23 48.4	+ 9.7
20	B. D.+ 0°2761	9	8 59.58	− 0.02	− 1.49	321 27 55.63	45.852	− 2.50	− 46.7	11 8 58.07	− 1.19	+ 0 26 22.1	+ 9.4
21	*n* Leonis	9	10 59.64	− 0.05	− 1.49	334 49 56.48	46.892	− 2.50	− 27.5	11 10 58.10	− 1.13	+13 49 5.9	+ 8.2
22	B. D.− 0°2428 (*fol.*)	9	14 38.43	− 0.01	− 1.49	319 53 55.63	44.070	− 2.50	− 49.4	11 14 36.93	− 1.21	− 1 8 21.3	+ 9.4
23	B. D.+ 9°2482	9	17 0.82	− 0.03	− 1.49	330 41 56.68	46.640	− 2.50	− 32.9	11 16 59.30	− 1.15	+ 9 40 55.0	+ 8.5
24	B. D.+12°2335	9	20 9.15	− 0.04	− 1.49	332 57 56.13	45.892	− 2.50	− 29.9	11 20 7.62	− 1.14	+11 56 40.3	+ 8.3
25	B. D.− 0°2442	9	23 8.25	− 0.01	− 1.49	319 49 56.25	47.342	− 2.50	− 49.4	11 23 6.75	− 1.22	− 1 11 5.9	+ 9.2
26	*e* Leonis	9	25 33.44	− 0.01	− 1.49	318 31 54.98	47.125	− 2.50	− 51.7	11 25 31.94	− 1.23	− 2 29 14.4	+ 9.2
27	B. D.+11°2372	9	29 20.44	− 0.04	− 1.49	332 33 56.08	45.465	− 2.50	− 30.4	11 29 18.91	− 1.15	+11 32 30.0	+ 8.2
28	υ Leonis	9	32 10.88	− 0.01	− **1.48**	320 43 55.88	43.810	− 2.50	− 47.9	11 32 9.38	.....	− 0 18 25.5	....
29	B. D.− 1°2546	9	33 38.62	− 0.01	− 1.49	319 5 56.58	47.410	− 2.50	− 50.7	11 33 37.12	− 1.23	− 1 55 5.3	+ 8.9
30	B. D.− 4°3120	9	36 6.54	− 0.01	− 1.49	316 21 55.33	43.255	− 2.50	− 55.8	11 36 5.04	− 1.26	− 4 40 46.6	+ 8.9
31	B. D.+ 3°2539	9	37 39.22	− 0.02	− 1.49	323 53 55.23	47.145	− 2.50	− 42.7	11 37 37.71	− 1.20	+ 2 52 55.3	+ 8.6
32	ν Virginis	9	41 4.35	− 0.03	− 1.49	328 5 54.68	42.475	− 2.50	− 36.4	11 41 2.83	− 1.18	+ 7 3 14.3	+ 8.3
33	B. D.+ 5°2545	9	44 20.72	− 0.02	− 1.49	326 43 54.98	45.725	− 2.50	− 38.4	11 44 19.21	− 1.18	+ 5 42 26.9	+ 8.3
34	β Virginis	9	45 50.67	− 0.02	− **1.47**	323 19 55.98	43.507	− 2.50	− 43.6	11 45 49.16	.....	+ 2 17 32.0	....
35	B. D.+ 1°2624	9	49 4.32	− 0.01	− 1.49	322 5 57.48	45.725	− 2.50	− 45.5	11 49 2.82	− 1.22	+ 1 4 22.3	+ 8.4
36	B. D.− 4°3162	9	50 40.72	− 0.01	− 1.49	316 25 55.00	43.177	− 2.50	− 55.7	11 50 39.22	− 1.26	− 4 36 48.6	+ 8.4
37	B. D.+ 1°2636	9	54 17.54	− 0.01	− 1.49	322 5 56.28	42.360	− 2.50	− 45.6	11 54 16.04	− 1.22	+ 1 3 4.1	+ 8.2
38	B. D.+ 0°2880	9	57 11.08	− 0.01	− 1.49	321 39 55.68	43.368	− 2.50	− 46.3	11 57 9.58	− 1.22	+ 0 37 25.8	+ 8.1
39	B. D.− 2°3460	9	1 13.76	− 0.01	− 1.49	318 25 56.12	43.532	− 2.50	− 51.9	12 1 12.26	− 1.24	− 2 36 35.6	+ 8.0
40	B. D.+ 6°2559	9	5 18.72	− 0.02	− 1.49	327 21 55.13	43.590	− 2.50	− 37.5	12 5 17.21	− 1.19	+ 6 19 39.1	+ 7.9
41	B. D.+ 3°2616	9	9 10.42	− 0.02	− 1.49	323 47 55.60	47.020	− 2.50	− 42.8	12 9 8.91	− 1.20	+ 2 46 52.7	+ 7.8
42	B. D.− 1°2639	9	11 57.70	− 0.01	− 1.49	318 47 55.83	47.332	− 2.50	− 51.2	12 11 56.20	− 1.24	− 2 13 8.3	+ 7.7
43	η Virginis	9	15 8.54	− 0.01	− **1.47**	320 52	......	....	-	12 15 7.04	.....	− 0 8	....
44	B. D.− 4°3268	9	18 28.08	− 0.01	− 1.49	316 33 54.98	47.212	− 2.50	− 55.4	12 18 26.58	− 1.26	− 4 27 16.1	+ 7.4
	March 22, Bs.												
45	Sun I, N	9	3 15.17	0.00	− 1.31	321 45 55.23	44.952	− 2.68	− 46.3	0 3 13.86	+64.53	+ 0 44 1.7	....
46	Sun II, S	9	5 24.23	0.00	− 1.31	321 13 55.48	44.577	− 2.68	− 47.2	0 5 22.92	−64.53	+ 0 11 51.8	....
47	Venus I, C	9	39 12.85	0.00	− 1.31	323 59 56.42	42.838	− 2.37	− 42.7	0 39 11.54	+ 0.34	+ 2 57 18.2	....
48	Mercury C, C	9	3 43.88	− 0.01	− 1.30	330 59 56.50	44.301	− 2.37	− 32.5	1 3 42.57	+ 0.13	+ 9 58 1.9	....
49	υ Geminorum	9	30 9.64	− 0.09	− 1.29	348 7 57.18	43.960	− 2.44	− 12.5	7 30 8.26	− 0.39	+27 6 14.6	+ 5.1
50	*f* Puppis	9	33 55.50	− 0.10	− 1.29	286 19 55.40	41.782	− 2.45	−3 21.4	7 33 54.11	− 0.66	−34 45 45.6	+22.4
51	κ Geminorum	9	38 48.26	− 0.08	− **1.24**	345 37 57.23	47.035	− 2.47	− 15.3	7 38 46.89	.....	+24 37 22.2	....
52	4 Puppis	9	41 39.02	− 0.02	− 1.29	306 41 54.98	45.375	− 2.48	−1 20.1	7 41 37.71	− 0.54	−14 20 22.7	+17.8
53	φ Geminorum	9	47 46.58	− 0.09	− **1.21**	348 1 58.50	44.647	− 2.49	− 12.6	7 47 45.20	.....	+27 0 31.5	....
54	ω^1 Cancri	9	55 16.60	− 0.08	− 1.28	346 39 58.50	45.927	− 2.52	− 14.1	7 55 15.24	.....	+25 38 59.2	....
55	4 B. Ursæ Minoris	6	5 9.42	−25.48	− 1.28	49 54 1.00	47.881	− 2.56	+1 11.4	8 4 42.66	.....	+88 55 11.0	....
56	β Cancri	9	11 27.03	− 0.02	− **1.29**	330 29 56.28	45.325	− 2.58	− 33.9	8 11 25.73	.....	+ 9 28 23.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 8 49	29.60	38.3	37.5
9 40	29.60	38.3	37.9
10 36	29.58	38.7	37.9
10 58	......	....	38.0
11 21	29.56	38.9	38.0
11 42	......	....	38.4
12 13	29.55	39.0	38.2
12 26	29.55	39.0	38.1
22 0 5	29.82	42.2	40.3
0 39	29.82	42.2	41.0
1 4	29.82	42.7	41.0
7 30	29.965	36.1	35.1
8 0	......	....	34.5

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at III, V.
5. Bisections at b_1, b_6.
8. Bisections at III, IV, V.
10, 55. Bisections at b_1, b_3, b_6, b_7.
31, 40. Bisections at II, VII.
33, 38, 45. Bisections at I, II.
46. Bisections at VI, VII.
47, 48. Bisections at I, II, VI, VII.

Notes.

1-12. Unsteady.
8. Micrometer reading increased 1 rev.
13-44. Images poor and unsteady; high wind.
49-56. Unsteady; fuzzy and diffuse.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
45	+ 5.4	−16 4.9	...	−15 59.5
46	+ 5.5	+16 4.9	...	+16 10.4
47	+ 3.0	.. ....	0.0	+ 3.0
48	+ 5.3	.. ....	+1.2	+ 6.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	χ Cancri	9	14 23.38	− 0.09	− 1.28	348 34 0.05	41.327	− 2.59	− 12.1	8 14 22.01	− 0.60	+27 31 17.6	+ 5.1
2	30 Monocerotis	8	20 59.87	− 0.01	**− 1.27**	317 25 56.80	44.790	− 2.61	− 55.0	8 20 58.58	.....	− 3 36 9.4	....
3	ο Ursæ Majoris	7	22 30.36	− 0.56	− 1.28	22 1 58.75	47.117	− 2.62	+ 24.4	8 22 28.52	.....	+61 2 5.0	....
4	181 B. Camelopardalis	9	29 20.44	− 1.32	− 1.28	34 57 59.65	45.245	− 2.64	+ 42.1	8 29 17.84	− 1.71	+73 57 40.8	− 7.4
5	σ Hydræ	9	33 52.71	− 0.02	− 1.28	324 41 56.50	45.020	− 2.65	− 42.5	8 33 51.41	.....	+ 3 40 8.0	....
6	a Mali	9	39 51.31	− 0.09	− 1.28	288 13 54.33	42.527	− 2.67	−3 0.4	8 39 49.94	.....	−32 51 8.9	....
7	76 Draconis s. p.	9	49 18.13	+ 4.01	− 1.28	58 47 58.78	46.705	− 2.70	+1 39.4	20 49 20.86	.....	+82 10 49.1	....
8	44 B. Ursæ Majoris	9	57 10.17	− 0.39	− 1.28	15 39 58.05	45.515	− 2.73	+ 17.0	8 57 8.50	− 1.02	+54 39 20.1	− 2.1
9	145 B. Lyncis	9	0 35.50	− 0.17	− 1.28	359 51 58.13	41.942	− 2.74	− 0.1	9 0 34.05	.....	+38 49 41.5	....
10	ξ Cancri	9	3 59.53	− 0.06	− 1.28	343 27 56.80	42.202	− 2.75	− 17.8	9 3 58.19	− 0.80	+22 25 28.5	+ 6.8
11	θ Hydræ	9	9 30.66	− 0.01	**− 1.26**	323 43 56.68	46.035	− 2.77	− 44.1	9 9 29.37	.....	+ 2 42 29.7	....
12	83 Cancri	9	13 46.33	− 0.05	**− 1.21**	339 7 56.70	44.190	− 2.79	− 22.9	9 13 45.00	.....	+18 6 8.7	....
13	h Mali	9	17 22.38	− 0.05	− 1.28	295 29 55.08	42.657	− 2.80	−2 5.7	9 17 21.05	.....	−25 34 10.6	....
14	h Ursæ Majoris	9	24 10.84	− 0.64	− 1.28	24 29 59.38	42.757	− 2.82	+ 27.6	9 24 8.92	.....	+63 28 28.8	....
15	10 Leonis Minoris	8	28 30.41	− 0.14	− 1.28	357 49 58.20	45.215	− 2.84	− 2.2	9 28 28.99	.....	+36 48 54.2	....
16	10 Leonis	9	32 17.24	− 0.02	− 1.28	328 17 54.58	42.655	− 2.85	− 37.2	9 32 15.94	− 0.92	+ 7 15 17.2	+10.4
17	ο Leonis	9	36 10.33	− 0.02	**− 1.25**	331 21 56.88	41.810	− 2.86	− 32.9	9 36 9.04	.....	+10 19 4.4	....
18	θ Antliæ	7	40 3.28	− 0.06	− 1.27	293 41 55.23	47.282	− 2.87	−2 16.5	9 40 1.95	− 1.29	−27 20 35.7	+16.0
19	υ Ursæ Majoris	8	44 21.71	− 0.51	− 1.27	20 29 58.30	44.155	− 2.89	+ 22.7	9 44 19.93	.....	+59 28 54.8	....
	March 22, Br.												
20	1 H. Ursæ Minoris	5	13 37.46	− 0.83	− 1.50	28 41 59.28	46.655	− 3.06	+ 33.8	15 13 35.13	.....	+67 42 4.1	....
21	μ Boötis	9	20 58.83	− 0.14	− 1.49	358 43 56.45	43.550	− 3.06	− 1.3	15 20 57.20	.....	+37 42 15.0	....
22	ν^2 Boötis	9	28 27.63	− 0.18	− 1.49	2 13 57.58	45.130	− 3.06	+ 2.5	15 28 25.96	− 0.82	+41 12 56.2	+10.6
23	α Serpentis	8	39 40.49	0.00	**− 1.53**	327 43 54.45	47.747	− 3.06	− 38.9	15 39 39.00	.....	+ 6 43 11.5	....
24	κ Serpentis	9	44 32.76	− 0.02	− 1.49	339 27 55.60	43.270	− 3.06	− 23.1	15 44 31.25	.....	+18 25 46.1	....
25	χ Herculis	9	49 28.05	− 0.20	− 1.49	3 43 57.75	44.437	− 3.06	+ 4.1	15 49 26.36	.....	+42 42 42.1	....
26	49 Libræ	9	55 5.30	0.00	− 1.49	304 47 53.98	43.180	− 3.06	−1 28.7	15 55 3.81	.....	−16 15 23.1	....
27	β^1 Scorpii	9	0 0.49	− 0.01	**− 1.56**	301 29 53.13	45.140	− 3.06	−1 40.5	15 59 58.99	.....	−19 32 50.9	....
28	151 H^1. Cephei s. p.	7	6 39.34	+ 6.53	− 1.49	55 41 58.28	42.466	− 3.06	+1 30.7	4 6 44.38	.....	+85 18 35.5	....
29	λ Ophiuchi	9	26 12.34	+ 0.01	**− 1.51**	323 13 55.93	43.080	− 3.06	− 46.2	16 26 10.86	.....	+ 2 11 19.0	....
30	ζ Ophiuchi	9	32 1.02	+ 0.01	**− 1.58**	310 39 54.50	44.477	− 3.06	−1 11.9	16 31 59.54	.....	−10 22 36.1	....
31	η Herculis	8	39 42.54	− 0.16	− 1.49	0 7 57.68	42.385	− 3.06	+ 0.2	16 39 40.89	.....	+39 5 51.3	....
32	9 Camelopardalis s. p.	9	44 41.00	+ 1.67	− 1.49	74 46 0.05	45.612	− 3.06	+3 45.5	4 44 41.18	.....	+66 11 7.2	....
33	ε Ursæ Minoris	9	55 41.73	− 3.18	− 1.49	43 11 59.75	43.839	− 3.06	+ 58.3	16 55 37.06	.....	+82 11 24.5	....
34	δ Herculis	9	11 12.08	− 0.06	**− 1.50**	345 57 57.58	45.677	− 3.06	− 15.5	17 11 10.54	.....	+24 56 50.7	....
	March 23, Br.												
35	Sun I, N	9	6 53.69	− 0.03	− 1.42	322 9 56.03	44.065	− 2.54	− 47.4	0 6 52.24	+64.52	+ 1 7 41.3	....
36	Sun II, S	9	9 2.72	− 0.03	− 1.42	321 37 53.60	43.785	− 2.54	− 48.3	0 9 1.27	−64.51	+ 0 35 30.9	....
37	Venus I, C	9	43 45.54	− 0.04	− 1.42	324 29 55.20	44.199	− 2.11	− 43.5	0 43 44.08	+ 0.33	+ 3 27 47.5	....
38	Venus II	9	43 46.19	− 0.04	− 1.42	... .	......	....	. ....	0 43 44.73	− 0.32	.. ..	....
39	Mercury C, C	9	5 1.43	− 0.05	− 1.42	331 15 56.08	45.336	− 2.11	− 33.3	1 4 59.96	+ 0.13	+10 14 24.6	....
40	δ Geminorum	9	14 32.42	− 0.09	**− 1.38**	343 9 56.43	46.962	− 2.14	− 18.5	7 14 30.97	.....	+22 9 16.8	....
41	ι Geminorum	9	19 55.28	− 0.12	**− 1.41**	348 59 57.80	46.082	− 2.14	− 11.9	7 19 53.80	.....	+27 59 4.6	....
42	6 Canis Minoris	9	24 35.68	− 0.04	− 1.36	333 13 55.38	44.045	− 2.14	− 30.9	7 24 34.28	− 0.35	+12 11 56.7	+10.1
43	υ Geminorum	9	30 9.77	− 0.12	− 1.36	348 7 57.45	43.970	− 2.14	− 12.9	7 30 8.29	− 0.37	+27 6 15.0	+ 5.0
44	κ Geminorum	9	38 48.39	− 0.10	**− 1.37**	345 37 56.83	47.052	− 2.14	− 15.7	7 38 46.93	.....	+24 37 22.0	....
45	4 Puppis	9	41 39.14	− 0.02	− 1.36	306 41 54.18	45.440	− 2.14	−1 22.2	7 41 37.76	− 0.53	−14 20 23.8	+17.9
46	φ Geminorum	9	47 46.74	− 0.12	**− 1.36**	348 1 57.70	44.647	− 2.14	− 13.0	7 47 45.26	.....	+27 0 30.7	....
47	ω^1 Cancri	9	55 16.69	− 0.11	− 1.36	346 39 57.98	45.942	− 2.14	− 14.5	7 55 15.22	.....	+25 38 59.0	....
48	27 Lyncis	9	1 25.93	− 0.41	− 1.36	12 47 57.75	44.142	− 2.14	+ 14.1	8 1 24.16	.....	+51 46 46.3	....
49	κ Cephei s. p.	9	12 0.92	+ 2.95	− 1.36	63 33 58.73	43.890	− 2.14	+2 3.7	20 12 2.51	.....	+77 25 28.7	....
50	ο Ursæ Majoris	9	22 30.75	− 0.66	− 1.36	22 1 58.38	47.122	− 2.14	+ 25.1	8 22 28.73	.....	+61 2 6.0	....
51	η Cancri	9	27 18.54	− 0.08	**− 1.32**	341 47 54.98	42.565	− 2.14	− 20.2	8 27 17.10	.....	+20 45 33.2	....
52	73 Draconis s. p.	9	32 42.70	+ 2.48	− 1.35	66 21 59.55	42.492	− 2.14	+2 20.5	20 32 43.83	.....	+74 37 43.0	....
53	γ Cancri	9	37 53.02	− 0.08	**− 1.34**	342 49 55.60	44.532	− 2.14	− 19.0	8 37 51.59	.....	+21 48 19.9	....
54	ε Hydræ	9	41 50.09	− 0.03	**− 1.36**	327 47 53.43	43.737	− 2.14	− 38.8	8 41 48.71	.....	+ 6 45 39.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 8 35	29.995	34.6	33.5
9 7	......	....	32.8
9 44	30.04	32.9	31.9
15 14	30.16	26.4	24.6
15 53	......	....	23.2
16 11	30.19	25.0	23.1
16 57	......	....	22.8
17 15	30.25	24.2	22.2
23 0 9	30.35	33.1	31.7
0 44	30.37	33.6	32.0
1 6	30.37	34.1	32.8
7 8	30.41	32.0	30.5
7 28	......	....	30.0
7 51	......	....	29.7
8 7	30.435	30.2	29.1

Micrometer bisections are made at II, VI, except as noted below.

3.	Bisections at IV, VI.
4, 22, 25, 48, 50.	Bisections at III, V.
7, 28, 33.	Bisections at b_1, b_3, b_5, b_7, b_9.
20.	Bisections at b_5, b_6.
21, 27, 35, 43, 44, 53.	Bisections at I, II.
31.	Bisections at b_2, b_8.
32.	Bisections at III, IV.
36.	Bisections at VI, VII.
37, 39.	Bisections at I, II, VI, VII.
49, 52.	Bisections at III, IV, V.

Notes.

1–34.	Images diffuse and unsteady.
20.	Micrometer reading decreased 1 rev.
26.	Faint.
27, 28, 32.	Poor image.
31.	Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
35	+ 5.4	−16 5.2	...	−15 59.8
36	+ 5.4	+16 5.2	...	+16 10.6
37	+ 3.0	.. ...	0.0	+ 3.0
39	+ 5.4	.. ...	+ 1.3	+ 6.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	σ^2 Cancri (*mean*).........	9	48 32.96	− 0.15	− 1.35	351 57 56.40	43.452	− 2.14	− 8.7	8 48 31.46	.....	+30 56 6.3	....
2	220 H^1. Draconis s. p.	5	51 47.36	+ 3.65	− 1.35	60 47 59.40	43.627	− 2.14	+1 50.4	20 51 49.66	.....	+80 11 47.3	....
3	ν Cancri.................	9	57 16.88	− 0.10	− 1.35	345 51 57.00	41.652	− 2.14	− 15.5	8 57 15.43	− 0.76	+24 49 19.0	+ 6.0
4	κ Cancri.................	9	2 41.63	− 0.04	− 1.34	332 3 55.63	46.032	− 2.14	− 32.7	9 2 40.24	.....	+11 2 40.6	....
5	98 B. Cephei s. p.	9	7 19.41	+ 3.00	− 1.35	63 13 58.73	46.492	− 2.14	+2 2.4	21 7 21.06	.....	+77 44 30.5	....
6	83 Cancri................	9	13 46.44	− 0.07	− 1.31	339 7 55.13	44.242	− 2.14	− 23.5	9 13 45.02	.....	+18 6 8.4	....
7	B. A. C. 7504 s. p.	6	18 7.22	+ 9.83	− 1.35	54 19 58.45	47.468	− 2.14	+1 26.3	21 18 15.70	.....	+86 38 44.4	....
8	89 B. Ursæ Majoris.......	9	34 17.19	− 1.11	− 1.35	30 39 58.00	46.530	− 2.14	+ 36.8	9 34 14.73	− 1.85	+69 40 3.4	− 4.6
9	ε Leonis.................	9	40 33.47	− 0.10	− 1.37	345 13 57.00	44.410	− 2.14	− 16.3	9 40 32.02	.....	+24 12 21.2	....
	March 28, Bs.												
10	Sun I, S.	9	25 3.88	+ 0.01	− 0.39	323 35 56.03	43.050	− 1.67	− 42.9	0 25 3.50	+64.42	+ 2 33 23.5	....
11	Sun II, N...............	9	27 12.72	+ 0.01	− 0.39	324 7 55.10	43.242	− 1.67	− 42.0	0 27 12.34	−64.42	+ 3 5 27.2	....
	March 31, Bs.												
12	6 B. Ursæ Minoris.......	5	15 2.30	−16.35	+ 0.22	49 13 59.90	43.188	− 2.26	+1 9.0	12 14 46.17	.....	+88 13 20.9	....
13	24 Comæ Berenices.......	9	30 25.96	− 0.03	+ 0.22	339 55 56.20	42.682	− 2.26	− 21.7	12 30 26.15	.....	+18 53 35.5	....
14	χ Virginis...............	9	34 24.74	+ 0.02	+ 0.22	313 33 55.53	43.517	− 2.26	−1 2.4	12 34 24.98	− 1.34	− 7 28 46.8	+ 7.2
15	d^2 Virginis...............	9	40 53.17	0.00	+ 0.22	329 13 55.25	42.162	− 2.26	− 35.4	12 40 53.39	− 1.23	+ 8 11 9.0	+ 6.9
16	31 Comæ Berenices.......	9	47 8.36	− 0.08	+ 0.20	349 3 56.70	46.075	− 2.26	− 11.4	12 47 8.51	.....	+28 3 3.8	....
17	δ Virginis...............	9	50 53.16	+ 0.01	+ 0.18	324 55 55.08	45.725	− 2.26	− 41.8	12 50 53.40	.....	+ 3 54 23.8	....
18	43 H. Cephei s. p.	8	55 25.85	+ 7.50	+ 0.23	55 13 59.25	46.430	− 2.26	+1 26.0	0 55 33.58	.....	+85 45 7.9	....
19	14 Canum Venaticorum...	9	1 21.94	− 0.15	+ 0.23	357 19 56.48	43.007	− 2.26	− 2.7	13 1 22.02	− 1.27	+36 18 2.1	+ 5.6
20	θ Virginis...............	9	5 5.98	+ 0.02	+ 0.24	315 59 54.28	44.542	− 2.26	− 57.5	13 5 6.23	.....	− 5 2 19.7	....
21	*r* Centauri.............	9	11 41.26	− 0.03	+ 0.23	290 3 54.43	43.090	− 2.26	−2 41.7	13 11 41.46	− 1.73	−31 0 36.8	+ 3.9
22	*l* Ursæ Minoris.........	9	18 38.53	− 5.82	+ 0.23	46 15 59.20	41.941	− 2.26	+1 2.4	13 18 32.94	−10.12	+85 14 45.4	+ 1.3
23	38 Cassiopeiæ s. p.	8	24 8.47	+ 1.93	+ 0.23	71 11 59.90	43.432	− 2.26	+2 54.3	1 24 10.63	.....	+69 46 47.2	....
24	81 Ursæ Majoris.........	9	30 32.29	− 0.44	+ 0.23	16 49 57.33	46.540	− 2.26	+ 18.2	13 30 32.08	− 1.63	+55 49 44.5	+ 5.1
25	*m* Virginis...............	9	36 41.61	+ 0.02	+ 0.31	312 47 54.68	46.225	− 2 26	−1 4.3	13 36 41.86	.....	− 8 13 47.6	....
26	*i* Centauri.............	9	40 22.14	− 0.04	+ 0.23	288 29 53.73	44.945	− 2.26	−2 56.2	13 40 22.33	− 1.72	−32 34 9.6	+ 1.8
27	89 Virginis...............	9	44 46.92	+ 0.01	+ 0.20	303 23 53.83	41.557	− 2.26	−1 30.2	13 44 47.16	.....	−17 40 1.0	....
28	7 Boötis................	9	48 44.41	− 0.03	+ 0.23	339 25 55.85	42.945	− 2.26	− 22.4	13 48 44.61	− 1.17	+18 23 40.4	+ 6.4
29	47 Hydræ................	9	53 15.84	− 0.01	+ 0.23	296 31 53.20	45.935	− 2.26	−1 58.8	13 53 16.06	− 1.52	−24 30 50.2	+ 2.1
30	τ Virginis...............	9	56 52.67	+ 0.01	+ 0.25	323 1 55.35	44.520	− 2.26	− 44.9	13 56 52.91	.....	+ 1 59 53.5	....
31	ι Boötis.................	9	12 51.76	− 0.35	+ 0.24	12 47 56.65	47.315	− 2.26	+ 13.7	14 12 51.65	− 1.45	+51 47 57.0	+ 7.0
32	ε Cassiopeiæ s. p.	7	21 14.20	+ 1.77	+ 0.24	73 57 59.68	47.222	− 2.26	+3 26.6	2 21 16.21	.....	+66 58 48.9	....
33	*g* Boötis................	9	25 23.09	− 0.33	+ 0.24	11 15 57.60	47.047	− 2.26	+ 12.0	14 25 23.00	− 1.38	+50 15 50.2	+ 7.5
34	56 B. Draconis...........	9	29 11.62	− 0.57	+ 0.24	21 37 57.53	47.720	− 2.26	+ 23.8	14 29 11.29	− 1.71	+60 38 17.2	+ 7.3
	April 1, Bs.												
35	ω^2 Scorpii................	9	1 54.11	− 0.03	+ 0.44	300 25 54.80	45.092	− 2.90	−1 40.6	16 1 54.52	− 1.02	−20 36 50.3	− 3.0
36	φ Herculis.	9	5 49.17	− 0.24	+ 0.44	6 11 58.08	44.395	− 2.90	+ 6.5	16 5 49.37	.....	+45 10 43.9	....
37	δ Ophiuchi...............	9	9 25.57	− 0.01	+ 0.43	317 35 55.90	42.175	− 2.90	− 54.2	16 9 26.00	.....	− 3 27 9.5	....
38	ε Ophiuchi...............	9	13 21.24	0.00	+ 0.42	316 33 56.00	45.752	− 2.90	− 56.1	16 13 21.68	.....	− 4 27 49.6	....
39	ξ Coronæ Borealis.......	9	18 26.53	− 0.11	+ 0.44	352 7 57.23	44.385	− 2.90	− 8.2	16 18 26.86	− 0.82	+31 6 28.2	+ 8.8
40	η Draconis...............	9	22 44.24	− 0.59	+ 0.44	22 43 58.78	45.487	− 2.90	+ 25.0	16 22 44.09	.....	+61 43 27.9	....
41	*A* Draconis..............	9	28 11.64	− 0.93	+ 0.44	29 57 59.05	46.815	− 2.90	+ 34.4	16 28 11.15	.....	+68 58 8.2	....
42	ζ Ophiuchi...............	9	31 59.23	− 0.01	+ 0.49	310 39 54.35	44.375	− 2.90	−1 9.1	16 31 59.66	.....	−10 22 35.7	....
43	42 Herculis.	9	36 12.46	− 0.30	+ 0.44	10 7 57.73	43.765	− 2.90	+ 10.7	16 36 12.60	− 0.90	+49 6 33.4	+11.1
44	20 Ophiuchi..............	9	44 38.28	− 0.01	+ 0.44	310 25 54.38	43.362	− 2.90	−1 9.7	16 44 38.71	.....	−10 36 59.4	....
45	κ Ophiuchi...............	9	53 13.33	− 0.02	+ 0.45	330 33 55.53	42.215	− 2.90	− 33.5	16 53 13.75	.....	+ 9 31 11.7	....
46	157 H^1. Cephei s. p.	9	58 7.03	+ 7.26	+ 0.44	55 9 59.05	43.046	− 2.90	+1 25.6	4 58 14.73	+ 6.40	+85 50 26.3	− 9.8
47	η Ophiuchi...............	9	4 59.38	− 0.02	+ 0.46	305 25 53.85	45.335	− 2.90	−1 23.4	17 4 59.80	.....	−15 36 28.5	....
48	19 H. Camelopardalis s. p. .	8	6 56.86	+ 3.04	+ 0.45	61 52 0.80	44.092	− 2.90	+1 51.3	5 7 0.35	.....	+79 7 35.1	....
49	139 G. Scorpii............	9	10 57.09	− 0.08	+ 0.45	288 30	....	....	. ....	17 10 57.46	− 0.73	−32 33	....
50	ξ Ophiuchi...............	9	15 22.31	− 0.03	+ 0.45	300 1 54.30	45.722	− 2.90	−1 42.5	17 15 22.73	− 0.61	−21 0 38.3	− 5.0
51	*b* Ophiuchi...............	9	20 37.89	− 0.04	+ 0.45	296 57 54.10	44.737	− 2.90	−1 56.4	17 20 38.30	.....	−24 5 14.9	....
52	λ Herculis.	9	26 56.42	− 0.08	+ 0.45	347 11 57.85	45.370	− 2.90	− 13.5	17 26 56.79	− 0.50	+26 10 46.1	+ 8.6
53	β Draconis...............	9	28 19.03	− 0.36	+ 0.45	13 23 57.13	42.340	− 2.90	+ 14.3	17 28 19.12	.....	+52 22 3.8	....
54	ξ Serpentis.	9	32 12.32	− 0.02	+ 0.40	305 41 52.80	45.710	− 2.90	−1 22.7	17 32 12.75	.....	−15 20 20.3	....
55	324 B. Herculis...........	9	37 47.05	− 0.22	+ 0.45	4 31 58.28	44.737	− 2.90	+ 4.8	17 37 47.28	− 0.52	+43 30 50.3	+11.7
56	*X* Sagittarii.............	9	41 38.68	− 0.05	+ 0.45	293 15 54.73	44.790	− 2.90	−2 17.7	17 41 39.08	− 0.48	−27 47 34.4	− 7.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 9 3	.....	....	28.0
9 44	29.47	28.0	27.1
28 0 27	29.90	48.0	46.9
31 12 15	29.61	33.8	32 6
12 55	.....	....	31.5
13 31	29.63	[illegible]	31.2
13 57	.....	....	31.0
14 29	29.63	31.3	30.0
1 16 1	29.86	36.9	37.0
16 32	.....	....	36.2
17 15	29.88	36.0	36.0

Micrometer bisections are made at II, VI, except as noted below.

1, 4, 10. Bisections at I, II.
2. Bisections at IV, V.
5. Bisections at III, IV, V.
7. Bisections at b_1, b_3, b_4.
11. Bisections at VI, VII.
12. Bisections at b_5, b_7, b_9.
18. Bisections at b_1, b_3, b_5, b_7.
22, 46. Bisections at b_1, b_3, b_5, b_7, b_9.
32, 41, 48. Bisections at III, V.

Note.

26. Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 5.2	+16 1.8	...	+16 7.0
11	+ 5.1	−16 1.8	...	−15 56.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	87 Herculis	9	45 0.47	− 0.08	+ 0.45	346 39 57.85	46.330	− 2.90	− 14.1	17 45 0.84	− 0.41	+25 39 7.4	+ 8.6
	April 2, Bs.												
2	Sun I, N	8	43 14.19	− 0.02	+ 0.53	326 3 54.80	44.202	− 2.59	− 39.0	0 43 14.70	+64.58	+ 5 1 51.5	....
3	Sun II, S	8	45 23.35	− 0.02	+ 0.53	325 31 55.00	44.117	− 2.59	− 39.8	0 45 23.86	−64.58	+ 4 29 48.3	....
4	Venus I, C	9	29 26.09	− 0.02	+ 0.53	329 27 55.13	46.936	− 2.29	− 34.1	1 29 26.60	+ 0.41	+ 8 26 59.2	....
5	Venus II	8	29 26.90	− 0.02	+ 0.53	... .	......	....	. ....	1 29 27.41	− 0.40	.. ..	....
6	Moon I, N	9	31 35.40	− 0.10	+ 0.60	340 17 57.10	44.453	− 3.23	− 20.8	7 31 35.90	+67.11	+19 16 16.8	....
7	30 Monocerotis	8	20 57.88	− 0.08	+ **0.62**	317 25 57.20	44.735	− 3.36	− 53.5	8 20 58.41	.....	− 3 36 9.5	....
8	o Ursæ Majoris	5	22 28.19	− 0.55	+ 0.61	22 1 59.48	47.200	− 3.36	+ 23.7	8 22 28.25	.....	+61 2 6.3	....
9	181 B. Camelopardalis	9	29 17.77	− 1.25	+ 0.61	34 57 59.90	45.380	− 3.36	+ 41.0	8 29 17.13	− 1.02	+73 57 42.3	− 9.1
10	σ Hydræ	9	33 50.67	− 0.08	+ 0.61	324 41 56.60	45.002	− 3.36	− 41.3	8 33 51.20	.....	+ 3 40 8.2	....
11	ι Cancri	9	41 0.79	− 0.14	+ **0.61**	350 7 57.53	43.785	− 3.36	− 10.1	8 41 1.26	.....	+29 6 12.5	....
12	76 Draconis S. P.	8	49 18.77	+ 3.63	+ 0.61	58 47 59.65	46.892	− 3.36	+1 36.7	20 49 23.01	.....	+82 10 47.4	....
13	10 Ursæ Majoris	9	54 32.69	− 0.24	+ 0.61	3 9 59.68	46.165	− 3.36	+ 3.3	8 54 33.06	.....	+42 9 22.4	....
14	44 B. Ursæ Majoris	9	57 8.02	− 0.40	+ 0.61	15 39 58.95	45.598	− 3.36	+ 16.5	8 57 8.23	− 0.74	+54 39 21.8	− 3.8
15	θ Hydræ	9	9 28.69	− 0.08	+ **0.65**	323 43 55.98	46.055	− 3.36	− 42.9	9 9 29.22	.....	+ 2 42 30.1	....
16	83 Cancri	9	13 44.39	− 0.10	+ **0.63**	339 7 57.38	44.198	− 3.36	− 22.3	9 13 44.90	.....	+18 6 9.6	....
17	1 H. Draconis	9	23 49.26	− 2.73	+ 0.62	42 46 0.63	42.279	− 3.36	+ 54.4	9 23 47.15	.....	+81 44 45.6	....
18	160 G. Hydræ	9	28 53.31	− 0.12	+ 0.62	300 21 55.23	41.435	− 3.36	−1 39.9	9 28 53.81	− 1.00	−20 42 13.2	+16.8
19	o Leonis	9	36 8.41	− 0.08	+ **0.62**	331 21 57.43	41.825	− 3.36	− 32.1	9 36 8.95	.....	+10 19 5.6	....
20	θ Antliæ	9	40 1.41	− 0.14	+ 0.62	293 41 57.05	47.048	− 3.36	−2 12.9	9 40 1.89	− 1.15	−27 20 36.1	+17.4
	April 2, Ei.-Y.												
21	l Leonis	9	44 19.68	− 0.09	+ **0.53**	332 3 56.45	45.428	− 3.20	− 31.2	10 44 20.08	.....	+11 2 28.0	....
22	B. D.+ 9°2418	9	46 24.43	− 0.09	+ 0.49	330 39 56.48	46.380	− 3.20	− 33.1	10 46 24.83	− 1.05	+ 9 38 47.9	+ 8.4
23	d Leonis	9	55 43.13	− 0.08	+ **0.45**	325 9 56.93	42.552	− 3.20	− 41.0	10 55 43.55	.....	+ 4 7 13.0	....
24	B. D.+ 6°2397	9	59 28.05	− 0.08	+ 0.50	326 45 55.20	43.982	− 3.20	− 38.6	10 59 28.47	− 1.10	+ 5 43 46.4	+ 8.9
25	B. D.+ 9°2458	9	3 13.18	− 0.09	+ 0.50	330 33 56.48	43.912	− 3.20	− 33.3	11 3 13.59	− 1.09	+ 9 31 51.3	+ 8.2
26	B. D.− 0°2409	9	4 26.42	− 0.08	+ 0.50	320 11 55.60	46.182	− 3.20	− 49.1	11 4 26.84	− 1.16	− 0 49 33.4	+ 9.9
27	B. D.+ 1°2539	9	9 31.66	− 0.08	+ 0.50	322 25 56.80	44.312	− 3.20	− 45.4	11 9 32.08	− 1.15	+ 1 23 48.7	+ 9.4
28	B. D.+12°2319	9	13 27.54	− 0.09	+ 0.50	333 31 56.15	43.792	− 3.20	− 29.4	11 13 27.95	− 1.11	+12 29 52.1	+ 7.6
29	B. D.+ 5°2484	8	16 9.12	− 0.08	+ 0.50	326 25 55.20	43.675	− 3.20	− 39.2	11 16 9.54	− 1.14	+ 5 23 38.7	+ 8.6
30	ι Leonis	9	19 2.28	− 0.09	+ 0.50	332 3 56.95	46.102	− 3.20	− 31.3	11 19 2.69	− 1.12	+11 2 43.8	+ 7.7
31	B. D.+ 9°2494	9	21 26.77	− 0.09	+ 0.50	330 11 56.08	45.705	− 3.20	− 33.8	11 21 27.18	− 1.14	+ 9 10 31.4	+ 8.0
32	B. D.+ 0°2793	9	24 31.77	− 0.08	+ 0.50	321 11 55.68	46.010	− 3.20	− 47.4	11 24 32.19	− 1.20	+ 0 10 24.4	+ 9.2
33	B. D.+ 4°2492	9	28 35.53	− 0.08	+ 0.50	325 41 56.23	42.255	− 3.20	− 40.3	11 28 35.95	− 1.17	+ 4 39 6.2	+ 8.5
34	B. D.+ 6°2470	9	31 45.05	− 0.08	+ 0.50	327 39 54.93	43.640	− 3.20	− 37.4	11 31 45.47	− 1.17	+ 6 37 39.5	+ 8.2
35	B. D.+ 1°2597	9	35 35.72	− 0.08	+ 0.50	322 29 55.93	45.630	− 3.20	− 45.3	11 35 36.14	− 1.21	+ 1 28 18.1	+ 8.7
36	B. D.− 0°2479	9	39 48.17	− 0.08	+ 0.50	320 9 56.20	45.268	− 3.20	− 49.2	11 39 48.59	− 1.23	− 0 51 53.8	+ 8.9
37	B. D.+ 4°2526	9	41 58.29	− 0.08	+ 0.50	325 1 56.10	43.935	− 3.20	− 41.3	11 41 58.71	− 1.20	+ 3 59 43.5	+ 8.3
38	B. D.− 6°3455	9	44 23.74	− 0.08	+ 0.50	314 11 55.50	44.482	− 3.20	−1 0.7	11 44 24.16	− 1.29	− 6 50 24.0	+ 9.3
39	B. D.− 4°3152	9	46 14.71	− 0.08	+ 0.50	316 13 54.60	43.425	− 3.20	− 56.6	11 46 15.13	− 1.28	− 4 48 44.9	+ 9.0
40	B. D.− 1°2587	9	50 6.67	− 0.08	+ 0.50	319 9 55.58	47.220	− 3.20	− 51.0	11 50 7.09	− 1.26	− 1 51 11.6	+ 8.6
41	B. D.− 3°3213	9	53 19.72	− 0.08	+ 0.50	317 11 55.13	42.542	− 3.20	− 54.7	11 53 20.14	− 1.28	− 3 51 2.7	+ 8.7
42	π Virginis	9	56 4.17	− 0.09	+ **0.51**	328 9 55.15	45.045	− 3.20	− 36.7	11 56 4.58	.....	+ 7 8 12.5	....
43	B. D.+ 4°2569	9	59 55.08	− 0.08	+ 0.50	325 7 54.58	44.015	− 3.20	− 41.2	11 59 55.50	− 1.23	+ 4 5 43.9	+ 7.9
44	B. D.− 6°3509	9	3 46.93	− 0.08	+ 0.50	314 41 54.78	45.640	− 3.20	− 59.7	12 3 47.35	− 1.32	− 6 19 57.2	+ 8.5
45	B. D.+ 4°2583	9	6 52.53	− 0.08	+ 0.51	325 35 55.13	46.298	− 3.20	− 40.4	12 6 52.96	− 1.23	+ 4 34 37.4	+ 7.7
46	B. D.− 9°3468	9	10 21.18	− 0.09	+ 0.51	311 15 55.38	46.050	− 3.20	−1 7.3	12 10 21.60	− 1.36	− 9 45 54.8	+ 8.4
47	B. D.− 3°3263	9	13 21.10	− 0.08	+ 0.51	317 35 56.25	45.935	− 3.20	− 53.9	12 13 21.53	− 1.30	− 3 25 43.2	+ 8.0
48	η Virginis	9	15 6.68	− 0.08	+ **0.50**	320 51 54.93	48.242	− 3.20	− 48.0	12 15 7.11	.....	− 0 8 45.9	....
49	B. D.− 1°2657	9	17 32.91	− 0.08	+ 0.51	318 45 55.63	46.800	− 3.20	− 51.7	12 17 33.34	− 1.29	− 2 15 21.9	+ 7.8
50	B. D.+ 2°2539	9	21 13.57	− 0.08	+ 0.51	323 35 55.60	43.905	− 3.20	− 43.6	12 21 14.00	− 1.26	+ 2 33 40.0	+ 7.5
51	B. D.− 1°2674	9	24 21.26	− 0.08	+ 0.51	319 7 55.75	43.322	− 3.20	− 51.1	12 24 21.69	− 1.30	− 1 54 40.6	+ 7.6
52	B. D.+ 3°2660	9	26 30.13	− 0.08	+ 0.51	323 51 55.90	42.680	− 3.20	− 43.2	12 26 30.56	− 1.26	+ 2 49 12.7	+ 7.3
53	B. D.+ 1°2721	9	31 2.76	− 0.08	+ 0.51	322 9 55.53	43.567	− 3.20	− 45.9	12 31 3.19	− 1.28	+ 1 7 29.9	+ 7.3
54	χ Virginis	9	34 24.53	− 0.08	+ 0.51	313 33 56.08	43.538	− 3.20	−1 2.1	12 34 24.96	− 1.35	− 7 28 46.4	+ 7.4
55	B. D.+ 1°2739	9	37 16.02	− 0.08	+ 0.51	322 1 55.03	46.438	− 3.20	− 46.1	12 37 16.45	− 1.28	+ 1 0 34.8	+ 7.1
56	B. D.− 8°3424	9	42 14.64	− 0.09	+ 0.51	312 19 55.08	45.408	− 3.20	−1 4.9	12 42 15.06	− 1.37	− 8 42 7.4	+ 7.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 17 45	29.90	35.7	35.5
2 0 45	29.985	49.8	49.9
1 29	29.98	50.4	50.4
7 32	30.005	48.8	49.2
8 21	30.025	46.9	47.9
8 45	......	....	47.1
9 15	30.06	45.2	46.0
9 40	30.06	44.2	45.0
10 42	30.075	42.5	43.4
11 6	......	....	43.1
11 25	30.085	41.6	43.0
11 57	......	....	42.2
12 19	30.10	40.8	42.7

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at I, II.
3, 35, 38.	Bisections at VI, VII.
4.	Bisections at I, II, VI, VII.
6.	Bisections at II, III, IV, V, VI.
8.	Bisections at IV, V.
9.	Bisections at III, V.
12, 17.	Bisections at b_1, b_3, b_5, b_7, b_9.
21, 24, 43, 45, 51.	Bisections at II, VII.
34, 53.	Bisections at II, VI, VII.

Notes.

4. Degrees and minutes of circle reading assumed.
16. Micrometer reading decreased 1 rev.
21–32. Images poor and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
2	+ 4.9	−16 1.6	...	−15 56.7
3	+ 4.9	+16 1.6	...	+16 6.5
4	+ 2.7	.. ....	0.0	+ 2.7
6	+18 35.2	−15 15.0	...	+ 3 20.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. + 1°2758	9	45 15.07	− 0.08	+ 0.51	322 11 55.65	46.525	− 3.20	− 45.9	12 45 15.50	− 1.28	+ 1 10 37.6	+ 6.9
2	B. D. − 2°3593	8	48 23.17	− 0.08	+ 0.51	317 59 56.20	43.545	− 3.20	− 53.3	12 48 23.60	− 1.32	− 3 2 37.3	+ 6.9
3	δ Virginis	9	50 52.93	− 0.08	+ **0.52**	324 55 56.48	45.730	− 3.20	− 41.5	12 50 53.36	....	+ 3 54 24.7	....
4	B. D. −10°3581	9	52 4.54	− 0.09	+ 0.51	310 39 54.28	44.638	− 3.20	−1 8.8	12 52 4.96	− 1.39	−10 22 29.7	+ 6.7
5	B. D. − 0°2641	9	55 19.06	− 0.08	+ 0.51	320 21 55.05	42.828	− 3.20	− 49.0	12 55 19.49	− 1.30	− 0 40 50.5	+ 6.7
6	B. D. −10°3592	9	56 29.71	− 0.09	+ 0.51	310 23 54.43	43.165	− 3.20	−1 9.5	12 56 30.13	− 1.39	−10 39 3.9	+ 6.5
7	B. D. − 4°3408	9	58 59.99	− 0.08	+ 0.51	316 23 54.53	42.342	− 3.20	− 56.4	12 59 0.42	− 1.33	− 4 39 9.5	+ 6.5
8	B. D. − 3°3406	9	1 23.59	− 0.08	+ 0.51	317 13 55.93	44.192	− 3.20	− 54.7	13 1 24.02	− 1.32	− 3 48 24.2	+ 6.4
9	θ Virginis	9	5 5.86	− 0.08	+ **0.48**	315 59 55.03	44.545	− 3.20	− 57.1	13 5 6.29	....	− 5 2 19.4	....
10	89 Virginis	9	44 46.79	− 0.10	+ **0.46**	303 21 54.23	46.835	− 3.28	−1 29.9	13 44 47.21	....	−17 40 0.7	....
11	B. D. −12°3910	9	46 4.39	− 0.09	+ 0.52	307 49 54.93	44.130	− 3.28	−1 16.3	13 46 4.82	− 1.39	−13 12 48.2	+ 4.1
12	B. D. −11°3626	9	50 10.59	− 0.09	+ 0.52	309 3 55.80	42.730	− 3.28	−1 13.1	13 50 11.02	− 1.36	−11 59 16.2	+ 4.1
13	B. D. −15°3781	9	53 41.48	− 0.10	+ 0.52	305 35 54.50	44.305	− 3.28	−1 22.8	13 53 41.90	− 1.40	−15 26 51.2	+ 3.6
14	B. D. − 9°3832	9	56 39.64	− 0.08	+ 0.52	311 33 56.00	42.640	− 3.28	−1 6.9	13 56 40.08	− 1.33	− 9 29 11.8	+ 4.1
15	B. D. −14°3863	9	59 22.49	− 0.09	+ 0.52	306 31 54.38	43.132	− 3.28	−1 20.1	13 59 22.92	− 1.38	−14 31 15.4	+ 3.4
16	B. D. − 7°3770	9	2 11.16	− 0.08	+ 0.52	313 1 56.48	46.830	− 3.28	−1 3.5	14 2 11.60	− 1.30	− 7 59 32.2	+ 4.1
17	B. D. − 5°3824	9	6 2.59	− 0.08	+ 0.52	315 29 54.00	45.798	− 3.28	− 58.3	14 6 3.03	− 1.27	− 5 31 53.1	+ 4.2
18	B. D. − 6°3952	9	9 20.56	− 0.08	+ 0.52	314 25 54.98	42.850	− 3.28	−1 0.6	14 9 21.00	− 1.28	− 6 37 1.8	+ 4.0
19	B. D. −17°4053	9	11 52.79	− 0.10	+ 0.52	302 53 53.80	44.360	− 3.28	−1 31.6	14 11 53.21	− 1.40	−18 8 59.4	+ 2.3
20	B. D. −18°3789	9	13 27.21	− 0.10	+ 0.52	302 45 53.55	44.690	− 3.28	−1 32.1	14 13 27.63	− 1.40	−18 16 52.6	+ 2.2
21	B. D. − 7°3834 (*north*)	5	17 40.98	− 0.08	+ 0.52	313 41 56.48	45.068	− 3.28	−1 2.1	14 17 41.42	− 1.27	− 7 20 11.1	+ 3.6
22	B. D. − 7°3834 (*south*)	5	17 41.05	− 0.08	+ 0.52	313 41 56.48	44.810	− 3.28	−1 2.1	14 17 41.49	− 1.27	− 7 20 17.0	+ 3.6
23	B. D. −19°3880	9	20 15.71	− 0.11	+ 0.52	301 29 53.45	45.380	− 3.28	−1 36.7	14 20 16.12	− 1.40	−19 32 41.5	+ 1.7
24	B. D. − 6°4009	9	23 44.98	− 0.08	+ 0.52	314 33 55.03	43.568	− 3.28	−1 0.3	14 23 45.42	− 1.25	− 6 28 45.0	+ 3.5
25	B. D. −10°3920	9	27 9.51	− 0.08	+ 0.52	310 31 55.05	42.740	− 3.28	−1 9.5	14 27 9.95	− 1.28	−10 31 13.1	+ 2.8
26	B. D. −13°3931	9	31 12.26	− 0.09	+ 0.53	307 25 54.88	43.460	− 3.28	−1 17.6	14 31 12.70	− 1.30	−13 37 4.9	+ 2.2
27	B. D. −14°4006	9	35 44.73	− 0.09	+ 0.53	306 7 54.08	43.880	− 3.28	−1 21.3	14 35 45.17	− 1.30	−14 54 59.8	+ 1.8
28	μ Virginis	9	38 7.08	− 0.08	+ **0.54**	315 47 54.58	42.730	− 3.28	− 57.8	14 38 7.53	....	− 5 15 1.9	....
29	B. D. −17°4172	9	40 38.67	− 0.10	+ 0.53	303 43 53.98	46.685	− 3.28	−1 28.8	14 40 39.10	− 1.32	−17 18 3.3	+ 1.1
30	B. D. −10°3967	9	44 6.85	− 0.08	+ 0.53	310 35 55.65	45.432	− 3.28	−1 9.3	14 44 7.30	− 1.23	−10 26 10.8	+ 2.2
31	B. D. −17°4200	9	46 35.62	− 0.10	+ 0.53	303 3 54.35	46.720	− 3.28	−1 31.1	14 46 36.05	− 1.31	−17 58 4.4	+ 0.8
32	C. P. D. −24°5398	9	48 53.42	− 0.12	+ 0.53	296 47 54.03	44.240	− 3.28	−1 57.2	14 48 53.83	− 1.39	−24 15 27.5	− 0.6
33	43 B. Libræ	9	51 59.39	− 0.11	+ 0.53	300 3 54.35	43.515	− 3.28	−1 42.5	14 51 59.81	....	−20 59 29.1	....
34	B. D. −10°3999	9	53 49.17	− 0.08	+ 0.53	310 15 55.13	45.995	− 3.28	−1 10.2	14 53 49.62	− 1.21	−10 45 59.3	+ 1.8
35	B. D. −12°4192	9	57 59.90	− 0.09	+ 0.53	308 33 54.20	42.812	− 3.28	−1 14.6	14 58 0.34	− 1.21	−12 29 17.4	+ 1.4
36	B. D. −18°3972	9	0 55.26	− 0.10	+ 0.53	302 1 54.93	45.140	− 3.28	−1 34.9	15 0 55.69	− 1.28	−19 0 43.8	− 0.1
37	B. D. −22°3904	9	3 26.57	− 0.12	+ 0.53	298 19 54.30	46.825	− 3.28	−1 50.0	15 3 26.98	− 1.32	−22 42 20.9	− 1.0
38	B. D. −15°4047	9	6 35.46	− 0.09	+ 0.53	305 13 53.88	46.015	− 3.28	−1 24.1	15 6 35.90	− 1.22	−15 48 14.0	+ 0.4
39	B. D. −17°4283	9	9 9.89	− 0.10	+ 0.53	302 57 54.23	45.300	− 3.28	−1 31.6	15 9 10.32	− 1.23	−18 4 37.5	− 0.2
40	β Libræ	9	11 57.50	− 0.08	+ **0.57**	311 59 54.53	45.335	− 3.28	−1 6.1	15 11 57.95	....	− 9 2 10.9	....
41	C. P. D. −23°6142 (*mean*)	9	13 39.23	− 0.12	+ 0.53	297 7 54.33	44.610	− 3.28	−1 55.8	15 13 39.64	− 1.30	−23 55 17.3	− 1.7
42	σ² Libræ	9	17 47.81	− 0.09	+ 0.53	306 13 54.10	46.692	− 3.28	−1 21.1	15 17 48.25	....	−14 47 55.3	....
43	B. D. −22°3949	9	19 20.81	− 0.12	+ 0.53	297 51 54.60	46.548	− 3.28	−1 52.2	15 19 21.22	− 1.26	−23 10 29.2	− 1.8
44	32 Libræ	9	22 57.97	− 0.10	+ **0.51**	304 37 53.93	48.475	− 3.28	−1 26.0	15 22 58.40	....	−16 23 19.6	....
45	B. D. −16°4093	9	24 16.31	− 0.10	+ 0.53	303 55 57.38	44.052	− 3.28	−1 28.4	15 24 16.74	− 1.17	−17 6 59.7	− 0.6
46	C. P. D. −25°5620	9	27 31.91	− 0.13	+ 0.53	295 33 53.85	46.152	− 3.28	−2 3.9	15 27 32.31	− 1.26	−25 28 50.7	− 2.7
47	C. P. D. −25°5625	9	31 50.84	− 0.13	+ 0.53	295 3 54.30	48.252	− 3.28	−2 6.6	15 31 51.24	− 1.25	−25 58 4.9	− 3.0
48	B. D. −18°4118	9	33 30.47	− 0.10	+ 0.53	302 1 54.10	48.385	− 3.28	−1 34.9	15 33 30.90	− 1.15	−18 59 30.4	− 1.4
49	κ Libræ	9	36 32.43	− 0.11	+ 0.53	301 39 53.58	46.062	− 3.28	−1 36.4	15 36 32.85	....	−19 22 25.5	....
50	B. D. −15°4171	9	38 47.68	− 0.09	+ 0.53	305 39 53.53	45.538	− 3.28	−1 22.9	15 38 48.12	− 1.09	−15 22 24.1	− 0.7
51	C. P. D. −23°6265	9	42 52.84	− 0.12	+ 0.54	297 29 58.00	46.218	− 3.28	−1 54.0	15 42 53.26	− 1.17	−23 32 35.1	− 2.9
52	B. D. −14°4291	9	46 21.66	− 0.09	+ 0.54	306 27 53.03	44.388	− 3.28	−1 20.5	15 46 22.11	− 1.05	−14 34 48.4	− 0.8
53	C. P. D. −26°5537	9	48 47.31	− 0.13	+ **0.54**	293 59 55.60	44.725	− 3.28	−2 13.1	15 48 47.72	− 1.19	−27 3 30.7	− 4.1
54	B. D. −14°4314	9	51 16.50	− 0.09	+ **0.54**	306 27 53.63	48.390	− 3.28	−1 20.5	15 51 16.95	− 1.03	−14 33 16.4	− 0.9
55	π Scorpii	9	53 10.48	− 0.13	+ 0.54	295 11 53.58	47.032	− 3.28	−2 6.0	15 53 10.89	− 1.15	−25 50 32.9	− 4.0
56	B. D. −17°4472	9	57 14.86	− 0.10	+ 0.54	303 7 53.72	45.520	− 3.28	−1 31.1	15 57 15.30	− 1.04	−17 54 32.5	− 2.0
57	β¹ Scorpii	9	59 58.78	− 0.11	+ **0.53**	301 29 53.55	44.975	− 3.28	−1 37.0	15 59 59.21	....	−19 32 51.0	....
	April 6, Br.												
58	ρ Argus	9	3 32.01	− 0.24	+ 1.21	297 1 53.95	41.855	− 2.89	−1 54.0	8 3 32.98	....	−24 2 18.5	....
59	β Cancri	9	11 24.46	− 0.16	+ **1.18**	330 29 55.05	45.362	− 2.92	− 33.0	8 11 25.51	....	+ 9 28 23.6	....
60	χ Cancri	9	14 20.69	− 0.19	+ 1.22	348 33 57.45	41.478	− 2.93	− 11.8	8 14 21.72	− 0.33	+27 31 18.4	+ 4.0
61	30 Monocerotis	9	20 57.29	− 0.17	+ **1.23**	317 25 55.98	44.748	− 2.96	− 53.6	8 20 58.34	....	− 3 36 10.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 12 44	......	....	42.1
13 6	30.11	40.5	41.8
13 42	30.12	39.9	40.9
14 4	......	....	40.3
14 28	30.12	38.9	40.2
14 50	......	....	39.8
15 15	30.125	38.3	39.1
15 41	......	....	38.9
16 1	30.13	37.7	38.8
6 7 58	29.82	45.9	44.1

Micrometer bisections are made at II, VI, except as noted below.

3, 5, 10, 21, 44.	Bisections at I, II.
11.	Bisections at II, VI, VII.
20, 29, 32, 34, 48, 49, 51, 53.	Bisections at II, VII.
22.	Bisections at VI, VII.
28.	Bisections at III, VI.

Note.

58. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Groombridge 1418.....	9	27 4.00	− 4.21	+ 1.22	46 23 59.88	43.995	− 2.98	+1 1.6	8 27 1.01	− 2.31	+85 23 31.4	−11.9
2	19 G. Pyxidis............	9	35 0.68	− 0.23	+ 1.22	298 41 54.12	45.475	− 3.01	−1 46.5	8 35 1.67	− 0.64	−22 20 48.2	+19.1
3	ι Cancri..................	9	41 0.12	− 0.19	+ 1.26	350 7 55.58	43.800	− 3.04	− 10.2	8 41 1.15	.....	+29 6 11.1	....
4	76 Draconis s. p.	9	49 20.13	+ 2.88	+ 1.22	58 47 58.10	46.981	− 3.06	+1 37.0	20 49 24.23	.....	+82 10 46.3	....
5	145 B. Lyncis.............	9	0 32.86	− 0.23	+ 1.22	359 51 56.68	42.092	− 3.11	− 0.1	9 0 33.85	.....	+38 49 43.1	....
6	θ Hydræ................	9	9 28.16	− 0.16	+ 1.20	323 43 54.80	46.082	− 3.14	− 43.0	9 9 29.22	.....	+ 2 42 29.6	....
7	83 Cancri.................	9	13 43.77	− 0.16	+ 1.26	339 7 55.55	44.235	− 3.16	− 22.4	9 13 44.83	.....	+18 6 8.7	....
8	1 H. Draconis..........	9	23 48.43	− 2.24	+ 1.23	42 45 59.02	42.391	− 3.20	+ 54.5	9 23 47.42	.....	+81 44 46.8	....
9	10 Leonis................	9	32 14.69	− 0.16	+ 1.23	328 17 53.78	42.665	− 3.23	− 36.3	9 32 15.76	− 0.75	+ 7 15 17.1	+ 9.9
10	ο Leonis.................	9	36 7.79	− 0.16	+ 1.26	331 21 54.98	41.905	− 3.24	− 32.1	9 36 8.86	.....	+10 19 5.1	....
11	θ Antliæ.................	9	40 0.83	− 0.26	+ 1.23	293 41 53.85	47.175	− 3.26	−2 12.9	9 40 1.80	− 1.08	−27 20 36.3	+17.8
12	υ Ursæ Majoris...........	9	44 19.07	− 0.46	+ 1.23	20 29 56.80	44.468	− 3.27	+ 22.1	9 44 19.84	.....	+59 28 59.6	....
13	109 B. Ursæ Majoris.......	9	50 1.37	− 1.00	+ 1.23	34 19 58.10	45.672	− 3.29	+ 40.3	9 50 1.60	.....	+73 19 46.6	....
14	π Leonis.................	9	55 14.63	− 0.16	+ 1.20	329 31 54.12	43.385	− 3.31	− 34.6	9 55 15.70	.....	+ 8 29 35.5	....
15	193 G. Hydræ.............	9	0 0.61	− 0.24	+ 1.23	297 13 53.75	42.482	− 3.33	−1 53.8	10 0 1.60	− 1.14	−23 50 4.6	+16.3
16	λ Hydræ.................	9	6 0.29	− 0.19	+ 1.28	309 9 54.42	41.990	− 3.35	−1 12.1	10 6 1.33	.....	−11 53 33.5	....
	April 6, Ei.-Y.												
17	Moon I, N............	9	15 54.69	− 0.16	+ 1.36	327 57 54.95	48.805	− 2.96	− 36.9	11 15 55.89	+68.15	+ 6 57 38.3	....
18	υ Leonis.................	9	32 8.22	− 0.16	+ 1.32	320 44 6.35	43.460	− 2.96	− 48.2	11 32 9.42	.....	− 0 18 23.8	....
19	β Virginis...............	9	45 48.00	− 0.16	+ 1.35	323 19 57.58	43.572	− 2.96	− 43.9	11 45 49.21	.....	+ 2 17 34.3	....
20	η Virginis...............	9	15 5.92	− 0.16	+ 1.35	320 53 56.68	42.920	− 2.96	− 47.9	12 15 7.13	.....	− 0 8 45.5	....
	April 7, Bs.												
21	π Leonis.................	6	55 14.22	− 0.16	+ 1.61	329 31 56.78	43.262	− 3.30	− 33.7	9 55 15.72	.....	+ 8 29 36.3	....
22	υ² Hydræ................	9	0 32.35	− 0.19	+ 1.66	308 25 56.72	44.078	− 3.30	−1 12.1	10 0 33.82	.....	−12 36 43.5	....
23	λ Hydræ.................	9	5 59.87	− 0.19	+ 1.69	309 9 56.25	41.805	− 3.30	−1 10.3	10 6 1.34	.....	−11 53 34.1	....
24	ζ Leonis.................	9	11 27.26	− 0.17	+ 1.66	344 55 57.80	41.135	− 3.30	− 15.4	10 11 28.76	....	+23 53 6.9	....
25	29 H. Camelopardalis....	9	16 11.71	− 3.50	+ 1.67	45 44 0.82	45.295	− 3.30	+ 59.0	10 16 9.88	.....	+84 43 57.8	....
26	α Antliæ................	9	22 50.99	− 0.29	+ 1.67	290 27 55.98	45.270	− 3.30	−2 32.1	10 22 52.37	.....	−30 35 36.9	....
27	ρ Leonis.................	9	27 51.26	− 0.15	+ 1.65	330 49 57.40	42.412	− 3.30	− 32.0	10 27 52.78	.....	+ 9 47 19.2	....
28	31 Cephei s. p.	9	33 21.58	+ 1.42	+ 1.67	67 50 1.28	44.125	− 3.30	+2 20.4	22 33 24.67	+ 1.99	+73 9 5.2	+11.3
29	41 Leonis Minoris.........	9	38 17.92	− 0.17	+ 1.65	344 41 57.55	45.555	− 3.30	− 15.6	10 38 19.42	.....	+23 40 47.5	....
30	ι Cephei s. p.	8	46 15.42	+ 1.10	+ 1.67	75 16 3.20	43.265	− 3.30	+3 35.6	22 46 18.19	.....	+65 42 7.8	....
31	6 H¹. Draconis..........	9	52 29.75	− 1.44	+ 1.67	39 16 2.50	47.318	− 3.30	+ 47.0	10 52 29.98	.....	+78 16 34.7	....
	April 7, Ei.-Y.												
32	π Virginis...............	9	56 3.18	− 0.15	+ 1.55	328 9 55.85	44.932	− 3.26	− 35.4	11 56 4.58	.....	+ 7 8 11.9	....
33	ο Virginis...............	9	0 25.12	− 0.15	+ 1.52	330 17 56.95	42.138	− 3.26	− 32.6	12 0 26.52	.....	+ 9 15 11.9	....
34	Moon I, N............	9	13 11.32	− 0.15	+ 1.55	322 55 55.80	45.327	− 3.26	− 43.2	12 13 12.72	+68.57	+ 1 54 13.1	....
35	B. D.− 2°3519........	9	22 10.24	− 0.16	+ 1.55	318 1 56.48	42.885	− 3.26	− 51.4	12 22 11.63	− 1.31	− 3 0 50.3	+ 7.8
36	B. D.− 6°3583........	9	25 14.86	− 0.17	+ 1.55	314 33 55.45	44.400	− 3.26	− 58.0	12 25 16.24	− 1.35	− 6 28 23.3	+ 7.9
37	B. D.− 8°3372........	9	28 55.62	− 0.17	+ 1.55	312 5 56.65	45.238	− 3.26	−1 3.2	12 28 57.00	− 1.38	− 8 56 8.1	+ 7.9
38	B. D.+ 4°2631........	9	33 16.81	− 0.15	+ 1.55	324 49 56.65	44.312	− 3.26	− 40.3	12 33 18.21	− 1.28	+ 3 47 53.6	+ 7.0
39	B. D.− 2°3552........	9	35 3.89	− 0.16	+ 1.55	318 29 56.68	42.192	− 3.26	− 50.6	12 35 5.28	− 1.32	− 2 33 5.1	+ 7.3
40	B. D.− 3°3341........	9	38 10.29	− 0.16	+ 1.56	317 29 57.05	45.465	− 3.26	− 52.4	12 38 11.69	− 1.34	− 3 31 51.7	+ 7.3
41	B. D.−10°3546........	9	40 11.06	− 0.18	+ 1.56	310 33 56.08	42.552	− 3.26	−1 6.8	12 40 12.44	− 1.41	−10 29 13.6	+ 7.5
42	B. D.− 5°3569........	9	42 41.86	− 0.17	+ 1.56	315 13 54.72	47.080	− 3.26	− 56.7	12 42 43.25	− 1.36	− 5 47 21.4	+ 7.2
43	B. D.− 2°3580........	9	44 19.91	− 0.16	+ 1.56	317 49 56.58	46.925	− 3.26	− 51.8	12 44 21.31	− 1.34	− 3 11 18.2	+ 7.1
44	B. D.− 0°2622........	9	47 22.93	− 0.16	+ 1.56	320 35 56.70	47.080	− 3.26	− 47.0	12 47 24.33	− 1.32	− 0 25 9.8	+ 6.9
45	B. D.−10°3570........	9	49 25.05	− 0.18	+ 1.56	309 53 56.42	44.690	− 3.26	−1 8.4	12 49 26.43	− 1.42	−11 8 26.0	+ 7.1
46	B. D.− 4°3379........	9	51 24.08	− 0.16	+ 1.56	316 39 55.80	46.788	− 3.26	− 53.9	12 51 25.48	− 1.35	− 4 21 24.2	+ 6.9
47	B. D.− 1°2745........	9	52 45.27	− 0.16	+ 1.56	318 45 55.45	47.148	− 3.26	− 50.1	12 52 46.67	− 1.33	− 2 15 12.6	+ 6.8
48	B. D.− 3°3384........	9	54 48.88	− 0.16	+ 1.56	317 43 56.45	44.115	− 3.26	− 52.0	12 54 50.28	− 1.34	− 3 18 22.8	+ 6.8
49	B. D.− 2°3620........	9	58 26.89	− 0.16	+ 1.56	318 33 56.80	46.012	− 3.26	− 50.4	12 58 28.29	− 1.34	− 2 27 37.5	+ 6.6
50	B. D.− 9°3617........	9	0 46.73	− 0.18	+ 1.56	311 1 56.25	45.760	− 3.26	−1 5.6	13 0 48.11	− 1.41	− 9 59 59.0	+ 6.6
51	B. D.− 9°3628........	9	2 58.26	− 0.18	+ 1.56	310 47 55.40	44.790	− 3.26	−1 6.2	13 2 59.64	− 1.42	−10 14 22.6	+ 6.5
52	B. D.− 2°3638........	9	4 52.18	− 0.16	+ 1.56	318 7 56.22	49.965	− 3.26	− 51.2	13 4 53.58	− 1.34	− 2 53 17.1	+ 6.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 8 38	......	....	43.0
8 55	29.84	44.0	42.2
9 48	......	....	41.1
10 9	29.855	42.0	41.0
11 12	29.86	40.9	39.5
11 38	......	....	39.1
12 2	29.86	39.6	39.4
12 28	......	....	39.8
7 9 55	29.84	53.2	53.2
10 23	......	....	53.4
10 52	29.84	52.1	53.4
11 54	29.84	52.0	54.8
12 17	......	....	54.5
12 45	29.85	51.9	54.1

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at b_1, b_3, b_7, b_9.
4, 8.	Bisections at b_1, b_3, b_5, b_7, b_9.
12, 28, 30.	Bisections at III, V.
13.	Bisections at III, IV, V.
17.	Bisections at I, III, IV, V, VII.
18, 20.	Bisections at II, VII.
19, 46.	Bisections at I, II.
21.	Bisections at b_4, b_9.
34.	Bisections at II, III, IV, V, VI.

Notes.

2, 15.	Unsteady.
16.	Thin clouds.
18–20.	Images poor.
21–31.	Images unsteady and diffuse.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
17	+31 19.5	−16 15.6	...	+15 3.9
34	+36 7.3	−16 28.2	...	+19 39.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −11°3457	9	7 5.00	− 0.18	+ 1.56	309 7 56.12	45.192	− 3.26	−1 10.2	13 7 6.38	− 1.44	−11 54 16.7	+ 6.3
2	B. D. −10°3635	9	10 0.53	− 0.18	+ 1.56	310 9 55.10	46.050	− 3.26	−1 7.6	13 10 1.91	− 1.42	−10 51 55.5	+ 6.2
3	B. D. −14°3683	9	12 32.13	− 0.20	+ 1.56	305 59 55.30	43.288	− 3.26	−1 18.5	13 12 33.49	− 1.48	−15 3 9.3	+ 6.0
4	B. D. −10°3652	9	14 47.05	− 0.18	+ 1.56	309 51 56.28	43.745	− 3.26	−1 8.4	13 14 48.43	− 1.43	−11 10 47.8	+ 6.0
5	B. D. −13°3692	9	17 6.73	− 0.19	+ 1.56	307 5 55.35	47.000	− 3.26	−1 15.4	13 17 8.10	− 1.46	−13 55 41.3	+ 5.8
6	B. D. − 4°3472	9	19 39.55	− 0.16	+ 1.56	316 21 55.28	44.045	− 3.26	− 54.4	13 19 40.95	− 1.36	− 4 40 27.9	+ 5.9
7	*i* Virginis	9	21 45.16	− 0.18	+ 1.56	308 49 56.15	42.800	− 3.26	−1 10.9	13 21 46.54	− 1.44	−12 13 12.0	+ 5.6
8	B. D. −13°3716	9	24 58.11	− 0.19	+ 1.56	307 31 56.75	43.345	− 3.26	−1 14.3	13 24 59.48	− 1.46	−13 31 2.4	+ 5.5
9	B. D. −10°3699	9	27 6.71	− 0.18	+ 1.56	310 15 55.60	45.048	− 3.26	−1 7.4	13 27 8.09	− 1.42	−10 46 17.7	+ 5.5
10	B. D. − 7°3643 (*mean*)	9	29 22.12	− 0.17	+ 1.56	312 53 56.98	44.905	− 3.26	−1 1.4	13 29 23.51	− 1.39	− 8 8 13.6	+ 5.5
11	B. D. −13°3737	9	32 59.52	− 0.19	+ 1.56	306 55 55.40	43.855	− 3.26	−1 15.9	13 33 0.89	− 1.46	−14 6 53.6	+ 5.1
12	B. D. − 9°3737	9	34 36.69	− 0.18	+ 1.56	311 23 55.85	44.960	− 3.26	−1 4.7	13 34 38.07	− 1.40	− 9 38 16.8	+ 5.2
13	*m* Virginis	9	36 40.63	− 0.17	+ **1.55**	312 47 56.82	46.010	− 3.26	−1 1.6	13 36 42.02	.....	− 8 13 48.7	....
14	B. D. − 3°3522	9	38 37.83	− 0.16	+ 1.56	317 13 56.70	44.880	− 3.26	− 52.8	13 38 39.23	− 1.35	− 3 48 5.8	+ 5.4
15	B. D. −11°3591	9	40 55.72	− 0.18	+ 1.56	309 5 56.72	42.215	− 3.26	−1 10.3	13 40 57.10	− 1.43	−11 57 24.2	+ 4.8
16	B. D. −16°3747	9	43 45.38	− 0.20	+ 1.56	304 31 55.08	44.462	− 3.26	−1 22.9	13 43 46.74	− 1.48	−16 30 47.1	+ 4.4
17	89 Virginis	9	44 45.86	− 0.21	+ **1.56**	303 21 54.42	46.625	− 3.26	−1 26.5	13 44 47.22	.....	−17 40 1.9	....
18	B. D. −9°3793	9	47 54.44	− 0.18	+ 1.57	310 49 55.22	42.760	− 3.26	−1 6.1	13 47 55.83	− 1.40	−10 13 9.1	+ 4.7
19	*η* Boötis	9	50 12.36	− 0.15	+ **1.61**	339 53 57.68	43.838	− 3.26	− 20.9	13 50 13.78	.....	+18 52 3.2	....
20	B. D. −16°3773	9	53 22.61	− 0.20	+ 1.57	303 51 56.12	46.205	− 3.26	−1 25.0	13 53 23.98	− 1.48	−17 10 8.3	+ 3.9
21	B. D. −12°3933	9	55 4.44	− 0.19	+ 1.57	308 1 56.05	44.158	− 3.26	−1 13.0	13 55 5.82	− 1.43	−13 0 43.2	+ 4.2
22	B. D. −11°3659	9	59 10.05	− 0.18	+ 1.57	309 21 55.78	43.962	− 3.26	−1 9.7	13 59 11.44	− 1.40	−11 40 44.6	+ 4.1
23	B. D. −13°3824	9	1 36.67	− 0.19	+ 1.57	307 17 55.58	42.428	− 3.26	−1 15.0	14 1 38.05	− 1.43	−13 45 25.2	+ 3.8
24	B. D. − 9°3865	8	3 59.96	− 0.18	+ 1.57	311 7 55.55	47.230	− 3.26	−1 5.4	14 4 1.35	− 1.38	− 9 53 25.9	+ 4.1
25	B. D. − 7°3794	9	8 20.01	− 0.17	+ 1.57	313 1 56.90	44.732	− 3.26	−1 1.3	14 8 21.41	− 1.36	− 8 0 17.5	+ 4.1
26	B. D. − 5°3845	9	11 24.89	− 0.17	+ 1.57	314 51 55.40	42.400	− 3.26	− 57.5	14 11 26.29	− 1.33	− 6 11 8.5	+ 4.1
27	B. D. −11°3711	9	13 45.57	− 0.18	+ 1.57	309 23 55.62	46.445	− 3.26	−1 9.6	14 13 46.96	− 1.38	−11 37 47.9	+ 3.5
28	*f* Boötis	9	22 4.79	− 0.15	+ **1.61**	340 39 57.60	45.990	− 3.26	− 20.1	14 22 6.21	.....	+19 38 53.0	....
29	*ι* Libræ	9	6 51.63	− 0.21	+ **1.60**	301 35 55.92	46.422	− 3.32	−1 32.8	15 6 53.00	.....	−19 26 11.4	....
30	B. D. −21°4065	8	10 55.95	− 0.23	+ 1.58	298 59 55.38	44.458	− 3.32	−1 42.9	15 10 57.30	− 1.38	−22 3 6.9	− 0.6
31	B. D. −12°4238	9	14 58.40	− 0.18	+ 1.58	308 11 56.42	43.225	− 3.32	−1 12.6	15 14 59.80	− 1.25	−12 51 3.8	+ 1.0
32	B. D. −11°3940	9	18 42.50	− 0.18	+ 1.58	308 59 56.48	45.732	− 3.32	−1 10.6	15 18 43.90	− 1.24	−12 2 4.4	+ 1.0
33	B. D. −18°4061	9	20 30.97	− 0.21	+ 1.58	302 51 55.20	43.860	− 3.32	−1 28.3	15 20 32.34	− 1.30	−18 11 6.2	− 0.3
34	B. D. −16°4099	9	25 21.98	− 0.20	+ 1.58	304 45 55.42	43.222	− 3.32	−1 22.2	15 25 23.36	− 1.26	−16 17 14.4	− 0.1
35	B. D. −16°4110	9	27 36.36	− 0.20	+ 1.58	304 29 54.95	46.375	− 3.32	−1 23.0	15 27 37.74	− 1.25	−16 32 3.7	− 0.2
36	*γ* Libræ	9	30 15.82	− 0.19	+ **1.60**	306 33 54.55	44.732	− 3.32	−1 17.0	15 30 17.21	.....	−14 28 35.6	....
37	B. D. −20°4309	9	37 51.39	− 0.22	+ 1.58	300 13 55.25	44.412	− 3.32	−1 37.9	15 37 52.75	− 1.26	−20 49 3.1	− 1.6
38	B. D. −22°4020	9	40 10.90	− 0.23	+ 1.58	298 35 55.35	43.640	− 3.32	−1 44.6	15 40 12.25	− 1.28	−22 27 27.3	− 2.0
39	B. D. −21°4197	8	44 26.42	− 0.22	+ 1.58	299 49 55.62	46.760	− 3.32	−1 39.4	15 44 27.78	− 1.24	−21 12 10.6	− 1.9
40	*λ* Libræ	9	47 52.43	− 0.22	+ 1.58	301 9 54.22	44.018	− 3.32	−1 34.4	15 47 53.79	.....	−19 53 9.6	....
41	B. D. −22°4046	9	49 8.25	− 0.23	+ 1.58	298 33 55.18	44.212	− 3.32	−1 44.8	15 49 9.60	− 1.24	−22 29 14.6	− 2.4
42	B. D. −15°4221	9	51 45.46	− 0.20	+ 1.58	305 17 54.60	42.118	− 3.32	−1 20.8	15 51 46.84	− 1.15	−15 45 39.1	− 0.9
43	C. P. D. −23°6292	9	53 55.43	− 0.24	+ 1.58	297 7 55.52	43.590	− 3.32	−1 51.3	15 53 56.77	− 1.24	−23 55 35.0	− 3.0
44	C. P. D. −25°5726	9	57 39.59	− 0.25	+ 1.59	295 27 54.82	42.470	− 3.32	−1 59.7	15 57 40.93	− 1.24	−25 36 9.7	− 3.5
45	B. D. −15°4243	9	0 47.32	− 0.19	+ 1.59	305 49 54.20	44.210	− 3.32	−1 19.2	16 0 48.72	− 1.10	−15 12 50.1	− 1.1
46	B. D. −17°4494	9	2 41.77	− 0.21	+ 1.59	303 3 55.48	43.325	− 3.32	−1 27.8	16 2 43.15	− 1.13	−17 59 17.6	− 1.8
47	*c*¹ Scorpii	9	6 30.57	− 0.26	+ 1.59	293 21 55.70	46.270	− 3.32	−2 11.7	16 6 31.90	− 1.23	−27 40 54.0	− 4.4
48	B. D. −20°4444	9	8 56.91	− 0.22	+ 1.59	300 9 54.98	46.995	− 3.32	−1 38.2	16 8 58.28	− 1.13	−20 52 4.6	− 2.8
49	B. D. −20°4454	9	11 26.13	− 0.22	+ 1.59	299 57 55.58	46.730	− 3.32	−1 39.0	16 11 27.50	− 1.12	−21 4 10.9	− 2.9
50	C. P. D. −23°6363	9	14 58.48	− 0.24	+ 1.59	297 5 55.42	46.380	− 3.32	−1 51.4	16 14 59.83	− 1.14	−23 56 31.5	− 3.8
51	B. D. −19°4365	7	18 35.74	− 0.22	+ 1.59	301 13 54.38	44.368	− 3.32	−1 34.2	16 18 37.11	− 1.08	−19 49 1.3	− 2.8
52	B. D. −21°4360	9	21 39.11	− 0.23	+ 1.59	299 7 54.70	46.430	− 3.32	−1 42.3	16 21 40.47	− 1.08	−21 54 21.9	− 3.5
53	C. P. D. −24°5703	9	24 29.46	− 0.24	+ 1.59	296 7 54.88	46.800	− 3.32	−1 56.1	16 24 30.81	− 1.10	−24 54 27.1	− 4.4
54	B. D. −21°4381	9	26 33.44	− 0.22	+ 1.59	299 47 55.28	42.305	− 3.32	−1 39.7	16 26 34.81	− 1.05	−21 15 53.0	− 3.5
55	C. P. D. −25°5815	8	30 8.14	− 0.24	+ 1.59	295 51 56.38	45.002	− 3.32	−1 57.5	16 30 9.49	− 1.07	−25 11 8.1	− 4.7
56	B. D. −18°4302	9	33 5.76	− 0.21	+ 1.59	302 23 54.98	46.328	− 3.32	−1 30.0	16 33 7.14	− 0.99	−18 38 11.7	− 2.9
57	B. D. −19°4406	9	36 21.69	− 0.22	+ 1.59	301 17 54.48	45.375	− 3.32	−1 33.9	16 36 23.06	− 0.99	−19 44 37.8	− 3.4
58	B. D. −18°4320	9	39 59.86	− 0.21	+ 1.59	302 5 55.15	42.225	− 3.32	−1 31.1	16 40 1.24	− 0.96	−18 57 46.4	− 3.2
59	B. D. −15°4395	9	44 4.99	− 0.20	+ 1.59	305 31 54.32	45.872	− 3.32	−1 20.0	16 44 6.38	− 0.92	−15 30 12.8	− 2.4
60	C. P. D. −25°5875	9	46 29.53	− 0.24	+ 1.59	295 35 54.92	47.010	− 3.32	−1 58.7	16 46 30.88	− 0.99	−25 26 24.8	− 5.3
	April 9, Br.												
61	Moon II, N	9	13 15.46	− 0.23	+ 1.93	312 25 56.30	47.066	− 3.73	−1 3.5	14 13 17.16	−70.17	− 8 35 27.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 13 9	......	....	54.6
13 30	29.85	52.0	55.0
13 57	......	....	54.2
14 24	29.85	51.9	53.2
15 4	29.86	51.7	54.1
15 29	......	....	54.7
15 55	29.875	52.2	54.0
16 20	......	....	54.1
16 48	29.89	52.3	54.8
9 14 14	29.695	45.8	44.0

Micrometer bisections are made at II, VI, except as noted below.

6, 17, 40. Bisections at VI, VII.
38. Bisections at II, VII.
58. Bisections at I, II.
61. Bisections at II, III, IV, V, VI.

Notes.

1, 2, 11, 31–33. Images somewhat unsteady.
36. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
61	+44 50.3	−16 40.1	...	+28 10.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	April 10, Br.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	6 Hydræ	9	35 32.92	− 0.28	+ 2.14	308 53 53.98	43.840	− 2.86	−1 10.0	8 35 34.78	....	−12 8 49.1	....
2	ι Cancri	9	40 59.27	− 0.27	+ **2.13**	350 7 57.85	43.735	− 2.86	− 9.8	8 41 1.14	....	+29 6 12.4	....
3	76 Draconis s. p.	9	49 20.26	+ 2.52	+ 2.14	58 47 59.62	47.098	− 2.86	+1 33.6	20 49 24.92	....	+82 10 45.3	....
4	145 B. Lyncis	9	0 31.95	− 0.30	+ 2.14	359 51 57.35	42.078	− 2.86	− 0.1	9 0 33.79	....	+38 49 43.7	....
5	θ Hydræ	9	9 27.25	− 0.25	+ **2.14**	323 43 55.72	45.968	− 2.86	− 41.5	9 9 29.14	....	+ 2 42 29.7	....
6	83 Cancri	9	13 42.87	− 0.24	+ **2.18**	339 7 55.52	44.200	− 2.86	− 21.5	9 13 44.77	....	+18 6 9.1	....
7	1 H. Draconis	9	23 47.23	− 2.09	+ 2.15	42 46 0.55	42.474	− 2.86	+ 52.5	9 23 47.29	....	+81 44 48.6	....
8	160 G. Hydræ	9	28 51.84	− 0.32	+ 2.15	300 19 55.55	46.428	− 2.86	−1 36.3	9 28 53.67	− 0.88	−20 42 14.6	+17.2
9	ο Leonis	9	36 6.97	− 0.24	+ **2.11**	331 21 56.20	41.772	− 2.86	− 30.9	9 36 8.88	....	+10 19 4.9	....
10	θ Antliæ	9	39 59.92	− 0.36	+ 2.15	293 41 56.02	46.810	− 2.86	−2 8.1	9 40 1.71	− 1.03	−27 20 37.2	+18.1
11	23 Leonis	9	45 55.76	− 0.24	+ 2.15	334 31 57.05	44.628	− 2.86	− 27.0	9 45 57.67	− 0.73	+13 30 14.9	+ 7.7
12	109 B. Ursæ Majoris	9	50 0.45	− 0.98	+ 2.15	34 19 58.78	45.757	− 2.86	+ 38.9	9 50 1.62	....	+73 19 48.3	....
13	π Leonis	9	55 13.75	− 0.25	+ **2.13**	329 31 53.58	43.330	− 2.86	− 33.3	9 55 15.65	....	+ 8 29 35.5	....
14	193 G. Hydræ	9	0 59.72	− 0.34	+ 2.15	297 13 55.08	42.185	− 2.86	−1 49.7	10 1 1.53	− 1.09	−23 50 5.5	+16.6
15	λ Hydræ	9	5 59.47	− 0.28	+ **2.14**	309 9 55.48	41.782	− 2.86	−1 9.5	10 6 1.34	....	−11 53 34.1	....
	April 10, Ei.-Y.												
16	θ Leonis	9	9 17.59	− 0.25	+ **2.23**	336 57 56.60	45.235	− 2.66	− 24.2	11 9 19.62	....	+15 56 31.3	....
17	δ Crateris	9	14 37.71	− 0.30	+ **2.30**	306 45 54.00	45.295	− 2.68	−1 16.1	11 14 39.69	....	−14 16 21.8	....
18	B. D.+ 8°2492	9	16 47.38	− 0.25	+ 2.28	328 45 55.55	44.920	− 2.68	− 34.5	11 16 49.41	− 1.10	+ 7 44 12.8	+ 7.8
19	B. D.− 0°2437	9	19 29.18	− 0.26	+ 2.28	320 1 54.90	43.248	− 2.69	− 47.8	11 19 31.20	− 1.16	− 1 0 39.4	+ 9.4
20	B. D.+ 1°2566	9	22 43.82	− 0.26	+ 2.28	322 29 55.25	45.932	− 2.70	− 43.7	11 22 45.84	− 1.15	+ 1 28 26.4	+ 8.9
21	B. D.+ 8°2512	9	24 47.73	− 0.25	+ 2.29	329 7 54.60	46.920	− 2.71	− 34.1	11 24 49.77	− 1.12	+ 8 6 57.9	+ 7.6
22	B. D.+ 3°2519	9	28 45.69	− 0.26	+ 2.29	324 3 57.22	42.000	− 2.72	− 41.4	11 28 47.72	− 1.16	+ 3 1 0.8	+ 8.4
23	B. D.+ 5°2511	9	32 18.58	− 0.26	+ 2.29	326 29 55.10	46.870	− 2.73	− 37.8	11 32 20.61	− 1.15	+ 5 28 53.5	+ 7.9
24	B. D.+ 4°2510	9	35 39.34	− 0.26	+ 2.29	325 11 55.28	46.008	− 2.74	− 39.7	11 35 41.37	− 1.17	+ 4 10 32.1	+ 8.1
25	B. D.+ 9°2545	9	40 25.49	− 0.26	+ 2.29	329 47 55.30	46.278	− 2.76	− 33.3	11 40 27.52	− 1.16	+ 8 46 44.6	+ 7.2
26	B. D.− 2°3410	9	41 30.72	− 0.27	+ 2.29	318 33 57.35	42.522	− 2.76	− 50.5	11 41 32.74	− 1.23	− 2 28 56.3	+ 9.0
27	B. D.+ 0°2843	9	44 12.88	− 0.26	+ 2.29	321 13 56.45	45.120	− 2.77	− 45.9	11 44 14.91	− 1.22	+ 0 12 6.8	+ 8.5
28	β Virginis	9	45 47.18	− 0.26	+ **2.26**	323 19 56.12	43.562	− 2.78	− 42.6	11 45 49.21	....	+ 2 17 34.1	....
29	B. D.− 5°3377	9	48 9.64	− 0.27	+ 2.29	315 19 54.75	42.678	− 2.78	− 56.6	11 48 11.66	− 1.28	− 5 43 1.4	+ 9.2
30	B. D.+ 4°2544	9	50 17.52	− 0.26	+ 2.29	324 45 56.45	45.642	− 2.79	− 40.4	11 50 19.55	− 1.20	+ 3 44 24.2	+ 7.8
31	B. D.− 5°3396	9	54 11.71	− 0.27	+ 2.29	314 53 54.48	45.468	− 2.80	− 57.4	11 54 13.73	− 1.29	− 6 7 58.8	+ 9.0
32	B. D.− 3°3224	9	56 36.81	− 0.27	+ 2.29	317 21 54.78	43.615	− 2.81	− 52.8	11 56 38.83	− 1.27	− 3 40 36.2	+ 8.6
33	B. D.− 5°3416	9	0 45.43	− 0.27	+ 2.29	315 41 54.05	46.718	− 2.82	− 55.9	12 0 47.45	− 1.30	− 5 19 29.1	+ 8.7
34	B. D.− 0°2540	9	4 59.09	− 0.26	+ 2.29	320 33 55.58	42.338	− 2.84	− 47.2	12 5 1.12	− 1.27	− 0 28 59.0	+ 8.0
35	B. D.+ 1°2667	9	8 15.83	− 0.26	+ 2.29	321 47 55.15	43.962	− 2.85	− 45.2	12 8 17.86	− 1.26	+ 0 45 39.6	+ 7.8
36	B. D.− 6°3538	9	11 31.17	− 0.27	+ 2.29	314 1 55.92	43.675	− 2.86	− 59.3	12 11 33.19	− 1.34	− 7 0 40.3	+ 8.5
37	B. D.− 8°3323	9	14 29.19	− 0.28	+ 2.29	312 37 55.22	46.562	− 2.87	−1 2.3	12 14 31.20	− 1.36	− 8 23 38.0	+ 8.5
38	B. D.− 6°3557	9	18 18.74	− 0.27	+ 2.29	314 15 54.90	43.430	− 2.88	− 58.9	12 18 20.76	− 1.34	− 6 46 46.5	+ 8.2
39	B. D.+ 0°2944	9	21 56.52	− 0.26	+ 2.29	321 21 54.55	45.260	− 2.89	− 45.9	12 21 58.55	− 1.29	+ 0 20 8.0	+ 7.4
40	B. D.− 5°3513	9	25 11.48	− 0.27	+ 2.29	315 31 54.60	44.735	− 2.90	− 56.4	12 25 13.50	− 1.34	− 5 30 14.5	+ 7.8
41	B. D.+ 0°2952	9	28 9.79	− 0.26	+ 2.30	321 15 55.05	46.325	− 2.91	− 46.1	12 28 11.83	− 1.30	+ 0 14 32.6	+ 7.3
42	B. D.+ 1°2721	9	31 1.16	− 0.26	+ 2.30	322 9 55.52	43.515	− 2.92	− 44.6	12 31 3.20	− 1.30	+ 1 7 30.3	+ 7.1
43	B. D.− 1°2699	9	32 15.57	− 0.26	+ 2.30	319 13 56.00	44.645	− 2.92	− 49.5	12 32 17.61	− 1.32	− 1 48 8.3	+ 7.3
44	B. D.− 5°3542	9	34 39.02	− 0.27	+ 2.30	315 27 55.50	42.325	− 2.93	− 56.6	12 34 41.05	− 1.36	− 5 35 8.9	+ 7.5
45	ρ Virginis	9	37 6.84	− 0.25	+ **2.32**	331 47 55.65	41.975	− 2.94	− 30.8	12 37 8.89	....	+10 45 9.0	....
46	B. D.− 2°3567	9	39 21.05	− 0.27	+ 2.30	318 41 56.95	45.670	− 2.95	− 50.5	12 39 23.08	− 1.33	− 2 19 44.9	+ 7.1
47	B. D.− 3°3360	9	42 42.90	− 0.27	+ 2.30	316 51 55.40	44.828	− 2.96	− 53.8	12 42 44.93	− 1.35	− 4 10 9.0	+ 7.2
48	B. D.− 1°2731	9	45 33.79	− 0.26	+ 2.30	319 43 54.80	42.770	− 2.97	− 48.7	12 45 35.83	− 1.33	− 1 18 51.6	+ 6.9
49	B. D.− 9°3569	9	46 28.76	− 0.28	+ 2.30	311 13 55.10	41.310	− 2.97	−1 5.6	12 46 30.78	− 1.42	− 9 49 41.5	+ 7.3
50	B. D.+ 2°2596	9	48 57.98	− 0.26	+ 2.30	323 19 56.30	43.712	− 2.98	− 42.8	12 49 0.02	− 1.31	+ 2 17 37.3	+ 6.6
51	δ Virginis	9	50 51.36	− 0.26	+ **2.31**	324 55 55.25	45.732	− 2.99	− 40.4	12 50 53.40	....	+ 3 54 24.8	....
52	B. D.−12°3726	9	52 40.04	− 0.29	+ 2.30	308 43 54.85	45.398	− 2.99	−1 11.6	12 52 42.05	− 1.45	−12 18 14.4	+ 7.1
53	B. D.− 2°3609	9	55 44.72	− 0.26	+ 2.30	318 9 54.10	45.538	− 3.00	− 51.5	12 55 46.76	− 1.35	− 2 51 51.9	+ 6.6
54	B. D.− 5°3621	8	59 19.50	− 0.27	+ 2.30	314 51 54.45	46.650	− 3.01	− 57.8	12 59 21.53	− 1.39	− 6 9 32.4	+ 6.6
55	B. D.− 1°2772	9	2 3.35	− 0.26	+ 2.30	319 37 55.00	44.438	− 3.02	− 48.9	13 2 5.39	− 1.35	− 1 24 13.5	+ 6.4
56	θ Virginis	9	5 4.24	− 0.27	+ **2.33**	315 59 55.48	44.430	− 3.03	− 55.6	13 5 6.27	....	− 5 2 19.9	....
57	B. D.−10°3655	9	15 23.10	− 0.28	+ 2.30	310 13 54.45	44.035	− 3.06	−1 8.0	13 15 25.12	− 1.44	−10 48 42.4	+ 6.1
58	B. D.− 4°3469	9	18 25.90	− 0.27	+ 2.30	316 35 55.00	45.160	− 3.07	− 54.4	13 18 27.93	− 1.38	− 4 26 2.6	+ 5.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 8 31	29.65	56.0	56.4
8 54	.....	....	56.5
9 18	.....	....	57.3
9 44	29.69	56.2	....
9 53	.....	....	56.3
10 8	29.70	56.1	56.2
11 7	29.72	54.8	54.9
11 30	.....	....	53.2
11 51	29.73	52.7	51.5
12 20	.....	....	50.3
12 40	29.74	50.8	49.8
13 6	.....	....	49.2

Micrometer bisections are made at II, VI, except as noted below.

2, 25, 48. Bisections at I, II.
3, 7. Bisections at b_1, b_3, b_5, b_7, b_9.
8, 47. Bisections at VI, VII.
12. Bisections at III, IV, V.
33, 35, 44. Bisections at II, VII.

Notes.

10. Unsteady.
14. Unsteady and diffuse.
15. Faint.
28–30. Images unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. − 0°2686	9	21 21.76	− 0.26	+ 2.30	320 19 55.05	44.210	− 3.08	− 47.8	13 21 23.80	− 1.35	− 0 42 17.6	+ 5.8
2	B. D. − 6°3827	9	25 27.72	− 0.27	+ 2.30	313 49 55.20	42.545	− 3.10	−1 0.0	13 25 29.75	− 1.41	− 7 13 7.7	+ 5.9
3	B. D. −14°3739	9	27 49.69	− 0.30	+ 2.31	306 9 53.98	44.108	− 3.11	−1 18.7	13 27 51.70	− 1.50	−14 52 51.9	+ 5.4
4	ζ Virginis	9	29 53.47	− 0.26	+ 2.30	320 55 55.30	42.318	− 3.11	− 46.8	13 29 55.52	.....	− 0 6 59.7	....
5	ι Virginis	9	11 4.36	− 0.28	+ 2.33	315 27 56.10	47.410	− 3.28	− 56.6	14 11 6.39	.....	− 5 33 12.4	....
6	B. D. −11°3711	9	13 44.98	− 0.30	+ 2.31	309 23 54.38	46.510	− 3.28	−1 10.1	14 13 46.99	− 1.42	−11 37 48.2	+ 3.6
7	2 Libræ	9	18 21.36	− 0.30	+ 2.31	309 45 55.25	42.960	− 3.28	−1 9.2	14 18 23.37	− 1.41	−11 17 7.6	+ 3.4
8	B. D. −18°3821	9	21 21.67	− 0.33	+ 2.31	302 37 54.75	47.268	− 3.28	−1 29.8	14 21 23.65	− 1.50	−18 23 50.2	+ 2.5
9	B. D. −14°3968	9	25 4.52	− 0.31	+ 2.31	306 11 53.60	46.532	− 3.28	−1 18.6	14 25 6.52	− 1.44	−14 49 57.0	+ 2.8
10	B. D. −17°4110	9	27 8.21	− 0.32	+ 2.31	303 33 54.95	46.790	− 3.28	−1 26.6	14 27 10.20	− 1.48	−17 27 57.7	+ 2.4
11	6 B. Libræ	9	31 59.03	− 0.30	+ 2.32	309 7 54.85	44.965	− 3.28	−1 10.8	14 32 1.05	− 1.40	−11 54 23.8	+ 2.8
12	B. D. −19°3939	9	36 7.37	− 0.33	+ 2.32	301 31 54.18	43.068	− 3.28	−1 33.7	14 36 9.36	− 1.49	−19 31 30.6	+ 1.6
13	B. D. −16°3934	9	40 22.16	− 0.32	+ 2.32	304 41 54.02	44.382	− 3.28	−1 23.0	14 40 24.16	− 1.44	−16 20 50.1	+ 1.9
14	B. D. −12°4134	9	42 46.47	− 0.30	+ 2.32	308 35 55.10	44.208	− 3.28	−1 12.1	14 42 48.49	− 1.38	−12 26 42.1	+ 2.3
15	B. D. −17°4196	9	46 18.79	− 0.32	+ 2.32	303 37 53.98	46.725	− 3.28	−1 26.3	14 46 20.79	− 1.44	−17 23 59.9	+ 1.5
16	B. D. − 8°3855	9	48 48.32	− 0.29	+ 2.32	312 19 55.02	45.295	− 3.28	−1 3.2	14 48 50.35	− 1.33	− 8 42 8.4	+ 2.6
17	ξ² Libræ	9	51 39.27	− 0.30	+ 2.33	309 59 55.08	46.285	− 3.28	−1 8.5	14 51 41.29	.....	−11 1 51.0	....
18	B. D. −14°4082	9	53 39.41	− 0.31	+ 2.32	305 57 54.05	47.412	− 3.28	−1 19.1	14 53 41.42	− 1.39	−15 3 36.9	+ 1.5
19	B. D. −17°4243	9	57 48.73	− 0.32	+ 2.32	303 45 55.12	47.285	− 3.28	−1 25.9	14 57 50.73	− 1.41	−17 15 45.5	+ 1.0
20	B. D. −13°4065	9	0 49.53	− 0.31	+ 2.32	307 7 54.40	47.440	− 3.28	−1 15.9	15 0 51.54	− 1.36	−13 53 32.7	+ 1.4
21	B. D. −11°3881	9	2 58.57	− 0.30	+ 2.32	309 19 55.65	47.652	− 3.28	−1 10.2	15 3 0.59	− 1.33	−11 41 20.9	+ 1.6
22	B. D. −14°4140	9	6 33.81	− 0.31	+ 2.32	306 9 53.72	44.842	− 3.28	−1 18.7	15 6 35.82	− 1.35	−14 52 35.6	+ 1.0
23	B. D. −13°4111	9	9 5.94	− 0.31	+ 2.32	307 9 55.42	47.492	− 3.28	−1 15.8	15 9 7.95	− 1.34	−13 51 30.4	+ 1.1
24	Moon S	.	.. ..	....	....	307 15 54.98	45.030	− 3.28	−1 15.6	.. ..	.....	−13 46 29.8	....
25	Moon II, N	9	14 20.58	− 0.31	+ 2.32	307 49 55.45	43.405	− 3.28	−1 14.1	15 14 22.59	−71.14	−13 12 59.1	....
26	B. D. −22°3938	9	16 53.54	− 0.35	+ 2.32	298 23 53.68	46.665	− 3.28	−1 46.1	15 16 55.51	− 1.43	−22 38 21.3	− 0.8
27	B. D. − 9°4138	9	19 5.31	− 0.30	+ 2.32	311 1 55.55	48.168	− 3.28	−1 6.1	15 19 7.33	− 1.27	− 9 59 5.2	+ 1.4
28	32 Libræ	9	22 56.51	− 0.32	+ 2.35	304 37 54.80	48.268	− 3.28	−1 23.2	15 22 58.51	.....	−16 23 20.7	....
29	B. D. −19°4135	9	27 11.95	− 0.33	+ 2.32	301 41 53.38	44.362	− 3.28	−1 33.1	15 27 13.94	− 1.35	−19 21 1.3	− 0.7
30	B. D. −15°4144	9	31 36.98	− 0.31	+ 2.33	305 49 54.12	46.000	− 3.28	−1 19.7	15 31 39.00	− 1.28	−15 12 9.7	0.0
31	B. D. −17°4388	8	33 19.88	− 0.32	+ 2.33	303 39 54.05	48.382	− 3.28	−1 26.3	15 33 21.89	− 1.30	−17 21 22.0	− 0.5
32	B. D. −13°4226	9	36 1.06	− 0.31	+ 2.33	307 21 54.42	46.138	− 3.28	−1 15.4	15 36 3.08	− 1.25	−13 40 2.0	+ 0.1
33	C. P. D. −23°6252	9	38 41.91	− 0.36	+ 2.33	296 55 54.85	48.300	− 3.28	−1 53.0	15 38 43.88	− 1.37	−24 5 49.7	− 2.2
34	B. D. −20°4322	9	41 52.61	− 0.34	+ 2.33	300 51 53.98	45.942	− 3.28	−1 36.2	15 41 54.60	− 1.30	−20 10 27.7	− 1.5
35	B. D. −18°4182	9	46 12.56	− 0.33	+ 2.33	302 23 54.15	43.578	− 3.28	−1 30.7	15 46 14.56	− 1.27	−18 39 16.0	− 1.3
36	B. D. −16°4174	9	48 27.52	− 0.32	+ 2.33	304 35 53.85	43.448	− 3.28	−1 23.5	15 48 29.53	− 1.24	−16 27 12.1	− 0.9
37	B. D. −13°4290	9	50 57.22	− 0.31	+ 2.33	306 55 54.72	42.655	− 3.28	−1 16.7	15 50 59.24	− 1.20	−14 7 22.6	− 0.5
38	B. D. −15°4226	9	52 55.90	− 0.31	+ 2.33	305 49 53.75	45.400	− 3.28	−1 19.8	15 52 57.92	− 1.21	−15 12 23.9	− 0.8
39	B. D. −20°4380	9	55 34.71	− 0.34	+ 2.33	300 9 54.42	43.658	− 3.28	−1 39.1	15 55 36.70	− 1.26	−20 53 22.3	− 2.2
40	ω² Scorpii	9	1 52.68	− 0.34	+ 2.33	300 25 55.05	44.930	− 3.28	−1 38.0	16 1 54.67	− 1.23	−20 36 51.5	− 2.4
41	C. P. D. −26°5611	9	5 47.37	− 0.37	+ 2.33	294 9 53.95	42.565	− 3.28	−2 8.1	16 5 49.33	− 1.30	−26 54 16.7	− 4.1
	April 12, Bs.												
42	Venus I, C	5	16 3.31	− 0.25	+ 2.77	334 7 56.28	46.209	− 2.44	− 27.4	2 16 5.83	+ 0.42	+13 6 50.3	....
43	Venus II	5	16 4.13	− 0.25	+ 2.77	... .	......	....	. ....	2 16 6.65	− 0.40	.. ..	....
44	83 Cancri	9	13 42.22	− 0.29	+ 2.85	339 7 55.65	44.218	− 2.45	− 21.6	9 13 44.75	.....	+18 6 9.9	....
45	B. A. C. 7504 s. p.	8	18 10.66	+ 5.55	+ 2.82	54 19 59.58	47.867	− 2.45	+1 19.4	21 18 19.03	.....	+86 38 41.5	....
46	β Cephei s. p.	9	27 22.17	+ 1.03	+ 2.82	70 50 0.92	44.332	− 2.45	+2 43.1	21 27 26.02	.....	+70 8 37.3	....
47	89 B. Ursæ Majoris	9	34 11.76	− 0.83	+ 2.82	30 39 59.38	46.748	− 2.45	+ 33.9	9 34 13.75	− 1.01	+69 40 6.6	− 8.6
48	ε Leonis	9	40 29.26	− 0.30	+ 2.79	345 13 57.78	44.462	− 2.45	− 15.0	9 40 31.78	.....	+24 12 24.2	....
49	6 Sextantis	9	46 28.15	− 0.31	+ 2.82	317 13 56.38	44.250	− 2.45	− 52.8	9 46 30.66	.....	− 3 48 19.8	....
50	158 B. Cephei s. p.	9	51 35.63	+ 1.19	+ 2.82	67 43 59.80	43.950	− 2.45	+2 19.1	21 51 39.64	.....	+73 15 11.2	....
51	π Leonis	9	55 13.07	− 0.30	+ 2.84	329 31 56.18	43.235	− 2.45	− 33.6	9 55 15.59	.....	+ 8 29 36.0	....
52	υ² Hydræ	9	0 31.30	− 0.34	+ 2.82	308 25 55.85	44.035	− 2.45	−1 11.9	10 0 33.78	.....	−12 36 44.3	....
53	λ Hydræ	9	5 58.84	− 0.34	+ 2.81	309 7 55.25	47.035	− 2.45	−1 10.1	10 6 1.32	.....	−11 53 34.5	....
54	ζ Leonis	9	11 26.20	− 0.30	+ 2.80	344 53 56.82	46.420	− 2.45	− 15.4	10 11 28.73	.....	+23 53 7.6	....
55	29 H. Camelopardalis	9	16 9.91	− 3.36	+ 2.83	45 43 59.82	45.377	− 2.45	+ 58.8	10 16 9.38	.....	+84 44 0.8	....
56	α Antliæ	9	22 49.84	− 0.44	+ 2.83	290 27 54.85	45.240	− 2.45	−2 31.7	10 22 52.23	.....	−30 35 37.4	....
57	ρ Leonis	9	27 50.20	− 0.29	+ 2.80	330 49 55.30	42.482	− 2.45	− 31.9	10 27 52.74	.....	+ 9 47 19.6	....
58	31 Cephei s. p.	9	33 20.78	+ 1.18	+ 2.83	67 50 0.10	44.182	− 2.45	+2 20.0	22 33 24.79	+ 1.68	+73 9 4.7	+12.3

Time.	Barom	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 13 31	29.745	49.7	49.0
14 9	29.735	49.0	48.5
14 33	......	....	48.7
14 55	29.745	48.6	49.4
15 21	......	....	48.8
15 43	29.745	48.1	48.3
16 4	......	....	47.7
16 18	29.75	47.3	47.2
12 2 16	29.98	60.9	61.0
9 14	[illegible]	57.5	59.8
9 40	......	....	58.2
10 11	29.995	56.1	57.2

Micrometer bisections are made at II, VI, except as noted below.

4, 38.	Bisections at VI, VII.
18, 19, 23, 41.	Bisections at II, VII.
24.	Bisections at I, II, III.
25.	Bisections at V, VI, VII.
42.	Bisections at I, II, VI, VII.
45.	Bisections at b_2, b_5, b_8.
46, 50. 58.	Bisections at III, V.
55.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

1-36.	Images generally poor; quite unsteady.
26.	Difficult
44-58.	Conditions poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
24	+48 18.0	+16 35.1	...	+64 53.1
25	+47 56.0	−16 35.1	+1.5	+31 22.4
42	+ 2.3	.. ....	0.0	+ 2.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	41 Leonis Minoris	9	38 16.83	− 0.30	+ 2.82	344 41 56.22	45.590	− 2.45	− 15.6	10 38 19.36	.....	+23 40 47.8	....
2	ι Cephei s. P.	8	46 14.54	+ 0.89	+ 2.83	75 16 2.30	43.302	− 2.45	+3 35.1	22 46 18.26	.....	+65 42 7.3	....
3	6 H^1. Draconis	8	52 28.65	− 1.46	+ 2.83	39 16 0.40	47.448	− 2.45	+ 46.9	10 52 30.02	.....	+78 16 36.3	....
4	α Ursæ Majoris	9	57 55.27	− 0.60	+ 2.83	23 15 59.28	45.900	− 2.45	+ 24.7	10 57 57.50	.....	+62 15 38.1	....
5	p^4 Leonis	9	2 5.09	− 0.30	+ 2.83	323 29 56.52	44.198	− 2.45	− 42.3	11 2 7.62	.....	+ 2 27 49.7	....
6	β Crateris	8	7 0.87	− 0.39	+ 2.83	298 43 53.98	44.970	− 2.45	−1 43.9	11 7 3.31	.....	−22 18 56.8	....
	April 12, Br.												
7	20 Ophiuchi	9	44 36.66	− 0.34	+ 2.64	310 25 54.72	43.212	− 2.46	−1 8.3	16 44 38.96	.....	−10 37 0.6	....
8	κ Ophiuchi	9	53 11.71	− 0.29	+ 2.61	330 33 55.08	42.222	− 2.46	− 32.9	16 53 14.06	.....	+ 9 31 12.4	....
9	η Ophiuchi	9	4 57.83	− 0.36	+ 2.64	305 25 52.80	45.262	− 2.46	−1 21.8	17 5 0.11	.....	−15 36 29.2	....
10	Moon II, S.	9	20 0.22	− 0.39	+ 2.64	301 7 52.95	46.693	− 2.46	−1 36.2	17 20 2.47	−72.09	−19 54 10.7	....
11	α Ophiuchi	9	30 32.71	− 0.29	+ 2.60	333 37 54.05	48.412	− 2.46	− 28.9	17 30 35.06	.....	+12 37 36.9	....
12	β Ophiuchi	9	38 48.06	− 0.30	+ 2.70	325 37 54.60	45.518	− 2.46	− 39.9	17 38 50.40	.....	+ 4 36 20.3	....
13	μ Herculis	9	42 45.16	− 0.30	+ 2.66	348 47 56.05	44.365	− 2.46	− 11.5	17 42 47.50	.....	+27 46 23.7	....
14	89 Herculis	9	51 35.99	− 0.30	+ 2.70	347 3 56.00	48.092	− 2.46	− 13.4	17 51 38.34	.....	+26 3 47.0	....
15	72 Ophiuchi	9	2 51.85	− 0.29	+ 2.64	330 33 54.68	46.850	− 2.46	− 32.9	18 2 54.21	.....	+ 9 32 57.8	....
	April 13, Br.												
16	Sun I, S.	9	23 25.66	− 0.30	+ 2.75	329 37 55.20	47.895	− 2.10	− 33.4	1 23 28.11	+64.83	+ 8 37 22.4	....
17	Sun II, N.	9	25 35.32	− 0.30	+ 2.75	330 9 54.75	47.772	− 2.10	− 32.7	1 25 37.77	−64.83	+ 9 9 19.2	....
18	Venus I, C.	7	20 47.73	− 0.32	+ 2.76	334 33 55.22	47.331	− 1.83	− 27.0	2 20 50.17	+ 0.36	+13 33 15.8	....
19	Venus II.	7	20 48.44	− 0.32	+ 2.76	... .	......	....	. ....	2 20 50.88	− 0.35	.. ..	....
20	ι Cancri	9	40 58.56	− 0.36	+ 2.87	350 7 55.90	43.808	− 1.48	− 10.0	8 41 1.05	.....	+29 6 13.3	....
21	76 Draconis s. P.	9	49 20.16	+ 2.38	+ 2.85	58 47 58.62	46.997	− 1.48	+1 35.3	20 49 25.39	.....	+82 10 45.5	....
22	ω Hydræ	9	0 59.51	− 0.34	+ 2.86	326 29 53.98	44.368	− 1.48	− 38.1	9 1 2.03	− 0.51	+ 5 27 56.2	+10.8
23	θ Hydræ	9	9 26.58	− 0.34	+ 2.86	323 43 55.95	45.980	− 1.48	− 42.3	9 9 29.10	.....	+ 2 42 30.8	....
24	83 Cancri	9	13 42.18	− 0.34	+ 2.93	339 7 55.28	44.220	− 1.48	− 22.0	9 13 44.70	.....	+18 6 10.2	....
25	h Mali	9	17 18.31	− 0.45	+ 2.86	295 29 53.60	42.378	− 1.48	−2 0.5	9 17 20.72	.....	−25 34 11.9	....
26	1 H. Draconis	9	23 45.87	− 2.14	+ 2.86	42 45 59.52	42.399	− 1.48	+ 53.6	9 23 46.59	.....	+81 44 48.3	....
27	o Leonis	9	36 6.26	− 0.34	+ 2.88	331 21 56.60	41.762	− 1.48	− 31.6	9 36 8.78	.....	+10 19 5.7	....
28	θ Antliæ	9	39 59.27	− 0.46	+ 2.86	293 41 56.48	46.852	− 1.48	−2 10.9	9 40 1.67	− 0.98	−27 20 37.2	+18.5
29	23 Leonis	9	45 55.07	− 0.33	+ 2.86	334 31 55.85	44.682	− 1.48	− 27.6	9 45 57.60	− 0.70	+13 30 15.7	+ 7.6
30	109 B. Ursæ Majoris	9	49 59.48	− 1.05	+ 2.86	34 19 59.25	45.655	− 1.48	+ 39.7	9 50 1.29	.....	+73 19 48.6	....
31	π Leonis	9	55 13.11	− 0.34	+ 2.83	329 31 55.35	43.252	− 1.48	− 34.0	9 55 15.63	.....	+ 8 29 36.2	....
32	193 G. Hydræ	9	59 59.06	− 0.44	+ 2.86	297 13 54.70	42.258	− 1.48	−1 52.0	10 0 1.48	− 1.05	−23 50 5.1	+17.0
33	λ Hydræ	9	5 58.77	− 0.38	+ 2.91	309 9 54.75	41.820	− 1.48	−1 11.0	10 6 1.26	.....	−11 53 34.1	....
34	λ Ursæ Majoris	9	11 24.37	− 0.42	+ 2.87	4 23 57.92	45.415	− 1.48	+ 4.5	10 11 26.82	.....	+43 23 6.6	....
35	30 H. Ursæ Majoris	9	17 21.01	− 0.73	+ 2.87	27 3 58.35	43.173	− 1.48	+ 29.7	10 17 23.15	.....	+66 2 41.0	....
	April 13, Ei.-Y.												
36	τ Leonis	9	23 4.72	− 0.34	+ 2.97	324 23 55.40	45.485	− 1.44	− 41.5	11 23 7.38	.....	+ 3 22 19.8	....
37	υ Leonis	9	32 6.76	− 0.35	+ 2.94	320 43 54.40	43.872	− 1.44	− 47.5	11 32 9.41	.....	− 0 18 24.1	....
38	B. D.+ 5°2525	9	35 37.70	− 0.34	+ 3.00	326 41 54.65	43.305	− 1.44	− 38.2	11 35 40.36	− 1.14	+ 5 39 32.5	+ 7.8
39	B. D.+ 1°2608	9	40 16.62	− 0.34	+ 3.00	322 27 54.58	44.218	− 1.44	− 44.6	11 40 19.28	− 1.18	+ 1 25 46.9	+ 8.4
40	B. D.+ 9°2549	9	43 3.68	− 0.33	+ 3.00	329 47 55.02	44.250	− 1.44	− 33.8	11 43 6.35	− 1.15	+ 8 45 58.9	+ 7.1
41	β Virginis	9	45 46.54	− 0.34	+ 2.97	323 19 56.50	43.495	− 1.44	− 43.2	11 45 49.20	.....	+ 2 17 33.7	....
42	B. D.+ 7°2489	9	46 43.03	− 0.33	+ 3.00	328 25 54.82	44.018	− 1.44	− 35.7	11 46 45.70	− 1.16	+ 7 23 51.5	+ 7.3
43	B. D.+ 9°2560	9	50 12.38	− 0.33	+ 3.00	329 59 55.25	44.068	− 1.44	− 33.5	11 50 15.05	− 1.17	+ 8 57 55.2	+ 6.9
44	B. D.+ 4°2553	9	53 23.37	− 0.34	+ 3.00	325 1 55.30	45.178	− 1.44	− 40.6	11 53 26.03	− 1.20	+ 5 0 13.6	+ 7.5
45	B. D.− 0°2520	9	56 11.58	− 0.35	+ 3.00	319 47 54.78	43.152	− 1.44	− 49.1	11 56 14.23	− 1.24	− 1 14 41.8	+ 8.4
46	B. D.− 0°2532	9	0 25.47	− 0.35	+ 3.00	320 1 55.38	46.655	− 1.44	− 48.7	12 0 28.12	− 1.25	− 0 59 20.7	+ 8.2
47	10 Virginis	9	4 50.86	− 0.34	+ 3.00	323 27 55.20	43.202	− 1.44	− 43.1	12 4 53.52	− 1.24	+ 2 25 25.8	+ 7.7
48	B. D.− 3°3249	9	7 23.54	− 0.35	+ 3.00	317 9 55.08	42.990	− 1.44	− 53.9	12 7 26.19	− 1.30	− 3 52 49.9	+ 8.4
49	B. D.+ 5°2602	9	10 24.98	− 0.34	+ 3.01	326 3 54.75	46.520	− 1.44	− 39.1	12 10 27.65	− 1.24	+ 5 2 45.2	+ 7.2
50	B. D.+ 0°2920	9	13 49.76	− 0.35	+ 3.01	320 45 55.00	44.960	− 1.44	− 47.5	12 13 52.42	− 1.28	− 0 15 58.6	+ 7.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 10 46	30.00	55.6	57.2
11 32	30.00	55.1	57.0
16 39	30.05	49.2	48.7
17 9	......	....	48.0
17 44	30.06	48.1	47.8
18 6	30.065	47.8	47.1
13 1 26	30.115	60.9	60.1
2 21	30.10	62.1	62.0
8 34	30.05	57.1	55.1
8 55	......	....	54.0
9 29	30.06	54.2	52.3
10 0	......	....	51.7
10 20	30.06	52.9	51.1
11 21	30.05	51.7	50.2
11 37	......	....	50.0
12 1	30.055	51.1	49.8

Micrometer bisections are made at II, VI, except as noted below.

10.	Bisections at II, III, IV, V, VI.
16, 20, 25, 41, 50.	Bisections at I, II.
17.	Bisections at VI, VII.
18.	Bisections at I, II, VI, VII.
21, 26.	Bisections at b_1, b_3, b_5, b_7, b_9.
30, 35.	Bisections at III, IV, V.
34.	Bisections at III, V.
40, 49.	Bisections at II, VII.

Notes.

1–15.	Conditions poor.
6.	Clouds.
7.	Unsteady.
20–35.	Haze.
21.	Slightly diffuse.
27.	Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+51 4.4	+16 20.8	...	+67 25.2
16	+ 4.4	+15 58.4	...	+16 2.8
17	+ 4.3	−15 58.3	...	−15 54.0
18	+ 2.3	.. ....	0.0	+ 2.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Virginis	9	15 4.48	− 0.34	**+ 2.97**	320 53 55.10	42.850	− 1.44	− 47.3	12 15 7.15	.....	− 0 8 46.5	....
2	B. D. + 6°2599	9	17 43.86	− 0.34	+ 3.01	326 51 53.90	43.465	− 1.44	− 38.0	12 17 46.53	− 1.24	+ 5 49 35.6	+ 6.9
3	B. D. − 5°3497	9	21 36.73	− 0.36	+ 3.01	315 29 54.42	47.092	− 1.44	− 57.1	12 21 39.38	− 1.34	− 5 31 20.0	+ 8.1
4	B. D. − 0°2583	9	24 32.43	− 0.35	+ 3.01	320 19 54.70	42.598	− 1.44	− 48.3	12 24 35.09	− 1.30	− 0 42 53.7	+ 7.5
5	B. D. − 4°3296	9	26 47.36	− 0.35	+ 3.01	316 29 54.12	44.842	− 1.44	− 55.2	12 26 50.02	− 1.34	− 4 32 9.9	+ 7.8
6	f Virginis	9	31 55.53	− 0.36	+ 3.01	315 43 54.58	42.825	− 1.44	− 56.7	12 31 58.18	.....	− 5 18 57.0	....
7	B. D. + 0°2966	9	34 34.59	− 0.34	+ 3.01	321 15 55.65	42.532	− 1.44	− 46.7	12 34 37.26	− 1.31	+ 0 13 7.4	+ 7.1
8	B. D. − 6°3626	9	37 4.67	− 0.36	+ 3.01	314 3 55.40	42.530	− 1.44	−1 0.1	12 37 7.32	− 1.38	− 6 59 6.3	+ 7.6
9	B. D. − 6°3644	9	42 6.07	− 0.36	+ 3.01	313 45 54.62	42.348	− 1.44	−1 0.7	12 42 8.72	− 1.39	− 7 17 11.9	+ 7.5
10	B. D. + 0°2983	9	43 16.63	− 0.34	+ 3.01	321 11 54.10	42.650	− 1.44	− 46.8	12 43 19.30	− 1.32	+ 0 9 8.4	+ 6.9
11	B. D. − 5°3588	9	47 19.79	− 0.36	+ 3.01	315 27 54.32	43.232	− 1.44	− 57.2	12 47 22.44	− 1.38	− 5 34 48.5	+ 7.2
12	B. D. + 0°3002	9	50 48.54	− 0.34	+ 3.01	321 35 55.12	44.310	− 1.44	− 46.1	12 50 51.21	− 1.33	+ 0 33 48.1	+ 6.6
13	B. D. − 5°3605	9	54 7.04	− 0.36	+ 3.01	315 27 54.62	42.455	− 1.44	− 57.2	12 54 9.69	− 1.39	− 5 35 5.9	+ 6.9
14	B. D. −11°3418	9	57 16.56	− 0.37	+ 3.01	309 25 56.10	44.970	− 1.44	−1 10.7	12 57 19.20	− 1.46	−11 36 20.4	+ 7.1
15	B. D. + 1°2786	9	59 55.16	− 0.34	+ 3.01	321 49 55.08	44.925	− 1.44	− 45.7	12 59 57.83	− 1.34	+ 0 48 2.5	+ 6.4
16	B. D. −13°3651	9	0 53.37	− 0.38	+ 3.01	307 25 54.48	44.672	− 1.44	−1 15.9	13 0 56.00	− 1.49	−13 36 34.1	+ 7.0
17	B. D. − 9°3636	9	4 48.73	− 0.37	+ 3.01	311 11 53.92	46.378	− 1.44	−1 6.4	13 4 51.37	− 1.44	− 9 49 46.1	+ 6.7
18	B. D. −15°3613	9	7 2.18	− 0.39	+ 3.01	305 19 53.95	47.475	− 1.44	−1 21.9	13 7 4.80	− 1.52	−15 41 36.6	+ 6.7
19	B. D. − 8°3514	9	9 47.08	− 0.36	+ 3.01	311 57 54.60	46.740	− 1.44	−1 4.6	13 9 49.73	− 1.44	− 9 3 35.4	+ 6.4
20	B. D. − 6°3776	9	11 54.97	− 0.36	+ 3.01	314 35 54.08	44.380	− 1.44	− 59.0	13 11 57.62	− 1.41	− 6 26 24.3	+ 6.3
21	B. D. − 0°2678	9	14 8.06	− 0.35	+ 3.02	320 15 55.18	43.610	− 1.44	− 48.4	13 14 10.73	− 1.36	− 0 46 30.2	+ 6.0
22	B. D. − 9°3669	9	16 15.68	− 0.37	+ 3.02	311 31 54.70	44.295	− 1.44	−1 5.7	13 16 18.33	− 1.45	− 9 30 32.3	+ 6.2
23	B. D. − 1°2815	9	19 23.07	− 0.35	+ 3.02	319 23 54.65	47.455	− 1.44	− 49.8	13 19 25.74	− 1.37	− 1 37 4.2	+ 5.9
24	B. D. − 6°3811 (*pr.*)	9	20 25.06	− 0.36	+ 3.02	313 55 55.55	46.235	− 1.44	−1 0.4	13 20 27.72	− 1.42	− 7 5 41.8	+ 6.0
25	B. D. − 0°2694	9	24 24.08	− 0.35	+ 3.02	320 9 54.50	43.235	− 1.44	− 48.6	13 24 26.75	− 1.37	− 0 52 39.6	+ 5.8
26	B. D. − 5°3714	9	27 3.34	− 0.36	+ 3.02	315 15 54.30	44.522	− 1.44	− 57.7	13 27 6.00	− 1.41	− 5 46 19.5	+ 5.7
27	B. D. − 6°3839	9	28 28.58	− 0.36	+ 3.02	313 53 56.15	44.195	− 1.44	−1 0.5	13 28 31.24	− 1.42	− 7 8 27.9	+ 5.7
28	B. D. − 5°3737	9	32 42.89	− 0.36	+ 3.02	314 51 53.48	44.168	− 1.44	− 58.5	13 32 45.55	− 1.42	− 6 10 29.2	+ 5.5
29	B. D. −14°3767	9	34 16.39	− 0.39	+ 3.02	306 17 53.70	46.505	− 1.44	−1 19.1	13 34 19.02	− 1.52	−14 43 56.2	+ 5.4
30	*m* Virginis	9	36 39.42	− 0.36	**+ 3.00**	312 47 54.78	46.108	− 1.44	−1 2.8	13 36 42.08	.....	− 8 13 47.9	....
31	B. D. −15°3735	9	40 30.14	− 0.39	+ 3.02	305 43 53.38	46.938	− 1.44	−1 20.8	13 40 32.77	− 1.52	−15 17 48.3	+ 5.0
32	B. D. − 6°3887	9	43 21.62	− 0.36	+ 3.02	314 39 54.08	44.988	− 1.44	− 58.9	13 43 24.28	− 1.42	− 6 22 10.3	+ 5.2
33	89 Virginis	9	44 44.59	− 0.40	**+ 3.08**	303 21 53.95	46.622	− 1.44	−1 28.2	13 44 47.21	.....	−17 40 2.3	....
34	μ Virginis	8	38 5.05	− 0.36	**+ 3.01**	315 47 54.60	42.562	− 1.44	− 56.6	14 38 7.72	.....	− 5 15 2.9	....
35	B. D. −22°3844	9	40 41.81	− 0.43	+ 3.03	298 17 53.95	44.045	− 1.44	−1 47.7	14 40 44.41	− 1.58	−22 45 20.7	+ 1.3
36	B. D. −19°3966	6	44 7.66	− 0.41	+ 3.03	301 31 53.85	44.912	− 1.44	−1 34.6	14 44 10.28	− 1.52	−19 30 47.9	+ 1.5
37	B. D. −16°3953	9	46 45.63	− 0.40	+ 3.03	303 55 54.70	43.100	− 1.44	−1 26.4	14 46 48.26	− 1.48	−17 7 20.3	+ 1.7
38	ξ¹ Libræ	8	49 15.34	− 0.37	+ 3.03	309 31 54.68	43.510	− 1.44	−1 10.5	14 49 18.00	− 1.40	−11 30 55.0	+ 2.3
39	ξ² Libræ	9	51 38.74	− 0.37	**+ 2.97**	309 59 55.48	46.202	− 1.44	−1 9.3	14 51 41.40	.....	−11 1 51.5	....
40	B. D. −21°4030	9	1 0.47	− 0.42	+ 3.03	299 21 53.60	47.442	− 1.44	−1 43.1	15 1 3.08	− 1.51	−21 39 58.8	+ 0.4
41	C. P. D. −23°6090	8	4 21.12	− 0.44	+ 3.03	297 25 53.80	43.560	− 1.44	−1 51.8	15 4 23.71	− 1.54	−23 37 36.0	− 0.1
42	B. D. −18°3997	9	6 50.47	− 0.41	+ 3.03	302 17 54.95	43.982	− 1.44	−1 31.9	15 6 53.09	− 1.46	−18 45 5.4	+ 0.5
43	B. D. −17°4285	9	9 14.12	− 0.40	+ 3.03	303 37 53.82	43.882	− 1.44	−1 27.4	15 9 16.75	− 1.43	−17 25 4.3	+ 0.6
44	B. D. −20°4196	9	12 25.32	− 0.42	+ 3.03	300 39 54.98	45.595	− 1.44	−1 38.0	15 12 27.93	− 1.46	−20 22 34.5	0.0
45	B. D. −19°4076	9	14 27.14	− 0.41	+ 3.03	301 49 54.08	45.565	− 1.44	−1 33.6	15 14 29.76	− 1.44	−19 12 31.7	+ 0.1
46	B. D. −16°4070	9	18 12.35	− 0.39	+ 3.03	304 47 53.28	47.315	− 1.44	−1 23.6	15 18 14.99	− 1.39	−16 13 42.5	+ 0.5
47	B. D. −21°4103	9	19 28.67	− 0.42	+ 3.04	299 19 54.18	45.752	− 1.44	−1 43.4	15 19 31.29	− 1.46	−21 42 37.2	− 0.6
48	B. D. −20°4246	8	25 8.92	− 0.42	+ 3.04	300 37 52.28	46.435	− 1.44	−1 38.1	15 25 11.54	− 1.43	−20 24 18.2	− 0.6
49	C. P. D. −24°5526 (*fol.*)	9	27 34.50	− 0.44	+ 3.04	296 51 54.05	47.162	− 1.44	−1 54.5	15 27 37.10	− 1.48	−24 10 16.2	− 1.4
50	γ Libræ	9	30 14.62	− 0.39	**+ 3.11**	306 33 54.60	44.712	− 1.44	−1 18.4	15 30 17.27	.....	−14 28 35.5	....
51	B. D. −22°3989	9	32 15.12	− 0.43	+ 3.04	298 13 53.68	42.952	− 1.44	−1 48.2	15 32 17.73	− 1.44	−22 49 46.5	− 1.4
52	B. D. −21°4159	6	33 29.48	− 0.43	+ 3.04	298 51 54.08	47.552	− 1.44	−1 45.3	15 33 32.09	− 1.43	−22 9 58.0	− 1.3
53	B. D. −18°4136	5	37 13.61	− 0.40	+ 3.04	302 43 53.65	45.915	− 1.44	−1 30.4	15 37 16.25	− 1.36	−18 18 20.9	− 0.7
54	C. P. D. −25°5646	6	40 7.23	− 0.44	+ 3.04	295 51 55.95	42.750	− 1.44	−1 59.7	15 40 9.83	− 1.45	−25 12 0.2	− 2.2
55	B. D. −13°4252	8	43 9.88	− 0.38	+ 3.04	307 49 54.02	44.630	− 1.44	−1 15.0	15 43 12.54	− 1.29	−13 12 34.6	0.0
	April 14, Bs.												
56	Sun I, S.	9	27 6.06	− 0.26	+ 3.21	329 59 54.85	47.170	− 0.60	− 32.3	1 27 9.01	+64.89	+ 8 59 8.0	....
57	Sun II, N.	9	29 15.83	− 0.26	+ 3.21	330 31 52.42	47.035	− 0.60	− 31.6	1 29 18.78	−64.88	+ 9 31 2.6	....
	April 15, Bs.												
58	ζ Ophiuchi	9	31 51.95	− 0.33	**+ 3.43**	310 39 53.75	44.272	− 1.35	−1 7.9	16 32 0.06	.....	−10 22 35.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 12 28	......	....	49.2
12 55	30.04	50.3	49.0
13 18	......	....	48.8
13 47	30.04	49.6	48.2
14 36	30.01	49.5	48.2
15 0	......	....	47.8
15 19	29.996	48.9	47.4
15 44	......	....	47.1
15 55	29.98	48.5	....
14 1 29	29.87	66.1	71.1
15 16 32	29.905	47.0	45.3

Micrometer bisections are made at II, VI, except as noted below.

3.	Bisections at II, VI, VII.
6, 17, 31, 53, 54.	Bisections at II, VII.
15, 23, 26, 32, 39, 46, 56.	Bisections at I, II.
57.	Bisections at VI, VII.

Notes.

32, 33, 54, 55.	Clouds.
39.	Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	″	′ ″	″	′ ″
56	+ 4.3	+15 57.3	...	+16 1.6
57	+ 4.3	−15 57.3	...	−15 53.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	42 Herculis.	8	36 4.99	− 0.38	+ 8.44	10 7 56.25	43.892	− 1.37	+ 10.5	16 36 13.05	− 1.32	+49 6 36.2	+ 8.6
2	η Herculis.	9	39 33.48	− 0.32	+ 8.44	0 7 55.62	42.608	− 1.39	+ 0.2	16 39 41.60	.....	+39 5 55.9	....
3	ε Scorpii.	9	43 57.78	− 0.48	+ 8.44	286 55 53.50	47.848	− 1.42	−3 9.1	16 44 5.74	.....	−34 7 15.6	....
4	57 H¹. Camelopardalis s. p.	9	52 35.48	+ 1.15	+ 8.44	67 1 59.22	47.660	− 1.47	+2 17.8	4 52 45.07	+ 2.49	+73 55 47.3	− 5.1
5	ε Herculis.	9	56 34.46	− 0.29	+ 8.44	352 3 56.48	47.800	− 1.49	− 8.1	16 56 42.61	.....	+31 3 47.0	....
6	60 Herculis.	9	0 53.87	− 0.28	+ 8.44	333 53 54.60	44.410	− 1.51	− 28.6	17 1 2.03	− 0.95	+12 52 7.2	+ 4.2
7	19 H. Camelopardalis s. p.	9	6 48.70	+ 1.65	+ 8.44	61 51 59.40	44.285	− 1.55	+1 49.3	5 6 58.79	.....	+79 7 32.8	....
8	δ Herculis.	9	11 3.04	− 0.28	+ **8.41**	345 57 56.60	45.680	− 1.57	− 14.6	17 11 11.20	.....	+24 56 52.1	....
9	*w* Herculis.	9	17 1.32	− 0.30	+ 8.44	353 35 56.50	46.182	− 1.61	− 6.5	17 17 9.46	.....	+32 35 11.6	....
10	*d* Ophiuchi.	9	21 14.09	− 0.44	+ 8.44	291 15 54.10	47.272	− 1.63	−2 28.8	17 21 22.09	.....	−29 46 48.1	....
11	β Ophiuchi.	9	38 42.33	− 0.29	+ **8.50**	325 37 52.90	45.590	− 1.73	− 39.9	17 38 50.48	.....	+ 4 36 21.0	....
12	μ Herculis.	9	42 39.46	− 0.29	+ **8.43**	348 47 56.05	44.392	− 1.75	− 11.5	17 42 47.61	.....	+27 46 25.1	....
13	9 G. Sagittarii.	9	50 15.88	− 0.37	+ 8.44	302 15 53.38	44.158	− 1.79	−1 32.4	17 50 23.95	− 0.80	−18 47 3.7	− 4.8
14	35 Draconis.	8	53 34.51	− 1.18	+ 8.44	37 59 58.90	41.703	− 1.81	+ 45.8	17 53 41.77	.....	+76 58 23.7	....
15	δ Ursæ Minoris.	9	2 39.67	− 4.80	+ 8.43	47 35 59.38	46.908	− 1.87	+1 4.3	18 2 43.30	.....	+86 36 41.3	....
16	Groombridge 1004 s. p.	9	10 18.17	+ 5.26	+ 8.43	54 13 58.05	45.291	− 1.90	+1 21.4	6 10 31.86	+ 8.75	+86 45 39.2	−10.4
17	η Serpentis.	9	16 19.24	− 0.30	+ **8.41**	318 5 54.42	46.738	− 1.94	− 52.5	18 16 27.37	.....	− 2 55 24.0	....
18	Moon II, N.	9	22 52.04	− 0.38	+ 8.43	302 23 53.80	45.547	− 2.46	−1 31.9	20 23 0.09	−68.63	−18 38 31.8	....
	April 16, Bs.												
19	1 H. Draconis.	9	23 39.22	− 2.11	+ 8.49	42 45 58.92	42.379	− 2.09	+ 54.2	9 23 45.60	.....	+81 44 47.2	....
20	160 G. Hydræ.	9	28 45.51	− 0.40	+ 8.49	300 19 54.20	46.598	− 2.09	−1 39.4	9 28 53.60	− 0.78	−20 42 14.5	+17.6
21	o Leonis.	8	36 0.53	− 0.31	+ **8.54**	331 21 55.70	41.840	− 2.09	− 31.9	9 36 8.71	.....	+10 19 5.7	....
22	14 Leonis Minoris.	9	40 34.48	− 0.40	+ 8.49	6 33 58.18	45.460	− 2.09	+ 6.8	9 40 42.57	− 0.61	+45 33 9.5	− 2.6
23	6 Sextantis.	9	46 22.53	− 0.33	+ 8.49	317 13 55.45	44.302	− 2.09	− 54.0	9 46 30.69	.....	− 3 48 20.3	....
24	109 B. Ursæ Majoris.	9	49 53.39	− 1.03	+ 8.49	34 19 58.92	45.642	− 2.09	+ 40.0	9 50 0.85	.....	+73 19 47.7	....
25	π Leonis.	9	55 7.44	− 0.31	+ **8.43**	329 31 54.45	43.328	− 2.09	− 34.4	9 55 15.62	.....	+ 8 29 36.0	....
26	υ² Hydræ.	9	0 25.61	− 0.36	+ 8.49	308 25 54.45	44.160	− 2.09	−1 13.5	10 0 33.74	.....	−12 36 44.0	....
27	λ Hydræ.	9	5 53.07	− 0.36	+ **8.55**	309 9 54.40	41.888	− 2.09	−1 11.7	10 6 1.20	.....	−11 53 34.2	....
28	22 Sextantis.	8	12 50.28	− 0.34	+ 8.49	313 25 55.98	45.160	− 2.09	−1 1.7	10 12 58.43	.....	− 7 36 7.9	....
29	30 H. Ursæ Majoris.	9	17 15.09	− 0.70	+ 8.49	27 3 58.80	43.132	− 2.09	+ 30.0	10 17 22.88	.....	+66 2 40.2	....
30	36 Ursæ Majoris.	9	24 30.09	− 0.51	+ 8.49	17 27 57.62	46.805	− 2.09	+ 18.5	10 24 38.07	.....	+56 27 51.4	....
31	226 B. Cephei s. p.	9	30 25.48	+ 1.36	+ 8.49	65 14 0.42	46.848	− 2.09	+2 6.8	22 30 35.33	.....	+75 44 16.2	....
32	33 Sextantis.	9	36 30.10	− 0.33	+ 8.49	319 47 54.62	42.408	− 2.09	− 49.4	10 36 38.26	.....	− 1 14 59.9	....
33	37 Sextantis.	9	41 4.86	− 0.31	+ 8.49	327 53 54.02	44.515	− 2.09	− 36.7	10 41 13.04	.....	+ 6 52 0.4	....
34	*l* Leonis.	9	44 11.86	− 0.31	+ **8.45**	332 3 55.68	45.435	− 2.09	− 31.0	10 44 20.04	.....	+11 2 28.7	....
35	54 Leonis.	9	50 24.34	− 0.32	+ 8.49	346 15 57.72	46.115	− 2.09	− 14.3	10 50 32.51	− 0.91	+25 15 3.0	+ 3.5
36	α Crateris.	9	55 4.76	− 0.38	+ **8.44**	303 15 53.42	41.302	− 2.09	−1 29.1	10 55 12.87	.....	−17 48 6.0	....
37	χ Leonis.	9	0 2.97	− 0.31	+ **8.50**	328 51 55.00	45.855	− 2.09	− 35.3	11 0 11.15	.....	+ 7 50 33.4	....
38	δ Leonis.	9	8 59.54	− 0.31	+ **8.46**	342 3 55.85	44.380	− 2.09	− 18.9	11 9 7.72	.....	+21 2 16.9	....
39	ξ Ursæ Majoris (*mean*).	9	13 3.19	− 0.34	+ 8.49	353 3 56.80	46.995	− 2.09	− 7.1	11 13 11.34	.....	+32 3 29.4	....
40	ι Leonis.	9	18 54.52	− 0.31	+ 8.49	332 3 55.62	46.128	− 2.09	− 31.0	11 19 2.70	− 1.04	+11 2 44.5	+ 6.9
41	83 Leonis.	9	21 52.84	− 0.32	+ 8.49	324 31 55.22	48.380	− 2.09	− 41.7	11 22 1.01	.....	+ 3 31 24.9	....
42	39 H. Cephei s. p.	9	27 21.39	+ 5.74	+ 8.49	54 11 59.62	46.576	− 2.09	+1 21.4	23 27 35.62	.....	+86 47 8.4	....
43	o Hydræ.	9	35 26.28	− 0.50	+ 8.49	286 51 54.35	41.660	− 2.09	−3 11.0	11 35 34.27	− 1.67	−34 13 38.7	+13.6
	April 16, Ei.-Y.												
44	ρ Virginis.	9	37 0.85	− 0.31	+ **8.37**	331 47 55.12	41.985	− 1.91	− 31.6	12 37 8.89	.....	+10 45 8.9	....
45	35 Virginis.	9	42 57.51	− 0.32	+ **8.34**	325 7 54.92	42.200	− 1.91	− 41.0	12 43 5.54	.....	+ 4 5 4.3	....
46	B. D. + 3°2703.	9	46 43.05	− 0.32	+ 8.35	324 35 55.45	44.618	− 1.91	− 41.8	12 46 51.08	− 1.31	+ 3 33 59.2	+ 6.5
47	ψ Virginis.	9	49 21.25	− 0.35	+ 8.35	311 59 53.60	46.270	− 1.91	−1 5.3	12 49 29.25	− 1.42	− 9 1 48.3	+ 7.5
48	δ Virginis.	9	50 45.39	− 0.32	+ **8.35**	324 55 55.15	45.742	− 1.91	− 41.3	12 50 53.42	.....	+ 3 54 25.1	....
49	B. D. − 6°3705.	9	53 37.01	− 0.34	+ 8.35	314 35 54.30	44.082	− 1.91	− 59.6	12 53 45.02	− 1.40	− 6 26 31.9	+ 7.1
50	B. D. + 2°2614.	9	56 35.82	− 0.32	+ 8.35	323 3 55.30	43.492	− 1.91	− 44.2	12 56 43.85	− 1.34	+ 2 1 31.0	+ 6.4
51	B. D. −12°3751.	9	0 31.63	− 0.36	+ 8.35	308 45 54.65	42.908	− 1.91	−1 13.2	13 0 39.62	− 1.48	−12 17 12.0	+ 7.2
52	B. D. −10°3615.	9	3 25.41	− 0.36	+ 8.35	309 45 53.98	46.968	− 1.91	−1 10.6	13 3 33.40	− 1.47	−11 15 37.3	+ 7.0
53	B. D. −13°3665.	9	6 17.73	− 0.36	+ 8.35	307 33 53.92	46.780	− 1.91	−1 16.4	13 6 25.72	− 1.50	−13 27 47.4	+ 7.0
54	B. D. − 9°3646.	9	9 42.87	− 0.35	+ 8.35	311 9 53.35	44.808	− 1.91	−1 7.3	13 9 50.87	− 1.46	− 9 52 24.0	+ 6.8
55	B. D. − 9°3654.	9	12 25.07	− 0.35	+ 8.35	310 59 54.02	42.808	− 1.80	−1 7.7	13 12 33.07	− 1.46	−10 3 9.3	+ 6.6
56	B. D. − 2°3671.	9	15 44.51	− 0.33	+ 8.35	317 59 55.25	43.830	− 1.80	− 53.0	13 15 52.53	− 1.40	− 3 2 30.0	+ 6.2

Time.	Barom	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 17 1	......	....	45.1
17 39	29.915	46.3	45.0
18 16	29.93	46.2	44.6
20 23	30.00	47.9	46.0
16 9 24	30.05	49.0	47.5
9 46	......	....	47.5
10 17	30.05	47.6	47.1
10 44	......	....	46.6
11 19	30.055	46.8	46.1
11 35	30.05	46.6	45.8
12 35	30.055	45.2	44.0
12 55	......	....	43.8

Micrometer bisections are made at II, VI, except as noted below.

1, 4, 29, 30, 31.	Bisections at III, V.
7, 14, 24.	Bisections at III, IV, V.
15, 16, 19, 42.	Bisections at b_1, b_3, b_5, b_7, b_9.
18.	Bisections at II, III, IV, V, VI.
47, 50, 53.	Bisections at I, II.
54.	Bisect ons at II, VII.

Notes.

31.	Micrometer reading increased 10 rev.
44–56.	Quite unsteady.
51.	Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
18	+48 19.7	−15 41.0	...	+32 38.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 3°3462	9	19 27.94	− 0.34	+ 8.35	317 13 54.32	42.682	− 1.80	− 54.5	13 19 35.95	− 1.40	− 3 48 58.7	+ 6.1
2	B. D.−15°3668	9	22 19.81	− 0.38	+ 8.35	305 33 52.55	43.228	− 1.80	−1 22.2	13 22 27.78	− 1.54	−15 29 15.7	+ 6.2
3	B. D.− 3°3486	9	25 46.38	− 0.34	+ 8.35	317 3 53.85	44.338	− 1.80	− 54.8	13 25 54.39	− 1.41	− 3 58 21.6	+ 5.9
4	B. D.− 7°3639	9	28 10.41	− 0.35	+ 8.35	313 3 54.85	46.228	− 1.80	−1 3.0	13 28 18.41	− 1.45	− 7 57 45.6	+ 5.9
5	B. D.− 2°3714	9	32 48.76	− 0.33	+ 8.35	318 15 54.12	46.585	− 1.80	− 52.5	13 32 56.78	− 1.40	− 2 45 27.7	+ 5.6
6	B. D.−15°3715	9	34 48.14	− 0.38	+ 8.35	305 3 53.12	45.912	− 1.80	−1 23.7	13 34 56.11	− 1.56	−15 58 15.2	+ 5.6
7	B. D.−12°3873	9	37 19.86	− 0.36	+ 8.35	307 57 54.40	42.918	− 1.80	−1 15.4	13 37 27.85	− 1.52	−13 5 14.1	+ 5.5
8	83 Virginis	9	39 18.99	− 0.38	+ 8.35	305 19 53.38	45.288	− 1.80	−1 23.0	13 39 26.96	− 1.55	−15 42 28.5	+ 5.4
9	B. D.− 7°3700	9	42 17.93	− 0.35	+ 8.35	312 59 54.80	45.670	− 1.80	−1 3.1	13 42 25.93	− 1.46	− 8 1 58.5	+ 5.3
10	89 Virginis	9	44 39.34	− 0.39	+ **8.34**	303 21 52.35	46.765	− 1.80	−1 29.2	13 44 47.30	....	−17 40 2.0	....
11	B. D.−10°3768	9	45 42.43	− 0.36	+ 8.35	310 7 53.78	46.915	− 1.80	−1 9.8	13 45 50.42	− 1.49	−10 53 37.8	+ 5.2
12	B. D.− 2°3752	9	48 13.20	− 0.33	+ 8.35	317 57 55.45	43.235	− 1.80	− 53.1	13 48 21.22	− 1.41	− 3 4 43.5	+ 5.1
13	B. D.−10°3790	9	52 37.82	− 0.35	+ 8.35	310 33 53.88	45.870	− 1.80	−1 8.8	13 52 45.82	− 1.48	−10 28 0.6	+ 4.9
14	B. D.− 4°3597	9	54 26.29	− 0.34	+ 8.35	316 3 52.70	45.998	− 1.80	− 56.8	13 54 34.30	− 1.43	− 4 57 46.8	+ 4.9
15	B. D.−10°3810	9	58 19.69	− 0.35	+ 8.35	310 31 54.55	43.338	− 1.80	−1 8.9	13 58 27.69	− 1.48	−10 30 57.9	+ 4.6
16	94 Virginis	9	1 12.48	− 0.35	+ 8.35	312 35 54.48	43.960	− 1.80	−1 4.1	14 1 20.48	....	− 8 26 38.9	....
17	B. D.−18°3757	9	3 42.41	− 0.39	+ 8.35	302 13 53.78	47.092	− 1.80	−1 33.2	14 3 50.37	− 1.59	−18 47 57.1	+ 4.0
18	B. D.−13°3845	9	7 58.19	− 0.36	+ 8.35	307 37 53.30	43.180	− 1.80	−1 16.4	14 8 6.18	− 1.52	−13 25 10.2	+ 4.1
19	ι Virginis	9	10 58.48	− 0.34	+ **8.33**	315 27 54.45	47.480	− 1.80	− 57.9	14 11 6.49	....	− 5 33 12.3	....
20	B. D.− 7°3813	9	12 53.66	− 0.35	+ 8.35	313 29 54.92	45.740	− 1.80	−1 2.1	14 13 1.66	− 1.45	− 7 31 55.8	+ 4.2
21	B. D.− 9°3915	9	16 24.73	− 0.35	+ 8.35	311 5 53.92	44.588	− 1.80	−1 7.5	14 16 32.73	− 1.47	− 9 56 28.5	+ 3.9
22	B. D.−11°3736	9	19 31.10	− 0.36	+ 8.35	309 47 53.92	44.305	− 1.80	−1 10.7	14 19 39.09	− 1.48	−11 14 38.2	+ 3.7
23	B. D.− 8°3781	9	23 3.50	− 0.35	+ 8.35	312 41 54.58	45.165	− 1.80	−1 3.8	14 23 11.50	− 1.45	− 8 20 11.0	+ 3.8
24	B. D.−12°4074	9	26 34.09	− 0.36	+ 8.35	308 15 54.35	44.595	− 1.80	−1 14.7	14 26 42.08	− 1.49	−12 46 35.1	+ 3.3
25	B. D.−21°3933	9	30 41.26	− 0.41	+ 8.35	299 15 53.78	47.355	− 1.80	−1 44.8	14 30 49.20	− 1.62	−21 46 2.7	+ 2.3
26	B. D.−13°3944	9	35 17.00	− 0.37	+ 8.35	307 23 53.25	44.728	− 1.80	−1 17.0	14 35 24.98	− 1.49	−13 38 35.5	+ 2.9
27	α Libræ	9	45 34.13	− 0.38	+ **8.34**	305 23 53.08	43.620	− 1.80	−1 22.9	14 45 42.10	....	−15 39 6.9	....
28	B. D.−11°3841	8	52 32.07	− 0.36	+ 8.35	308 57 55.22	47.075	− 1.80	−1 12.9	14 52 40.06	− 1.45	−12 3 35.8	+ 2.3
29	B. D.−19°4000	9	54 34.11	− 0.40	+ 8.35	301 15 53.95	46.065	− 1.80	−1 36.9	14 54 42.06	− 1.55	−19 46 24.1	+ 1.3
30	B. D.−16°3992	9	58 11.92	− 0.38	+ 8.35	304 49 53.05	42.980	− 1.80	−1 24.7	14 58 19.89	− 1.49	−16 13 23.3	+ 1.6
31	γ Libræ	9	30 9.36	− 0.38	+ **8.42**	306 33 52.85	44.880	− 1.78	−1 19.6	15 30 17.32	....	−14 28 35.0	....
32	C. P. D.−24°5537	9	32 40.61	− 0.44	+ 8.34	296 41 53.60	46.045	− 1.78	−1 57.0	15 32 48.51	− 1.52	−24 20 44.9	− 1.3
33	B. D.−22°3996	9	33 42.95	− 0.43	+ 8.34	298 11 52.90	46.275	− 1.78	−1 49.8	15 33 50.86	− 1.49	−22 50 33.2	− 1.1
34	C. P. D.−24°5555	9	40 7.56	− 0.44	+ 8.34	296 37 53.28	44.848	− 1.78	−1 57.4	15 40 15.46	− 1.50	−24 25 13.0	− 1.7
35	B. D.−17°4431	9	44 22.96	− 0.40	+ 8.34	303 25 53.55	44.415	− 1.78	−1 29.4	15 44 30.90	− 1.39	−17 36 54.7	− 0.6
36	C. P. D.−24°5582	9	47 51.52	− 0.44	+ 8.34	295 59 53.52	46.145	− 1.78	−2 0.7	15 47 59.42	− 1.48	−25 2 46.5	− 2.2
37	B. D.−18°4195	9	49 27.72	− 0.41	+ 8.34	301 55 53.28	46.225	− 1.78	−1 34.6	15 49 35.65	− 1.39	−19 6 18.8	− 1.1
38	B. D.−20°4364	8	52 4.16	− 0.42	+ 8.34	300 19 53.60	45.690	− 1.78	−1 40.7	15 52 12.08	− 1.40	−20 42 36.8	− 1.6
39	δ Scorpii	9	54 39.84	− 0.42	+ 8.34	298 41 52.95	44.418	− 1.78	−1 47.6	15 54 47.76	....	−22 21 13.4	....
40	C. P. D.−24°5639	9	58 9.32	− 0.44	+ 8.34	296 35 53.10	42.930	− 1.78	−1 57.7	15 58 17.22	− 1.44	−24 27 57.4	− 2.6
41	β¹ Scorpii	9	59 51.58	− 0.41	+ **8.35**	301 29 52.90	44.848	− 1.78	−1 36.3	15 59 59.51	....	−19 32 52.4	....
42	C. P. D.−23°6332	9	3 0.14	− 0.43	+ 8.34	297 37 53.12	42.465	− 1.78	−1 52.6	16 3 8.05	− 1.40	−23 26 2.9	− 2.6
43	ν Scorpii (*mean*)	9	6 25.20	− 0.41	+ **8.33**	301 49 53.75	44.515	− 1.78	−1 35.1	16 6 33.13	....	−19 12 57.9	....
44	C. P. D.−25°5777	9	9 5.01	− 0.44	+ 8.34	295 49 53.62	42.248	− 1.78	−2 1.7	16 9 12.91	− 1.40	−25 14 16.4	− 3.3
45	B. D.−19°4350	9	11 22.77	− 0.41	+ 8.34	301 9 51.72	46.695	− 1.78	−1 37.5	16 11 30.70	− 1.32	−19 52 12.5	− 2.2
46	B. D.−18°4266	9	14 55.74	− 0.40	+ 8.34	302 35 53.98	42.160	− 1.78	−1 32.4	16 15 3.68	− 1.29	−18 27 48.8	− 2.0
47	C. P. D.−26°5634	9	18 36.75	− 0.45	+ 8.34	294 7 53.30	43.720	− 1.78	−2 11.4	16 18 44.64	− 1.39	−26 55 52.8	− 4.1
48	B. D.−15°4324	9	22 47.27	− 0.39	+ 8.34	305 1 53.38	46.385	− 1.78	−1 24.2	16 22 55.22	− 1.24	−16 0 4.7	− 1.8
49	C. P. D.−26°5659	8	25 29.94	− 0.45	+ 8.34	294 43 53.42	43.442	− 1.78	−2 7.8	16 25 37.83	− 1.35	−26 19 55.4	− 4.3
50	B. D.−15°4340	9	28 34.56	− 0.39	+ 8.34	305 41 52.00	47.195	− 1.78	−1 22.2	16 28 42.51	− 1.20	−15 19 45.5	− 1.8
51	B. D.−16°4317	9	32 6.31	− 0.39	+ 8.34	304 23 53.28	42.625	− 1.78	−1 26.3	16 32 14.26	− 1.20	−16 39 32.8	− 2.2
52	B. D.−15°4369	9	35 35.28	− 0.39	+ 8.34	305 51 52.00	45.555	− 1.78	−1 21.7	16 35 43.23	− 1.18	−15 10 22.5	− 2.0
53	C. P. D.−26°5712	9	37 56.46	− 0.44	+ 8.34	294 25 53.02	44.248	− 1.78	−2 9.6	16 38 4.36	− 1.29	−26 37 39.2	− 4.9
54	C. P. D.−28°5423	8	43 14.17	− 0.47	+ 8.34	292 5 53.60	45.848	− 1.78	−2 24.7	16 43 22.04	− 1.30	−28 57 17.1	− 5.7
55	C. P. D.−26°5738	9	44 15.19	− 0.45	+ 8.34	294 27 53.38	46.942	− 1.78	−2 9.4	16 44 23.08	− 1.26	−26 34 37.1	− 5.1
56	C. P. D.−25°5882	9	48 27.58	− 0.44	+ 8.34	295 21 52.78	47.430	− 1.78	−2 4.2	16 48 35.48	− 1.23	−25 40 21.3	− 5.1
57	24 Ophiuchi	9	51 1.02	− 0.43	+ 8.34	298 3 51.95	42.582	− 1.78	−1 50.7	16 51 8.93	− 1.18	−22 59 59.5	− 4.4
58	C. P. D.−24°5784	9	54 17.16	− 0.44	+ 8.34	296 11 52.72	46.388	− 1.78	−1 59.8	16 54 25.06	− 1.19	−24 50 40.8	− 5.1
59	B. D.−22°4269	9	57 34.17	− 0.43	+ 8.34	298 1 53.12	45.315	− 1.78	−1 50.8	16 57 42.08	− 1.15	−23 0 55.9	− 4.7
60	B. D.−21°4512	9	0 28.14	− 0.42	+ 8.34	299 35 53.55	47.480	− 1.78	−1 43.9	17 0 36.06	− 1.12	−21 25 59.2	− 4.3
61	B. D.−20°4661	9	5 40.79	− 0.41	+ 8.34	300 43 52.85	46.252	− 1.78	−1 39.3	17 5 48.72	− 1.08	−20 18 23.3	− 4.2
62	B. D.−21°4544	9	6 55.11	− 0.42	+ 8.34	299 33 54.02	43.602	− 1.78	−1 44.2	17 7 3.03	− 1.09	−21 29 27.6	− 4.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 13 23	30.06	44.0	43.5
13 49	......	....	43.0
14 5	30.06	43.6	43.0
14 32	......	....	42.8
14 59	30.06	43.1	42.1
15 28	30.06	42.9	41.6
15 52	......	....	41.4
16 16	30.06	41.9	41.0
16 39	......	....	40.9
17 8	30.075	41.2	40.7

Micrometer bisections are made at II, VI, except as noted below.

10, 26, 32, 54, 61. Bisections at I, II.
16, 25, 34, 55, 56, 62. Bisections at II, VII.

Note.

31–62. Conditions rather poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D. −25°5980	9	10 33.77	− 0.44	+ 8.34	295 51 53.58	43.232	− 1.78	−2 1.7	17 10 41.67	− 1.10	−25 11 54.0	− 5.7
2	B. D. −16°4470	9	12 47.44	− 0.39	+ 8.34	304 49 53.08	44.968	− 1.78	−1 25.0	17 12 55.39	− 1.01	−16 12 38.1	− 3.2
3	C. P. D. −24°5873	9	15 48.71	− 0.44	+ 8.34	296 13 53.38	46.580	− 1.78	−1 59.7	17 15 56.61	− 1.07	−24 48 35.7	− 5.8
4	B. D. −15°4534	9	18 4.70	− 0.39	+ 8.34	305 5 52.50	44.302	− 1.78	−1 24.2	17 18 12.65	− 0.98	−15 56 53.1	− 3.3
5	*d* Ophiuchi	9	21 14.21	− 0.47	+ 8.34	291 15 54.15	47.342	− 1.78	−2 31.0	17 21 22.08	.....	−29 46 48.8	....
6	C. P. D. −26°5906	9	25 47.21	− 0.45	+ 8.34	294 51 52.40	43.875	− 1.78	−2 7.3	17 25 55.10	− 1.03	−26 11 46.0	− 6.5
7	B. D. −18°4586	9	31 23.46	− 0.41	+ 8.34	302 5 54.40	47.440	− 1.78	−1 34.2	17 31 31.39	− 0.94	−18 55 49.5	− 4.5
8	C. P. D. −29°4825	9	33 13.91	− 0.47	+ 8.34	291 33 54.50	48.115	− 1.78	−2 28.8	17 33 21.78	− 1.02	−29 28 28.5	− 7.7
9	C. P. D. −30°4874	9	37 21.54	− 0.48	+ 8.34	290 55 54.40	44.885	− 1.78	−2 33.8	17 37 29.40	− 1.00	−30 7 47.5	− 8.0
10	*X* Sagittarii	9	41 31.62	− 0.46	+ 8.34	293 15 53.92	44.705	− 1.78	−2 17.1	17 41 39.50	− 0.95	−27 47 35.4	− 7.4
11	C. P. D. −26°6002	9	44 6.20	− 0.45	+ 8.34	294 15 53.88	46.640	− 1.78	−2 10.8	17 44 14.09	− 0.92	−26 46 44.9	− 7.2
12	B. D. −21°4760	8	46 5.21	− 0.42	+ 8.34	299 59 53.10	47.598	− 1.78	−1 42.4	17 46 13.13	− 0.87	−21 1 55.4	− 5.4
13	9 G. Sagittarii	9	50 16.07	− 0.40	+ 8.34	302 15 53.12	44.212	− 1.78	−1 33.8	17 50 24.01	− 0.83	−18 47 4.2	− 4.8
14	ν Ophiuchi	9	53 43.89	− 0.36	+ **8.34**	311 15 54.08	46.632	− 1.78	−1 7.6	17 53 51.87	.....	− 9 45 41.7	....
	April 16, Br.												
15	Moon II	9	18 43.64	− 0.38	+ 8.21	304 40	......	....	. ....	21 18 51.47	−66.71	.. ..	....
	April 17, Br.												
16	Sun I, N	9	38 6.21	− 0.32	+ 8.22	331 35 47.90	47.922	− 2.33	− 30.9	1 38 14.11	+65.01	+10 35 18.0	....
17	Sun II, S	9	40 16.24	− 0.32	+ 8.22	331 3 54.65	47.968	− 2.33	− 31.6	1 40 24.14	−65.02	+10 3 24.5	....
18	Venus I, C	7	39 49.53	− 0.31	+ 8.22	336 17 55.20	42.985	− 2.80	− 25.0	2 39 57.44	+ 0.38	+15 15 37.5	....
19	Venus II	7	39 50.26	− 0.31	+ 8.22	... .	......	....	....	2 39 58.17	− 0.35	.. ..	....
20	κ Cancri	9	2 32.00	− 0.34	+ **8.23**	332 3 55.58	45.965	− 2.48	− 30.1	9 2 39.88	.....	+11 2 41.3	....
21	θ Hydræ	9	9 21.09	− 0.35	+ **8.29**	323 43 55.42	45.975	− 2.48	− 41.6	9 9 28.96	.....	+ 2 42 29.9	....
22	B. A. C. 7504 S. P.	9	18 8.89	+ 5.32	+ 8.22	54 19 59.60	47.910	− 2.48	+1 19.4	21 18 22.43	.....	+86 38 40.3	....
23	β Cephei S. P.	9	27 17.48	+ 0.96	+ 8.22	70 50 0.65	44.397	− 2.48	+2 43.0	21 27 26.66	.....	+70 8 36.3	....
24	2 Sextantis	9	33 25.93	− 0.34	+ 8.22	326 5 54.58	45.322	− 2.48	− 38.2	9 33 33.81	− 0.62	+ 5 4 17.5	+10.2
25	ε Leonis	9	40 23.79	− 0.34	+ **8.22**	345 13 57.70	44.510	− 2.48	− 15.0	9 40 31.67	.....	+24 12 25.2	....
26	6 Sextantis	9	46 22.71	− 0.36	+ 8.22	317 13 55.55	44.262	− 2.48	− 52.7	9 46 30.57	.....	− 3 48 20.2	....
27	158 B. Cephei S. P.	9	51 31.12	+ 1.11	+ 8.22	67 43 59.72	43.955	− 2.48	+2 18.9	21 51 40.45	.....	+73 15 11.4	....
28	υ² Hydræ	9	0 25.87	− 0.39	+ 8.22	308 25 55.48	44.018	− 2.48	−1 11.8	10 0 33.70	.....	−12 36 45.0	....
29	λ Hydræ	9	5 53.39	− 0.39	+ **8.24**	309 7 55.52	47.012	− 2.48	−1 10.0	10 6 1.22	.....	−11 53 34.7	....
30	ζ Leonis	9	11 20.72	− 0.34	+ **8.25**	344 53 56.58	46.415	− 2.48	− 15.4	10 11 28.60	.....	+23 53 7.2	....
31	29 H. Camelopardalis	9	16 4.63	− 3.29	+ 8.22	45 43 59.20	45.483	− 2.48	+ 58.7	10 16 9.56	.....	+84 44 2.4	....
32	α Antliæ	9	22 44.49	− 0.50	+ 8.22	290 27 54.90	45.212	− 2.48	−2 31.5	10 22 52.21	.....	−30 35 37.9	....
33	ρ Leonis	9	27 44.78	− 0.34	+ **8.21**	330 49 55.08	42.480	− 2.48	− 31.8	10 27 52.66	.....	+ 9 47 19.4	....
34	31 Cephei S. P.	9	33 16.28	+ 1.10	+ 8.22	67 49 59.38	44.260	− 2.48	+2 19.9	22 33 25.60	+ 1.41	+73 9 3.8	+13.1
35	41 Leonis Minoris	9	38 11.39	− 0.34	+ **8.25**	344 41 56.42	45.588	− 2.48	− 15.6	10 38 19.27	.....	+23 40 48.0	....
36	ι Cephei S. P.	9	46 9.88	+ 0.82	+ 8.22	75 16 1.42	43.345	− 2.48	+3 35.2	22 46 18.92	.....	+65 42 7.4	....
37	6 H¹. Draconis	9	52 23.33	− 1.45	+ 8.22	39 16 0.05	47.518	− 2.48	+ 47.0	10 52 30.10	.....	+78 16 38.1	....
38	α Ursæ Majoris	9	57 49.90	− 0.62	+ 8.22	23 15 58.98	45.985	− 2.48	+ 24.8	10 57 57.50	.....	+62 15 40.0	....
39	β Crateris	9	6 55.57	− 0.44	+ 8.22	298 43 54.92	44.845	− 2.48	−1 43.9	11 7 3.35	.....	−22 18 58.7	....
40	237 B. Ursæ Majoris	9	11 17.67	− 0.46	+ 8.22	10 59 57.58	46.070	− 2.48	+ 11.2	11 11 25.43	− 1.12	+49 59 26.9	− 2.8
41	σ Leonis	9	16 10.58	− 0.34	+ **8.24**	327 33 54.75	45.922	− 2.48	− 36.3	11 16 18.46	.....	+ 6 32 33.3	....
42	83 Leonis	9	21 53.07	− 0.35	+ 8.22	324 33 56.22	43.028	− 2.48	− 40.6	11 22 0.94	.....	+ 3 31 24.3	....
43	λ Draconis	9	25 44.68	− 0.85	+ 8.22	30 51 57.78	44.268	− 2.48	+ 34.3	11 25 52.05	.....	+69 51 9.0	....
44	υ Leonis	9	32 1.44	− 0.36	+ **8.24**	320 43 54.92	43.815	− 2.48	− 46.7	11 32 9.30	.....	− 0 18 25.1	....
	April 17, Ei.-Y.												
45	ρ Virginis	9	37 0.92	− 0.33	+ **8.32**	331 45 57.45	47.080	− 2.28	− 30.8	12 37 8.93	.....	+10 45 8.1	....
46	B. D. −11°3366	9	42 42.66	− 0.38	+ 8.34	308 57 56.02	45.785	− 2.28	−1 10.9	12 42 50.62	− 1.45	−12 4 2.9	+ 8.0
47	B. D. − 6°3659	9	45 7.79	− 0.36	+ 8.34	313 53 56.98	47.128	− 2.28	− 59.6	12 45 15.77	− 1.40	− 7 7 20.0	+ 7.5
48	B. D. − 3°3373	9	48 40.62	− 0.35	+ 8.34	317 19 56.10	42.860	− 2.28	− 52.9	12 48 48.61	− 1.37	− 3 42 51.7	+ 7.1
49	δ Virginis	9	50 45.42	− 0.34	+ **8.34**	324 55 56.25	45.615	− 2.28	− 40.3	12 50 53.42	.....	+ 3 54 24.0	....
50	B. D. − 8°3456	9	52 18.96	− 0.37	+ 8.34	312 37 55.50	44.902	− 2.28	−1 2.3	12 52 26.93	− 1.42	− 8 24 15.0	+ 7.3
51	B. D. − 8°3466	9	55 29.42	− 0.37	+ 8.34	312 25 56.40	46.400	− 2.28	−1 2.7	12 55 37.39	− 1.43	− 8 35 40.3	+ 7.2
52	48 Virginis	9	58 57.16	− 0.35	+ 8.34	317 51 56.52	46.218	− 2.28	− 51.9	12 59 5.15	− 1.38	− 3 9 33.6	+ 6.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 17 35	......	....	40.5
17 55	30.085	40.9	40.0
17 1 40	30.14	58.0	58.5
2 40	30.12	60.1	60.2
8 56	30.07	60.0	62.0
9 21	......	....	61.0
9 40	......	....	60.1
9 50	30.07	58.0	....
10 25	......	....	59.1
10 31	......	....	59.0
10 58	......	....	57.2
11 19	......	....	59.1
11 34	30.07	57.1	59.0
12 35	30.07	56.0	56.1

Micrometer bisections are made at II, VI, except as noted below.

6, 11, 45.	Bisections at II, VII.
16, 30.	Bisections at I, II.
17, 33.	Bisections at VI, VII.
18.	Bisections at I, II, VI, VII.
22.	Bisections at b_1, b_3, b_5, b_7, b_9.
23, 31, 34, 36.	Bisections at III, IV, V.
27, 37, 38, 40, 43.	Bisections at III, V.

Notes.

1–14, 39–44.	Conditions poor.
23.	Micrometer reading decreased 1 rev.
34.	Faint.
45–52.	Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+ 4.1	−15 56.7	...	−15 52.6
17	+ 4.2	+15 56.7	...	+16 0.9
18	+ 2.2	.. ....	0.0	+ 2.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 6°3732	9	0 50.51	− 0.36	+ 8.34	313 51 56.22	46.868	− 2.28	− 59.6	13 0 58.49	− 1.42	− 7 9 26.7	+ 6.9
2	B. D.− 8°3491	9	3 31.81	− 0.37	+ 8.34	312 33 55.92	43.032	− 2.28	−1 2.5	13 3 39.78	− 1.44	− 8 28 57.6	+ 6.9
3	B. D.+ 0°3030	9	5 47.59	− 0.35	+ 8.34	321 5 55.72	46.970	− 2.28	− 46.3	13 5 55.58	− 1.36	+ 0 4 48.4	+ 6.2
4	B. D.− 0°2668	9	7 49.44	− 0.35	+ 8.34	319 45 55.28	45.905	− 2.28	− 48.6	13 7 57.43	− 1.38	− 1 15 38.7	+ 6.3
5	B. D.− 2°3659	9	11 0.23	− 0.35	+ 8.34	318 25 57.12	42.710	− 2.28	− 50.9	13 11 8.22	− 1.39	− 2 36 52.1	+ 6.3
6	B. D.+ 0°3040	9	12 34.47	− 0.35	+ 8.34	320 51 56.00	42.478	− 2.28	− 46.8	13 12 42.46	− 1.37	− 0 10 54.5	+ 6.1
7	B. D.− 6°3788	9	15 34.17	− 0.36	+ 8.34	314 1 56.25	46.802	− 2.28	− 59.4	13 15 42.15	− 1.44	− 6 59 28.0	+ 6.4
8	B. D.− 5°3678	9	17 31.47	− 0.36	+ 8.34	315 19 54.92	44.005	− 2.28	− 56.8	13 17 39.45	− 1.43	− 5 42 30.6	+ 6.2
9	α Virginis	9	20 7.94	− 0.37	+ **8.33**	310 21 55.95	44.865	− 2.28	−1 7.5	13 20 15.91	.....	−10 40 20.6	....
10	B. D.− 8°3562	9	23 25.44	− 0.37	+ 8.34	311 45 54.78	46.930	− 2.28	−1 4.3	13 23 33.41	− 1.47	− 9 15 31.4	+ 6.1
11	B. D.− 5°3706	9	25 24.86	− 0.36	+ 8.34	315 3 55.35	42.162	− 2.28	− 57.3	13 25 32.84	− 1.43	− 5 59 12.8	+ 6.0
12	B. D.−11°3535	9	27 19.13	− 0.38	+ 8.34	308 51 55.82	43.680	− 2.28	−1 11.3	13 27 27.09	− 1.50	−12 10 51.6	+ 6.0
13	B. D.−12°3843	9	29 34.11	− 0.38	+ 8.34	308 17 55.45	45.850	− 2.28	−1 12.7	13 29 42.07	− 1.51	−12 44 3.8	+ 5.9
14	B. D.− 8°3602	9	33 16.55	− 0.37	+ 8.33	312 25 55.25	43.298	− 2.28	−1 2.9	13 33 24.51	− 1.47	− 8 36 52.6	+ 5.7
15	B. D.− 5°3747	9	36 2.39	− 0.36	+ 8.33	315 9 54.22	43.330	− 2.28	− 57.2	13 36 10.36	− 1.44	− 5 52 47.2	+ 5.6
16	B. D.−13°3761	9	39 35.74	− 0.39	+ 8.33	307 17 55.60	43.485	− 2.28	−1 15.4	13 39 43.68	− 1.53	−13 45 0.4	+ 5.5
17	B. D.− 5°3762	9	42 24.06	− 0.36	+ 8.33	314 47 54.52	44.810	− 2.28	− 57.9	13 42 32.03	− 1.45	− 6 14 13.7	+ 5.3
18	89 Virginis	9	44 39.41	− 0.40	+ **8.29**	303 21 54.32	46.572	− 2.28	−1 27.1	13 44 47.34	.....	−17 40 2.8	....
19	B. D.− 7°3712	9	45 47.86	− 0.36	+ 8.33	313 43 56.98	42.400	− 2.28	−1 0.1	13 45 55.83	− 1.46	− 7 19 8.6	+ 5.2
20	B. D.−13°3786	9	48 41.21	− 0.39	+ 8.33	306 49 54.68	45.885	− 2.28	−1 16.6	13 48 49.15	− 1.54	−14 12 7.7	+ 5.0
21	B. D.− 7°3728 (*pr.*)	9	49 55.74	− 0.36	+ 8.33	313 25 56.60	45.858	− 2.28	−1 0.7	13 50 3.71	− 1.46	− 7 35 50.5	+ 5.1
22	B. D.−13°3802	9	53 19.39	− 0.39	+ 8.33	307 21 54.58	46.342	− 2.28	−1 15.2	13 53 27.33	− 1.53	−13 39 55.9	+ 4.8
23	B. D.−14°3846	9	55 17.03	− 0.39	+ 8.33	306 31 54.80	46.715	− 2.28	−1 17.5	13 55 24.97	− 1.54	−14 29 49.5	+ 4.7
24	τ Virginis	9	56 45.13	− 0.34	+ **8.31**	323 1 56.45	44.388	− 2.28	− 43.3	13 56 53.12	.....	+ 1 59 53.1	....
25	B. D.− 8°3689	9	59 16.23	− 0.37	+ 8.33	312 13 55.65	44.420	− 2.28	−1 3.3	13 59 24.19	− 1.47	− 8 48 26.9	+ 4.7
26	B. D.−12°3966 (*fol.*)	8	2 53.29	− 0.38	+ 8.33	308 33 56.30	43.885	− 2.28	−1 12.1	14 3 1.24	− 1.52	−12 28 47.3	+ 4.4
27	B. D.−14°3893	9	6 0.39	− 0.39	+ 8.33	306 15 54.88	45.975	− 2.28	−1 18.3	14 6 8.33	− 1.54	−14 46 7.1	+ 4.2
28	B. D.− 5°3837	9	9 20.88	− 0.36	+ 8.33	315 31 55.45	43.375	− 2.28	− 56.5	14 9 28.85	− 1.44	− 5 30 44.2	+ 4.4
29	B. D.−19°3846	9	12 7.97	− 0.42	+ 8.33	301 31 54.52	42.438	− 2.28	−1 33.6	14 12 15.88	− 1.61	−19 31 43.6	+ 3.6
30	λ Virginis	9	13 54.89	− 0.38	+ **8.29**	308 5 56.28	45.025	− 2.28	−1 13.4	14 14 2.84	.....	−12 56 22.5	....
31	B. D.−14°3944	9	18 37.52	− 0.39	+ 8.33	306 29 54.95	46.410	− 2.28	−1 17.7	14 18 45.46	− 1.53	−14 31 56.5	+ 3.6
32	B. D.−16°3867	9	21 40.22	− 0.40	+ 8.33	303 47 55.15	47.132	− 2.28	−1 25.8	14 21 48.15	− 1.57	−17 13 47.9	+ 3.3
33	B. D.−21°3917	9	25 14.41	− 0.43	+ 8.33	298 59 55.02	45.785	− 2.28	−1 43.6	14 25 22.31	− 1.64	−22 2 36.6	+ 2.7
34	B. D.− 9°3962	8	27 26.35	− 0.37	+ 8.33	311 41 55.68	44.050	− 2.28	−1 4.6	14 27 34.31	− 1.46	− 9 20 36.6	+ 3.6
35	B. D.− 9°3975	9	33 50.61	− 0.37	+ 8.33	310 53 55.78	43.152	− 2.28	−1 6.5	14 33 58.57	− 1.47	−10 8 59.0	+ 3.3
36	B. D.−13°3957	9	36 48.33	− 0.38	+ 8.33	307 35 56.30	43.010	− 2.28	−1 14.8	14 36 56.28	− 1.50	−13 27 9.9	+ 2.9
37	B. D.−18°3891	9	40 39.91	− 0.41	+ 8.33	302 27 54.25	44.155	− 2.28	−1 30.4	14 40 47.83	− 1.56	−18 35 1.4	+ 2.2
38	μ Libræ (*brighter*)	9	44 3.39	− 0.39	+ 8.33	307 15 55.62	47.458	− 2.28	−1 15.6	14 44 11.33	− 1.50	−13 45 29.8	+ 2.5
39	B. D.−14°4055	9	47 13.63	− 0.39	+ 8.33	306 1 54.42	45.935	− 2.28	−1 19.1	14 47 21.57	− 1.51	−15 0 9.3	+ 2.3
40	B. D.−19°3979	9	49 39.51	− 0.42	+ 8.33	301 23 53.65	47.450	− 2.28	−1 34.1	14 49 47.42	− 1.57	−19 37 50.4	+ 1.7
41	B. D.−16°3972	9	52 43.33	− 0.40	+ 8.33	304 3 55.35	43.328	− 2.28	−1 25.1	14 52 51.26	− 1.52	−16 59 14.0	+ 1.8
42	B. D.−14°4085	7	54 55.33	− 0.39	+ 8.33	306 41 54.38	42.825	− 2.28	−1 17.3	14 55 3.27	− 1.48	−14 21 18.6	+ 2.0
43	γ Scorpii	9	58 27.74	− 0.45	+ 8.33	296 7 55.12	45.892	− 2.28	−1 57.0	14 58 35.62	.....	−24 54 47.5	....
44	B. D.−15°4026	9	1 16.42	− 0.40	+ 8.33	305 7 54.55	47.492	− 2.28	−1 21.8	15 1 24.35	− 1.49	−15 53 36.3	+ 1.6
45	C. P. D.−25°5557	9	4 38.60	− 0.45	+ 8.33	295 3 55.35	46.938	− 2.28	−2 2.7	15 4 46.48	− 1.64	−25 58 29.0	0.0
46	ι Libræ	9	6 45.31	− 0.42	+ **8.30**	301 35 55.35	46.432	− 2.28	−1 33.5	15 6 53.22	.....	−19 26 11.4	....
	April 17, Bs.												
47	Mercury C, C.	8	28 52.82	− 0.30	+ 8.39	323 17 55.78	43.605	− 2.20	− 42.0	0 29 0.91	− 0.19	+ 2 15 36.1	....
	April 18, Bs.												
48	Sun I, N.	9	41 48.61	− 0.29	+ 8.39	331 57 54.18	45.180	− 2.26	− 29.9	1 41 56.71	+65.09	+10 56 22.6	....
49	Sun II, S.	9	43 58.79	− 0.29	+ 8.39	331 25 55.10	45.450	− 2.26	− 30.6	1 44 6.89	−65.09	+10 24 28.4	....
50	Venus I, C.	7	44 38.83	− 0.28	+ 8.39	336 41 55.55	44.744	− 2.52	− 24.1	2 44 46.94	+ 0.34	+15 40 19.3	....
51	Venus II	7	44 39.48	− 0.28	+ 8.39	... .	......	....	.....	2 44 47.59	− 0.31	.. ..	....
52	226 B. Cephei s. p.	9	30 26.20	+ 1.03	+ 8.32	65 13 56.88	47.235	− 2.56	+2 2.3	22 30 35.55	.....	+75 44 15.9	....
53	33 Sextantis	9	36 30.24	− 0.36	+ 8.32	319 47 53.70	42.390	− 2.56	− 47.7	10 36 38.20	.....	− 1 15 0.0	....
54	37 Sextantis	9	41 5.01	− 0.34	+ 8.32	327 53 55.02	44.455	− 2.56	− 35.4	10 41 12.99	.....	+ 6 52 0.8	....
55	l Leonis	9	44 11.99	− 0.34	+ **8.33**	332 3 54.60	45.462	− 2.56	− 29.9	10 44 19.97	.....	+11 2 28.9	....
56	6 H¹. Draconis	9	52 22.53	− 1.24	+ 8.32	39 15 58.52	47.588	− 2.56	+ 46.4	10 52 29.61	.....	+78 16 37.6	....
57	χ Leonis	9	0 3.13	− 0.34	+ **8.35**	328 51 52.98	45.895	− 2.56	− 34.1	11 0 11.11	.....	+ 7 50 33.0	....
58	δ Leonis	9	8 59.64	− 0.33	+ **8.36**	342 3 54.18	44.460	− 2.56	− 18.3	11 9 7.63	.....	+21 2 17.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 13 5	......	....	56.0
13 30	30.07	55.0	55.1
13 51	......	....	55.2
14 15	30.065	54.2	54.2
14 42	......	....	54.0
15 8	30.065	53.4	53.2
0 29	30.15	66.3	66.8
18 1 44	30.14	67.8	68.1
2 45	30.12	69.1	70.0
10 30	30.035	63.9	64.0
11 0	......	....	63.0

Micrometer bisections are made at II, VI, except as noted below.

15, 16, 25, 36, 37, 44. Bisections at II, VII.
18, 23, 48. Bisections at I, II.
47, 49. Bisections at VI, VII.
50. Bisections at I, II, VI, VII.
52. Bisections at III, V.
56. Bisections at III, IV, V.

Notes.

1-46. Conditions poor
43. Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
47	+ 8.2	.. ....	− 1.3	+ 6.9
48	+ 4.1	−15 57.1	...	−15 53.0
49	+ 4.1	+15 57.1	...	+16 1.2
50	+ 2.1	.. ....	0.0	+ 2.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ξ Ursæ Majoris (*mean*)...	9	13 3.26	− 0.34	+ 8.32	353 3 55.50	47.088	− 2.56	− 6.8	11 13 11.24	.....	+32 3 30.0	....
2	ι Leonis..............	9	18 54.63	− 0.33	+ 8.32	332 3 54.60	46.185	− 2.56	− 30.0	11 19 2.62	− 1.03	+11 2 45.3	+ 6.7
3	39 H. Cephei s. p.	8	27 22.52	+ 4.56	+ 8.32	54 11 58.50	46.804	− 2.56	+1 18.8	23 27 35.40	.....	+86 47 7.5	....
4	o Hydræ..............	9	35 26.36	− 0.52	+ 8.32	286 51 53.35	41.412	− 2.56	−3 4.6	11 35 34.16	− 1.66	−34 13 39.4	+13.9
5	ν Virginis..............	9	40 54.86	− 0.33	+ 8.32	328 5 53.82	42.560	− 2.56	− 35.3	11 41 2.85	− 1.13	+ 7 3 16.4	+ 7.2
6	β Virginis..............	9	45 41.19	− 0.34	+ **8.29**	323 19 54.52	43.585	− 2.56	− 42.2	11 45 49.17	.....	+ 2 17 33.7	....
7	b Virginis..............	9	55 1.24	− 0.33	+ 8.32	325 11 53.30	46.330	− 2.56	− 39.4	11 55 9.23	− 1.19	+ 4 10 38.0	+ 7.5
8	128 H^1. Camelopardalis....	9	0 4.94	− 3.72	+ 8.32	47 5 59.00	47.043	− 2.56	+1 1.3	12 0 9.54	−10.08	+86 6 40.4	− 8.2
9	4 H. Draconis..........	9	7 44.57	− 1.22	+ 8.32	39 7 58.52	47.123	− 2.56	+ 46.4	12 7 51.67	.....	+78 8 27.0	....
10	6 B. Ursæ Minoris.......	8	14 44.60	− 8.19	+ 8.32	49 13 58.20	43.606	− 2.56	+1 6.0	12 14 44.73	.....	+88 13 25.7	....
11	33 H^1. Virginis..........	9	22 55.57	− 0.35	+ 8.32	316 55 53.10	45.770	− 2.56	− 53.0	12 23 3.54	− 1.32	− 4 5 48.6	+ 6.8
12	8 Canum Venaticorum ..	9	29 10.18	− 0.36	+ 8.32	2 53 55.30	43.072	− 2.56	+ 2.9	12 29 18.14	.....	+41 52 7.7	....
13	76 Ursæ Majoris.........	9	37 21.87	− 0.55	+ 8.32	24 15 56.90	41.218	− 2.56	+ 25.7	12 37 29.64	.....	+63 13 49.6	....
14	35 Virginis..............	8	42 57.53	− 0.33	+ **8.33**	325 5 54.35	47.440	− 2.56	− 39.6	12 43 5.52	.....	+ 4 5 4.2	....
15	31 Comæ Berenices.......	9	47 0.59	− 0.33	+ **8.26**	349 3 55.40	46.260	− 2.56	− 10.9	12 47 8.58	.....	+28 3 6.9	....
16	∂ Virginis..............	9	50 45.45	− 0.33	+ **8.30**	324 55 53.22	45.778	− 2.56	− 39.9	12 50 53.43	.....	+ 3 54 24.8	....
17	1 B. Ursæ Minoris s. p. ..	7	56 18.01	+ 9.84	+ 8.31	52 27 57.38	47.198	− 2.56	+1 14.2	0 56 36.16	+30.71	+88 31 3.9	+ 6.2
	April 19, Bs.												
18	ρ Leonis..............	9	27 44.74	− 0.35	+ **8.24**	330 49 53.40	42.540	− 2.42	− 31.2	10 27 52.71	.....	+ 9 47 19.8	....
19	31 Cephei s. p.	4	33 16.29	+ 0.84	+ 8.32	67 49 56.48	44.535	− 2.42	+2 17.1	22 33 25.45	+ 1.30	+73 9 3.1	+13.5
20	41 Leonis Minoris........	9	38 11.32	− 0.36	+ **8.31**	344 41 54.92	45.655	− 2.42	− 15.3	10 38 19.28	.....	+23 40 48.3	....
21	6 H^1. Draconis..........	9	52 22.52	− 1.26	+ 8.32	39 15 58.92	47.598	− 2.42	+ 46.1	10 52 29.58	.....	+78 16 38.1	....
22	α Ursæ Majoris.........	9	57 49.49	− 0.57	+ 8.32	23 15 56.20	46.118	− 2.42	+ 24.3	10 57 57.24	.....	+62 15 39.8	....
23	p^4 Leonis..............	9	1 59.64	− 0.36	+ 8.32	323 29 53.35	44.310	− 2.42	− 41.6	11 2 7.60	.....	+ 2 27 49.8	....
24	237 B. Ursæ Majoris.......	9	11 17.49	− 0.44	+ 8.32	10 59 56.35	46.122	− 2.42	+ 11.0	11 11 25.37	− 1.09	+49 59 26.6	− 3.3
25	σ Leonis..............	9	16 10.51	− 0.36	+ **8.32**	327 33 52.70	46.002	− 2.42	− 35.7	11 16 18.47	.....	+ 6 32 33.7	....
26	λ Draconis..............	9	25 44.25	− 0.76	+ 8.32	30 51 55.68	44.375	− 2.42	+ 33.8	11 25 51.81	.....	+69 51 8.9	....
27	υ Leonis..............	9	32 1.41	− 0.37	+ **8.27**	320 43 52.80	43.900	− 2.42	− 46.1	11 32 9.36	.....	− 0 18 24.6	....
28	3 Draconis..............	9	37 8.27	− 0.68	+ 8.32	28 15 56.52	46.855	− 2.42	+ 30.4	11 37 15.91	.....	+67 16 3.0	....
29	41 H. Cephei s. p.	9	43 13.97	+ 0.64	+ 8.32	73 39 57.30	47.995	− 2.42	+3 11.0	23 43 22.93	.....	+67 16 49.3	....
30	γ Ursæ Majoris.........	8	48 46.92	− 0.47	+ 8.32	15 13 55.62	45.130	− 2.42	+ 15.4	11 48 54.77	.....	+54 13 7.6	....
31	π Virginis..............	9	55 56.64	− 0.36	+ **8.26**	328 9 51.95	45.078	− 2.42	− 34.9	11 56 4.60	.....	+ 7 8 12.6	....
	April 19, Ei.-Y.												
32	ε Virginis..............	9	57 23.32	− 0.35	+ **8.21**	332 29 57.40	43.478	− 1.88	− 29.2	12 57 31.15	.....	+11 27 47.7	....
33	B. D.− 6°3750........	9	4 46.52	− 0.38	+ 8.18	313 51 57.78	47.045	− 1.88	− 58.4	13 4 54.32	− 1.43	− 7 9 19.5	+ 6.8
34	B. D.− 5°3653........	9	7 23.19	− 0.38	+ 8.18	315 1 55.58	44.878	− 1.88	− 56.1	13 7 30.99	− 1.42	− 6 0 8.9	+ 6.6
35	B. D.− 3°3428........	9	8 42.24	− 0.38	+ 8.18	317 9 56.38	43.075	− 1.88	− 52.1	13 8 50.04	− 1.40	− 3 52 45.3	+ 6.4
36	B. D.− 4°3452........	9	11 4.54	− 0.38	+ 8.18	315 51 56.10	44.200	− 1.88	− 54.5	13 11 12.34	− 1.42	− 5 10 22.3	+ 6.4
37	B. D.− 7°3582........	9	12 42.69	− 0.39	+ 8.18	312 47 56.62	44.685	− 1.88	−1 0.6	13 12 50.48	− 1.45	− 8 14 16.8	+ 6.5
38	B. D.−11°3498........	9	17 3.60	− 0.40	+ 8.18	308 57 56.00	42.308	− 1.88	−1 9.4	13 17 11.38	− 1.50	−12 5 20.5	+ 6.5
39	B. D.− 8°3550........	9	20 12.85	− 0.39	+ 8.18	312 43 57.40	45.792	− 1.88	−1 0.7	13 20 20.64	− 1.46	− 8 17 50.8	+ 6.2
40	B. D.− 5°3702........	9	24 3.12	− 0.38	+ 8.18	315 33 55.85	44.555	− 1.88	− 55.0	13 24 10.92	− 1.44	− 5 28 14.9	+ 6.0
41	B. D.− 2°3695........	9	25 53.80	− 0.37	+ 8.18	318 27 56.25	44.890	− 1.88	− 49.7	13 26 1.61	− 1.41	− 2 34 1.6	+ 5.8
42	B. D.−10°3724........	9	33 25.03	− 0.40	+ 8.18	310 23 55.92	46.785	− 1.88	−1 5.8	13 33 32.81	− 1.50	−10 37 34.7	+ 5.8
43	*m* Virginis..............	9	36 34.34	− 0.39	+ **8.14**	312 47 56.95	45.912	− 1.88	−1 0.5	13 36 42.13	.....	− 8 13 48.3	....
44	B. D.− 6°3878........	9	39 54.78	− 0.38	+ 8.18	313 51 57.05	45.790	− 1.88	− 58.3	13 40 2.58	− 1.47	− 7 9 48.8	+ 5.4
45	B. D.−15°3739........	9	42 47.64	− 0.42	+ 8.18	305 25 55.22	46.690	− 1.88	−1 18.7	13 42 55.40	− 1.57	−15 35 50.4	+ 5.4
46	89 Virginis..............	9	44 39.54	− 0.43	+ **8.20**	303 21 55.25	46.408	− 1.88	−1 25.0	13 44 47.29	.....	−17 40 3.2	....
47	B. D.− 4°3580........	9	47 34.83	− 0.38	+ 8.18	316 25 56.35	43.938	− 1.88	− 53.4	13 47 42.63	− 1.44	− 4 36 26.9	+ 5.1
48	B. D.−16°3760........	9	49 8.54	− 0.39	+ 8.18	304 19 56.30	43.375	− 1.88	−1 22.0	13 49 16.33	− 1.59	−16 43 8.4	+ 5.1
49	B. D.−11°3642........	9	53 18.05	− 0.40	+ 8.18	309 25 56.42	45.980	− 1.88	−1 8.2	13 53 25.83	− 1.52	−11 35 55.0	+ 4.9
50	B. D.− 7°3748........	9	55 0.96	− 0.39	+ 8.18	313 19 56.32	44.542	− 1.88	− 59.5	13 55 8.75	− 1.48	− 7 42 19.3	+ 4.9
51	B. D.− 4°3614........	9	59 13.66	− 0.38	+ 8.18	316 5 56.52	45.502	− 1.88	− 54.0	13 59 21.46	− 1.45	− 4 55 51.6	+ 4.7
52	B. D.− 8°3697........	9	1 38.08	− 0.39	+ 8.18	312 9 55.48	45.580	− 1.88	−1 1.9	14 1 45.87	− 1.49	− 8 51 58.8	+ 4.6
53	B. D.−15°3817........	9	5 36.09	− 0.42	+ 8.18	305 9 54.70	47.468	− 1.88	−1 19.5	14 5 43.85	− 1.58	−15 51 34.0	+ 4.3
54	B. D.−11°3693........	9	8 33.72	− 0.40	+ 8.18	309 37 56.18	45.908	− 1.88	−1 7.7	14 8 41.50	− 1.52	−11 23 56.3	+ 4.3
55	B. D.− 8°3737........	9	11 42.93	− 0.39	+ 8.18	312 35 56.02	43.028	− 1.88	−1 1.0	14 11 50.72	− 1.48	− 8 26 55.6	+ 4.2
56	B. D.− 6°3964........	9	12 54.78	− 0.38	+ 8.18	313 55 57.08	44.908	− 1.88	− 58.2	14 13 2.58	− 1.47	− 7 6 8.8	+ 4.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 11 27	30.03	61.6	62.0
12 0	......	....	61.0
12 29	30.025	59.9	60.4
12 56	30.02	59.7	60.0
19 10 28	29.89	66.8	66.0
10 58	......	....	64.3
11 32	29.98	64.3	63.5
11 56	29.875	64.1	63.2
12 55	29.86	62.7	63.1
13 19	......	....	63.4
13 38	29.85	62.1	63.7
14 3	......	....	63.3

Micrometer bisections are made at II, VI, except as noted below.

3.	Bisections at b_2, b_3, b_5, b_8.
8.	Bisections at b_1, b_3, b_5, b_7, b_9.
9.	Bisections at III, IV, V.
10.	Bisections at b_2, b_4, b_5, b_6, b_8.
17.	Bisections at b_1, b_3, b_5, b_7.
19, 22, 26, 28, 29.	Bisections at III, V.
21.	Bisections at III, IV, V.
32, 33, 37, 43.	Bisections at II, VII.
34.	Bisections at I, II.
51, 54.	Bisections at VI, VII.
55.	Bisections at I, VI.

Notes.

19, 40, 41, 49.	Clouds.
25.	One microscope reading decreased 10″.
42.	Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. − 8°3761	9	16 41.03	− 0.39	+ 8.18	312 47 56.55	43.748	− 1.88	−1 0.6	14 16 48.82	− 1.48	− 8 14 38.3	+ 4.0
2	B. D. −12°4042	9	20 5.64	− 0.40	+ 8.18	308 5 56.88	46.605	− 1.88	−1 11.5	14 20 13.42	− 1.53	−12 55 43.5	+ 3.7
3	B. D. − 9°3945	9	23 24.16	− 0.39	+ 8.18	311 27 56.68	42.838	− 1.88	−1 3.5	14 23 31.95	− 1.49	− 9 35 1.8	+ 3.7
4	B. D. −15°3892	9	26 40.17	− 0.42	+ 8.18	305 5 55.40	44.188	− 1.88	−1 19.7	14 26 47.93	− 1.57	−15 56 48.4	+ 3.2
5	B. D. − 7°3874	9	30 41.65	− 0.39	+ 8.18	312 51 57.38	45.640	− 1.88	−1 0.4	14 30 49.44	− 1.47	− 8 9 54.0	+ 3.5
6	B. D. −21°3946	9	35 38.86	− 0.45	+ 8.18	298 49 55.78	44.785	− 1.88	−1 41.6	14 35 46.59	− 1.65	−22 12 56.3	+ 2.3
7	B. D. − 9°3984	9	38 16.89	− 0.39	+ 8.18	311 43 56.20	45.548	− 1.88	−1 2.9	14 38 24.68	− 1.48	− 9 17 59.8	+ 3.2
8	B. D. −20°4093	9	41 46.77	− 0.44	+ 8.18	300 5 56.98	47.308	− 1.88	−1 36.4	14 41 54.51	− 1.62	−20 55 52.3	+ 2.1
9	α Libræ	9	45 34.37	− 0.42	+ **8.18**	305 23 55.28	43.305	− 1.88	−1 18.8	14 45 42.13	.....	−15 39 7.9	....
10	B. D. −21°3985	9	47 49.74	− 0.44	+ 8.18	299 49 55.80	43.850	− 1.88	−1 37.6	14 47 57.48	− 1.62	−21 13 13.7	+ 1.7
11	B. D. −16°3970	9	50 58.97	− 0.42	+ 8.18	304 37 56.10	43.110	− 1.88	−1 21.1	14 51 6.73	− 1.54	−16 25 13.8	+ 2.1
12	C. P. D. −23°6029	9	53 12.42	− 0.46	+ 8.18	297 33 55.48	46.365	− 1.88	−1 47.0	14 53 20.14	− 1.65	−23 28 25.9	+ 1.2
13	B. D. −21°4015	9	56 59.29	− 0.45	+ 8.18	299 23 56.25	45.458	− 1.88	−1 39.2	14 57 7.02	− 1.61	−21 38 38.1	+ 1.2
14	B. D. −19°4019	9	0 20.34	− 0.44	+ 8.18	300 59 55.28	44.180	− 1.88	−1 33.1	15 0 28.08	− 1.58	−20 3 2.1	+ 1.2
15	C. P. D. −23°6073	9	1 41.13	− 0.46	+ 8.18	297 13 56.60	42.538	− 1.88	−1 48.6	15 1 48.85	− 1.64	−23 49 53.8	+ 0.7
16	ι Libræ	9	6 45.42	− 0.44	+ **8.24**	301 35 55.68	46.260	− 1.88	−1 30.8	15 6 53.16	.....	−19 26 11.9	....
17	μ Serpentis	9	44 36.30	− 0.38	+ **8.22**	317 53 58.02	43.348	− 1.92	− 50.8	15 44 44.09	.....	− 3 8 36.2	....
18	B. D. −13°4269	9	46 16.83	− 0.42	+ 8.17	307 11 55.18	43.428	− 1.92	−1 14.0	15 46 24.58	− 1.40	−13 51 0.4	+ 0.1
19	C. P. D. −24°5590	9	48 54.53	− 0.48	+ 8.17	296 5 55.95	42.822	− 1.92	−1 54.3	15 49 2.22	− 1.54	−24 57 53.7	− 2.0
20	B. D. −21°4233	9	51 35.58	− 0.46	+ 8.17	299 49 54.98	45.198	− 1.92	−1 37.7	15 51 43.29	− 1.47	−21 12 43.8	− 1.4
21	B. D. −19°4275	9	53 33.83	− 0.45	+ 8.17	301 21 55.28	46.495	− 1.92	−1 31.9	15 53 41.55	− 1.44	−19 40 8.1	− 1.2
22	B. D. −19°4295	9	57 32.86	− 0.45	+ 8.17	301 27 55.62	44.828	− 1.92	−1 31.6	15 57 40.58	− 1.43	−19 34 45.5	− 1.4
23	C. P. D. −23°6321	9	0 23.55	− 0.47	+ 8.17	297 41 55.68	44.885	− 1.92	−1 46.7	16 0 31.25	− 1.47	−23 20 59.2	− 2.2
24	C. P. D. −25°5748	9	2 17.52	− 0.49	+ 8.17	294 57 56.15	46.768	− 1.92	−2 0.0	16 2 25.20	− 1.51	−26 4 29.1	− 2.9
25	C. P. D. −28°5298	9	6 21.12	− 0.50	+ 8.17	292 53 56.62	42.415	− 1.92	−2 12.3	16 6 28.79	− 1.53	−28 10 20.4	− 3.5
26	C. P. D. −23°6342	9	8 17.71	− 0.47	+ 8.17	297 31 55.82	42.135	− 1.92	−1 47.5	16 8 25.41	− 1.44	−23 32 2.7	− 2.6
27	C. P. D. −23°6351	8	10 41.10	− 0.47	+ 8.17	296 59 55.68	45.488	− 1.92	−1 49.8	16 10 48.80	− 1.44	−24 2 48.6	− 2.9
28	B. D. −15°4300	9	13 58.43	− 0.42	+ 8.17	305 43 55.85	43.370	− 1.92	−1 18.0	16 14 6.18	− 1.32	−15 19 5.0	− 1.2
29	B. D. −16°4280	9	17 23.44	− 0.43	+ 8.17	304 13 56.58	46.750	− 1.92	−1 22.4	16 17 31.18	− 1.33	−16 47 51.5	− 1.6
30	B. D. −18°4282	9	21 27.99	− 0.44	+ 8.17	302 47 55.35	45.132	− 1.92	−1 27.0	16 21 35.72	− 1.33	−18 14 34.3	− 2.1
31	B. D. −14°4433	9	24 21.54	− 0.42	+ 8.17	306 41 55.38	44.352	− 1.92	−1 15.3	16 24 29.29	− 1.28	−14 20 40.4	− 1.3
32	B. D. −20°4506	9	26 47.06	− 0.45	+ 8.17	300 29 55.70	44.282	− 1.92	−1 35.1	16 26 54.78	− 1.33	−20 33 1.4	− 2.8
33	B. D. −19°4381	9	29 10.09	− 0.45	+ 8.17	301 17 55.52	45.118	− 1.92	−1 32.1	16 29 17.81	− 1.32	−19 44 39.5	− 2.7
34	ζ Ophiuchi	9	31 52.34	− 0.40	+ **8.20**	310 39 56.35	44.062	− 1.92	−1 5.3	16 32 0.11	.....	−10 22 36.0	....
35	C. P. D. −26°5701	9	34 19.88	− 0.49	+ 8.17	294 55 56.72	42.392	− 1.92	−2 0.3	16 34 27.56	− 1.37	−26 8 8.8	− 4.4
36	B. D. −21°4403	9	37 20.21	− 0.46	+ 8.17	299 53 55.90	42.368	− 1.92	−1 37.4	16 37 27.92	− 1.30	−21 9 47.3	− 3.3
37	B. D. −16°4344	9	40 33.99	− 0.43	+ 8.17	304 19 56.48	41.982	− 1.92	−1 22.1	16 40 41.73	− 1.24	−16 43 40.2	− 2.4
38	C. P. D. −23°6401	9	44 12.56	− 0.47	+ 8.17	297 45 55.85	44.750	− 1.92	−1 46.3	16 44 20.26	− 1.29	−23 17 1.8	− 4.1
39	B. D. −20°4572	9	47 45.59	− 0.45	+ 8.17	300 47 55.02	43.085	− 1.92	−1 34.0	16 47 53.31	− 1.24	−20 15 28.3	− 3.5
40	B. D. −16°4371	9	50 29.54	− 0.43	+ 8.17	304 23 56.10	42.790	− 1.92	−1 21.9	16 50 37.28	− 1.20	−16 39 21.9	− 2.7
41	C. P. D. −24°5782	9	54 5.80	− 0.48	+ 8.17	296 5 56.10	45.350	− 1.92	−1 54.0	16 54 13.49	− 1.26	−24 56 55.5	− 4.9
42	B. D. −18°4381	9	56 14.65	− 0.44	+ 8.17	302 17 56.42	44.538	− 1.92	−1 28.6	16 56 22.38	− 1.19	−18 44 48.4	− 3.4
43	B. D. −17°4700	9	58 55.55	− 0.43	+ 8.17	303 41 56.70	42.750	− 1.92	−1 24.1	16 59 3.29	− 1.16	−17 21 24.4	− 3.1
44	B. D. −19°4547	9	4 36.33	− 0.45	+ 8.17	301 43 56.20	44.185	− 1.92	−1 30.6	17 4 44.05	− 1.15	−19 18 58.7	− 3.8
45	C. P. D. −27°5594	9	6 25.29	− 0.50	+ 8.17	293 23 56.55	46.615	− 1.92	−2 8.8	17 6 32.96	− 1.24	−27 38 40.9	− 6.1
46	C. P. D. −26°5857	9	9 16.49	− 0.49	+ 8.17	294 37 56.48	44.702	− 1.92	−2 1.8	17 9 24.17	− 1.20	−26 25 17.7	− 5.8
47	C. P. D. −24°5859 (*south*)	9	12 10.11	− 0.47	+ 8.17	296 51 55.92	44.968	− 1.92	−1 50.4	17 12 17.81	− 1.16	−24 11 0.8	− 5.3
48	B. D. −19°4605	9	14 56.43	− 0.44	+ 8.17	301 47 55.35	46.798	− 1.92	−1 30.3	17 15 4.16	− 1.10	−19 13 59.5	− 4.1
49	C. P. D. −28°5626	9	17 20.09	− 0.50	+ 8.17	292 59 58.72	45.728	− 1.92	−2 11.4	17 17 27.76	− 1.18	−28 3 1.6	− 6.6
50	b Ophiuchi	9	20 31.11	− 0.47	+ 8.17	296 57 57.15	44.275	− 1.92	−1 49.9	17 20 38.81	.....	−24 5 14.9	....
51	B. D. −19°4644	9	24 4.11	− 0.45	+ 8.17	301 37 55.28	47.295	− 1.92	−1 30.8	17 24 11.83	− 1.06	−19 23 48.7	− 4.4
52	B. D. −21°4659	9	29 32.42	− 0.46	+ 8.17	299 3 55.78	45.230	− 1.92	−1 40.6	17 29 40.13	− 1.05	−21 58 45.2	− 5.2
53	ξ Serpentis	9	32 5.42	− 0.42	+ **8.20**	305 41 55.08	45.345	− 1.92	−1 18.0	17 32 13.17	.....	−15 20 20.7	....
	April 20, Br.												
54	Sun I, S.	9	49 14.94	− 0.33	+ 8.05	332 7 58.60	44.308	− 2.05	− 28.8	1 49 22.66	+65.24	+11 6 8.4	....
55	Sun II, N.	9	51 25.42	− 0.33	+ 8.05	332 39 55.72	44.095	− 2.05	− 28.1	1 51 33.14	−65.24	+11 38 0.8	....
56	1 H. Draconis	9	23 39.34	− 1.44	+ 8.05	42 46 0.90	42.474	− 1.53	+ 51.5	9 23 45.95	.....	+81 44 49.2	....
57	λ Hydræ	9	5 53.51	− 0.39	+ **8.08**	309 9 55.50	41.655	− 1.53	−1 8.3	10 6 1.16	.....	−11 53 34.5	....
58	22 Sextantis	9	12 50.78	− 0.37	+ 8.04	313 25 56.50	44.992	− 1.53	− 58.8	10 12 58.45	.....	− 7 36 7.7	....
59	χ Leonis	9	0 3.44	− 0.33	+ **8.01**	328 51 56.05	45.675	− 1.53	− 33.6	11 0 11.15	.....	+ 7 50 32.6	....

Time	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 14 24	29.835	61.6	63.2
14 44	....	....	63.3
15 8	29.82	61.3	62.8
15 42	29.81	61.1	62.0
16 6	....	....	62.0
16 35	29.80	60.6	62.3
17 1	....	....	62.3
17 33	29.79	60.4	62.3
20 1 51	29.79	76.1	77.8
9 20	29.73	68.5	67.0
10 6	....	....	65.6
11 0	29.73	66.0	65.1

Micrometer bisections are made at II, VI, except as noted below.

6, 22, 26, 28, 33, 40.	Bisections at II, VII.
14, 54, 58.	Bisections at I, II.
15.	Bisections at II, VI, VII.
55.	Bisections at VI, VII.
56.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

1-53.	Images frequently poor and very unsteady.
1, 10.	Very faint.
12, 38.	Difficult.
56-59.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
54	+ 4.0	+15 56.2	...	+16 0.2
55	+ 4.0	−15 56.2	...	−15 52.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Leonis	9	8 59.93	− 0.32	+ **8.04**	342 3 56.42	44.288	− 1.53	− 18.0	11 9 7.65	.....	+21 2 16.8	....
2	ξ Ursæ Majoris (*mean*)	9	13 3.56	− 0.33	+ 8.04	353 3 58.30	46.910	− 1.53	− 6.7	11 13 11.27	.....	+32 3 29.9	....
3	83 Leonis	9	21 53.26	− 0.34	+ 8.04	324 31 57.22	48.182	− 1.53	− 39.7	11 22 0.96	.....	+ 3 31 24.9	....
4	39 H. Cephei s. p.	9	27 26.00	+ 3.63	+ 8.04	54 12 0.55	46.742	− 1.53	+1 17.5	23 27 37.67	.....	+86 47 7.0	....
5	ν Virginis	9	40 55.13	− 0.34	+ 8.04	328 5 56.35	42.358	− 1.53	− 34.7	11 41 2.83	− 1.12	+ 7 3 16.0	+ 7.0
6	β Virginis	9	45 41.43	− 0.34	+ **8.04**	323 19 57.65	43.372	− 1.53	− 41.5	11 45 49.13	.....	+ 2 17 33.7	....
7	b Virginis	9	55 1.53	− 0.34	+ 8.04	325 11 56.52	46.085	− 1.53	− 38.8	11 55 9.23	− 1.18	+ 4 10 37.2	+ 7.3
	April 21, Bs.												
8	Sun I, S.	6	52 58.55	− 0.31	+ 8.24	332 27 58.40	45.715	− 0.49	− 28.4	1 53 6.48	+65.29	+11 26 42.3	....
9	Sun II, N.	5	55 9.13	− 0.31	+ 8.24	332 59 58.25	45.320	− 0.49	− 27.8	1 55 17.06	−65.29	+11 58 33.1	....
	April 23, Bs.												
10	22 Sextantis	9	12 50.55	− 0.32	+ 8.10	313 25 58.50	44.945	− 0.52	−1 1.5	10 12 58.33	.....	− 7 36 8.5	....
11	30 H. Ursæ Majoris	9	17 15.09	− 0.56	+ 8.10	27 4 0.38	43.060	− 0.52	+ 29.9	10 17 22.63	.....	+66 2 41.6	....
12	36 Ursæ Majoris	8	24 30.15	− 0.40	+ 8.10	17 28 13.55	46.102	− 0.52	+ 18.5	10 24 37.85	.....	+56 27 52.9	....
13	226 B. Cephei s. p.	8	30 26.29	+ 1.14	+ 8.10	65 14 1.62	46.758	− 0.52	+2 6.6	22 30 35.53	.....	+75 44 15.7	....
14	34 Sextantis	9	37 39.27	− 0.29	+ **8.17**	325 5 57.25	45.325	− 0.52	− 40.7	10 37 47.08	.....	+ 4 4 19.7	....
15	37 Sextantis	9	41 5.11	− 0.28	+ 8.10	327 53 57.68	44.302	− 0.52	− 36.6	10 41 12.93	.....	+ 6 52 0.9	....
16	l Leonis	9	44 12.09	− 0.27	+ **8.11**	332 3 58.68	45.242	− 0.52	− 31.0	10 44 19.92	.....	+11 2 28.9	....
17	6 H^1. Draconis	8	52 22.44	− 1.17	+ 8.10	39 16 3.82	47.242	− 0.52	+ 48.0	10 52 29.37	.....	+78 16 38.0	....
18	α Crateris	9	55 5.08	− 0.37	+ **8.04**	303 13 55.62	46.368	− 0.52	−1 29.0	10 55 12.81	.....	−17 48 6.3	....
19	χ Leonis	9	0 3.28	− 0.28	+ **8.09**	328 51 58.48	45.618	− 0.52	− 35.3	11 0 11.10	.....	+ 7 50 33.0	....
20	δ Leonis	9	8 59.79	− 0.27	+ **8.10**	342 3 58.10	44.240	− 0.52	− 18.9	11 9 7.62	.....	+21 2 17.5	....
21	ξ Ursæ Majoris (*mean*)	9	13 3.37	− 0.28	+ 8.10	353 4 0.45	46.808	− 0.52	− 7.1	11 13 11.19	.....	+32 3 30.3	....
22	83 Leonis	9	21 53.10	− 0.29	+ 8.10	324 31 58.62	48.178	− 0.52	− 41.7	11 22 0.91	.....	+ 3 31 25.3	....
23	39 H. Cephei s. p.	9	27 24.78	+ 4.70	+ 8.10	54 12 2.85	46.447	− 0.52	+1 21.4	23 27 37.58	.....	+86 47 7.6	....
24	o Hydræ	9	35 26.53	− 0.50	+ 8.10	286 51 56.92	41.415	− 0.52	−3 11.0	11 35 34.13	− 1.61	−34 13 40.2	+14.5
25	ν Virginis	9	40 54.96	− 0.28	+ 8.10	328 5 57.38	42.395	− 0.52	− 36.5	11 41 2.78	− 1.10	+ 7 3 17.0	+ 6.8
26	β Virginis	9	45 41.30	− 0.29	+ **8.11**	323 19 58.70	43.382	− 0.52	− 43.7	11 45 49.11	.....	+ 2 17 33.8	....
27	b Virginis	9	55 1.41	− 0.29	+ 8.10	325 11 58.00	46.090	− 0.52	− 40.7	11 55 9.22	− 1.16	+ 4 10 37.9	+ 7.1
28	6 B. Ursæ Minoris	5	14 44.12	− 8.22	+ 8.10	49 14 7.45	43.192	− 3.36	+1 8.2	12 14 44.00	.....	+88 13 27.0	....
	April 24, Br.												
29	Sun I, N.	9	4 12.49	− 0.26	+ 7.84	333 59 54.78	46.638	+ 0.82	− 27.8	2 4 20.07	+65.52	+12 59 1.7	....
30	Sun II, S.	9	6 23.53	− 0.26	+ 7.84	333 27 53.95	47.060	+ 0.82	− 28.5	2 6 31.11	−65.52	+12 27 9.2	....
31	π Leonis	9	55 7.96	− 0.31	+ **7.81**	329 31 54.10	43.250	− 0.20	− 33.5	9 55 15.50	.....	+ 8 29 36.6	....
32	υ^2 Hydræ	9	0 26.14	− 0.37	+ 7.85	308 25 53.42	44.055	− 0.20	−1 11.8	10 0 33.62	.....	−12 36 43.9	....
33	λ Hydræ	9	5 53.64	− 0.36	+ **7.87**	309 7 53.28	47.005	− 0.20	−1 10.0	10 6 1.13	.....	−11 53 34.8	....
34	ζ Leonis	9	11 20.98	− 0.30	+ **7.86**	344 53 55.35	46.420	− 0.20	− 15.4	10 11 28.53	.....	+23 53 8.3	....
35	29 H. Camelopardalis	8	16 3.47	− 2.94	+ 7.85	45 43 57.80	45.488	− 0.20	+ 58.8	10 16 8.38	.....	+84 44 3.6	....
36	α Antliæ	9	22 44.78	− 0.48	+ 7.85	290 27 51.50	45.265	− 0.20	−2 31.5	10 22 52.15	.....	−30 35 37.8	....
37	ρ Leonis	9	27 44.97	− 0.31	+ **7.91**	330 49 54.12	42.452	− 0.20	− 31.9	10 27 52.51	.....	+ 9 47 20.0	....
38	31 Cephei s. p.	9	33 17.08	+ 1.02	+ 7.85	67 49 57.50	44.342	− 0.20	+2 19.9	22 33 25.95	+ 0.94	+73 9 1.5	+14.3
39	41 Leonis Minoris	9	38 11.67	− 0.30	+ **7.84**	344 41 54.08	45.650	− 0.20	− 15.6	10 38 19.22	.....	+23 40 49.3	....
40	ι Cephei s. p.	9	46 10.62	+ 0.78	+ 7.85	75 15 59.65	43.433	− 0.20	+3 35.0	22 46 19.25	.....	+65 42 5.0	....
41	6 H^1. Draconis	9	52 23.12	− 1.29	+ 7.85	39 15 58.68	47.570	− 0.20	+ 46.9	10 52 29.68	.....	+78 16 40.2	....
42	α Ursæ Majoris	9	57 50.01	− 0.54	+ 7.85	23 15 57.12	46.038	− 0.20	+ 24.7	10 57 57.32	.....	+62 15 41.5	....
43	p^4 Leonis	9	1 59.99	− 0.32	+ 7.85	323 29 53.82	44.240	− 0.20	− 42.3	11 2 7.52	.....	+ 2 27 50.2	....
44	237 B. Ursæ Majoris	9	11 17.88	− 0.40	+ 7.85	10 59 57.00	46.082	− 0.20	+ 11.2	11 11 25.33	− 1.00	+49 59 28.9	− 4.4
45	σ Leonis	9	16 10.89	− 0.31	+ **7.85**	327 33 52.95	45.938	− 0.20	− 36.3	11 16 18.43	.....	+ 6 32 34.1	....
46	83 Leonis	9	21 53.35	− 0.32	+ 7.85	324 33 54.72	43.052	− 0.20	− 40.7	11 22 0.88	.....	+ 3 31 25.5	....
47	υ Leonis	9	32 1.76	− 0.33	+ **7.84**	320 43 52.82	43.868	− 0.20	− 46.8	11 32 9.28	.....	− 0 18 23.8	....
48	3 Draconis	9	37 8.73	− 0.66	+ 7.85	28 15 57.42	46.798	− 0.20	+ 30.9	11 37 15.92	.....	+67 16 5.4	....
49	41 H. Cephei s. p.	9	43 14.71	+ 0.81	+ 7.85	73 39 58.30	47.747	− 0.20	+3 14.4	23 43 23.37	.....	+67 16 48.4	....
50	γ Ursæ Majoris	9	48 47.40	− 0.43	+ 7.85	15 13 56.22	45.100	− 0.20	+ 15.7	11 48 54.82	.....	+54 13 10.2	....
51	π Virginis	9	55 56.97	− 0.31	+ **7.86**	328 9 52.48	45.005	− 0.20	− 35.6	11 56 4.51	.....	+ 7 8 13.0	....
52	14 H^1. Draconis	9	0 25.62	− 1.20	+ 7.85	38 25 57.08	46.125	− 0.20	+ 45.7	12 0 32.27	− 2.98	+77 26 4.3	− 8.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 11 31	......	....	65.0
12 2	29.73	64.5	63.8
21 1 55	29.645	73.3	74.0
23 10 13	29.73	44.1	43.0
10 44	......	....	41.8
11 13	29.735	42.9	41.2
11 55	29.730	41.8	40.0
12 19	......	....	40.0
24 2 6	29.70	52.1	52.2
9 53	29.61	52.1	52.0
10 21	......	....	51.2
10 38	......	....	51.0
11 2	29.60	50.1	50.1
11 41	......	....	49.4

Micrometer bisections are made at II, VI, except as noted below.

3, 7, 8, 29, 34.	Bisections at I, II.
4, 23.	Bisections at b_1, b_3, b_5, b_7, b_9.
9, 30.	Bisection at VII.
11, 12, 13, 41, 42, 44, 48, 50, 52.	Bisections at III, V.
28.	Bisections at b_3, b_5, b_7.
31.	Bisections at VI, VII.
35.	Bisections at b_2, b_5, b_8.
38, 40, 49.	Bisections at III, IV, V.

Notes.

1–7.	Clouds.
8, 9.	Circle reading decreased 1°.
10–28.	High wind causing vibration of telescope.
26, 33, 35.	Faint.
28.	Two microscopes used.
36.	Diffuse and unsteady.
49.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 4.0	+15 55.3	...	+15 59.3
9	+ 3.9	−15 55.4	...	−15 51.5
29	+ 3.8	−15 56.2	...	−15 52.4
30	+ 3.9	+15 56.2	...	+16 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	10 Virginis	9	4 45.97	− 0.32	+ 7.85	323 27 53.15	43.235	− 0.20	− 42.5	12 4 53.50	− 1.20	+ 2 25 26.4	+ 7.2
	April 24, Ei.-Y.												
2	θ Virginis	9	4 58.69	− 0.36	+ **8.01**	315 59 53.15	44.410	− 0.41	− 55.4	13 5 6.30	.....	− 5 2 19.9	....
3	B. D. −12°3785	9	11 54.53	− 0.38	+ 7.97	308 21 53.68	46.410	− 0.41	−1 12.4	13 12 2.12	− 1.52	−12 39 50.6	+ 6.9
4	α Virginis	9	20 8.32	− 0.38	+ **7.98**	310 21 53.60	44.900	− 0.41	−1 7.4	13 20 15.91	.....	−10 40 20.2	....
5	B. D. −9°3711	9	27 54.87	− 0.37	+ 7.97	311 21 53.68	43.235	− 0.41	−1 5.2	13 28 2.47	− 1.50	− 9 40 56.0	+ 5.9
6	B. D. −4°3515	9	30 31.72	− 0.36	+ 7.97	316 5 53.48	47.530	− 0.41	− 55.2	13 30 39.33	− 1.46	− 4 55 8.1	+ 5.5
7	m Virginis	9	36 34.52	− 0.37	+ **7.97**	312 47 53.68	46.062	− 0.41	−1 1.9	13 36 42.12	.....	− 8 13 48.1	....
8	B. D. − 4°3540	9	38 54.57	− 0.36	+ 7.97	315 59 53.62	46.265	− 0.41	− 55.4	13 39 2.18	− 1.47	− 5 1 37.0	+ 5.2
9	B. D. − 8°3639	9	42 9.17	− 0.37	+ 7.97	311 47 52.70	44.635	− 0.41	−1 4.2	13 42 16.77	− 1.52	− 9 14 23.9	+ 5.3
10	B. D. −14°3806	9	43 44.36	− 0.39	+ 7.97	306 47 52.70	42.300	− 0.41	−1 16.7	13 43 51.94	− 1.58	−14 15 29.8	+ 5.4
11	B. D. − 5°3774	9	47 52.79	− 0.36	+ 7.97	314 59 53.40	46.428	− 0.41	− 57.4	13 48 0.40	− 1.49	− 6 1 35.5	+ 5.0
12	B. D. − 8°3667	9	50 43.33	− 0.37	+ 7.97	311 55 52.90	45.638	− 0.41	−1 3.9	13 50 50.93	− 1.52	− 9 6 0.6	+ 5.0
13	B. D. −17°3971	9	53 48.22	− 0.41	+ 7.97	302 51 52.88	46.675	− 0.41	−1 28.6	13 53 55.78	− 1.64	−18 10 1.5	+ 5.0
14	B. D. −16°3785	9	57 50.95	− 0.41	+ 7.97	304 7 53.32	44.108	− 0.41	−1 24.5	13 57 58.51	− 1.63	−16 54 55.7	+ 4.8
15	B. D. −15°3805	9	0 0.61	− 0.40	+ 7.97	305 9 51.25	43.302	− 0.41	−1 21.4	14 0 8.18	− 1.61	−15 53 13.1	+ 4.7
16	B. D. −11°3671	9	3 20.66	− 0.36	+ 7.97	309 39 53.62	43.145	− 0.41	−1 9.2	14 3 28.27	− 1.55	−11 23 2.1	+ 4.5
17	B. D. − 9°3877	9	7 26.71	− 0.37	+ 7.97	311 33 53.52	46.860	− 0.41	−1 4.7	14 7 34.31	− 1.53	− 9 27 32.8	+ 4.3
18	B. D. −17°4046	9	10 7.22	− 0.41	+ 7.97	303 15 52.85	47.192	− 0.41	−1 27.3	14 10 14.78	− 1.64	−17 45 48.5	+ 4.2
19	B. D. − 8°3740	9	12 16.88	− 0.37	+ 7.97	312 27 53.42	42.215	− 0.41	−1 2.7	14 12 24.48	− 1.53	− 8 35 17.1	+ 4.1
20	B. D. − 6°3972	9	14 50.63	− 0.36	+ 7.97	314 43 52.88	43.142	− 0.41	− 58.0	14 14 58.24	− 1.50	− 6 18 51.7	+ 4.0
21	B. D. −12°4037	9	18 37.76	− 0.38	+ 7.97	308 31 53.70	43.638	− 0.41	−1 12.0	14 18 45.35	− 1.57	−12 30 53.6	+ 3.8
22	B. D. −14°3959	9	22 8.20	− 0.39	+ 7.97	306 37 51.60	43.798	− 0.41	−1 17.1	14 22 15.78	− 1.60	−14 24 57.1	+ 3.6
23	B. D. −20°4043	9	25 28.63	− 0.43	+ 7.96	300 43 52.98	46.955	− 0.41	−1 36.3	14 25 36.16	− 1.68	−20 18 2.8	+ 3.3
24	B. D. −18°3853	9	28 47.79	− 0.42	+ 7.96	301 55 52.80	45.835	− 0.41	−1 31.9	14 28 55.33	− 1.66	−19 6 24.1	+ 3.1
25	B. D. −17°4138	9	34 3.26	− 0.41	+ 7.96	303 33 53.15	44.212	− 0.41	−1 26.4	14 34 10.81	− 1.64	−17 28 55.4	+ 2.9
26	B. D. −11°3789	9	36 50.14	− 0.38	+ 7.96	309 11 53.48	45.835	− 0.41	−1 10.3	14 36 57.72	− 1.56	−11 50 1.9	+ 3.0
27	B. D. −14°4023	9	40 40.67	− 0.40	+ 7.96	305 57 52.60	46.675	− 0.41	−1 18.9	14 40 48.23	− 1.60	−15 3 52.1	+ 2.7
28	B. D. − 8°3841	9	44 38.27	− 0.37	+ 7.96	312 13 53.75	43.588	− 0.41	−1 3.2	14 44 45.86	− 1.52	− 8 48 45.8	+ 2.9
29	B. D. −12°4156	9	47 41.23	− 0.38	+ 7.96	308 45 53.82	47.270	− 0.41	−1 11.4	14 47 48.81	− 1.56	−12 15 29.8	+ 2.6
30	B. D. −13°4015	8	50 37.34	− 0.39	+ 7.96	307 31 53.68	42.955	− 0.41	−1 14.7	14 50 44.91	− 1.57	−13 31 11.9	+ 2.4
31	B. D. −10°3994	9	53 1.65	− 0.38	+ 7.96	310 15 53.85	44.018	− 0.41	−1 7.8	14 53 9.23	− 1.54	−10 46 40.5	+ 2.4
32	B. D. −18°3945	9	54 58.32	− 0.42	+ 7.96	302 47 52.92	43.530	− 0.41	−1 28.9	14 55 5.86	− 1.63	−18 15 13.7	+ 1.8
33	B. D. −14°4102	9	58 49.69	− 0.40	+ 7.96	305 55 52.40	47.255	− 0.41	−1 19.1	14 58 57.25	− 1.58	−15 5 39.3	+ 1.9
34	B. D. −12°4198	9	1 18.74	− 0.38	+ 7.96	308 29 53.92	44.430	− 0.41	−1 12.1	15 1 26.32	− 1.55	−12 32 35.4	+ 2.0
35	B. D. −17°4263	9	4 47.09	− 0.41	+ 7.96	303 19 53.25	46.805	− 0.41	−1 27.1	15 4 54.64	− 1.61	−17 41 56.7	+ 1.4
36	B. D. −19°4055	9	7 51.83	− 0.42	+ 7.96	301 43 53.02	47.835	− 0.41	−1 32.6	15 7 59.37	− 1.63	−19 17 38.9	+ 1.1
37	B. D. −12°4227	9	11 31.99	− 0.38	+ 7.96	308 19 53.95	47.125	− 0.41	−1 12.6	15 11 39.57	− 1.54	−12 41 34.2	+ 1.6
38	C. P. D. −25°5606	9	15 0.72	− 0.46	+ 7.96	295 23 52.35	46.132	− 0.41	−2 0.4	15 15 8.22	− 1.72	−25 38 46.3	0.0
39	B. D. −20°4224	9	18 39.13	− 0.43	+ 7.96	300 31 52.72	45.738	− 0.41	−1 37.1	15 18 46.66	− 1.63	−20 30 31.6	+ 0.4
40	B. D. −20°4233	9	20 33.03	− 0.43	+ 7.96	299 59 53.05	44.570	− 0.41	−1 39.3	15 20 40.56	− 1.63	−21 3 0.2	+ 0.3
41	32 Libræ	9	22 51.23	− 0.40	+ **7.95**	304 37 53.18	48.168	− 0.41	−1 23.0	15 22 58.79	.....	−16 23 21.5	....
42	B. D. −19°4128	9	26 12.83	− 0.42	+ 7.96	301 11 52.38	45.408	− 0.41	−1 34.7	15 26 20.37	− 1.60	−19 50 37.1	+ 0.1
43	B. D. −22°3975	9	27 37.93	− 0.45	+ 7.96	297 53 53.18	45.430	− 0.41	−1 48.2	15 27 45.44	− 1.65	−23 8 49.3	− 0.4
44	γ Libræ	9	30 9.93	− 0.39	+ **7.99**	306 33 52.52	44.710	− 0.41	−1 17.4	15 30 17.50	.....	−14 28 35.6	....
45	B. D. −20°4285	9	32 42.38	− 0.43	+ 7.96	300 19 52.78	46.240	− 0.41	−1 38.0	15 32 49.91	− 1.60	−20 42 21.0	− 0.3
46	C. P. D. −23°6241	9	34 37.43	− 0.45	+ 7.96	297 31 52.98	45.710	− 0.41	−1 49.9	15 34 44.94	− 1.64	−23 30 44.8	− 0.8
47	B. D. −12°4320	9	37 49.68	− 0.38	+ 7.96	308 15 54.05	47.912	− 0.41	−1 12.8	15 37 57.26	− 1.49	−12 45 16.3	+ 0.5
48	α Serpentis	9	39 32.02	− 0.33	+ **7.92**	327 43 53.58	47.665	− 0.41	− 36.3	15 39 39.65	.....	+ 6 43 14.0	....
49	λ Ophiuchi	9	26 4.01	− 0.34	+ **7.92**	323 11 55.00	48.202	− 0.41	− 43.0	16 26 11.63	.....	+ 2 11 21.0	....
	April 25, Bs.												
50	Sun I, N	9	7 57.78	− 0.30	+ 8.07	334 19 56.88	45.898	+ 0.79	− 26.4	2 8 5.55	+65.63	+13 18 48.3	....
51	Sun II, S	9	10 9.04	− 0.30	+ 8.07	333 47 55.65	46.300	+ 0.79	− 27.1	2 10 16.81	−65.63	+12 46 55.0	....
	April 26, Br.												
52	Mercury C, C	9	42 47.49	− 0.27	+ 7.72	322 59 49.50	45.495	+ 6.05	− 40.9	0 42 54.94	− 0.14	+ 1 58 22.2	....
	April 27, Br.												
53	Moon I	9	25 38.59	− 0.27	+ 7.71	339 50	......	....	.....	5 25 46.03	+64.92	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 12 8	29.60	48.9	49.1
13 3	29.59	47.9	48.5
13 23	.....	....	48.0
13 54	29.59	47.0	48.1
14 23	.....	....	47.9
14 48	29.575	46.7	47.9
15 16	.....	....	47.3
15 41	29.56	45.9	46.4
16 21	29.55	45.0	46.8
25 2 10	29.41	64.0	65.8
26 0 43	29.52	71.9	74.6

Micrometer bisections are made at II, VI, except as noted below.

2, 4, 6, 16, 30, 39, 41, 43, 48.	Bisections at II, VII.
9, 51.	Bisections at VI, VII.
42.	Bisections at I, III.
47.	Bisections at II, VI, VII.
50.	Bisections at I, II.
52.	Bisections at I, II, VI, VII.

Notes.

2–33. Conditions rather poor.

34–49. Somewhat unsteady; thick.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
50	+ 3.7	−15 56.6	...	−15 52.9
51	+ 3.8	+15 56.6	...	+16 0.4
52	+ 7.1	.. ....	− 1.1	+ 6.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	34 Sextantis	9	37 39.74	− 0.34	+ **7.70**	325 5 48.32	45.440	+ 3.28	− 38.3	10 37 47.10	.....	+ 4 4 19.6	....
2	*l* Leonis	9	44 12.49	− 0.33	+ **7.72**	332 3 48.70	45.435	+ 3.28	− 29.2	10 44 19.86	.....	+11 2 28.9	....
3	6 H¹. Draconis	9	52 22.79	− 1.02	+ 7.69	39 15 53.05	47.723	+ 3.28	+ 45.2	10 52 29.46	.....	+78 16 39.9	....
4	β Ursæ Majoris	8	56 4.24	− 0.42	+ 7.69	17 53 50.48	45.505	+ 3.28	+ 17.9	10 56 11.51	.....	+56 53 19.4	....
5	χ Leonis	9	0 3.68	− 0.33	+ **7.70**	328 51 48.12	45.845	+ 3.28	− 33.3	11 0 11.04	.....	+ 7 50 33.6	....
6	δ Leonis	9	9 0.14	− 0.32	+ **7.76**	342 3 48.50	44.460	+ 3.28	− 17.8	11 9 7.51	.....	+21 2 17.8	....
7	ξ Ursæ Majoris (*mean*)	9	13 3.76	− 0.33	+ 7.69	353 3 49.58	47.115	+ 3.28	− 6.7	11 13 11.12	.....	+32 3 30.6	....
8	83 Leonis	9	21 53.51	− 0.34	+ 7.69	324 31 48.80	48.330	+ 3.28	− 39.3	11 22 0.86	.....	+ 3 31 25.1	....
9	39 H. Cephei s. P.	8	27 28.28	+ 3.62	+ 7.69	54 11 51.08	47.057	+ 3.28	+1 16.8	23 27 39.59	.....	+86 47 5.3	....
10	ν Virginis	9	40 55.41	− 0.33	+ 7.69	328 5 47.08	42.550	+ 3.28	− 34.4	11 41 2.77	− 1.07	+ 7 3 16.2	+ 6.5
11	β Virginis	9	45 41.77	− 0.34	+ **7.66**	323 19 48.50	43.552	+ 3.28	− 41.2	11 45 49.12	.....	+ 2 17 33.7	....
12	*b* Virginis	9	55 1.83	− 0.34	+ 7.69	325 11 48.35	46.240	+ 3.28	− 38.4	11 55 9.18	− 1.14	+ 4 10 37.8	+ 6.9
13	128 H¹. Camelopardalis	8	0 4.90	− 3.01	+ 7.69	47 5 53.90	47.150	+ 3.28	+ 59.8	12 0 9.58	− 8.42	+86 6 42.2	−10.6
14	4 H. Draconis	9	7 44.93	− 1.01	+ 7.69	39 7 53.05	47.288	+ 3.28	+ 45.3	12 7 51.61	.....	+78 8 30.0	....
15	6 B. Ursæ Minoris	6	14 43.12	− 6.59	+ 7.69	49 13 53.02	43.717	+ 3.28	+1 4.5	12 14 44.22	.....	+88 13 27.6	....
16	20 Comæ Berenices	9	24 53.77	− 0.32	+ 7.69	342 25 48.12	46.228	+ 3.28	− 17.5	12 25 1.14	.....	+21 24 58.1	....
17	319 B. Cephei s. P.	9	32 25.09	+ 1.44	+ 7.69	58 59 51.52	48.463	+ 3.28	+1 32.5	0 32 34.22	+ 4.55	+81 58 17.1	+ 8.6
18	76 Ursæ Majoris	5	37 22.42	− 0.49	+ 7.69	24 15 52.72	41.305	+ 3.28	+ 25.1	12 37 29.62	.....	+63 13 52.8	....
19	31 Comæ Berenices	9	47 1.16	− 0.32	+ **7.66**	349 3 49.70	46.295	+ 3.28	− 10.7	12 47 8.53	.....	+28 3 8.0	....
20	δ Virginis	9	50 46.04	− 0.34	+ **7.72**	324 55 48.90	45.670	+ 3.28	− 38.9	12 50 53.39	.....	+ 3 54 24.8	....
21	17 Canum Venaticorum	9	5 38.32	− 0.34	+ 7.69	359 59 49.82	47.930	+ 3.28	+ 0.1	13 5 45.67	− 1.36	+38 59 56.4	− 0.4
22	19 Canum Venaticorum	9	11 12.54	− 0.34	+ 7.69	2 21 49.62	45.745	+ 3.28	+ 2.4	13 11 19.89	− 1.40	+41 21 8.5	− 0.7
23	23 Canum Venaticorum	9	16 0.41	− 0.34	+ 7.69	1 39 50.15	44.512	+ 3.28	+ 1.7	13 16 7.76	− 1.40	+40 38 40.2	− 0.5
24	α Virginis	9	20 8.57	− 0.38	+ **7.74**	310 21 47.25	44.888	+ 3.28	−1 5.2	13 20 15.88	.....	−10 40 20.9	....
	April 27, Bs.												
25	151 H¹. Cephei s. P.	9	6 27.11	+ 2.44	+ 7.94	55 41 52.52	43.211	+ 2.74	+1 22.3	4 6 37.49	.....	+85 18 26.8	....
26	ε Ursæ Minoris	9	55 34.34	− 1.45	+ 7.93	43 11 54.35	44.361	+ 2.74	+ 52.8	16 55 40.82	.....	+82 11 31.4	....
27	98 H¹. Herculis	9	4 36.51	− 0.32	+ 7.93	1 39 51.00	43.360	+ 2.74	+ 1.7	17 4 44.12	− 1.40	+40 38 14.1	+ 6.3
28	δ Herculis	6	11 3.79	− 0.30	+ **7.97**	345 57 51.45	45.872	+ 2.74	− 14.0	17 11 11.42	.....	+24 56 56.3	....
29	*w* Herculis	9	17 2.22	− 0.31	+ 7.93	353 35 51.22	46.300	+ 2.74	− 6.2	17 17 9.84	.....	+32 35 13.6	....
30	*d* Ophiuchi	9	21 15.01	− 0.49	+ 7.93	291 15 49.60	46.988	+ 2.74	−2 23.0	17 21 22.45	.....	−29 46 48.9	....
31	*x* Herculis	9	24 8.61	− 0.34	+ 7.93	9 21 51.82	42.970	+ 2.74	+ 9.3	17 24 16.20	− 1.48	+48 20 13.5	+ 7.6
32	ν¹ Draconis	7	30 13.62	− 0.38	+ 7.93	16 15 52.38	44.105	+ 2.74	+ 16.5	17 30 21.17	− 1.65	+55 14 47.2	+ 8.2
33	β Ophiuchi	9	38 43.27	− 0.32	+ **7.89**	325 37 48.50	45.562	+ 2.74	− 38.5	17 38 50.88	.....	+ 4 36 21.8	....
34	μ Herculis	9	42 40.26	− 0.30	+ **7.96**	348 47 51.05	44.462	+ 2.74	− 11.1	17 42 47.89	.....	+27 46 26.6	....
35	[illegible] G. Sagittarii	6	50 16.83	− 0.41	+ 7.93	302 15 48.70	44.000	+ 2.74	−1 28.9	17 50 24.35	− 1.13	−18 47 4.0	− 5.1
36	35 Draconis	9	53 35.70	− 0.88	+ 7.93	37 59 53.72	41.910	+ 2.74	+ 44.1	17 53 42.75	.....	+76 58 26.1	....
37	70 Ophiuchi (*brighter*)	9	0 35.69	− 0.33	+ 7.93	323 33 49.90	42.815	+ 2.74	− 41.6	18 0 43.29	.....	+ 2 31 17.3	....
38	72 Ophiuchi	9	2 46.99	− 0.31	+ **7.92**	330 33 49.95	46.895	+ 2.74	− 31.7	18 2 54.61	.....	+ 9 33 0.5	....
39	102 Herculis	9	4 37.64	− 0.30	+ 7.93	341 49 49.30	43.472	+ 2.74	− 18.5	18 4 45.27	− 1.02	+20 47 54.8	+ 4.8
40	Groombridge 1004 s. P.	5	10 17.26	+ 3.53	+ 7.93	54 13 53.82	45.530	+ 2.74	+1 18.4	6 10 28.72	+12.53	+86 45 36.6	− 8.4
41	η Serpentis	9	16 20.17	− 0.34	+ **7.84**	318 5 50.08	46.710	+ 2.74	− 50.5	18 16 27.76	.....	− 2 55 22.3	....
42	μ Lyræ	9	21 1.49	− 0.32	+ 7.93	0 27 51.32	46.000	+ 2.74	+ 0.5	18 21 9.10	− 1.10	+39 27 13.5	+ 8.5
43	3 H. Scuti	9	29 58.91	− 0.36	+ **7.86**	312 43 50.38	44.092	+ 2.74	−1 0.9	18 30 6.48	.....	− 8 18 32.3	....
44	α Lyræ	9	33 38.82	− 0.32	+ 7.93	359 43 51.70	41.848	+ 2.74	− 0.2	18 33 46.43	.....	+38 41 38.3	....
45	4 H. Scuti	9	37 0.94	− 0.36	+ **7.96**	311 53 49.05	44.348	+ 2.74	−1 2.7	18 37 8.51	.....	− 9 8 29.5	....
46	43 Camelopardalis s. P.	9	43 24.17	+ 0.57	+ 7.93	71 57 54.30	45.648	+ 2.74	+2 52.3	6 43 32.67	+ 1.56	+68 59 59.2	− 6.8
47	Mercury C, C	9	45 31.59	− 0.33	+ 7.91	323 9 50.02	45.041	+ 2.25	− 41.5	0 45 39.17	− 0.13	+ 2 8 8.0	....
	April 28, Bs.												
48	Sun I, S	9	19 17.46	− 0.30	+ 7.91	334 43 48.72	51.588	+ 2.35	− 26.0	2 19 25.07	+65.75	+13 44 52.1	....
49	Sun II, N	9	21 28.97	− 0.30	+ 7.91	335 17 48.72	45.990	+ 2.35	− 25.4	2 21 36.58	−65.76	+14 16 44.2	....
50	Venus I, C	7	33 52.06	− 0.30	+ 7.91	340 23 48.75	47.589	+ 2.56	− 19.6	3 33 59.67	+ 0.35	+19 23 27.1	....
51	Venus II	7	33 52.72	− 0.30	+ 7.91	... .	......	....	. ....	3 34 0.33	− 0.31	.. ..	....
52	Moon I, N	9	17 57.00	− 0.29	+ 7.90	340 55 47.90	49.120	+ 2.56	− 18.9	6 18 4.61	+65.74	+19 56 2.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 10 38	29.57	68.7	69.0
11 5	....	....	67.9
11 31	29.58	67.0	67.1
12 20	....	....	64.8
12 54	....	....	65.0
13 23	29.59	64.0	64.9
16 6	29.60	60.2	60.2
16 56	29.61	60.0	60.8
17 43	29.62	58.9	58.1
18 10	....	....	58.1
18 43	29.635	58.1	58.0
0 46	29.755	68.1	68.0
28 2 21	29.755	70.0	70.2
3 34	29.755	71.7	71.2
6 18	29.77	73.6	74.0

Micrometer bisections are made at II, VI, except as noted below.

3, 14, 17, 36.	Bisections at III, IV, V.
4.	Bisections at b_3, b_7.
8, 12, 48.	Bisections at I, II.
9.	Bisections at b_2, b_5, b_8.
13, 40.	Bisections at b_3, b_5, b_7.
15.	Bisections at b_4, b_5, b_6.
16, 24, 49.	Bisections at VI, VII.
18.	Bisections at b_7, b_9.
21, 22, 23, 28.	Bisections at III, V.
25, 26.	Bisections at b_1, b_3, b_5, b_7, b_9.
47, 50.	Bisections at I, II, VI, VII.
52.	Bisections at I, II, III, VI.

Notes.

17. Unsteady.
19. One microscope reading decreased 10″.
37. Assumed that brighter was observed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
47	+ 6.9	.. ....	− 1.0	+ 5.9
48	+ 3.7	+15 56.0	...	+15 59.7
49	+ 3.6	−15 56.0	...	−15 52.4
50	+ 1.8	.. ....	0.0	+ 1.8
52	+17 33.8	−14 53.9	...	+ 2 39.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	April 29, Bs.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mercury C, C.	9	51 36.38	− 0.34	+ 7.80	323 35 47.88	43.996	+ 4.59	− 40.4	0 51 43.84	− 0.12	+ 2 33 45.4	....
	April 30, Bs.												
2	Sun I, N.	9	26 52.88	− 0.32	+ 7.80	335 55 50.60	44.328	+ 4.67	− 24.1	2 27 0.36	+65.95	+14 54 12.3	....
3	Sun II, S.	9	29 4.78	− 0.32	+ 7.80	335 23 50.12	44.915	+ 4.67	− 24.7	2 29 12.26	−65.95	+14 22 24.1	....
4	Venus I, C.	7	43 55.96	− 0.32	+ 7.79	341 3 47.78	44.478	+ 4.11	− 18.4	3 44 3.43	+ 0.31	+20 2 17.7	....
5	Venus II.	7	43 56.54	− 0.32	+ 7.79	... .	......	....	. ....	3 44 4.01	− 0.27	.. ..	....
6	Moon I, N.	9	5 14.81	− 0.34	+ 7.78	339 41 49.62	47.881	+ 4.11	− 19.9	8 5 22.25	+66.68	+18 41 35.9	....
7	30 H. Ursæ Majoris.	9	17 15.13	− 0.64	+ 7.78	27 3 53.18	43.332	+ 3.64	+ 28.0	10 17 22.27	.....	+66 2 42.6	....
8	36 Ursæ Majoris.	9	24 30.35	− 0.47	+ 7.78	17 27 50.75	47.052	+ 3.64	+ 17.3	10 24 37.66	.....	+56 27 54.6	....
9	226 B. Cephei s. P.	8	30 27.93	+ 0.81	+ 7.78	65 13 53.75	47.325	+ 3.64	+1 58.6	22 30 36.52	.....	+75 44 14.5	....
10	34 Sextantis.	9	37 39.70	− 0.36	**+ 7.73**	325 5 49.20	45.412	+ 3.64	− 38.2	10 37 47.11	.....	+ 4 4 20.3	....
11	37 Sextantis.	9	41 5.47	− 0.35	+ 7.77	327 53 48.40	44.410	+ 3.64	− 34.3	10 41 12.89	.....	+ 6 52 0.5	....
12	*l* Leonis.	9	44 12.41	− 0.35	**+ 7.79**	332 3 50.15	45.362	+ 3.64	− 29.0	10 44 19.83	.....	+11 2 29.3	....
13	6 H^1. Draconis.	9	52 21.86	− 1.10	+ 7.77	39 15 53.72	47.710	+ 3.64	+ 45.0	10 52 28.53	.....	+78 16 40.3	....
14	β Ursæ Majoris.	9	56 4.03	− 0.46	+ 7.77	17 53 50.55	45.532	+ 3.64	+ 17.8	10 56 11.34	.....	+56 53 20.1	....
15	χ Leonis.	9	0 3.61	− 0.35	**+ 7.76**	328 51 48.55	45.802	+ 3.64	− 33.1	11 0 11.03	.....	+ 7 50 33.6	....
16	δ Leonis.	9	9 0.10	− 0.34	**+ 7.79**	342 3 49.18	44.415	+ 3.64	− 17.8	11 9 7.53	.....	+21 2 17.8	....
17	ξ Ursæ Majoris (*mean*).	9	13 3.71	− 0.35	+ 7.77	353 3 50.00	47.128	+ 3.64	− 6.6	11 13 11.13	.....	+32 3 31.8	....
18	ι Leonis.	9	18 55.11	− 0.31	+ 7.77	332 3 49.52	46.120	+ 3.64	− 29.1	11 19 2.57	− 0.93	+11 2 45.9	+ 5.7
19	υ Leonis.	9	32 1.79	− 0.36	**+ 7.80**	320 43 48.65	43.770	+ 3.64	− 45.0	11 32 9.20	.....	− 0 18 24.6	....
20	β Virginis.	9	45 41.69	− 0.36	**+ 7.75**	323 19 48.80	43.575	+ 3.64	− 41.0	11 45 49.10	.....	+ 2 17 35.1	....
21	π Virginis.	9	55 57.07	− 0.35	**+ 7.76**	328 9 46.80	45.030	+ 3.64	− 34.2	11 56 4.49	.....	+ 7 8 13.2	....
22	4 H. Draconis.	9	7 44.18	− 0.98	+ 7.77	39 7 52.02	47.352	+ 3.64	+ 45.1	12 7 50.97	.....	+78 8 30.0	....
	April 30, Br.												
23	ε Ursæ Minoris.	9	55 35.62	− 1.34	+ 7.51	43 11 53.40	44.417	+ 3.86	+ 52.9	16 55 41.79	.....	+82 11 32.9	....
24	δ Herculis.	9	11 4.37	− 0.33	**+ 7.48**	345 57 49.95	45.878	+ 3.86	− 14.0	17 11 11.55	.....	+24 56 56.1	....
25	*w* Herculis.	9	17 2.72	− 0.34	+ 7.51	353 35 51.30	46.255	+ 3.86	− 6.3	17 17 9.89	.....	+32 35 13.7	....
26	*x* Herculis.	9	24 9.13	− 0.37	+ 7.51	9 21 50.78	42.990	+ 3.86	+ 9.4	17 24 16.27	− 1.56	+48 20 14.3	+ 6.9
27	ν^1 Draconis.	9	30 14.15	− 0.40	+ 7.51	16 15 51.40	44.128	+ 3.86	+ 16.5	17 30 21.26	− 1.74	+55 14 48.0	+ 7.5
28	β Ophiuchi.	9	38 43.73	− 0.36	**+ 7.54**	325 37 48.40	45.518	+ 3.86	− 38.5	17 38 50.87	.....	+ 4 36 21.8	....
29	μ Herculis.	9	42 40.79	− 0.33	**+ 7.53**	348 47 50.38	44.458	+ 3.86	− 11.1	17 42 47.96	.....	+27 46 26.9	....
30	9 G. Sagittarii.	9	50 17.34	− 0.44	+ 7.50	302 15 47.68	44.038	+ 3.86	−1 29.0	17 50 24.40	− 1.21	−18 47 3.1	− 5.1
31	70 Ophiuchi (*brighter*).	9	0 36.24	− 0.36	+ 7.50	323 33 48.35	42.865	+ 3.86	− 41.6	18 0 43.38	.....	+ 2 31 18.1	....
32	102 Herculis.	9	4 38.22	− 0.33	+ 7.50	341 49 50.20	43.365	+ 3.86	− 18.5	18 4 45.39	− 1.09	+20 47 54.4	+ 4.4
33	Groombridge 1004 s. P.	5	10 19.16	+ 3.08	+ 7.50	54 13 53.32	45.532	+ 3.86	+1 18.6	6 10 29.74	+13.25	+86 45 35.7	− 7.9
34	η Serpentis.	9	16 20.66	− 0.37	**+ 7.46**	318 5 49.42	46.678	+ 3.86	− 50.6	18 16 27.79	.....	− 2 55 22.7	....
35	μ Lyræ.	9	21 2.06	− 0.34	+ 7.50	0 27 51.15	45.960	+ 3.86	+ 0.5	18 21 9.22	− 1.18	+39 27 13.6	+ 7.9
36	3 H. Scuti.	9	29 59.39	− 0.39	**+ 7.49**	312 43 49.48	44.105	+ 3.86	−1 1.2	18 30 6.50	.....	− 8 18 32.0	....
37	4 H. Scuti.	9	37 1.46	− 0.40	**+ 7.56**	311 53 48.50	44.345	+ 3.86	−1 3.0	18 37 8.56	.....	− 9 8 29.3	....
38	204 B. Draconis.	9	44 31.37	− 0.38	+ 7.50	13 53 52.35	44.532	+ 3.86	+ 14.1	18 44 38.49	− 1.32	+52 52 55.8	+10.2
39	51 H. Cephei s. P.	5	56 16.98	+ 3.54	+ 7.50	53 48	......	....	. ....	6 56 28.02	.....	+87 11	....
	May 1, Br.												
40	Moon I, N.	9	59 35.60	− 0.37	+ 7.49	337 33 53.42	43.055	+ 3.76	− 23.2	8 59 42.72	+66.85	+16 31 45.8	....
41	36 Ursæ Majoris.	9	24 30.62	− 0.43	+ 7.49	17 27 55.68	46.832	+ 3.76	+ 17.9	10 24 37.68	.....	+56 27 55.4	....
42	226 B. Cephei s. P.	9	30 29.14	+ 0.66	+ 7.49	65 13 56.98	47.048	+ 3.76	+2 2.6	22 30 37.29	.....	+75 44 13.4	....
43	34 Sextantis.	9	37 39.93	− 0.39	**+ 7.52**	325 6	......	....	. ....	10 37 47.02	.....	+ 4 4	....
44	37 Sextantis.	9	41 5.71	− 0.38	+ 7.48	327 53 52.00	44.342	+ 3.76	− 35.5	10 41 12.81	.....	+ 6 52 1.4	....
45	*l* Leonis.	8	44 12.71	− 0.37	**+ 7.50**	332 3 53.02	45.282	+ 3.76	− 30.0	10 44 19.82	.....	+11 2 29.4	....
46	β Ursæ Majoris.	9	56 4.37	− 0.43	+ 7.48	17 53 55.02	45.328	+ 3.76	+ 18.4	10 56 11.42	.....	+56 53 20.8	....
47	δ Leonis.	9	9 0.39	− 0.36	**+ 7.51**	342 3 52.65	44.312	+ 3.76	− 18.3	11 9 7.51	.....	+21 2 18.6	....
48	δ Crateris.	7	14 32.51	− 0.46	**+ 7.48**	306 46	......	....	. ....	11 14 39.53	.....	−14 16	....
49	υ Leonis.	8	32 2.20	− 0.40	**+ 7.42**	320 44	......	....	. ....	11 32 9.28	.....	− 0 18	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 0 52	29.84	73.7	75.0
30 2 29	29.79	78.3	82.4
3 44	29.78	82.7	85.8
8 5	29.78	82.2	83.3
10 17	29.80	76.0	75.9
10 45	....	....	75.2
11 15	29.82	74.1	73.8
11 40	....	....	72.8
12 15	29.835	71.3	70.9
16 48	29.835	65.0	63.2
17 30	....	....	62.0
17 54	29.84	62.9	61.2
18 21	....	....	60.0
19 0	29.86	61.0	59.0
1 9 2	29.83	64.8	62.2
10 20	29.83	62.3	59.9
10 48	....	....	59.0

Micrometer bisections are made at II, VI, except as noted below.

1, 4.	Bisections at I, II, VI, VII.
2, 28, 31, 34.	Bisections at I, II.
3, 45.	Bisections at VI, VII.
6, 40.	Bisections at II, III, IV, V, VI.
9, 13, 26, 27, 38, 41, 42, 46.	Bisections at III, V.
23.	Bisections at b_1, b_3, b_5, b_7, b_9.
33.	Bisections at b_3, b_5, b_7.

Notes.

8-27, 41–49.	Clouds.
10, 22, 23, 30, 39, 43.	Faint.
35.	Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.5	.. ....	− 0.9	+ 5.6
2	+ 3.5	−15 54.0	...	−15 50.5
3	+ 3.6	+15 54.1	...	+15 57.7
4	+ 1.8	.. ....	0.0	+ 1.8
6	+19 4.2	−15 12.8	...	+ 3 51.4
40	+21 19.9	−15 25.8	...	+ 5 54.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Leonis	9	44 9.84	− 0.37	+ 7.52	336 8	......	....	. ....	11 44 16.95	.....	+15 5	....
2	β Virginis	9	45 41.96	− 0.39	+ 7.50	323 19 52.48	43.410	+ 3.76	− 42.1	11 45 49.05	.....	+ 2 17 34.1	....
3	π Virginis	8	55 57.40	− 0.38	+ 7.45	328 10	......	....	. ....	11 56 4.50	.....	+ 7 8	....
4	ο Virginis	9	0 19.32	− 0.38	+ 7.45	330 17 52.88	42.095	+ 3.76	− 32.3	12 0 26.42	.....	+ 9 15 14.2	....
	May 2, Bs.												
5	Moon I, N	9	54 8.63	− 0.39	+ 7.68	334 23 52.55	46.948	+ 4.80	− 26.0	9 54 15.92	+66.96	+13 23 12.1	....
6	48 Leonis	9	29 47.32	− 0.38	+ 7.68	328 27 51.05	44.618	+ 4.80	− 33.4	10 29 54.62	− 0.69	+ 7 26 9.9	+ 7.6
7	34 Sextantis	9	37 39.76	− 0.39	+ 7.68	325 5 52.25	45.222	+ 4.80	− 38.0	10 37 47.05	.....	+ 4 4 20.4	....
8	42 Leonis Minoris	9	40 31.75	− 0.38	+ 7.68	352 13 52.92	39.535	+ 4.80	− 7.4	10 40 39.05	.....	+31 10 41.6	....
9	α Crateris	9	55 5.43	− 0.46	+ 7.67	303 13 51.65	46.042	+ 4.80	−1 23.1	10 55 12.65	.....	−17 48 6.6	....
10	χ Leonis	9	0 3.68	− 0.38	+ 7.70	328 51 51.32	45.648	+ 4.80	− 33.0	11 0 10.98	.....	+ 7 50 34.1	....
11	δ Leonis	9	9 0.22	− 0.38	+ 7.69	342 3 52.45	44.222	+ 4.80	− 17.7	11 9 7.52	.....	+21 2 18.0	....
12	D Cephei s. p.	9	14 36.67	+ 0.51	+ 7.68	73 21 56.60	46.210	+ 4.80	+3 1.8	23 14 44.86	.....	+67 35 32.5	....
13	ι Leonis	9	18 55.14	− 0.38	+ 7.68	332 3 52.72	45.920	+ 4.80	− 29.0	11 19 2.44	− 0.91	+11 2 45.8	+ 5.6
14	39 H. Cephei s. p.	9	27 28.39	+ 3.85	+ 7.68	54 11 56.40	46.819	+ 4.80	+1 16.0	23 27 39.92	.....	+86 47 4.6	....
15	β Leonis	8	44 9.66	− 0.38	+ 7.70	336 7 51.55	43.270	+ 4.80	− 24.2	11 44 16.95	.....	+15 5 48.8	....
16	Groombridge 1830	9	47 27.62	− 0.40	+ 7.67	359 23 52.90	46.950	+ 4.80	− 0.5	11 47 34.89	.....	+38 23 37.9	....
17	b Virginis	9	55 1.88	− 0.39	+ 7.67	325 11 51.40	46.022	+ 4.80	− 38.0	11 55 9.16	− 1.10	+ 4 10 37.8	+ 6.7
18	1 Canum Venaticorum	9	9 57.97	− 0.47	+ 7.67	14 57 53.85	46.112	+ 4.80	+ 14.7	12 10 5.17	− 1.26	+53 57 34.8	− 5.8
19	33 H^1. Virginis	9	22 56.13	− 0.41	+ 7.67	316 55 51.58	45.425	+ 4.80	− 51.2	12 23 3.39	− 1.27	− 4 5 48.9	+ 7.7
20	20 Comæ Berenices	9	24 53.84	− 0.38	+ 7.67	342 25 53.22	45.968	+ 4.80	− 17.3	12 25 1.13	.....	+21 24 59.0	....
21	8 Canum Venaticorum	9	29 10.74	− 0.41	+ 7.67	2 53 54.32	42.958	+ 4.80	+ 2.8	12 29 18.00	.....	+41 52 11.4	....
22	319 B. Cephei s. p.	6	32 24.44	+ 1.50	+ 7.67	58 59 55.10	48.373	+ 4.80	+1 31.5	0 32 33.61	+ 4.13	+81 58 15.2	+11.7
23	330 G. Hydræ	9	38 54.28	− 0.51	+ 7.67	293 13 52.55	46.518	+ 4.80	−2 6.9	12 39 1.44	− 1.67	−27 48 38.5	+10.9
24	35 Virginis	9	42 58.28	− 0.39	+ 7.62	325 5 51.62	47.202	+ 4.80	− 38.3	12 43 5.56	.....	+ 4 5 4.7	....
25	31 Comæ Berenices	9	47 1.19	− 0.38	+ 7.67	349 3 53.82	46.072	+ 4.80	− 10.6	12 47 8.48	.....	+28 3 8.7	....
26	δ Virginis	9	50 46.13	− 0.39	+ 7.67	324 55 51.70	45.488	+ 4.80	− 38.5	12 50 53.41	.....	+ 3 54 25.4	....
	May 3, Br.												
27	57 H^1. Camelopardalis s. p.	9	52 37.20	+ 0.62	+ 7.36	67 1 55.58	47.920	+ 3.78	+2 13.5	4 52 45.18	+ 3.07	+73 55 44.0	− 1.3
28	ε Herculis	9	56 36.07	− 0.40	+ 7.36	352 3 53.20	47.848	+ 3.78	− 7.8	16 56 43.03	.....	+31 3 50.4	....
29	60 Herculis	9	0 55.51	− 0.41	+ 7.36	333 53 51.52	44.390	+ 3.78	− 27.7	17 1 2.46	− 1.34	+12 52 9.9	+ 2.0
30	19 H. Camelopardalis s. p.	9	6 50.38	+ 0.94	+ 7.36	61 51 56.40	44.515	+ 3.78	+1 46.0	5 6 58.68	.....	+79 7 28.4	....
31	δ Herculis	9	11 4.63	− 0.39	+ 7.35	345 57 53.88	45.735	+ 3.78	− 14.1	17 11 11.60	.....	+24 56 56.5	....
32	w Herculis	9	17 2.97	− 0.39	+ 7.36	353 35 53.20	46.208	+ 3.78	− 6.3	17 17 9.94	.....	+32 35 14.4	....
33	d Ophiuchi	9	21 15.88	− 0.61	+ 7.36	291 15 51.42	46.895	+ 3.78	−2 24.4	17 21 22.63	.....	−29 46 49.5	....
34	ν^2 Draconis	9	30 19.84	− 0.44	+ 7.36	16 15 53.25	42.260	+ 3.78	+ 16.6	17 30 26.76	− 1.83	+55 14 7.2	+ 6.8
35	β Ophiuchi	9	38 44.03	− 0.42	+ 7.37	325 37 50.40	45.458	+ 3.78	− 38.8	17 38 50.97	.....	+ 4 36 22.1	....
36	μ Herculis	9	42 41.08	− 0.38	+ 7.36	348 47 53.22	44.365	+ 3.78	− 11.2	17 42 48.06	.....	+27 46 27.5	....
37	9 G. Sagittarii	9	50 17.66	− 0.52	+ 7.36	302 15 50.58	43.910	+ 3.78	−1 29.7	17 50 24.50	− 1.29	−18 47 4.0	− 5.1
38	δ Ursæ Minoris	9	2 46.11	− 3.08	+ 7.36	47 35 56.35	47.044	+ 3.78	+1 2.4	18 2 50.39	.....	+86 36 45.1	....
39	Groombridge 1004 s. p.	4	10 18.62	+ 3.08	+ 7.36	54 13 54.95	45.447	+ 3.78	+1 19.0	6 10 29.06	+14.03	+86 45 35.4	− 7.4
40	μ Lyræ	9	21 2.33	− 0.37	+ 7.36	0 27 52.32	45.928	+ 3.78	+ 0.5	18 21 9.32	− 1.27	+39 27 13.9	+ 7.4
41	3 H. Scuti	9	29 59.69	− 0.45	+ 7.33	312 43 50.42	44.055	+ 3.78	−1 1.5	18 30 6.60	.....	− 8 18 32.6	....
42	4 H. Scuti	9	37 1.77	− 0.45	+ 7.38	311 53 50.02	44.288	+ 3.78	−1 3.3	18 37 8.68	.....	− 9 8 29.5	....
43	204 B. Draconis	9	44 31.67	− 0.38	+ 7.36	13 53 53.88	44.472	+ 3.78	+ 14.2	18 44 38.65	− 1.43	+52 52 56.0	+ 9.7
44	51 H. Cephei s. p.	9	56 16.89	+ 3.34	+ 7.36	53 47 54.38	44.459	+ 3.78	+1 17.9	6 56 27.59	.....	+87 11 59.6	....
	May 4, Br.												
45	Sun I, S	9	42 10.30	− 0.41	+ 7.32	336 35 52.55	44.860	+ 4.12	− 23.7	2 42 17.21	+66.23	+15 34 26.2	....
46	Sun II, N	9	44 22.75	− 0.41	+ 7.32	337 7 52.18	44.140	+ 4.12	− 23.2	2 44 29.66	−66.22	+16 6 9.4	....
47	Venus I, C	7	4 16.76	− 0.41	+ 7.32	342 13 52.75	47.250	+ 4.53	− 17.4	4 4 23.67	+ 0.33	+21 13 27.5	....
48	Venus II	7	4 17.38	− 0.41	+ 7.32	... .	......	....	. ....	4 4 24.29	− 0.29	.. ..	....
49	48 Leonis	9	29 47.64	− 0.45	+ 7.28	328 27 51.80	44.605	+ 3.88	− 33.8	10 29 54.47	− 0.67	+ 7 26 9.1	+ 7.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 11 47	29.83	60.6	59.0
12 4	29.82	60.5	58.8
2 9 54	29.485	73.9	73.2
10 30	29.48	72.8	72.1
11 0	......	....	70.9
11 30	29.49	70.9	70.3
12 0	......	....	70.0
12 37	29.47	69.4	68.3
12 55	29.465	68.8	67.6
3 16 48	29.56	56.0	54.9
17 11	......	....	54.0
17 30	29.55	55.1	53.1
17 50	......	....	53.1
18 30	......	....	52.8
19 3	29.58	54.2	52.4
4 2 44	29.60	70.2	70.2
4 4	29.59	73.0	73.5
10 30	29.54	69.2	68.0

Micrometer bisections are made at II, VI, except as noted below.

5.	Bisections at II, III, IV, V, VI.
14, 38, 44.	Bisections at b_1, b_3, b_5, b_7, b_9.
22.	Bisections at b_3, b_5, b_7.
27, 30, 34, 43.	Bisections at III, V.
33.	Bisections at II, VI, VII.
39.	Bisections at b_1, b_2, b_4.
45.	Bisections at I, II.
46.	Bisections at VI, VII.
47.	Bisections at I, II, VI, VII.

Notes.

1–4.	Clouds.
5–26.	Conditions very poor; clouds.
6.	Micrometer reading decreased 1 rev.
9.	Diffuse.
15, 24.	Very faint.
27–44.	Unsteady at times.
40.	Observed head north.
49.	Haze.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+24 33.4	−15 40.8	...	+ 8 52.6
45	+ 3.4	+15 51.6	...	+15 55.0
46	+ 3.3	−15 51.5	...	−15 48.2
47	+ 1.7	.. ....	0.0	+ 1.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	34 Sextantis	9	37 40.12	− 0.45	+ **7.35**	325 5 53.20	45.250	+ 3.88	− 38.4	10 37 46.95	.....	+ 4 4 20.6	....
2	42 Leonis Minoris	9	40 32.16	− 0.44	+ 7.28	352 11 55.38	44.745	+ 3.88	− 7.5	10 40 39.00	.....	+31 10 42.1	....
3	ι Cephei s. p.	9	46 12.08	+ 0.46	+ 7.28	75 15 59.22	43.707	+ 3.88	+3 27.4	22 46 19.82	.....	+65 42 2.7	....
4	6 H¹. Draconis	9	52 22.66	− 1.22	+ 7.28	39 15 58.20	47.558	+ 3.88	+ 45.3	10 52 28.72	.....	+78 16 41.9	....
5	α Crateris	9	55 5.81	− 0.53	+ **7.34**	303 13 51.82	46.102	+ 3.88	−1 24.0	10 55 12.56	.....	−17 48 6.8	....
6	δ Leonis	9	9 0.61	− 0.44	+ **7.33**	342 3 53.38	44.245	+ 3.88	− 17.9	11 9 7.45	.....	+21 2 18.3	....
7	ο Cephei s. p.	9	14 37.37	+ 0.49	+ 7.28	73 21 57.12	46.215	+ 3.88	+3 3.9	23 14 45.14	.....	+67 35 31.0	....
8	γ Crateris	9	20 5.41	− 0.53	+ 7.28	303 51 52.15	45.598	+ 3.88	−1 22.2	11 20 12.16	− 1.12	−17 10 16.2	+13.1
9	39 H. Cephei s. p.	9	27 30.83	+ 3.90	+ 7.28	54 11 58.08	46.784	+ 3.88	+1 16.9	23 27 42.01	.....	+86 47 3.7	....
10	Moon I, N	9	44 25.03	− 0.46	+ 7.28	325 39 52.60	46.426	+ 3.88	− 37.8	11 44 31.85	+67.64	+ 4 38 47.6	....
11	b Virginis	9	55 2.25	− 0.45	+ 7.28	325 11 52.95	46.020	+ 3.88	− 38.5	11 55 9.08	− 1.09	+ 4 10 37.9	+ 6.5
12	128 H¹. Camelopardalis	8	0 4.48	− 3.41	+ 7.28	47 5 57.05	47.046	+ 3.88	+ 59.9	12 0 8.35	− 7.13	+86 6 43.7	−12.2
13	6 B. Ursæ Minoris	9	14 41.78	− 7.36	+ 7.28	49 13 57.10	43.630	+ 3.88	+1 4.6	12 14 41.70	.....	+88 13 29.8	....
14	20 Comæ Berenices	9	24 54.22	− 0.44	+ 7.28	342 25 52.82	46.015	+ 3.88	− 17.5	12 25 1.06	.....	+21 24 58.6	....
15	8 Canum Venaticorum	9	29 11.20	− 0.47	+ 7.28	2 53 54.80	42.985	+ 3.88	+ 2.9	12 29 18.01	.....	+41 52 11.7	....
16	330 G. Hydræ	9	38 54.73	− 0.59	+ 7.28	293 13 52.72	46.562	+ 3.88	−2 8.4	12 39 1.42	− 1.66	−27 48 39.7	+11.0
17	35 Virginis	9	42 58.63	− 0.45	+ **7.32**	325 5 52.82	47.230	+ 3.88	− 38.7	12 43 5.46	.....	+ 4 5 5.2	....
18	31 Comæ Berenices	9	47 1.63	− 0.44	+ **7.28**	349 3 54.55	46.108	+ 3.88	− 10.7	12 47 8.47	.....	+28 3 9.2	....
19	δ Virginis	9	50 46.51	− 0.46	+ **7.35**	324 55 52.90	45.485	+ 3.88	− 39.0	12 50 53.33	.....	+ 3 54 25.1	....
	May 4, Bs.												
20	γ Serpentis	9	52 1.03	− 0.38	+ **7.50**	336 59 52.68	43.928	+ 3.76	− 23.7	15 52 8.17	.....	+15 58 4.5	....
21	66 H¹. Draconis	9	55 28.48	− 0.46	+ 7.52	16 1 54.85	44.260	+ 3.76	+ 16.2	15 55 35.54	− 2.01	+55 0 53.9	+ 2.0
22	ω² Scorpii	9	1 48.12	− 0.50	+ 7.52	300 25 51.42	44.598	+ 3.76	−1 34.8	16 1 55.14	− 1.70	−20 36 52.5	− 1.2
23	φ Herculis	9	5 43.03	− 0.41	+ 7.52	6 11 55.15	44.585	+ 3.76	+ 6.1	16 5 50.14	.....	+45 10 51.6	....
24	δ Ophiuchi	9	9 19.57	− 0.42	+ **7.49**	317 35 52.85	41.935	+ 3.76	− 51.0	16 9 26.67	.....	− 3 27 8.2	....
25	ε Ophiuchi	9	13 15.24	− 0.42	+ **7.51**	316 33 52.25	45.538	+ 3.76	− 52.9	16 13 22.34	.....	− 4 27 48.3	....
26	ξ Coronæ Borealis	9	18 20.47	− 0.38	+ 7.52	352 7 54.48	44.452	+ 3.76	− 7.7	16 18 27.61	− 1.52	+31 6 34.2	+ 2.9
27	η Draconis	9	22 38.25	− 0.52	+ 7.52	22 43 55.25	45.768	+ 3.76	+ 23.6	16 22 45.25	.....	+61 43 36.1	....
28	A Draconis	9	28 5.82	− 0.66	+ 7.52	29 57 55.98	47.098	+ 3.76	+ 32.4	16 28 12.68	.....	+68 58 16.2	....
29	ζ Ophiuchi	9	31 53.41	− 0.44	+ **7.46**	310 39 51.85	44.008	+ 3.76	−1 5.0	16 32 0.49	.....	−10 22 35.8	....
30	70 B. Ursæ Minoris	9	34 38.42	− 1.03	+ 7.52	38 37 55.18	45.940	+ 3.76	+ 44.9	16 34 44.91	− 4.72	+77 38 1.4	+ 3.0
31	20 Ophiuchi	9	44 32.45	− 0.44	+ 7.52	310 25 52.05	43.010	+ 3.76	−1 5.6	16 44 39.53	.....	−10 36 59.0	....
32	κ Ophiuchi	9	53 7.42	− 0.39	+ **7.47**	330 33 53.45	42.075	+ 3.76	− 31.6	16 53 14.55	.....	+ 9 31 15.0	....
33	157 H¹. Cephei s. p.	9	57 58.32	+ 2.79	+ 7.52	55 9 56.42	43.401	+ 3.76	+1 20.6	4 58 8.63	+12.68	+85 50 19.2	− 2.9
34	η Ophiuchi	9	4 53.65	− 0.47	+ **7.46**	305 25 50.82	44.942	+ 3.76	−1 18.5	17 5 0.70	.....	−15 36 29.0	....
35	19 H. Camelopardalis s. p.	7	6 49.20	+ 1.03	+ 7.52	61 51 57.85	44.508	+ 3.76	+1 44.8	5 6 57.75	.....	+79 7 28.5	....
36	139 G. Scorpii	9	10 51.44	− 0.58	+ 7.52	288 29 52.48	46.460	+ 3.76	−2 45.4	17 10 58.38	− 1.68	−32 33 19.5	− 6.6
37	ξ Ophiuchi	9	15 16.68	− 0.50	+ 7.52	300 1 51.32	45.228	+ 3.76	−1 36.5	17 15 23.70	− 1.49	−21 0 39.9	− 4.5
38	b Ophiuchi	9	20 32.24	− 0.52	+ 7.52	296 57 50.98	44.252	+ 3.76	−1 49.6	17 20 39.24	.....	−24 5 15.6	....
39	λ Herculis	9	26 50.58	− 0.38	+ 7.52	347 11 54.50	45.452	+ 3.76	− 12.7	17 26 57.72	− 1.34	+26 10 52.1	+ 4.0
40	β Draconis	9	28 13.26	− 0.44	+ 7.52	13 23 54.95	42.475	+ 3.76	+ 13.4	17 28 20.34	.....	+52 22 10.5	....
41	ξ Serpentis	9	32 6.55	− 0.47	+ **7.49**	305 41 50.78	45.332	+ 3.76	−1 17.8	17 32 13.60	.....	−15 20 19.4	....
42	ω Draconis	9	37 25.71	− 0.65	+ 7.52	29 49 55.95	41.190	+ 3.76	+ 32.2	17 37 32.58	.....	+68 48 1.0	....
43	X Sagittarii	9	41 33.12	− 0.54	+ 7.52	293 15 52.25	44.170	+ 3.76	−2 9.5	17 41 40.10	− 1.46	−27 47 36.1	− 7.0
44	87 Herculis	9	44 54.65	− 0.38	+ 7.52	346 39 56.00	46.268	+ 3.76	− 13.2	17 45 1.79	− 1.29	+25 39 11.7	+ 4.3
45	89 Herculis	9	51 31.80	− 0.38	+ **7.54**	347 5 55.60	42.740	+ 3.76	− 12.8	17 51 38.94	.....	+26 3 51.1	....
46	70 Ophiuchi (*brighter*)	9	0 36.49	− 0.40	+ 7.52	323 33 53.60	42.608	+ 3.76	− 41.4	18 0 43.61	.....	+ 2 31 17.5	....
47	24 Ursæ Minoris	5	5 44.56	− 3.99	+ 7.52	47 59 57.18	44.018	+ 3.76	+1 2.4	18 5 48.09	−16.12	+86 59 37.0	+ 7.5
48	Groombridge 1004 s. p.	8	10 15.60	+ 3.60	+ 7.52	54 13 56.82	45.416	+ 3.76	+1 18.0	6 10 26.72	+14.30	+86 45 35.4	− 7.2
49	η Serpentis	9	16 20.81	− 0.42	+ **7.46**	318 5 53.02	46.520	+ 3.76	− 50.2	18 16 27.91	.....	− 2 55 22.4	....
	May 21, Ei.-Y.												
50	d Boötis	9	6 1.81	− 0.38	+ **6.77**	346 33 50.48	45.532	−28.67	− 13.6	14 6 8.17	.....	+25 32 16.5	....
51	κ Virginis	8	7 48.17	− 0.46	+ **6.73**	311 11 47.75	46.540	−28.67	−1 4.9	14 7 54.45	.....	− 9 50 14.4	....
52	B. D.+37°2511	9	11 46.05	− 0.38	+ 6.74	358 29 51.52	46.995	−28.67	− 1.4	14 11 52.41	− 1.48	+37 29 3.2	− 4.5
53	B. D.+38°2541	8	14 0.14	− 0.38	+ 6.74	359 5 51.12	48.572	−28.67	− 0.8	14 14 6.50	− 1.50	+38 5 39.4	− 4.5
54	B. D.+38°2544	9	15 28.88	− 0.38	+ 6.74	359 3 50.30	46.100	−28.67	− 0.9	14 15 35.24	− 1.50	+38 2 42.0	− 4.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 10 49	......	....	67.1
11 9	......	....	66.1
11 38	29.545	66.9	65.2
12 20	......	....	64.0
12 54	29.54	64.7	63.2
15 52	29.50	61.7	60.8
16 23	......	....	59.5
16 53	29.49	60.7	59.0
17 32	......	....	58.2
17 52	29.48	59.9	58.2
18 16	29.48*	59.6	58.0
21 14 4	30.00	60.7	59.2

Micrometer bisections are made at II, VI, except as noted below.

1, 16.	Bisections at I, II.
3, 7.	Bisections at III, IV, V.
4, 28, 30, 42.	Bisections at III, V.
8.	Bisections at VI, VII.
9, 13, 33.	Bisections at b_1, b_3, b_5, b_7, b_9.
10.	Bisections at II, III, IV, V, VI.
12.	Bisections at b_2, b_4, b_5, b_6, b_8.
15.	Bisections at b_2, b_8.
35.	Bisections at b_1, b_5, b_7.
47.	Bisections at b_3, b_5, b_7.
48.	Bisections at b_1, b_3, b_5, b_7.
53.	Bisections at I, III.

Notes.

3. Unsteady.
46. Assumed that brighter was observed.
52–54. Observed head south.

* Barometer reading changed from 29.8 in. to 29.48 in.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+33 15.3	−16 13.1	...	+17 2.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+36°2478	9	18 12.01	− 0.38	+ 6.74	357 5 50.35	46.198	−28.67	− 2.8	14 18 18.37	− 1.50	+36 4 42.3	− 4.1
2	B. D.+39°2760	9	19 37.50	− 0.39	+ 6.74	0 45 51.40	48.395	−28.67	+ 0.8	14 19 43.85	− 1.53	+39 45 37.2	− 4.7
3	B. D.+36°2493	9	23 57.77	− 0.38	+ 6.74	356 59 51.18	49.860	−28.67	− 2.9	14 24 4.13	− 1.52	+36 0 6.8	− 4.0
4	B. D.+39°2773	8	25 52.76	− 0.39	+ 6.74	0 17 51.92	46.495	−28.67	+ 0.4	14 25 59.11	− 1.55	+39 16 54.0	− 4.5
5	B. D.+36°2506	9	29 44.48	− 0.38	+ 6.74	357 29 50.30	44.250	−28.67	− 2.4	14 29 50.84	− 1.54	+36 27 58.2	− 4.0
6	B. D.+38°2570	9	30 38.40	− 0.39	+ 6.74	359 25 51.52	48.210	−28.67	− 0.5	14 30 44.75	− 1.56	+38 25 31.8	− 4.3
7	B. D.+37°2557	9	34 22.86	− 0.38	+ 6.74	358 9 51.18	44.442	−28.67	− 1.8	14 34 29.22	− 1.57	+37 8 4.1	− 4.0
8	B. D.+38°2578	9	36 9.24	− 0.39	+ 6.74	359 31 50.78	46.718	−28.67	− 0.4	14 36 15.59	− 1.58	+38 30 57.1	− 4.2
9	B. D.+37°2566	9	38 27.21	− 0.38	+ 6.74	358 1 50.35	46.695	−28.67	− 1.9	14 38 33.57	− 1.58	+37 0 54.6	− 3.9
10	B. D.+38°2589	9	41 55.93	− 0.38	+ 6.74	359 7 51.45	49.320	−28.67	− 0.8	14 42 2.29	− 1.60	+38 7 56.8	− 4.0
11	B. D.+36°2530	9	43 27.54	− 0.38	+ 6.74	356 57 50.52	48.928	−28.67	− 3.0	14 43 33.90	− 1.59	+35 57 44.7	− 3.7
12	B. D.+40°2817	9	45 51.68	− 0.39	+ 6.74	0 51 50.72	47.830	−28.67	+ 0.9	14 45 58.03	− 1.63	+39 51 23.7	− 4.2
13	B. D.+38°2599	9	48 53.21	− 0.38	+ 6.74	358 51 51.22	48.068	−28.67	− 1.1	14 48 59.57	− 1.62	+37 51 27.7	− 3.8
14	B. D.+35°2624	9	50 29.23	− 0.38	+ 6.74	356 37 49.80	49.162	−28.67	− 3.3	14 50 35.59	− 1.61	+35 37 49.1	− 3.5
15	B. D.+36°2555	9	53 15.68	− 0.38	+ 6.74	356 53 51.25	44.935	−28.67	− 3.0	14 53 22.04	− 1.62	+35 52 14.2	− 3.5
16	B. D.+35°2637	9	55 52.13	− 0.38	+ 6.74	356 29 49.82	45.972	−28.67	− 3.4	14 55 58.49	− 1.62	+35 28 36.1	− 3.4
17	B. D.+39°2826	8	58 20.49	− 0.39	+ 6.74	0 17 51.48	49.220	−28.67	+ 0.4	14 58 26.84	− 1.66	+39 17 55.8	− 3.8
18	B. D.+39°2832	9	1 2.29	− 0.39	+ 6.74	359 59 50.20	44.962	−28.67	+ 0.1	15 1 8.64	− 1.67	+38 58 16.8	− 3.7
19	B. D.+40°2854	9	3 16.17	− 0.39	+ 6.74	0 59 50.70	45.015	−28.67	+ 1.0	15 3 22.52	− 1.69	+39 58 19.5	− 3.8
20	B. D.+35°2654	8	6 18.70	− 0.38	+ 6.74	356 7 49.45	46.380	−28.67	− 3.8	15 6 25.06	− 1.65	+35 6 44.7	− 3.1
21	B. D.+39°2845	9	8 20.91	− 0.39	+ 6.74	0 1 49.82	48.188	−28.67	+ 0.1	15 8 27.26	− 1.69	+39 1 30.2	− 3.5
22	B. D.+35°2664	9	10 30.58	− 0.38	+ 6.74	356 15 50.68	48.818	−28.67	− 3.7	15 10 36.94	− 1.66	+35 15 41.6	− 3.1
23	B. D.+39°2858	9	12 50.39	− 0.39	+ 6.74	0 9 50.82	44.850	−28.67	+ 0.2	15 12 56.74	− 1.70	+39 8 15.1	− 3.4
24	B. D.+40°2870	8	15 3.19	− 0.39	+ 6.74	0 57 51.30	47.332	−28.67	+ 1.0	15 15 9.54	− 1.72	+39 57 13.1	− 3.5
25	B. D.+35°2681	9	18 59.43	− 0.38	+ 6.74	356 45 50.50	43.860	−28.67	− 3.2	15 19 5.79	− 1.68	+35 43 48.7	− 2.9
26	B. D.+37°2637 (*mean*)	9	20 53.03	− 0.38	+ 6.74	358 41 51.50	46.080	−28.67	− 1.2	15 20 59.39	− 1.71	+37 40 42.4	− 3.1
27	B. D.+37°2643	9	23 11.54	− 0.38	+ 6.74	358 37 50.85	48.222	−28.67	− 1.3	15 23 17.90	− 1.71	+37 37 30.6	− 3.0
28	B. D.+36°2610	9	25 52.77	− 0.38	+ 6.74	357 25 49.70	44.518	−28.67	− 2.5	15 25 59.13	− 1.71	+36 24 3.7	− 2.8
29	B. D.+36°2614	9	28 17.45	− 0.38	+ 6.74	357 3 50.08	47.520	−28.67	− 2.9	15 28 23.81	− 1.71	+36 3 12.2	− 2.8
30	B. D.+36°2617	9	29 48.93	− 0.38	+ 6.74	357 16	......	.....	....	15 29 55.29	− 1.71	+36 14	....
31	B. D.+36°2622	9	32 11.73	− 0.38	+ 6.74	357 15 51.35	44.682	−28.67	− 2.7	15 32 18.09	− 1.72	+36 14 8.9	− 2.7
32	B. D.+38°2683	9	34 35.59	− 0.38	+ 6.74	359 21 50.25	44.725	−28.67	− 0.6	15 34 41.95	− 1.75	+38 20 10.8	− 2.8
33	B. D.+38°2688	9	37 29.25	− 0.39	+ 6.74	359 35 50.22	46.915	−28.67	− 0.3	15 37 35.60	− 1.76	+38 35 1.1	− 2.7
34	B. D.+35°2719	9	39 34.05	− 0.38	+ 6.74	356 7 50.55	46.118	−28.67	− 3.8	15 39 40.41	− 1.72	+35 6 39.8	− 2.4
35	B. D.+36°2643	9	42 16.16	− 0.38	+ 6.74	357 43 51.12	46.180	−28.67	− 2.2	15 42 22.52	− 1.74	+36 42 43.3	− 2.4
36	B. D.+37°2676	9	44 11.84	− 0.38	+ 6.74	358 41 52.15	44.515	−28.67	− 1.3	15 44 18.20	− 1.76	+37 40 7.2	− 2.5
37	B. D.+39°2922	9	46 56.47	− 0.39	+ 6.74	0 7 51.65	45.208	−28.67	+ 0.2	15 47 2.82	− 1.78	+39 6 24.1	− 2.5
38	γ Serpentis	9	52 1.99	− 0.38	**+ 6.72**	336 59 49.15	45.642	−28.67	− 24.2	15 52 8.35	....	+15 58 7.2	....
39	ε Coronæ Borealis	9	53 37.05	− 0.38	**+ 6.73**	348 9 50.55	47.460	−28.67	− 11.9	15 53 43.41	....	+27 9 2.4	....
	May 29, Ei.-Y.												
40	d Boötis	9	6 2.11	− 0.40	**+ 6.45**	346 33 52.30	45.345	−24.27	− 13.5	14 6 8.16	....	+25 32 18.6	....
41	κ Virginis	9	7 48.44	− 0.48	**+ 6.47**	311 11 48.58	46.310	−24.28	−1 4.4	14 7 54.41	....	− 9 50 13.9	....
42	B. D.+37°2511	8	11 46.31	− 0.41	+ 6.45	358 29 53.52	46.782	−24.29	− 1.4	14 11 52.35	− 1.44	+37 29 4.7	− 6.2
43	B. D.+38°2541	9	14 0.41	− 0.41	+ 6.45	359 5 53.28	48.340	−24.30	− 0.8	14 14 6.45	− 1.45	+38 5 40.6	− 6.2
44	B. D.+38°2544	9	15 29.21	− 0.41	+ 6.45	359 3 52.28	45.878	−24.31	− 0.9	14 15 35.25	− 1.46	+38 2 43.2	− 6.2
45	B. D.+36°2478	9	18 12.32	− 0.41	+ 6.45	357 5 52.22	45.970	−24.31	− 2.8	14 18 18.36	− 1.46	+36 4 43.4	− 5.8
46	B. D.+39°2760	9	19 37.82	− 0.42	+ 6.45	0 45 52.72	48.190	−24.32	+ 0.8	14 19 43.85	− 1.48	+39 45 38.2	− 6.5
47	B. D.+36°2493	9	23 58.08	− 0.41	+ 6.45	356 59 52.42	49.725	−24.33	− 2.9	14 24 4.12	− 1.48	+36 0 9.3	− 5.7
48	B. D.+39°2773	9	25 53.01	− 0.41	+ 6.45	0 17 52.92	46.350	−24.34	+ 0.4	14 25 59.05	− 1.51	+39 16 55.9	− 6.3
49	B. D.+36°2506	8	29 44.75	− 0.41	+ 6.45	357 29 53.45	44.010	−24.35	− 2.4	14 29 50.79	− 1.51	+36 28 0.2	− 5.7
50	B. D.+38°2570	7	30 38.63	− 0.41	+ 6.45	359 25 51.08	48.138	−24.35	− 0.5	14 30 44.67	− 1.53	+38 25 34.0	− 6.1
51	B. D.+37°2557	9	34 23.11	− 0.41	+ 6.45	358 9 51.95	44.315	−24.37	− 1.8	14 34 29.15	− 1.54	+37 8 6.2	− 5.8
52	B. D.+38°2578	9	36 9.53	− 0.41	+ 6.45	359 31 52.30	46.562	−24.37	− 0.4	14 36 15.57	− 1.55	+38 30 59.4	− 6.0
53	B. D.+37°2566	9	38 27.51	− 0.41	+ 6.45	358 1 53.00	46.468	−24.38	− 1.9	14 38 33.55	− 1.55	+37 0 56.4	− 5.7
54	B. D.+38°2589	9	41 56.26	− 0.41	+ 6.45	359 7 53.02	49.150	−24.39	− 0.8	14 42 2.30	− 1.57	+38 7 58.7	− 5.8
55	B. D.+36°2530	9	43 27.79	− 0.41	+ 6.45	356 57 53.52	48.678	−24.40	− 2.9	14 43 33.83	− 1.57	+35 57 46.4	− 5.5
56	B. D.+40°2817	9	45 51.90	− 0.42	+ 6.45	0 51 52 30	47.655	−24.41	+ 0.9	14 45 57.93	− 1.60	+39 51 25.6	− 6.1
57	B. D.+38°2599	9	48 53.47	− 0.41	+ 6.45	358 51 52.38	47.882	−24.42	− 1.0	14 48 59.51	− 1.60	+37 51 28.9	− 5.7
58	B. D.+35°2624	9	50 29.51	− 0.41	+ 6.45	356 37 51.65	48.942	−24.43	− 3.3	14 50 35.55	− 1.59	+35 37 50.1	− 5.3
59	B. D.+36°2555	9	53 16.06	− 0.41	+ 6.45	356 53 52.75	44.768	−24.44	− 3.0	14 53 22.10	− 1.60	+35 52 16.1	− 5.3
60	B. D.+35°2637	9	55 52.52	− 0.41	+ 6.45	356 29 52.12	45.750	−24.45	− 3.4	14 55 58.56	− 1.61	+35 28 37.6	− 5.2
61	B. D.+39°2826	9	58 20.84	− 0.41	+ 6.45	0 17 52.55	49.050	−24.45	+ 0.4	14 58 26.88	− 1.65	+39 17 57.1	− 5.7

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
21 14 27	......	....	58.5	1, 5, 43, 45, 61.	Bisections at I, II.					
14 59	30.00	58.2	57.9	3, 9, 16, 18, 22, 25, 27, 36, 44, 46, 51, 54.	Bisections at II, VII.					
15 27	......	....	57.2	4, 24, 42, 49.	Bisections at III, VI.					
15 55	29.99	58.1	56.8	12, 50, 55.	Bisections at VI, VII.					
29 14 4	29.825	60.5	60.1	59.	Bisections at II, VI, VII.					
14 28	......	....	59.4							
14 59	29.835	58.9	58.7							

Notes.

1, 13–16, 20, 22, 35, 36, 47, 49–55. Observed head south.
4, 12, 46, 61. Observed head north.
28, 41. Unsteady.
58–61. Images poor.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+39°2832	9	1 2.67	− 0.41	+ 6.44	359 59 52.38	44.755	−24.46	0.0	15 1 8.70	− 1.66	+38 58 18.4	− 5.6
2	B. D.+40°2854	9	3 16.50	− 0.42	+ 6.44	0 59 51.60	44.855	−24.47	+ 1.0	15 3 22.52	− 1.67	+39 58 20.9	− 5.7
3	B. D.+35°2654	9	6 19.02	− 0.41	+ 6.44	356 7 51.52	46.148	−24.48	− 3.8	15 6 25.05	− 1.64	+35 6 45.6	− 5.0
4	B. D.+39°2845	9	8 21.24	− 0.41	+ 6.44	0 1 51.28	48.010	−24.48	+ 0.1	15 8 27.27	− 1.68	+39 1 31.8	− 5.5
5	B. D.+35°2664	9	10 30.88	− 0.41	+ 6.44	356 15 51.60	48.660	−24.49	− 3.6	15 10 36.91	− 1.66	+35 15 43.3	− 4.9
6	B. D.+39°2858	9	12 50.74	− 0.41	+ 6.44	0 9 52.60	44.680	−24.50	+ 0.2	15 12 56.77	− 1.70	+39 8 17.1	− 5.4
7	B. D.+40°2870	8	15 3.49	− 0.42	+ 6.44	0 57 52.88	47.145	−24.51	+ 1.0	15 15 9.51	− 1.72	+39 57 14.5	− 5.5
8	B. D.+35°2681	9	18 59.76	− 0.41	+ 6.44	356 45 52.00	43.725	−24.52	− 3.2	15 19 5.79	− 1.69	+35 43 51.3	− 4.8
9	B. D.+37°2637(*mean*)	9	20 53.36	− 0.41	+ 6.44	358 41 52.08	45.985	−24.53	− 1.2	15 20 59.39	− 1.71	+37 40 45.0	− 5.0
10	B. D.+37°2643	9	23 11.84	− 0.41	+ 6.44	358 37 53.68	48.032	−24.53	− 1.3	15 23 17.87	− 1.72	+37 37 33.2	− 5.0
11	B. D.+36°2610	9	25 53.11	− 0.41	+ 6.44	357 25 53.22	44.285	−24.54	− 2.5	15 25 59.14	− 1.72	+36 24 6.0	− 4.8
12	B. D.+36°2614	9	28 17.80	− 0.41	+ 6.44	357 3 52.08	47.358	−24.55	− 2.8	15 28 23.83	− 1.72	+36 3 14.7	− 4.7
13	B. D.+36°2617	9	29 49.21	− 0.41	+ 6.44	357 15 53.18	46.148	−24.56	− 2.7	15 29 55.24	− 1.73	+36 14 48.3	− 4.7
14	B. D.+36°2622	9	32 12.06	− 0.41	+ 6.44	357 15 53.22	44.518	−24.57	− 2.7	15 32 18.09	− 1.74	+36 14 11.1	− 4.6
15	B. D.+38°2683	9	34 35.92	− 0.41	+ 6.44	359 21 51.82	44.595	−24.57	− 0.6	15 34 41.95	− 1.76	+38 20 13.5	− 4.8
16	B. D.+38°2688	9	37 29.49	− 0.41	+ 6.44	359 35 52.78	46.715	−24.58	− 0.3	15 37 35.52	− 1.77	+38 35 3.2	− 4.8
17	B. D.+35°2719	9	39 34.36	− 0.41	+ 6.44	356 7 52.02	45.970	−24.59	− 3.8	15 39 40.39	− 1.74	+35 6 41.9	− 4.4
18	B. D.+36°2643	9	42 16.49	− 0.41	+ 6.44	357 43 52.78	45.975	−24.60	− 2.2	15 42 22.52	− 1.77	+36 42 44.3	− 4.5
19	B. D.+37°2676	9	44 12.22	− 0.41	+ 6.44	358 41 52.55	44.385	−24.61	− 1.2	15 44 18.25	− 1.78	+37 40 8.8	− 4.5
20	B. D.+39°2922	9	46 56.89	− 0.41	+ 6.44	0 7 52.90	45.028	−24.61	+ 0.2	15 47 2.92	− 1.80	+39 6 25.3	− 4.6
21	γ Serpentis	9	52 2.37	− 0.41	+ **6.42**	336 59 51.78	45.408	−24.63	− 24.1	15 52 8.40	.....	+15 58 8.6	....
22	ε Coronæ Borealis	9	53 37.41	− 0.40	+ **6.44**	348 9 52.38	47.292	−24.64	− 11.8	15 53 43.45	.....	+27 9 4.4	....
	June 8, Br.												
23	57 B. Ursæ Minoris	9	7 32.78	− 3.80	....	48 35 55.95	45.174	− 0.37	+1 2.8	15 7	.....	+87 35 58.1	....
24	β Serpentis	9	41 47.08	− 0.36	+ **5.99**	336 43 52.50	46.658	− 0.37	− 23.7	15 41	.....	+15 43 2.5	....
25	ε Serpentis	9	46 4.06	− 0.38	+ **5.88**	325 47 52.05	43.700	− 0.37	− 37.6	15 46	.....	+ 4 45 40.6	....
26	151 H¹. Cephei s. P.	9	6 32.50	+ 1.79	....	55 41 55.78	43.855	− 0.37	+1 21.2	4 6	.....	+85 18 13.0	....
	June 9, Hl.												
27	Sun I, S.	9	6 14.16	− 0.31	+ 5.89	343 40 1.12	43.825	− 0.71	− 15.7	5 6 19.74	+68.72	+22 38 14.1	....
28	Sun II, N.	9	8 31.60	− 0.31	+ 5.89	344 12 8.18	42.200	− 0.71	− 15.2	5 8 37.18	−68.72	+23 9 44.4	....
	June 11, Ei.-Y.												
29	α Libræ	9	45 36.89	− 0.45	+ **5.95**	305 23 50.52	43.450	− 0.88	−1 18.5	14 45 42.35	.....	−15 39 8.0	....
30	ξ² Libræ	8	51 36.22	− 0.43	+ **5.93**	309 59 50.92	46.300	− 0.89	−1 6.6	14 51 41.70	.....	−11 1 50.6	....
31	B. D.−22°3916	9	8 13.74	− 0.49	+ 5.91	297 51 50.35	44.062	− 0.93	−1 45.4	15 8 19.16	− 2.02	−23 11 21.1	+ 3.3
32	B. D.−16°4049	9	12 18.13	− 0.45	+ 5.91	304 11 51.02	43.742	− 0.94	−1 22.2	15 12 23.59	− 1.92	−16 51 4.5	+ 2.0
33	B. D.−15°4083	9	15 42.38	− 0.44	+ 5.91	305 49 49.80	44.842	− 0.94	−1 17.4	15 15 47.85	− 1.91	−15 12 35.9	+ 1.5
34	C. P. D.−25°5616	9	19 1.09	− 0.50	+ 5.91	295 43 49.98	42.678	− 0.95	−1 55.7	15 19 6.50	− 2.10	−25 20 3.4	+ 3.0
35	B. D.−14°4208	9	22 23.53	− 0.44	+ 5.91	306 23 49.00	47.428	− 0.96	−1 15.8	15 22 29.00	− 1.92	−14 37 36.0	+ 1.0
36	B. D.−21°4135	9	26 38.19	− 0.48	+ 5.91	299 23 49.85	45.248	− 0.97	−1 39.1	15 26 43.62	− 2.05	−21 38 48.2	+ 1.9
37	γ Libræ	9	30 12.39	− 0.44	+ **5.98**	306 33 50.08	44.778	− 0.98	−1 15.5	15 30 17.86	.....	−14 28 35.2	....
38	B. D.−14°4250	9	33 10.94	− 0.44	+ 5.91	306 49 50.62	45.202	− 0.98	−1 14.8	15 33 16.41	− 1.94	−14 12 24.2	+ 0.4
39	B. D.−16°4135	9	35 17.81	− 0.45	+ 5.91	304 35 51.18	43.728	− 0.99	−1 21.2	15 35 23.27	− 1.98	−16 27 3.8	+ 0.6
40	B. D.−16°4151	9	38 33.66	− 0.45	+ 5.91	304 27 49.65	45.815	− 1.00	−1 21.6	15 38 39.12	− 1.99	−16 34 18.0	+ 0.5
41	C. P. D.−26°5507	9	41 35.14	− 0.51	+ 5.91	294 15 50.65	43.855	− 1.00	−2 3.8	15 41 40.54	− 2.19	−26 47 44.0	+ 1.7
42	C. P. D.−25°5667	9	45 16.11	− 0.50	+ 5.91	295 35 49.88	42.988	− 1.01	−1 56.6	15 45 21.52	− 2.17	−25 27 57.4	+ 1.3
43	C. P. D.−23°6277	9	48 16.75	− 0.49	+ 5.91	297 21 49.38	42.770	− 1.02	−1 48.1	15 48 22.17	− 2.14	−23 41 54.4	+ 0.9
44	B. D.−17°4450	9	50 22.93	− 0.45	+ 5.91	303 17 49.92	43.325	− 1.02	−1 25.3	15 50 28.39	− 2.04	−17 45 18.4	0.0
45	B. D.−13°4302	9	52 51.90	− 0.43	+ 5.91	307 1 49.62	45.005	− 1.03	−1 14.4	15 52 57.38	− 1.98	−14 0 29.4	− 0.6
46	B. D.−18°4213	9	55 30.11	− 0.46	+ 5.91	302 21 49.80	42.105	− 1.03	−1 28.5	15 55 35.56	− 2.06	−18 41 49.6	− 0.2
47	B. D.−19°4308	9	59 55.17	− 0.46	+ 5.91	301 29 50.10	45.240	− 1.04	−1 31.4	16 0 0.62	− 2.08	−19 32 40.6	− 0.3
48	B. D.−13°4342	9	1 45.32	− 0.43	+ 5.91	307 13 51.40	43.320	− 1.05	−1 13.9	16 1 50.80	− 2.00	−13 49 5.7	− 1.1
49	B. D.−17°4502	9	4 26.92	− 0.45	+ 5.91	302 57 51.25	42.898	− 1.05	−1 26.5	16 4 32.38	− 2.07	−18 5 28.0	− 0.7
50	B. D.−14°4370	9	7 48.81	− 0.43	+ 5.91	306 9 50.40	44.988	− 1.06	−1 16.8	16 7 54.29	− 2.02	−14 52 31.5	− 1.3
51	B. D.−22°4127	9	9 15.34	− 0.47	+ 5.91	298 53 49.95	46.135	− 1.06	−1 41.5	16 9 20.78	− 2.15	−22 8 30.4	− 0.6
52	B. D.−17°4534	9	12 59.53	− 0.44	+ 5.91	303 53 50.12	43.128	− 1.07	−1 23.6	16 13 5.00	− 2.07	−17 9 21.0	− 1.3
53	σ Scorpii	9	15 25.14	− 0.49	+ 5.91	295 41 50.88	42.735	− 1.08	−1 56.4	16 15 30.56	.....	−25 22 2.0	....
54	γ Herculis	9	17 42.59	− 0.34	+ **5.96**	340 23 52.88	45.180	− 1.08	− 20.0	16 17 48.16	.....	+19 22 32.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 15 27	.....	....	57.3
15 55	29.84	58.0	58.2
8 14 56	29.79	71.9	70.3
15 28	29.79	71.6	70.3
15 48	.....	....	70.1
16 22			70.3
	.....	....	
16 57	29.80	71.0	70.0
9 5 9	29.77	83.8	84.8
11 14 43	29.83	66.5	65.1
15 10	.....	....	64.8
15 31	29.83	65.2	63.3
15 56	.....	....	62.7

Micrometer bisections are made at II, VI, except as noted below.

2, 10, 13, 28, 31.	Bisections at VI, VII.
6, 12, 18, 21, 22, 32, 38, 40, 43, 53.	Bisections at II, VII.
7.	Bisections at III, VI.
23, 26.	Bisections at b_1, b_3, b_5, b_7, b_9.
27, 50.	Bisections at I, II.
30.	Bisection at II.

Notes.

1 22.	Images rather poor.
1, 2, 4, 6, 7, 20.	Observed head north.
8-17.	Observed head south.
9.	Not separated.
24, 25.	Faint.
29-54.	Very unsteady.
30, 31.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
27	+ 2.4	+15 45.1	...	+15 47.5
28	+ 2.3	−15 45.1	...	−15 42.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ρ Ophiuchi (*mean*)	9	19 53.49	− 0.48	+ 5.91	297 49 49.95	42.958	− 1.09	−1 46.2	16 19 58.92	− 2.18	−23 13 47.7	− 1.2
2	B. D. −21°4366	9	23 42.40	− 0.47	+ 5.91	299 41 51.45	43.012	− 1.10	−1 38.4	16 23 47.84	− 2.15	−21 21 37.2	− 1.6
3	B. D. −22°4173	9	25 56.71	− 0.48	+ 5.91	298 27 50.52	42.652	− 1.10	−1 43.5	16 26 2.14	− 2.18	−22 35 51.4	− 1.6
4	τ Scorpii	9	29 58.58	− 0.51	+ 5.91	293 1 51.08	45.452	− 1.11	−2 11.6	16 30 3.98	.....	−28 1 15.0	....
5	C. P. D. −26°5690	9	32 44.73	− 0.50	+ 5.91	294 15 50.90	43.190	− 1.12	−2 4.3	16 32 50.14	− 2.27	−26 47 59.6	− 1.7
6	24 Scorpii	9	36 4.73	− 0.44	+ 5.91	303 29 50.48	42.592	− 1.12	−1 25.0	16 36 10.20	− 2.10	−17 33 34.4	− 2.5
7	C. P. D. −28°5395	9	39 4.21	− 0.51	+ 5.91	292 43 51.55	43.430	− 1.13	−2 13.6	16 39 9.61	− 2.31	−28 20 2.7	− 2.1
8	B. D. −21°4422	9	43 55.20	− 0.47	+ 5.91	299 21 50.80	44.222	− 1.14	−1 39.8	16 44 0.64	− 2.18	−21 41 11.6	− 2.7
9	B. D. −16°4360	9	45 27.85	− 0.44	+ 5.91	304 39 50.68	43.770	− 1.14	−1 21.4	16 45 33.32	− 2.09	−16 23 3.7	− 3.1
10	C. P. D. −23°6414	9	49 6.63	− 0.48	+ 5.91	297 41 50.08	43.910	− 1.15	−1 47.0	16 49 12.06	− 2.21	−23 21 26.7	− 2.9
11	C. P. D. −27°5531 (*pr.*)	9	51 59.09	− 0.50	+ 5.91	293 35 51.70	43.968	− 1.16	−2 8.3	16 52 4.50	− 2.29	−27 27 45.0	− 3.0
12	B. D. −21°4478	9	54 50.22	− 0.46	+ 5.91	299 43 51.55	44.480	− 1.16	−1 38.4	16 54 55.67	− 2.17	−21 19 3.6	− 3.4
13	B. D. −15°4438	9	58 13.16	− 0.43	+ 5.91	305 17 50.12	46.795	− 1.17	−1 19.5	16 58 18.64	− 2.09	−15 43 53.2	− 3.7
14	C. P. D. −24°5813	9	2 7.30	− 0.48	+ 5.91	296 9 50.42	47.060	− 1.18	−1 54.2	17 2 12.73	− 2.24	−24 52 21.6	− 3.7
15	η Ophiuchi	9	4 55.81	− 0.43	+ **5.87**	305 25 50.58	45.265	− 1.19	−1 19.1	17 5 1.29	.....	−15 36 27.3	....
16	B. D. −16°4436	9	6 1.21	− 0.43	+ 5.91	304 39 50.45	45.340	− 1.19	−1 21.4	17 6 6.69	− 2.10	−16 22 28.1	− 4.1
17	B. D. −18°4459	9	8 22.23	− 0.44	+ 5.91	302 55 51.02	45.823	− 1.20	−1 26.9	17 8 27.70	− 2.12	−18 6 22.0	− 4.2
18	α Herculis	9	10 17.98	− 0.33	+ **5.92**	335 29 52.32	49.150	− 1.20	− 25.7	17 10 23.56	.....	+14 29 56.4	....
19	ν Ophiuchi	5	53 47.69	− 0.41	+ **5.82**	311 15 51.62	46.742	− 1.33	−1 4.4	17 53 53.19	.....	− 9 45 38.0	....
20	γ Sagittarii	9	59 43.07	− 0.54	+ 5.91	290 37 50.95	45.760	− 1.36	−2 28.9	17 59 48.44	.....	−30 25 25.6	....
21	C. P. D. −27°6176	9	2 55.78	− 0.52	+ 5.91	293 15 51.48	44.195	− 1.37	−2 10.8	18 3 1.17	− 2.23	−27 47 42.8	− 7.4
22	B. D. −19°4886 (*mean*)	9	5 37.17	− 0.46	+ 5.91	301 11 51.02	43.065	− 1.38	−1 33.2	18 5 42.62	− 2.09	−19 51 31.5	− 7.0
23	C. P. D. −29°5425	9	9 1.02	− 0.53	+ 5.91	291 11 51.18	47.040	− 1.40	−2 24.7	18 9 6.40	− 2.25	−29 50 52.0	− 7.9
24	C. P. D. −28°6497	9	11 23.29	− 0.52	+ 5.91	292 21 50.10	46.570	− 1.41	−2 16.6	18 11 28.68	− 2.22	−28 40 55.7	− 7.9
25	B. D. −18°4896 (*mean*)	9	13 8.65	− 0.46	+ 5.91	302 23 50.40	43.690	− 1.42	−1 29.0	18 13 14.10	− 2.06	−18 39 13.7	− 7.2
26	B. D. −22°4693	9	16 17.78	− 0.48	+ 5.91	298 5 50.12	43.020	− 1.43	−1 45.7	18 16 23.21	− 2.11	−22 57 45.9	− 7.7
27	109 Herculis	9	19 37.93	− 0.32	+ **5.87**	342 43 53.05	48.140	− 1.45	− 17.6	18 19 43.52	.....	+21 43 41.9	....
28	C.P.D. −26°6463 (*mean*)	9	21 48.80	− 0.51	+ 5.91	294 21 51.08	45.090	− 1.46	−2 4.3	18 21 54.20	− 2.16	−26 41 16.3	− 8.3
29	C. P. D. −28°6576	9	24 30.26	− 0.52	+ 5.91	292 11 51.62	45.598	− 1.47	−2 17.8	18 24 35.65	− 2.19	−28 51 17.6	− 8.7
30	C. P. D. −24°6447	9	28 5.59	− 0.49	+ 5.91	296 57 50.55	42.555	− 1.49	−1 50.9	18 28 11.01	− 2.10	−24 6 1.4	− 8.4
31	C. P. D. −29°5610	9	29 56.41	− 0.53	+ 5.91	291 17 52.58	43.275	− 1.50	−2 24.2	18 30 1.79	− 2.19	−29 46 16.1	− 9.1
32	Uranus C, C	9	31 14.23	− 0.49	+ 5.91	297 29 50.00	42.160	− 1.51	−1 48.5	18 31 19.65	.....	−23 34 8.6	....
33	B. D. −20°5223	9	34 15.70	− 0.46	+ 5.91	300 53 50.70	44.150	− 1.52	−1 34.4	18 34 21.15	− 2.03	−20 9 8.3	− 8.3
34	B. D. −21°5118	9	37 52.94	− 0.47	+ 5.91	300 1 51.50	45.848	− 1.54	−1 37.7	18 37 58.38	− 2.03	−21 0 32.1	− 8.5
35	B. D. −22°4854	9	40 37.05	− 0.48	+ 5.91	298 33 50.75	44.150	− 1.55	−1 43.8	18 40 42.48	− 2.04	−22 29 17.7	− 8.8
36	C. P. D. −25°6614	9	43 48.38	− 0.50	+ 5.91	295 19 51.65	45.562	− 1.57	−1 59.1	18 43 53.79	− 2.08	−25 42 59.8	− 9.3
37	C. P. D. −29°5758	9	46 35.59	− 0.53	+ 5.91	291 33 52.25	45.800	− 1.58	−2 22.3	18 46 40.97	− 2.13	−29 29 17.0	− 9.9
38	B. D. −16°5078	9	50 2.69	− 0.44	+ 5.91	304 33 50.98	43.110	− 1.60	−1 22.2	18 50 8.16	− 1.94	−16 29 19.7	− 8.4
39	C. P. D. −25°6642	9	52 31.40	− 0.50	+ 5.91	296 3 51.15	42.908	− 1.61	−1 55.5	18 52 36.81	− 2.04	−24 59 57.4	− 9.6
40	ζ Sagittarii	9	56 34.65	− 0.53	+ 5.91	291 3 51.78	42.260	− 1.63	−2 26.2	18 56 40.03	.....	−30 0 42.3	....
41	B. D. −21°5233	9	58 39.43	− 0.48	+ 5.91	299 23 50.62	42.215	− 1.64	−1 40.5	18 58 44.86	− 1.97	−21 39 58.9	− 9.4
42	B. D. −18°5206	9	1 34.75	− 0.46	+ 5.91	302 9 51.40	44.825	− 1.65	−1 30.0	19 1 40.20	− 1.93	−18 52 47.9	− 9.2
43	π Sagittarii	9	4 6.99	− 0.47	+ 5.91	299 51 51.25	46.685	− 1.67	−1 38.5	19 4 12.43	.....	−21 10 14.1	....
44	C. P. D. −26°6735	9	15 53.58	− 0.51	+ 5.91	294 41 51.35	47.500	− 1.72	−2 2.8	19 15 58.98	− 1.97	−26 20 19.7	−10.8
45	C. P. D. −24°6721	9	19 29.89	− 0.50	+ 5.91	296 21 50.70	44.598	− 1.74	−1 54.1	19 19 35.30	− 1.93	−24 41 18.0	−10.7
46	B. D. −21°5410	9	25 15.79	− 0.47	+ 5.91	299 31 50.48	46.655	− 1.77	−1 40.0	19 25 21.23	− 1.87	−21 30 17.1	−10.4
47	B. D. −18°5432	9	31 32.48	− 0.45	+ 5.91	302 35 50.65	46.302	− 1.80	−1 28.7	19 31 37.94	− 1.82	−18 26 13.8	−10.0
48	C. P. D. −23°7546	9	34 24.62	− 0.49	+ 5.91	297 23 49.68	46.640	− 1.81	−1 49.2	19 34 30.04	− 1.85	−23 38 27.5	−11.1
	June 12, Br.												
49	Sun I, N	9	18 39.42	− 0.34	+ 5.77	344 23 55.25	47.430	− 1.78	− 15.6	5 18 44.85	+68.85	+23 23 29.6	....
50	Sun II, S	9	20 57.12	− 0.34	+ 5.77	343 51 55.08	48.735	− 1.78	− 16.2	5 21 2.55	−68.85	+22 51 58.5	....
	June 14, Br.												
51	Uranus C, C	9	30 44.37	− 0.51	+ 5.62	297 27 52.82	46.174	− 2.65	−1 47.2	18 30 49.48	.....	−23 34 33.9	....
	June 15, Br.												
52	Sun I, N	9	31 6.63	− 0.30	+ 5.62	344 33 56.62	47.562	− 2.42	− 15.1	5 31 11.95	+68.89	+23 33 33.8	....
53	Sun II, S	9	33 24.41	− 0.30	+ 5.62	344 1 57.38	48.795	− 2.42	− 15.6	5 33 29.73	−68.89	+23 2 2.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 16 21	29.84	63.7	61.8
16 47	......	....	61.2
17 12	29.85	62.1	60.7
17 51	29.855	62.0	59.8
18 15	......	....	59.1
18 42	29.855	60.2	58.5
19 6	......	....	57.7
19 36	29.86	59.0	56.8
12 5 21	29.80	70.2	67.1
14 18 31	29.83	65.1	64.1
15 5 33	29.82	75.8	75.4

Micrometer bisections are made at II, VI, except as noted below.

15, 30, 49, 52.	Bisections at I, II.
18, 35, 37, 39, 40, 43, 48.	Bisections at II, VII.
31.	Bisections at I, VI.
32, 51.	Bisections at I, II, VI, VII.
45, 50, 53.	Bisections at VI, VII.

Notes.

1–48. Somewhat unsteady.
19. Clouds.
22. Not separated.
40. Faint.
49. Micrometer reading increased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
32	+ 0.4	.. ....	...	+ 0.4
49	+ 2.3	−15 45.5	...	−15 43.2
50	+ 2.4	+15 45.5	...	+15 47.9
51	+ 0.4	.. ....	...	+ 0.4
52	+ 2.3	−15 45.8	...	−15 43.5
53	+ 2.3	+15 45.8	...	+15 48.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mercury C, C.	9	8 36.52	− 0.31	+ 5.62	346 5 56.92	47.905	− 1.38	− 13.5	6 8 41.83	+ 0.01	+25 5 44.6	....
2	Venus I, C.	7	45 26.83	− 0.34	+ 5.61	344 1 56.38	47.264	− 1.38	− 15.5	7 45 32.10	+ 0.45	+23 1 27.4	....
3	Venus II	7	45 27.60	− 0.34	+ 5.61	... .	......	.. ....	.....	7 45 32.87	− 0.32	.. ..	....
	June 18, Hl.												
4	Sun I, N.	9	43 35.13	− 0.33	+ 5.49	344 41 56.35	43.225	− 0.74	− 14.9	5 43 40.29	+68.87	+23 39 56.3	....
5	Sun II, S.	9	45 52.88	− 0.33	+ 5.49	344 9 56.30	44.548	− 0.74	− 15.4	5 45 58.04	−68.88	+23 8 26.0	....
	June 21, Hl.												
6	Sun I, S.	9	56 4.34	− 0.31	+ 5.38	344 11 56.68	46.342	− 1.22	− 15.3	5 56 9.41	+68.99	+23 11 7.0	....
7	Sun II, N.	9	58 22.32	− 0.31	+ 5.38	344 43 56.52	45.010	− 1.22	− 14.7	5 58 27.39	−68.99	+23 42 37.0	....
8	Venus I, C.	9	15 55.10	− 0.39	+ 5.38	342 39 58.65	44.492	− 0.66	− 16.8	8 16 0.09	+ 0.41	+21 38 25.7	....
9	Venus II.	9	15 55.79	− 0.39	+ 5.38	... .	......	.. ....	.....	8 16 0.78	− 0.28	.. ..	....
	June 22, Br.												
10	Sun I, S.	9	0 14.18	− 0.34	+ 5.34	344 12 9.92	45.822	− 1.04	− 15.3	6 0 19.18	+68.98	+23 11 8.5	....
11	Sun II, N.	9	2 32.14	− 0.34	+ 5.34	344 44 7.70	44.792	− 1.04	− 14.8	6 2 37.14	−68.98	+23 42 43.3	....
12	Mercury C, C.	9	10 15.77	− 0.34	+ 5.34	345 28 0.25	44.148	− 0.50	− 14.0	7 10 20.77	+ 0.03	+24 26 22.4	....
13	α Ursæ Minoris S. P.	7	24 57.24	+ 8.92	+ 5.33	52 12	......	....	.....	1 25 11.49	.....	+88 48	....
14	*m* Virginis	9	36 37.04	− 0.41	[+ 5.30]	312 48	......	....	.....	13 36 41.96	.....	− 8 13	....
15	89 Virginis	9	44 42.29	− 0.44	[+ 5.34]	303 22	......	....	.....	13 44 47.18	.....	−17 40	....
16	η Boötis	9	50 8.73	− 0.38	[+ 5.37]	339 54	......	....	.....	13 50 13.68	.....	+18 52	....
17	τ Virginis	9	56 48.12	− 0.39	[+ 5.32]	323 2	......	....	.....	13 56 53.06	.....	+ 1 59	....
18	57 B. Ursæ Minoris	5	7 28.88	− 4.69	+ 5.32	48 36	......	....	.....	15 7 29.51	.....	+87 35	....
	June 22, Ei.-Y.												
19	109 Virginis	9	41 26.23	− 0.39	+ 5.47	323 20	......	....	....	14 41 31.28	.....	+ 2 17	....
20	α Libræ	9	45 37.32	− 0.43	+ 5.45	305 23 55.12	43.148	+ 0.03	−1 17.1	14 45 42.33	.....	−15 39 8.0	....
21	ξ² Libræ	9	51 36.63	− 0.42	+ 5.47	309 59 57.62	45.930	+ 0.03	−1 5.3	14 51 41.65	.....	−11 1 50.1	....
22	B. D. −20°4164	9	6 5.56	− 0.45	+ 5.44	300 5 57.50	43.358	+ 0.03	−1 34.5	15 6 10.55	− 1.94	−20 57 18.2	+ 3.0
23	ε Coronæ Borealis	9	53 38.36	− 0.37	+ 5.46	348 9 59.28	46.112	+ 0.03	− 11.5	15 53 43.43	.....	+27 9 9.4	....
24	B. D. −19°4357	9	13 34.46	− 0.43	+ 5.44	301 3 55.38	43.260	+ 0.03	−1 31.2	16 13 39.47	− 2.15	−19 59 19.2	− 1.2
25	B. D. −19°4368	9	19 54.01	− 0.43	+ 5.44	301 25 54.95	43.495	+ 0.03	−1 29.9	16 19 59.02	− 2.16	−19 37 13.0	− 1.6
26	B. D. −18°4287	9	24 12.11	− 0.43	+ 5.44	302 33 56.02	46.370	+ 0.03	−1 26.0	16 24 17.12	− 2.15	−18 28 2.3	− 2.0
27	B. D. −17°4591	9	26 10.20	− 0.42	+ 5.44	303 31 54.95	44.845	+ 0.03	−1 23.0	16 26 15.22	− 2.25	−17 30 35.3	− 2.2
28	B. D. −18°4295	9	29 59.27	− 0.43	+ 5.44	302 33 56.15	44.758	+ 0.03	−1 26.1	16 30 4.28	− 2.16	−18 28 39.2	− 2.3
29	B. D. −17°4606	9	32 58.55	− 0.43	+ 5.44	302 59 55.55	46.792	+ 0.03	−1 24.6	16 33 3.56	− 2.16	−18 1 51.8	− 2.5
30	B. D. −16°4327	9	36 6.56	− 0.42	+ 5.44	304 17 56.02	43.480	+ 0.03	−1 20.7	16 36 11.58	− 2.15	−16 45 3.1	− 2.8
31	B. D. −22°4205	9	39 26.58	− 0.45	+ 5.44	298 1 55.08	45.912	+ 0.03	−1 43.1	16 39 31.57	− 2.26	−23 0 30.8	− 2.3
32	18 Ophiuchi	9	43 58.32	− 0.45	+ 5.44	296 33 56.20	46.158	+ 0.03	−1 49.8	16 44 3.31	− 2.30	−24 28 30.8	− 2.4
33	B. D. −18°4336	9	45 37.04	− 0.43	+ 5.44	301 59 56.00	47.915	+ 0.03	−1 28.0	16 45 42.05	− 2.20	−19 1 29.1	− 3.1
34	C. P. D. −24°5768	9	49 11.17	− 0.45	+ 5.44	296 41 55.70	44.180	+ 0.03	−1 49.2	16 49 16.16	− 2.30	−24 21 15.9	− 2.7
35	B. D. −19°4474	9	52 18.58	− 0.43	+ 5.44	301 23 55.42	45.005	+ 0.03	−1 30.1	16 52 23.59	− 2.22	−19 38 38.2	− 3.4
36	B. D. −20°4606	9	55 38.22	− 0.44	+ 5.44	300 45 54.90	42.092	+ 0.03	−1 32.5	16 55 43.22	− 2.23	−20 17 47.7	− 3.5
37	C. P. D. −28°5517	9	58 29.71	− 0.47	+ 5.44	292 37 55.95	41.725	+ 0.03	−2 11.6	16 58 34.68	− 2.40	−28 26 34.1	− 3.0
38	B. D. −17°4717	9	2 44.45	− 0.42	+ 5.44	303 33 56.62	43.650	+ 0.03	−1 23.0	17 2 49.47	− 2.20	−17 29 0.9	− 4.2
39	η Ophiuchi	9	4 56.32	− 0.42	+ 5.44	305 25 56.18	44.895	+ 0.03	−1 17.4	17 5 1.34	.....	−15 36 27.3	....
40	C. P. D. −26°5845	9	6 17.34	− 0.46	+ 5.44	294 7 56.82	44.232	+ 0.03	−2 2.5	17 6 22.32	− 2.37	−26 55 26.9	− 3.6
41	B. D. −19°4569	9	9 17.59	− 0.43	+ 5.44	301 17 55.18	43.505	+ 0.03	−1 30.6	17 9 22.60	− 2.24	−19 45 13.2	− 4.4
42	C. P. D. −26°5866	9	11 46.34	− 0.46	+ 5.44	294 31 55.42	44.115	+ 0.03	−2 0.2	17 11 51.32	− 2.37	−26 31 28.6	− 4.0
43	B. D. −17°4773	9	14 22.19	− 0.42	+ 5.44	303 23 55.48	42.650	+ 0.03	−1 23.6	17 14 27.21	− 2.21	−17 39 25.5	− 4.8
44	B. D. −17°4789	9	16 52.35	− 0.42	+ 5.44	303 47 55.40	44.182	+ 0.03	−1 22.3	17 16 57.37	− 2.21	−17 14 49.3	− 4.9
45	C. P. D. −24°5888	9	19 18.73	− 0.45	+ 5.44	296 53 55.72	43.755	+ 0.03	−1 48.4	17 19 23.72	− 2.32	−24 9 24.8	− 4.6
46	B. D. −22°4349	9	22 58.39	− 0.44	+ 5.44	298 31 55.65	46.830	+ 0.03	−1 41.1	17 23 3.39	− 2.30	−22 30 7.3	− 4.9
47	B. D. −17°4841	9	27 28.07	− 0.42	+ 5.44	303 35 55.08	47.388	+ 0.03	−1 22.9	17 27 33.09	− 2.21	−17 25 36.9	− 5.5
48	ξ Serpentis	9	32 9.38	− 0.42	+ 5.43	305 41 54.98	45.335	+ 0.03	−1 16.7	17 32 14.40	.....	−15 20 17.7	....
49	C. P. D. −23°6631	9	35 3.11	− 0.45	+ 5.44	297 15 55.10	44.635	+ 0.03	−1 46.7	17 35 8.10	− 2.32	−23 47 3.6	− 5.6
50	B. D. −16°4603	9	38 50.02	− 0.42	+ 5.44	304 13 56.30	43.125	+ 0.03	−1 21.0	17 38 55.04	− 2.21	−16 49 11.2	− 6.0
51	C. P. D. −26°5987	9	42 32.48	− 0.46	+ 5.44	294 5 55.58	47.045	+ 0.03	−2 2.7	17 42 37.46	− 2.38	−26 56 24.0	− 5.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 6 10	29.81	76.7	77.0
8 46	29.775	79.1	78.4
18 5 46	29.64	76.1	74.2
21 5 58	29.79	81.4	81.0
8 16	29.755	82.9	82.1
22 6 3	29.68	78.7	78.5
7 10	29.66	79.8	80.0
14 53	29.63	72.2	70.8
15 51	29.62	70.8	69.4
16 17	......	....	68.8
16 41	29.625	69.7	68.3
17 0	......	....	68.1
17 29	29.63	69.0	67.8

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 8, 12.	Bisections at I, II, VI, VII.
4, 6, 10, 22, 39.	Bisections at I, II.
5, 7, 11.	Bisections at VI, VII.
35, 41, 48.	Bisections at II, VII.
42.	Bisection at II.

Notes.

13–18, 25.	Clouds.
13, 29–31.	Unsteady.
18, 22.	Very faint.
19–51.	Images poor at times.
48, 49.	Fuzzy.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 1.6	.. ....	0.0	+ 1.6
2	+ 1.7	.. ....	0.0	+ 1.7
4	+ 2.2	−15 45.1	...	−15 42.9
5	+ 2.3	+15 45.1	...	+15 47.4
6	+ 2.3	+15 44.9	...	+15 47.2
7	+ 2.2	−15 45.0	...	−15 42.8
8	+ 1.9	.. ....	0.0	+ 1.9
10	+ 2.3	+15 47.4	...	+15 49.7
11	+ 2.2	−15 47.3	...	−15 45.1
12	+ 1.8	.. ....	0.0	+ 1.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −21°4751	9	44 56.97	− 0.44	+ 5.44	299 7 55.62	46.888	+ 0.03	−1 38.7	17 45 1.97	− 2.29	−21 54 3.6	− 6.2
2	B. D. −16°4639	9	46 49.72	− 0.42	+ 5.44	304 5 56.85	44.750	+ 0.03	−1 21.4	17 46 54.74	− 2.21	−16 56 33.9	− 6.4
3	C. P. D. −28°6043	9	50 43.12	− 0.47	+ 5.44	292 59 57.12	45.855	+ 0.03	−2 9.2	17 50 48.09	− 2.40	−28 2 56.2	− 6.4
4	C. P. D. −25°6223	9	54 9.58	− 0.46	+ 5.44	295 57 55.58	45.865	+ 0.03	−1 52.9	17 54 14.56	− 2.34	−25 4 41.2	− 6.6
5	C. P. D. −27°6011	9	56 56.42	− 0.47	+ 5.44	293 13 56.15	44.398	+ 0.03	−2 7.9	17 57 1.39	− 2.39	−27 49 29.1	− 6.8
6	C. P. D. −24°6144	9	58 3.94	− 0.45	+ 5.44	296 41 54.58	43.180	+ 0.03	−1 49.4	17 58 8.93	− 2.32	−24 21 40.0	− 6.9
7	C. P. D. −23°6857	9	2 0.18	− 0.45	+ 5.44	297 55 55.88	45.050	+ 0.03	−1 43.8	18 2 5.17	− 2.30	−23 6 50.4	− 7.1
8	C. P. D. −24°6255	9	3 52.10	− 0.45	+ 5.44	296 19 56.15	43.078	+ 0.03	−1 51.2	18 3 57.09	− 2.32	−24 43 42.6	− 7.2
9	μ Sagittarii	9	8 5.81	− 0.44	+ 5.44	299 57 55.62	44.540	+ 0.03	−1 35.6	18 8 10.81	.....	−21 4 54.2	....
10	B. D. −18°4864	9	9 56.59	− 0.43	+ 5.44	302 21 56.05	43.082	+ 0.03	−1 27.1	18 10 1.60	− 2.22	−18 41 18.6	− 7.5
11	C. P. D. −27°6359	9	12 7.59	− 0.46	+ 5.44	293 59 56.48	41.555	+ 0.03	−2 3.6	18 12 12.57	− 2.36	−27 4 29.5	− 7.7
12	η Serpentis	9	16 23.77	− 0.38	**+ 5.41**	318 5 56.98	46.742	+ 0.03	− 49.6	18 16 28.83	.....	− 2 55 16.5	....
13	Uranus C, C.	9	29 21.63	− 0.45	+ 5.44	297 27 54.95	43.052	+ 0.03	−1 46.1	18 29 26.62	.....	−23 35 39.3	....
14	d Sagittarii	9	12 5.28	− 0.43	**+ 5.42**	301 53 54.32	49.120	+ 0.03	−1 28.5	19 12 10.29	.....	−19 7 3.7	....
	June 23, Bs.												
15	Sun I, N.	9	4 23.59	− 0.34	+ 5.53	344 43 58.52	44.178	− 0.68	− 14.7	6 4 28.78	+68.97	+23 42 20.5	....
16	Sun II, S.	9	6 41.53	− 0.34	+ 5.53	344 11 59.62	45.335	− 0.68	− 15.2	6 6 46.72	−68.97	+23 10 47.5	....
	June 24, Hl.												
17	109 Herculis	9	19 38.70	− 0.34	**+ 5.27**	342 44	......	....	.....	18 19 43.58	.....	+21 43	....
18	4 H. Scuti	9	37 4.97	− 0.38	**+ 5.21**	311 54	......	....	.....	18 37 9.81	.....	− 9 8	....
19	110 Herculis	9	41 34.20	− 0.34	**+ 5.16**	341 28	......	....	.....	18 41 39.08	.....	+20 27	....
20	θ Serpentis	9	51 29.98	− 0.36	**+ 5.21**	325 6	......	....	.....	18 51 34.84	.....	+ 4 5	....
21	ε Aquilæ	9	55 18.55	− 0.34	**+ 5.21**	335 58	......	....	.....	18 55 23.43	.....	+14 56	....
22	ζ Aquilæ	9	1 2.53	− 0.34	**+ 5.24**	334 44	......	....	.....	19 1 7.41	.....	+13 43	....
	June 25, Hl.												
23	Sun I, N.	9	12 43.00	− 0.30	+ 5.20	344 41 58.58	44.278	− 1.14	− 14.9	6 12 47.90	+68.92	+23 40 22.2	....
24	Sun II, S.	8	15 0.85	− 0.30	+ 5.20	344 10 11.05	45.060	− 1.14	− 15.4	6 15 5.75	−68.93	+23 8 52.0	....
25	Venus I, C.	9	35 47.92	− 0.38	+ 5.19	341 31 58.70	46.626	− 0.98	− 18.0	8 35 52.73	+ 0.46	+20 31 13.0	....
	June 25, Ei.-Y.												
26	μ Serpentis	9	44 39.77	− 0.41	**+ 5.30**	317 53 58.35	43.508	− 0.32	− 49.8	15 44 44.66	.....	− 3 8 29.6	....
27	ε Serpentis	9	46 4.66	− 0.40	**+ 5.29**	325 47 56.45	43.590	− 0.32	− 37.4	15 46 9.56	.....	+ 4 45 42.7	....
28	C. P. D. −24°5613	9	52 53.87	− 0.48	+ 5.30	296 29 55.58	43.205	− 0.32	−1 50.0	15 52 58.69	− 2.18	−24 33 39.4	+ 1.0
29	49 Libræ	9	55 0.10	− 0.44	+ 5.30	304 47 55.78	42.525	− 0.32	−1 19.2	15 55 4.96	.....	−16 15 24.0	....
30	C. P. D. −26°5591	9	59 14.50	− 0.48	+ 5.30	294 21 56.45	44.285	− 0.32	−2 1.0	15 59 19.32	− 2.24	−26 41 24.9	+ 1.0
31	B. D. −16°4219	9	1 39.76	− 0.44	+ 5.30	304 21 55.55	42.698	− 0.32	−1 20.5	16 1 44.62	− 2.06	−16 41 21.6	− 1.0
32	C. P. D. −24°5660	9	4 28.02	− 0.47	+ 5.30	296 43 56.58	42.030	− 0.32	−1 49.0	16 4 32.85	− 2.21	−24 20 4.3	+ 0.3
33	B. D. −15°4266	9	7 26.99	− 0.44	+ 5.30	305 15 55.15	44.850	− 0.32	−1 17.8	16 7 31.85	− 2.07	−15 46 30.1	− 1.4
34	B. D. −18°4249	9	9 10.88	− 0.45	+ 5.30	302 45 55.15	42.178	− 0.32	−1 25.5	16 9 15.73	− 2.11	−18 17 38.9	− 1.1
35	C. P. D. −28°5311	9	12 25.45	− 0.49	+ 5.30	292 39 55.75	46.260	− 0.32	−2 11.1	16 12 30.26	− 2.32	−28 22 50.6	+ 0.4
36	B. D. −21°4341	9	15 6.50	− 0.46	+ 5.30	299 25 56.60	44.675	− 0.32	−1 37.4	16 15 11.34	− 2.19	−21 36 52.2	− 0.9
37	γ Herculis	9	17 43.28	− 0.39	**+ 5.33**	340 23 58.40	44.990	− 0.32	− 19.6	16 17 48.19	.....	+19 22 34.4	....
38	C. P. D. −24°5695	9	19 41.02	− 0.47	+ 5.30	296 47 55.95	45.025	− 0.32	−1 48.6	16 19 45.85	− 2.25	−24 14 56.0	− 0.7
39	α Scorpii	9	23 35.99	− 0.48	+ 5.30	294 49 55.00	44.258	− 0.32	−1 58.5	16 23 40.81	.....	−26 13 24.4	....
40	B. D. −16°4298	9	25 42.67	− 0.44	+ 5.30	304 37 55.82	45.040	− 0.32	−1 19.7	16 25 47.53	− 2.12	−16 24 27.0	− 2.3
41	B. D. −14°4455	9	31 0.83	− 0.43	+ 5.30	306 35 56.02	43.742	− 0.32	−1 14.2	16 31 5.70	− 2.11	−14 26 50.9	− 2.9
42	B. D. −22°4182	9	32 38.66	− 0.46	+ 5.30	298 21 55.05	41.620	− 0.32	−1 41.8	16 32 43.50	− 2.25	−22 42 8.0	− 1.8
43	C. P. D. −24°5720	9	35 51.68	− 0.47	+ 5.30	296 45 56.25	44.515	− 0.32	−1 48.8	16 35 56.51	− 2.29	−24 17 7.6	− 1.7
44	C. P. D. −27°5463	9	38 24.77	− 0.48	+ 5.30	293 45 56.52	46.175	− 0.32	−2 4.4	16 38 29.59	− 2.36	−27 16 45.0	− 1.5
45	B. D. −20°4563	9	43 25.66	− 0.45	+ 5.30	300 45 56.40	43.162	− 0.32	−1 32.4	16 43 30.51	− 2.23	−20 17 22.0	− 2.7
46	C. P. D. −27°5499	9	45 10.93	− 0.48	+ 5.30	293 13 56.58	45.475	− 0.32	−2 7.6	16 45 15.75	− 2.38	−27 49 4.2	− 1.9
47	B. D. −21°4443	9	48 58.82	− 0.45	+ 5.30	299 19 55.10	43.120	− 0.32	−1 37.8	16 49 3.67	− 2.26	−21 43 29.7	− 2.9
48	B. D. −19°4471 (*fol.*)	9	51 29.86	− 0.44	+ 5.30	301 39 54.90	42.938	− 0.32	−1 29.2	16 51 34.72	− 2.23	−19 23 25.5	− 3.3
49	C. P. D. −28°5491	9	54 31.72	− 0.48	+ 5.30	292 33 57.50	44.350	− 0.32	−2 11.8	16 54 36.54	− 2.41	−28 29 33.1	− 2.4
50	C. P. D. −25°5921	9	58 11.13	− 0.47	+ 5.30	295 29 55.28	43.035	− 0.32	−1 55.1	16 58 15.96	− 2.35	−25 33 48.7	− 3.0
51	C. P. D. −26°5818	9	1 1.21	− 0.47	+ 5.30	294 39 55.95	45.032	− 0.32	−1 59.4	17 1 6.04	− 2.38	−26 23 6.7	− 3.1
52	η Ophiuchi	9	4 56.52	− 0.42	**+ 5.25**	305 25 55.12	44.955	− 0.32	−1 17.4	17 5 1.40	.....	−15 36 27.3	....
53	C. P. D. −29°4601	9	5 56.81	− 0.48	+ 5.30	291 41 57.32	45.170	− 0.32	−2 17.6	17 6 1.63	− 2.45	−29 21 20.3	− 3.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 17 55	......	....	67.3
18 18	29.625	68.4	66.8
18 31	......	....	66.4
19 9	29.62	67.9	66.8
19 32	......	....	66.2
23 6 7	29.69	79.9	81.0
25 6 15	29.87	80.0	79.0
8 39	29.85	82.7	81.7
15 42	29.85	74.0	72.7
16 6	......	....	72.1
16 27	29.84	73.2	72.0
16 53	......	....	71.8

Micrometer bisections are made at II, VI, except as noted below.

1, 6, 8, 14, 31, 33, 38, 39. Bisections at II, VII.
5, 15, 23, 26, 52. Bisections at I, II.
13, 25. Bisections at I, II, VI, VII.
16, 24, 53. Bisections at VI, VII.

Notes.

1–14. Images very poor.
17, 22. Haze and clouds.
26–53. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
13	+ 0.4	.. ....	...	+ 0.4
15	+ 2.2	−15 46.5	...	−15 44.3
16	+ 2.3	+15 46.4	...	+15 48.7
23	+ 2.2	−15 45.0	...	−15 42.8
24	+ 2.3	+15 45.1	...	+15 47.4
25	+ 2.1	.. ....	0.0	+ 2.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D. −26°5854	9	8 20.49	− 0.47	+ 5.30	294 11 56.18	42.070	− 0.32	−2 2.2	17 8 25.32	− 2.39	−26 52 16.9	− 3.6
2	B. D. −17°4759	9	11 13.04	− 0.43	+ 5.30	303 13 55.20	45.188	− 0.32	−1 24.0	17 11 17.91	− 2.23	−17 48 28.5	− 4.6
3	B. D. −22°4318	9	13 11.89	− 0.45	+ 5.30	298 25 55.32	46.200	− 0.32	−1 41.5	17 13 16.74	− 2.31	−22 36 22.8	− 4.2
4	θ Ophiuchi	9	16 11.71	− 0.46	+ 5.30	296 7 55.28	46.895	− 0.32	−1 51.9	17 16 16.55	....	−24 54 17.3	....
5	B. D. −21°4597	9	19 2.09	− 0.44	+ 5.30	299 41 55.98	43.908	− 0.32	−1 36.5	17 19 6.95	− 2.30	−21 21 9.5	− 4.7
6	C. P. D. −28°5659	9	22 27.36	− 0.48	+ 5.30	292 3 56.55	46.732	− 0.32	−2 15.1	17 22 32.18	− 2.45	−28 58 43.0	− 4.3
7	C. P. D. −28°5694	8	25 58.80	− 0.47	+ 5.30	292 59 56.65	46.352	− 0.32	−2 9.2	17 26 3.63	− 2.43	−28 2 45.6	− 4.6
8	B. D. −20°4823	9	31 52.26	− 0.44	+ 5.30	300 25 56.02	42.128	− 0.32	−1 33.8	17 31 57.12	− 2.29	−20 37 47.4	− 5.5
9	B. D. −17°4871	9	33 34.53	− 0.42	+ 5.30	303 39 54.98	42.605	− 0.32	−1 22.8	17 33 39.41	− 2.24	−17 23 26.6	− 5.8
10	B. D. −21°4712	9	37 45.22	− 0.44	+ 5.30	299 23 54.82	46.635	− 0.32	−1 37.7	17 37 50.08	− 2.31	−21 38 9.5	− 5.7
11	β Ophiuchi	9	38 46.87	− 0.38	+ 5.30	325 37 56.80	45.655	− 0.32	− 37.8	17 38 51.79	....	+ 4 36 29.9	....
12	B. D. −20°4874	9	41 52.22	− 0.44	+ 5.30	300 13 55.05	46.842	− 0.32	−1 34.5	17 41 57.08	− 2.30	−20 48 1.4	− 6.0
13	C. P. D. −24°5966	9	44 10.03	− 0.45	+ 5.30	296 51 55.70	46.175	− 0.32	−1 48.6	17 44 14.88	− 2.36	−24 10 30.0	− 6.0
14	B. D. −19°4725	9	46 12.44	− 0.43	+ 5.30	301 31 55.55	47.235	− 0.32	−1 29.8	17 46 17.31	− 2.28	−19 29 47.2	− 6.3
15	C. P. D. −26°6092	9	50 29.79	− 0.46	+ 5.30	294 17 56.12	44.695	− 0.32	−2 1.8	17 50 34.63	− 2.41	−26 45 16.6	− 6.2
16	B. D. −22°4474	9	53 13.68	− 0.44	+ 5.30	298 31 55.40	46.158	− 0.32	−1 41.3	17 53 18.54	− 2.33	−22 30 23.4	− 6.6
17	C. P. D. −24°6084	9	54 23.29	− 0.45	+ 5.30	296 45 55.20	46.238	− 0.32	−1 49.1	17 54 28.14	− 2.36	−24 16 29.6	− 6.6
18	C. P. D. −24°6126	9	57 2.98	− 0.45	+ 5.30	296 45 55.12	45.445	− 0.32	−1 49.2	17 57 7.83	− 2.36	−24 16 47.9	− 6.7
19	C. P. D. −24°6201	9	59 22.11	− 0.45	+ 5.30	296 37 54.78	47.278	− 0.32	−1 49.8	17 59 26.96	− 2.36	−24 24 7.0	− 6.8
20	72 Ophiuchi	9	2 50.69	− 0.37	+ 5.33	330 33 57.10	47.088	− 0.32	− 31.2	18 2 55.62	....	+ 9 33 9.5	....
21	*o* Herculis	9	3 49.74	− 0.37	+ 5.29	349 45 58.02	45.988	− 0.32	− 10.0	18 3 54.67	....	+28 45 6.4	....
22	Uranus C, C	9	28 50.16	− 0.43	+ 5.30	297 25 55.35	47.272	− 0.32	−1 46.2	18 28 55.03	....	−23 36 2.9	....
23	θ Serpentis	9	51 29.93	− 0.35	+ 5.27	325 5 57.15	47.000	− 0.32	− 38.7	18 51 34.88	....	+ 4 5 0.1	....
24	ε Aquilæ	9	55 18.46	− 0.34	+ 5.31	335 57 57.12	45.240	− 0.32	− 24.7	18 55 23.42	....	+14 56 33.7	....
25	C. P. D. −24°6583	9	58 2.03	− 0.43	+ 5.30	296 59 55.12	42.145	− 0.32	−1 48.6	18 58 6.90	− 2.27	−24 4 2.7	−10.0
26	B. D. −16°5153 (*south*)	9	1 25.11	− 0.40	+ 5.30	304 39 54.42	45.638	− 0.32	−1 20.1	19 1 30.01	− 2.16	−16 22 15.1	− 9.6
27	C. P. D. −23°7376	9	3 1.05	− 0.42	+ 5.30	297 43 55.45	41.788	− 0.32	−1 45.3	19 3 5.93	− 2.25	−23 20 7.2	−10.2
28	C. P. D. −27°6662	9	8 4.12	− 0.44	+ 5.30	294 1 54.95	43.388	− 0.32	−2 3.9	19 8 8.98	− 2.29	−27 1 49.8	−10.6
29	C. P. D. −28°6852	9	10 51.87	− 0.45	+ 5.30	292 13 56.38	43.945	− 0.32	−2 14.9	19 10 56.72	− 2.32	−28 49 46.6	−10.9
30	C. P. D. −28°6867	9	12 36.38	− 0.44	+ 5.30	293 3 56.42	46.920	− 0.32	−2 9.5	19 12 41.24	− 2.30	−27 58 33.2	−11.0
31	C. P. D. −24°6689	9	14 56.01	− 0.43	+ 5.30	296 39 54.72	45.760	− 0.32	−1 50.1	19 15 0.88	− 2.23	−24 22 42.0	−10.8
32	B. D. −20°5516	9	17 3.91	− 0.41	+ 5.30	300 13 55.12	44.405	− 0.32	−1 35.0	19 17 8.80	− 2.18	−20 48 57.5	−10.6
33	C. P. D. −25°6802	9	20 56.62	− 0.44	+ 5.30	295 17 56.80	42.520	− 0.32	−1 57.0	19 21 1.48	− 2.24	−25 46 0.9	−11.2
34	B. D. −22°5127	9	24 40.31	− 0.42	+ 5.30	298 21 54.80	43.902	− 0.32	−1 42.5	19 24 45.19	− 2.18	−22 41 16.8	−11.0
35	C. P. D. −24°6757	9	28 50.84	− 0.43	+ 5.29	296 59 54.85	43.405	− 0.32	−1 48.6	19 28 55.70	− 2.19	−24 3 34.2	−11.4
36	B. D. −19°5521	9	30 54.61	− 0.41	+ 5.29	301 59 55.38	42.828	− 0.32	−1 28.7	19 30 59.49	− 2.12	−19 3 26.0	−10.9
37	C. P. D. −23°7543	9	34 7.83	− 0.43	+ 5.29	297 23 54.50	46.650	− 0.32	−1 46.6	19 34 12.69	− 2.16	−23 38 18.4	−11.5
38	C. P. D. −25°6870	8	36 37.75	− 0.43	+ 5.29	295 57 55.38	46.285	− 0.32	−1 53.5	19 36 42.61	− 2.18	−25 4 32.8	−11.8
39	*f* Sagittarii	9	40 50.04	− 0.41	+ 5.29	301 3 55.88	43.970	− 0.32	−1 32.0	19 40 54.92	− 2.10	−19 59 3.7	−11.4
40	C. P. D. −23°7590	9	44 37.19	− 0.42	+ 5.29	298 1 54.82	45.262	− 0.32	−1 43.9	19 44 42.06	− 2.12	−23 0 47.1	−11.9
41	B. D. −17°5776	9	47 0.60	− 0.40	+ 5.29	303 55 56.08	42.592	− 0.32	−1 22.4	19 47 5.49	− 2.05	−17 7 25.4	−11.2
42	C. P. D. −26°6880	9	50 2.26	− 0.44	+ 5.29	294 29 55.28	46.138	− 0.32	−2 1.1	19 50 7.11	− 2.14	−26 32 43.8	−12.5
43	B. D. −21°5588	9	54 49.06	− 0.42	+ 5.29	299 55 55.78	45.315	− 0.32	−1 36.1	19 54 53.93	− 2.06	−21 6 37.1	−12.0
44	C. P. D. −26°6910	9	57 15.66	− 0.44	+ 5.29	294 45 56.00	42.730	− 0.32	−1 59.8	19 57 20.51	− 2.11	−26 17 59.6	−12.8
45	B. D. −20°5814	9	0 56.85	− 0.41	+ 5.29	300 37 54.60	45.678	− 0.32	−1 33.5	20 1 1.73	− 2.03	−20 24 27.4	−12.1
46	C. P. D. −25°7008	9	4 24.06	− 0.43	+ 5.29	295 29 54.40	44.272	− 0.32	−1 55.8	20 4 28.92	− 2.07	−25 33 22.0	−12.9
47	C. P. D. −26°6950	9	7 11.79	− 0.44	+ 5.29	294 35 55.40	42.525	− 0.32	−2 0.7	20 7 16.64	− 2.07	−26 28 5.8	−13.2
48	B. D. −15°5597	9	10 2.90	− 0.39	+ 5.29	305 57 54.42	46.170	− 0.32	−1 16.4	20 10 7.80	− 1.96	−15 3 59.3	−11.5
49	α¹ Capricorni	9	12 23.32	− 0.38	+ 5.29	308 13 55.42	46.495	− 0.32	−1 10.4	20 12 28.23	....	−12 47 44.8	....
50	B. D. −13°5642	9	15 24.07	− 0.38	+ 5.29	307 59 55.95	42.928	− 0.32	−1 11.0	20 15 28.98	− 1.93	−13 3 6.4	−11.2
51	B. D. −13°5661	9	18 49.92	− 0.39	+ 5.29	307 19 56.05	46.500	− 0.32	−1 12.7	20 18 54.82	− 1.92	−13 41 46.4	−11.4
52	C. P. D. −26°7009	9	22 20.41	− 0.44	+ 5.29	295 7 54.60	45.852	− 0.32	−1 57.7	20 22 25.26	− 2.00	−25 54 47.6	−13.6
53	B. D. −18°5691	9	23 35.70	− 0.40	+ 5.29	302 51 54.30	44.318	− 0.32	−1 25.8	20 23 40.59	− 1.93	−18 10 51.1	−12.3
54	C. P. D. −25°7104	9	27 13.74	− 0.43	+ 5.29	295 47 54.60	43.910	− 0.32	−1 54.3	20 27 18.60	− 1.97	−25 15 28.6	−13.6
55	B. D. −21°5768	9	30 57.17	− 0.41	+ 5.29	300 7 55.00	45.860	− 0.32	−1 35.3	20 31 2.05	− 1.91	−20 54 24.7	−13.0
56	B. D. −15°5732	9	32 1.96	− 0.39	+ 5.29	305 33 55.08	45.615	− 0.32	−1 17.5	20 32 6.86	− 1.88	−15 28 12.4	−12.0
57	C. P. D. −24°7050	9	34 33.26	− 0.43	+ 5.29	296 55 55.55	45.310	− 0.32	−1 48.8	20 34 38.12	− 1.92	−24 6 50.1	−13.7
58	B. D. −21°5802	9	36 36.19	− 0.42	+ 5.29	299 25 55.32	46.070	− 0.32	−1 38.0	20 36 41.06	− 1.89	−21 36 22.3	−13.2
59	ψ Capricorni	9	40 28.96	− 0.44	+ 5.29	295 25 54.80	47.042	− 0.32	−1 56.0	20 40 33.81	....	−25 36 18.5	....
60	C. P. D. −23°7859	9	42 49.73	− 0.42	+ 5.29	297 57 55.48	45.415	− 0.32	−1 44.1	20 42 54.60	− 1.87	−23 4 43.1	−13.7
61	B. D. −13°5773	9	45 27.90	− 0.38	+ 5.29	308 7 55.90	47.355	− 0.32	−1 10.6	20 45 32.81	− 1.81	−12 53 24.9	−11.6
62	μ Aquarii	9	47 31.96	− 0.37	+ 5.31	311 41 55.05	45.520	− 0.32	−1 2.2	20 47 36.86	....	− 9 19 59.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 17 17	29.82	72.1	71.2
17 43	.....	....	70.7
18 6	29.83	71.0	70.0
18 27	.....	....	69.8
18 49	29.83	70.0	68.7
19 9	.....	....	68.2
19 32	29.82	69.0	68.1
19 56	.....	....	68.2
20 20	29.82	69.2	68.1
20 38	.....	....	68.6

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at II, VI, VII.
11.	Bisections at VI, VII.
13, 15, 17, 43, 44, 49, 57.	Bisections at II, VII.
20, 52.	Bisections at I, II.
22.	Bisections at I, II, VI, VII.

Notes.

3 Difficult.
11. One microscope reading decreased 10″.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
22	+ 0.4	......	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	19 Capricorni	9	49 26.17	− 0.40	+ 5.29	302 45 55.18	45.065	− 0.32	−1 26.0	20 49 31.06	− 1.81	−18 16 33.4	−12.8
2	B. D. −12°5876	9	52 50.42	− 0.38	+ 5.29	308 43 55.48	43.592	− 0.32	−1 9.2	20 52 55.33	− 1.78	−12 18 49.9	−11.6
3	C. P. D. −23°7896	9	55 54.61	− 0.42	+ 5.29	297 35 55.62	45.952	− 0.32	−1 45.8	20 55 59.48	− 1.81	−23 26 32.4	−14.0
4	θ Capricorni	9	0 36.77	− 0.40	+ **5.28**	303 25 54.90	45.955	− 0.32	−1 23.9	21 0 41.66	.....	−17 36 11.2	....
	June 26, Br.												
5	Sun I, N	8	16 52.48	− 0.38	+ 5.18	344 39 55.72	45.455	− 0.51	− 14.9	6 16 57.28	+68.90	+23 38 46.8	....
6	Sun II, S	9	19 10.29	− 0.38	+ 5.18	344 8 2.48	46.528	− 0.51	− 15.5	6 19 15.09	−68.91	+23 7 17.6	....
7	Mercury C, C	8	41 27.07	− 0.38	+ 5.17	344 17 57.18	47.628	− 0.49	− 15.3	7 41 31.86	+ 0.05	+23 17 37.9	....
	June 27, Bs.												
8	Sun I, S	8	21 1.39	− 0.33	+ 5.41	344 5 54.98	46.862	− 1.20	− 15.4	6 21 6.47	+68.99	+23 5 17.1	....
9	Sun II, N	5	23 19.38	− 0.33	+ 5.41	344 37 57.92	45.435	− 1.20	− 14.9	6 23 24.46	−69.00	+23 36 47.9	....
10	Venus I, C	9	45 35.88	− 0.33	+ 5.41	340 55 57.45	44.415	− 0.86	− 18.7	8 45 40.96	+ 0.47	+19 54 20.7	....
	June 27, Hl.												
11	α Delphini	9	35 13.51	− 0.35	+ **5.13**	336 36	......	....	.....	20 35 18.31	.....	+15 34	....
12	ε Aquarii	9	42 32.47	− 0.39	+ **5.12**	311 12	......	....	.....	20 42 37.23	.....	− 9 50	....
13	μ Aquarii	9	47 32.19	− 0.39	+ **5.14**	311 42	......	....	.....	20 47 36.95	.....	− 9 19	....
14	32 Vulpeculæ	9	50 30.42	− 0.36	+ **5.18**	348 42	......	....	.....	20 50 35.21	.....	+27 42	....
15	θ Capricorni	9	0 36.92	− 0.42	+ **5.20**	303 26	......	....	.....	21 0 41.65	.....	−17 36	....
16	ν Aquarii	9	4 25.52	− 0.39	+ **5.14**	309 16	......	....	.....	21 4 30.28	.....	−11 44	....
17	ζ Cygni	9	8 53.31	− 0.36	+ **5.15**	350 52	......	....	.....	21 8 58.10	.....	+29 50	....
	June 28, Hl.												
18	Sun I, S	8	25 10.89	− 0.32	+ 5.11	344 3 58.80	45.598	− 0.76	− 15.4	6 25 15.68	+68.86	+23 2 52.4	....
19	Sun II, N	9	27 28.62	− 0.32	+ 5.11	344 35 53.85	44.472	− 0.76	− 14.8	6 27 33.41	−68.87	+23 34 22.4	....
20	Mercury C, C	9	55 49.38	− 0.34	+ 5.11	343 36 0.10	43.244	− 0.56	− 15.8	7 55 54.15	+ 0.05	+22 33 59.8	....
	June 28, Br.												
21	51 H. Cephei s. p.	9	56 10.56	+ 3.37	....	53 48	......	....	.....	6 56	.....	+87 11	....
22	λ Ursæ Minoris	7	16 51.30	−10.00	....	50 0	......	....	.....	19 16	.....	+89 0	....
23	γ Sagittæ	9	54 31.95	− 0.34	+ **5.06**	340 14	......	....	.....	19 54	.....	+19 14	....
24	θ Aquilæ	9	6 24.60	− 0.36	+ **5.08**	319 56	......	....	.....	20 6	.....	− 1 5	....
	June 29, Br.												
25	Sun I, S	9	29 19.88	− 0.36	+ 5.08	344 1 55.82	43.410	+ 0.31	− 15.2	6 29 24.60	+68.82	+23 0 0.7	....
26	Sun II, N	9	31 37.52	− 0.36	+ 5.08	344 33 56.70	42.168	+ 0.31	− 14.7	6 31 42.24	−68.82	+23 31 33.8	....
27	Mercury C, C	9	2 41.93	− 0.37	+ 5.08	343 11 58.98	43.978	+ 0.42	− 16.0	8 2 46.64	+ 0.06	+22 10 16.2	....
28	Venus I, C	7	55 18.16	− 0.37	+ 5.07	340 15 59.08	46.991	+ 0.42	− 19.0	8 55 22.86	+ 0.49	+19 15 22.2	....
29	Venus II	7	55 18.97	− 0.37	+ 5.07	... .	......	....	. ....	8 55 23.67	− 0.32	.. ..	....
30	Moon I, N	9	50 47.57	− 0.33	+ 5.07	319 59 57.75	43.568	+ 1.01	− 44.7	12 50 52.31	+66.50	− 1 2 22.3	....
	June 29, Ei.-Y.												
31	η Ophiuchi	9	4 56.55	− 0.34	+ **5.16**	305 25 55.65	44.750	+ 1.11	−1 15.8	17 5 1.41	.....	−15 36 28.5	....
32	α Herculis	9	10 18.77	− 0.32	+ **5.21**	335 29 56.20	48.945	+ 1.11	− 24.6	17 10 23.65	.....	+14 29 59.1	....
33	C. P. D. −28°5600	9	11 42.76	− 0.38	+ 5.20	292 13 55.68	43.172	+ 1.11	−2 11.2	17 11 47.58	− 2.46	−28 49 59.9	− 3.4
34	B. D. −18°4489	9	13 56.18	− 0.35	+ 5.20	302 11 55.30	43.068	+ 1.11	−1 25.6	17 14 1.03	− 2.26	−18 51 17.0	− 4.6
35	C. P. D. −26°5883	9	16 30.38	− 0.37	+ 5.20	294 55 55.55	44.498	+ 1.11	−1 55.6	17 16 35.21	− 2.40	−26 7 14.1	− 4.0
36	B. D. −18°4516	9	19 4.21	− 0.35	+ 5.20	302 41 55.45	42.552	+ 1.11	−1 24.0	17 19 9.06	− 2.26	−18 21 27.1	− 4.9
37	B. D. −20°4775	9	22 37.24	− 0.36	+ 5.20	300 9 54.90	43.968	+ 1.11	−1 32.7	17 22 42.08	− 2.31	−20 53 4.0	− 4.9
38	C. P. D. −29°4767	9	27 1.32	− 0.38	+ 5.20	291 27 55.85	46.318	+ 1.11	−2 16.4	17 27 6.14	− 2.49	−29 34 53.0	− 4.3
39	B. D. −15°4622	9	32 9.88	− 0.34	+ 5.20	305 31 55.05	44.068	+ 1.11	−1 15.6	17 32 14.74	− 2.24	−15 30 44.4	− 5.9
40	C. P. D. −25°6038	9	34 43.57	− 0.37	+ 5.20	295 27 54.65	46.855	+ 1.11	−1 52.9	17 34 48.40	− 2.41	−25 34 18.4	− 5.2
41	B. D. −17°4903	9	38 37.30	− 0.35	+ 5.20	303 19 55.20	46.420	+ 1.11	−1 22.1	17 38 42.15	− 2.28	−17 41 57.0	− 6.0
42	B. D. −18°4645	9	41 54.60	− 0.35	+ 5.20	302 57 55.20	45.738	+ 1.11	−1 23.2	17 41 59.45	− 2.28	−18 4 13.7	− 6.1
43	C. P. D. −27°5802	9	44 25.86	− 0.37	+ 5.20	294 1 55.08	43.225	+ 1.11	−2 0.7	17 44 30.69	− 2.44	−27 1 48.7	− 5.6
44	B. D. −19°4728	9	46 44.43	− 0.35	+ 5.20	301 55 55.22	47.215	+ 1.11	−1 26.6	17 46 49.28	− 2.30	−19 5 43.3	− 6.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 21 2	29.82	69.0	68.1
26 6 19	29.85	78.8	77.7
7 41	29.845	79.7	78.9
27 6 23	29.89	81.6	80.8
8 46	29.88	84.1	83.2
28 6 27	29.93	84.9	85.6
7 56	29.905	87.6	87.0
29 6 32	29.845	89.0	89.7
8 3	29.825	90.6	90.5
8 55	29.81	91.7	91.4
12 51	29.76	88.7	88.0
17 2	29.76	81.4	81.3
17 24	......	....	80.7
17 48	29.755	80.2	80.0

Micrometer bisections are made at II, VI, except as noted below.

5, 8, 18, 32.	Bisections at I, II.
6, 7, 9, 19, 26, 34.	Bisections at VI, VII.
10, 20, 27, 28.	Bisections at I, II, VI, VII.
25.	Bisection at II.
30.	Bisections at II, III, IV, V, VI.
39.	Bisections at II, VII.

Notes.

11–17.	Clouds. Haze and fog.
21–24.	Conditions very poor.
31–39.	Conditions poor.
40–44.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 2.2	−15 44.6	...	−15 42.4
6	+ 2.3	+15 44.5	...	+15 46.8
7	+ 2.1	.. ....	0.0	+ 2.1
8	+ 2.3	+15 45.4	...	+15 47.7
9	+ 2.3	−15 45.4	...	−15 43.1
10	+ 2.2	.. ....	0.0	+ 2.2
18	+ 2.3	+15 45.0	...	+15 47.3
19	+ 2.3	−15 45.0	...	−15 42.7
20	+ 2.2	.. ....	− 0.1	+ 2.1
25	+ 2.3	+15 46.6	...	+15 48.9
26	+ 2.3	−15 46.5	...	−15 44.2
27	+ 2.3	.. ....	− 0.1	+ 2.2
28	+ 2.3	.. ....	− 0.1	+ 2.2
30	+37 30.3	−16 1.4	...	+21 28.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.−21°4779........	9	50 39.31	− 0.36	+ 5.20	299 5 55.58	46.130	+ 1.11	−1 36.9	17 50 44.15	− 2.35	−21 56 18.1	− 6.4
2	C. P. D.−28°6083......	9	52 38.91	− 0.38	+ 5.20	292 17 55.95	46.178	+ 1.11	−2 11.0	17 52 43.73	− 2.48	−28 44 50.6	− 6.1
3	C. P. D.−23°6707......	9	54 0.70	− 0.36	+ 5.20	297 13 54.92	46.338	+ 1.11	−1 44.7	17 54 5.54	− 2.38	−23 48 21.8	− 6.4
4	B. D.−19°4800........	9	56 17.26	− 0.35	+ 5.20	301 55 54.68	46.165	+ 1.11	−1 26.6	17 56 22.11	− 2.30	−19 6 7.9	− 6.8
5	B. D.−17°5001........	9	57 50.42	− 0.35	+ 5.20	303 25 55.12	44.805	+ 1.11	−1 21.9	17 57 55.27	− 2.28	−17 36 33.8	− 7.0
6	B. D.−21°4855........	9	1 30.55	− 0.36	+ 5.20	299 35 55.38	43.962	+ 1.11	−1 35.1	18 1 35.39	− 2.34	−21 27 6.0	− 7.0
7	C. P. D.−26°6300......	9	3 22.37	− 0.37	+ 5.20	294 55 55.38	44.560	+ 1.11	−1 55.9	18 3 27.20	− 2.42	−26 7 13.1	− 6.9
8	B. D.−20°5027........	9	6 18.84	− 0.36	+ 5.20	300 35 55.08	45.302	+ 1.11	−1 31.3	18 6 23.68	− 2.32	−20 26 31.9	− 7.3
9	B. D.−20°5055........	9	9 34.80	− 0.36	+ 5.20	300 37 54.75	44.448	+ 1.11	−1 31.3	18 9 39.64	− 2.32	−20 24 51.7	− 7.4
10	B. D.−18°4886........	9	11 55.15	− 0.35	+ 5.20	302 31 55.00	47.232	+ 1.11	−1 24.7	18 12 0.00	− 2.29	−18 29 41.3	− 7.6
11	C. P. D.−26°6410......	9	15 19.62	− 0.37	+ 5.20	294 55 54.52	43.900	+ 1.11	−1 56.0	18 15 24.45	− 2.42	−26 7 29.1	− 7.6
12	η Serpentis............	9	16 24.03	− 0.32	+ **5.15**	318 5 56.52	46.695	+ 1.11	− 48.6	18 16 28.91	....	− 2 55 16.0	....
13	C. P. D.−24°6386......	9	19 16.59	− 0.37	+ 5.20	296 35 55.48	42.770	+ 1.11	−1 47.8	18 19 21.42	− 2.38	−24 27 45.9	− 7.8
14	C. P. D.−23°7090......	9	22 22.57	− 0.36	+ 5.20	297 59 54.55	43.700	+ 1.11	−1 41.6	18 22 27.41	− 2.36	−23 3 19.3	− 8.0
15	B. D.−20°5160........	9	24 55.81	− 0.36	+ 5.20	300 41 55.18	44.422	+ 1.11	−1 31.1	18 25 0.65	− 2.31	−20 20 51.7	− 8.2
16	Uranus C. C..........	9	28 7.84	− 0.36	+ 5.20	297 25 54.90	45.764	+ 1.11	−1 44.0	18 28 12.68	....	−23 36 34.2	....
17	C. P. D.−27°6468......	9	29 38.08	− 0.38	+ 5.20	293 37 55.98	45.898	+ 1.11	−2 3.1	18 29 42.90	− 2.43	−27 24 49.2	− 8.4
18	B. D.−21°5076........	9	32 14.27	− 0.36	+ 5.20	299 33 54.80	45.845	+ 1.11	−1 35.2	18 32 19.11	− 2.32	−21 28 23.6	− 8.6
19	B. D.−18°5037........	9	36 4.53	− 0.35	+ 5.20	302 57 55.35	45.215	+ 1.11	−1 23.4	18 36 9.38	− 2.27	−18 4 25.7	− 8.7
20	B. D.−19°5134........	9	37 20.28	− 0.35	+ 5.20	301 39 54.40	45.700	+ 1.11	−1 27.7	18 37 25.13	− 2.29	−19 22 19.9	− 8.8
21	B. D.−21°5131........	9	39 39.45	− 0.36	+ 5.20	299 57 55.82	42.318	+ 1.11	−1 33.8	18 39 44.29	− 2.31	−21 5 41.9	− 8.9
22	C. P. D.−23°7256......	9	42 10.93	− 0.36	+ 5.20	297 41 54.50	43.508	+ 1.11	−1 42.9	18 42 15.77	− 2.34	−23 21 25.1	− 9.1
23	30 Sagittarii..........	9	45 8.96	− 0.36	+ 5.20	298 47 55.58	41.595	+ 1.11	−1 38.4	18 45 13.80	− 2.32	−22 16 3.2	− 9.2
24	B. D.−21°5176........	9	48 20.52	− 0.36	+ 5.20	299 33 54.35	45.988	+ 1.11	−1 35.2	18 48 25.36	− 2.30	−21 28 20.9	− 9.3
25	C. P. D.−24°6551......	8	50 55.45	− 0.37	+ 5.20	296 17 54.95	46.485	+ 1.11	−1 49.1	18 51 0.28	− 2.35	−24 44 22.7	− 9.5
26	B. D.−19°5242........	9	52 1.66	− 0.35	+ 5.20	301 45 54.82	45.292	+ 1.11	−1 27.3	18 52 6.51	− 2.27	−19 16 28.4	− 9.4
27	C. P. D.−26°6610......	9	54 24.43	− 0.37	+ 5.20	294 43 55.20	46.405	+ 1.11	−1 57.0	18 54 29.26	− 2.37	−26 18 32.3	− 9.8
28	B. D.−19°5275........	9	57 33.22	− 0.35	+ 5.20	301 47 54.88	46.000	+ 1.11	−1 27.2	18 57 38.07	− 2.26	−19 14 12.1	− 9.7
29	B. D.−15°5223........	9	0 15.54	− 0.34	+ 5.20	305 13 55.08	46.125	+ 1.11	−1 16.6	19 0 20.40	− 2.22	−15 47 58.4	− 9.6
30	B. D.−19°5312........	9	2 42.79	− 0.35	+ 5.20	301 35 54.98	46.255	+ 1.11	−1 27.8	19 2 47.64	− 2.25	−19 26 6.7	− 9.9
31	B. D.−21°5292........	9	6 48.48	− 0.36	+ 5.20	299 13 55.32	45.110	+ 1.11	−1 36.5	19 6 53.32	− 2.28	−21 48 41.2	−10.2
32	B. D.−20°5464........	9	9 51.54	− 0.35	+ 5.20	301 5 55.28	44.520	+ 1.11	−1 29.6	19 9 56.39	− 2.25	−19 56 47.9	−10.2
33	d Sagittarii............	9	12 5.55	− 0.35	+ **5.19**	301 53 54.52	48.990	+ 1.11	−1 26.8	19 12 10.40	....	−19 7 3.7	....
34	B. D.−21°5340........	9	13 39.20	− 0.36	+ 5.20	299 57 55.32	47.778	+ 1.11	−1 33.6	19 13 44.04	− 2.25	−21 3 37.4	−10.5
35	B. D.−16°5283........	9	16 18.04	− 0.34	+ 5.20	304 53 55.62	46.772	+ 1.11	−1 17.5	19 16 22.90	− 2.19	−16 7 44.0	−10.2
36	δ Aquilæ..............	9	20 42.81	− 0.32	+ **5.17**	323 55 56.00	49.092	+ 1.11	− 39.4	19 20 47.69	....	+ 2 55 47.5	....
37	μ Aquilæ..............	9	29 27.06	− 0.32	+ **5.23**	328 11 55.28	46.510	+ 1.11	− 33.6	19 29 31.94	....	+ 7 10 53.5	....
38	ρ Capricorni...........	9	23 27.17	− 0.37	+ **5.25**	302 53 54.75	48.298	+ 0.85	−1 23.7	20 23 32.00	....	−18 7 16.4	....
39	ε Delphini.............	9	28 40.43	− 0.33	+ **5.24**	331 59 56.78	46.938	+ 0.85	− 28.9	20 28 45.30	....	+10 59 9.2	....
40	B. D.−17°6027........	8	30 10.30	− 0.36	+ 5.20	304 11 55.42	44.260	+ 0.85	−1 19.8	20 30 15.14	− 1.98	−16 50 44.1	−12.4
41	B. D.−11°5379........	9	32 44.62	− 0.35	+ 5.20	309 39 55.38	47.045	+ 0.85	−1 5.4	20 32 49.47	− 1.94	−11 21 26.1	−11.5
42	B. D.−14°5815........	9	35 57.46	− 0.36	+ 5.20	307 11 54.52	46.288	+ 0.85	−1 11.4	20 36 2.30	− 1.94	−13 49 50.3	−12.0
43	B. D.−16°5690........	9	39 55.38	− 0.36	+ 5.20	304 53 55.55	45.688	+ 0.85	−1 17.7	20 40 0.22	− 1.94	−16 8 9.3	−12.5
44	B. D.−17°6089........	9	42 53.07	− 0.36	+ 5.20	304 9 55.28	46.872	+ 0.85	−1 19.8	20 42 57.91	− 1.93	−16 51 44.6	−12.7
45	B. D.−16°5709........	9	45 17.47	− 0.36	+ 5.20	305 11 53.92	42.330	+ 0.85	−1 16.9	20 45 22.31	− 1.91	−15 51 26.8	−12.5
46	B. D.−13°5779........	9	47 16.93	− 0.36	+ 5.20	307 29 55.35	42.710	+ 0.85	−1 10.7	20 47 21.77	− 1.90	−13 33 10.5	−12.1
47	B. D.−19°5960........	9	49 22.99	− 0.37	+ 5.20	301 53 54.88	44.425	+ 0.85	−1 27.1	20 49 27.82	− 1.91	−19 8 48.2	−13.2
48	B. D.−16°5741........	9	52 22.01	− 0.36	+ 5.20	304 39 54.52	42.478	+ 0.85	−1 18.4	20 52 26.85	− 1.88	−16 23 24.4	−12.7
49	B. D.−13°5813........	8	54 41.95	− 0.36	+ 5.20	307 37 55.25	43.605	+ 0.85	−1 10.4	20 54 46.79	− 1.86	−13 24 49.9	−12.2
50	B. D.−10°5578........	9	57 27.34	− 0.35	+ 5.20	310 39 54.78	46.092	+ 0.85	−1 3.2	20 57 32.19	− 1.84	−10 21 46.3	−11.6
51	θ Capricorni...........	9	0 36.91	− 0.37	+ **5.21**	303 25 54.85	45.835	+ 0.85	−1 22.1	21 0 41.74	....	−17 36 11.0	....
52	B. D.−19°6024........	9	2 7.39	− 0.37	+ 5.20	301 33 55.10	47.510	+ 0.85	−1 28.1	21 2 12.22	− 1.86	−19 27 38.5	−13.5
53	B. D.−16°5810........	9	4 51.94	− 0.36	+ 5.20	304 57 54.50	43.995	+ 0.85	−1 17.6	21 4 56.78	− 1.83	−16 4 48.9	−12.9
54	B. D.−20°6159........	9	8 34.24	− 0.38	+ 5.20	300 33 55.00	45.870	+ 0.85	−1 31.7	21 8 39.06	− 1.83	−20 28 19.6	−13.8
55	B. D.−15°5935........	9	10 29.73	− 0.36	+ 5.20	305 27 53.62	47.295	+ 0.85	−1 16.1	21 10 34.57	− 1.80	−15 33 32.9	−12.8
56	B. D.−13°5901........	9	13 22.45	− 0.35	+ 5.20	308 3 56.30	42.545	+ 0.85	−1 9.4	21 13 27.30	− 1.78	−12 59 12.1	−12.3
57	B. D.− 8°5634........	8	16 52.97	− 0.35	+ 5.20	313 7 55.90	42.515	+ 0.85	− 58.0	21 16 57.82	− 1.76	− 7 55 1.8	−11.1
58	B. D.−14°6020........	9	20 12.24	− 0.36	+ 5.20	306 21 54.02	44.038	+ 0.85	−1 13.8	21 20 17.08	− 1.75	−14 40 44.6	−12.7
59	B. D.−20°6211........	9	22 8.06	− 0.38	+ 5.20	300 25 55.45	44.440	+ 0.85	−1 32.4	21 22 12.88	− 1.75	−20 36 52.6	−14.1
60	B. D.−19°6107........	9	24 40.02	− 0.37	+ 5.20	301 27 54.08	48.538	+ 0.85	−1 28.6	21 24 44.85	− 1.74	−19 33 16.5	−13.9
61	B. D.−16°5885........	9	28 25.59	− 0.36	+ 5.20	304 25 54.72	44.440	+ 0.85	−1 19.2	21 28 30.43	− 1.72	−16 36 40.1	−13.2
62	B. D.−10°5714........	9	31 49.11	− 0.35	+ 5.20	310 25 55.65	46.728	+ 0.85	−1 3.8	21 31 53.96	− 1.69	−10 35 31.5	−11.8
63	γ Capricorni...........	9	34 49.93	− 0.36	+ **5.22**	303 57 54.98	43.600	+ 0.85	−1 20.6	21 34 54.77	....	−17 5 0.5	....
64	B. D.−20°6270........	9	37 54.96	− 0.38	+ 5.20	300 59 54.82	44.622	+ 0.85	−1 30.3	21 37 59.78	− 1.67	−20 2 47.0	−14.1

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
29 18 12	......	....	79.1	2, 11, 19, 25, 39.	Bisections at I, II.	16	+ 0.4	......	...	+ 0.4
18 43	29.755	79.1	79.0	9, 26, 32, 38, 40, 42, 54.	Bisections at II, VII.					
19 8	......	....	79.2	14.	Bisections at II, VI, VII.					
19 30	29.745	79.0	79.0	16.	Bisections at I, II, VI, VII.					
20 21	29.735	78.0	78.0	18, 50.	Bisections at VI, VII.					
20 41	......	....	78.1							
21 6	29.73	77.5	77.6	Note.						
21 23	......	....	76.8	1-64.	Images poor and very unsteady.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 9°5829........	9	39 56.39	− 0.35	+ 5.20	311 31 55.25	43.658	+ 0.85	−1 1.4	21 40 1.24	− 1.65	− 9 30 39.7	−11.5
2	B. D.−14°6128........	9	43 23.16	− 0.36	+ 5.20	306 25 53.95	46.268	+ 0.85	−1 13.6	21 43 28.00	− 1.64	−14 35 53.5	−12.8
3	B. D.− 8°5753........	9	46 0.97	− 0.35	+ 5.20	312 41 56.05	43.558	+ 0.85	− 59.0	21 46 5.82	− 1.62	− 8 20 38.8	−11.2
4	B. D.−10°5785........	9	48 31.28	− 0.35	+ 5.20	310 15 56.15	47.968	+ 0.85	−1 4.2	21 48 36.13	− 1.61	−10 45 3.1	−11.8
5	B. D.−19°6190........	9	51 49.39	− 0.37	+ 5.20	301 23 54.22	46.695	+ 0.85	−1 28.9	21 51 54.22	− 1.60	−19 37 58.8	−14.1
6	B. D.−12°6150........	8	56 6.81	− 0.35	+ 5.20	309 13 55.65	46.992	+ 0.85	−1 6.6	21 56 11.66	− 1.57	−11 47 28.3	−12.0
7	B. D.− 8°5789........	9	58 31.54	− 0.35	+ 5.20	313 7 56.82	43.562	+ 0.85	− 58.1	21 58 36.39	− 1.56	− 7 54 37.0	−11.0
8	ι Aquarii...............	9	1 18.43	− 0.36	+ **5.18**	306 41 54.38	47.658	+ 0.85	−1 12.9	22 1 23.27	.....	−14 19 20.6	....
	June 30, Bs.												
9	Sun N................	.	.. ..	....	....	344 29 58.28	44.035	+ 0.89	− 14.7	6 34	.....	+23 28 18.5	....
10	Sun S................	.	.. ..	....	....	343 58 0.58	45.312	+ 0.89	− 15.2	.. ..	.....	+22 56 49.6	....
11	Mercury C.............	9	9 21.91	− 0.31	+ 5.33	342 46	......	....	. ....	8 9 26.93	+ 0.06	.. ..	....
12	Venus I...............	9	0 6.86	− 0.30	+ 5.33	339 56	......	....	. ....	9 0 11.89	+ 0.47	.. ..	....
	June 30, Ei.-Y.												
13	γ Serpentis.............	9	52 3.49	− 0.34	+ **5.24**	336 59 58.28	44.145	+ 1.61	− 22.9	15 52 8.35	.....	+15 58 13.7	....
14	ε Coronæ Borealis.......	9	53 38.54	− 0.36	+ **5.22**	348 9 58.82	46.112	+ 1.61	− 11.3	15 53 43.38	.....	+27 9 10.7	....
15	B. D.−21°4269........	9	0 8.17	− 0.38	+ 5.20	299 27 55.62	44.398	+ 1.61	−1 35.4	16 0 12.99	− 2.13	−21 34 55.6	+ 0.1
16	C. P. D.−24°5651......	9	2 10.59	− 0.39	+ 5.20	296 49 54.62	45.762	+ 1.61	−1 46.4	16 2 15.40	− 2.19	−24 12 36.4	+ 0.5
17	B. D.−22°4113........	9	6 15.22	− 0.38	+ 5.20	298 45 55.80	41.625	+ 1.61	−1 38.3	16 6 20.04	− 2.16	−22 18 1.7	− 0.2
18	B. D.−21°4305........	9	8 6.04	− 0.38	+ 5.20	299 53 55.48	42.608	+ 1.61	−1 33.9	16 8 10.86	− 2.13	−20 9 35.2	− 0.7
19	B. D.−14°4383........	9	10 30.27	− 0.36	+ 5.20	306 25 54.72	43.802	+ 1.61	−1 13.3	16 10 35.11	− 2.05	−14 36 48.1	− 2.0
20	B. D.−14°4398........	9	13 39.06	− 0.36	+ 5.20	306 23 54.80	44.285	+ 1.61	−1 13.4	16 13 43.90	− 2.06	−14 38 37.0	− 2.1
21	B. D.−22°4159........	9	17 11.93	− 0.38	+ 5.20	298 9 54.55	42.422	+ 1.61	−1 40.8	16 17 16.75	− 2.21	−22 53 47.2	− 0.7
22	C. P. D.−25°5794......	8	21 19.78	− 0.39	+ 5.20	294 59 55.90	45.950	+ 1.61	−1 55.5	16 21 24.59	− 2.29	−26 2 40.0	− 0.4
23	C. P. D.−27°5408......	9	24 23.40	− 0.40	+ 5.20	293 21 55.38	41.305	+ 1.61	−2 4.8	16 24 28.20	− 2.33	−27 42 35.9	− 0.3
24	λ Ophiuchi..............	9	26 7.38	− 0.34	+ **5.20**	323 11 57.42	48.238	+ 1.61	− 40.5	16 26 12.24	.....	+ 2 11 28.8	....
25	C. P. D.−24°5706......	9	28 7.64	− 0.39	+ 5.20	296 57 55.30	43.445	+ 1.61	−1 46.1	16 28 12.45	− 2.26	−24 5 28.4	− 1.2
26	B. D.−21°4391........	9	31 59.92	− 0.38	+ 5.20	299 11 55.68	41.948	+ 1.61	−1 36.8	16 32 4.74	− 2.23	−21 51 52.9	− 1.8
27	B. D.−20°4537........	9	34 59.26	− 0.37	+ 5.20	300 49 54.98	42.738	+ 1.61	−1 30.7	16 35 4.09	− 2.21	−20 13 29.5	− 2.3
28	B. D.−22°4196........	9	37 58.98	− 0.38	+ 5.20	298 29 55.42	43.162	+ 1.61	−1 39.6	16 38 3.80	− 2.26	−22 33 28.3	− 2.0
29	C. P. D.−25°5855......	9	41 3.40	− 0.39	+ 5.20	295 41 55.45	43.790	+ 1.61	−1 52.2	16 41 8.21	− 2.32	−25 21 26.5	− 1.8
30	B. D.−18°4332........	9	44 16.47	− 0.37	+ 5.20	302 57 55.78	41.708	+ 1.61	−1 23.6	16 44 21.30	− 2.20	−18 5 45.1	− 3.1
31	B. D.−17°4646........	9	48 26.66	− 0.36	+ 5.20	303 13 55.78	43.120	+ 1.61	−1 22.7	16 48 31.50	− 2.20	−17 49 12.0	− 3.4
32	C. P. D.−26°5766......	9	51 5.56	− 0.39	+ 5.20	294 15 56.65	42.270	+ 1.61	−1 59.8	16 51 10.37	− 2.38	−26 48 7.6	− 2.2
33	B. D.−18°4372........	9	54 13.21	− 0.36	+ 5.20	302 55 55.65	46.100	+ 1.61	−1 23.6	16 54 18.05	− 2.22	−18 6 4.9	− 3.7
34	C. P. D.−26°5801......	9	57 11.12	− 0.39	+ 5.20	294 5 55.82	43.455	+ 1.61	−2 0.7	16 57 15.93	− 2.39	−26 57 42.2	− 2.6
35	B. D.−20°4627........	9	59 8.49	− 0.37	+ 5.20	300 41 55.42	42.150	+ 1.61	−1 31.3	16 59 13.32	− 2.27	−20 21 43.1	− 3.6
36	η Ophiuchi..............	9	4 56.52	− 0.36	+ **5.21**	305 25 54.40	44.845	+ 1.61	−1 16.2	17 5 1.36	.....	−15 36 27.5	....
37	B. D.−22°4299........	9	6 40.29	− 0.38	+ 5.20	298 13 54.78	45.582	+ 1.61	−1 40.8	17 6 45.11	− 2.33	−22 48 34.8	− 3.7
38	C. P. D.−26°5863......	9	10 24.02	− 0.39	+ 5.20	294 37 55.22	46.235	+ 1.61	−1 57.8	17 10 28.83	− 2.40	−26 24 36.4	− 3.5
39	C. P. D.−23°6564......	9	12 20.07	− 0.38	+ 5.20	297 3 55.18	47.042	+ 1.61	−1 45.8	17 12 24.89	− 2.36	−23 58 6.0	− 4.0
40	ξ Ophiuchi..............	9	15 19.63	− 0.37	+ 5.20	300 1 55.55	45.000	+ 1.61	−1 33.7	17 15 24.46	− 2.31	−21 0 40.2	− 4.5
41	B. D.−22°4336........	5	17 29.28	− 0.38	+ 5.20	298 7 55.05	44.315	+ 1.61	−1 41.3	17 17 34.10	− 2.34	−22 55 4.0	− 4.4
42	51 Ophiuchi.............	9	25 38.29	− 0.38	+ 5.20	297 9 54.85	43.778	+ 1.61	−1 45.5	17 25 43.11	− 2.37	−23 53 20.6	− 4.8
43	ξ Serpentis.............	9	32 9.66	− 0.35	+ **5.13**	305 41 54.38	45.228	+ 1.61	−1 15.5	17 32 14.51	.....	−15 20 18.0	....
44	C. P. D.−26°5922......	9	33 11.28	− 0.39	+ 5.20	294 9 54.92	45.885	+ 1.61	−2 0.4	17 33 16.09	− 2.44	−26 52 47.3	− 4.9
45	C. P. D.−27°5723......	9	37 20.18	− 0.39	+ 5.20	293 13 56.18	42.240	+ 1.61	−2 6.0	17 37 24.99	− 2.46	−27 50 15.0	− 5.1
46	C. P. D.−25°6071......	9	40 51.32	− 0.38	+ 5.20	295 19 55.20	45.148	+ 1.61	−1 54.3	17 40 56.14	− 2.42	−25 42 57.8	− 5.5
47	B. D.−19°4711........	9	43 58.54	− 0.36	+ 5.20	301 3 54.95	45.428	+ 1.61	−1 30.1	17 44 3.38	− 2.32	−19 58 27.4	− 6.2
48	C. P. D.−25°6128......	9	46 3.07	− 0.39	+ 5.20	295 17 55.35	45.695	+ 1.61	−1 54.5	17 46 7.88	− 2.42	−25 44 45.3	− 5.8
49	C. P. D.−24°6017......	9	49 4.42	− 0.38	+ 5.20	296 11 54.65	42.195	+ 1.61	−1 50.2	17 49 9.24	− 2.41	−24 52 1.7	− 6.1
50	ν Ophiuchi..............	9	53 48.46	− 0.34	+ **5.18**	311 15 56.00	46.380	+ 1.61	−1 1.9	17 53 53.32	.....	− 9 45 36.5	....
51	B. D.−22°4503........	9	56 10.21	− 0.37	+ 5.20	298 15 55.08	45.562	+ 1.61	−1 40.8	17 56 15.04	− 2.37	−22 46 34.9	− 6.6
52	C. P. D.−26°6182......	9	57 30.28	− 0.39	+ 5.20	294 43 55.15	44.912	+ 1.61	−1 57.5	17 57 35.09	− 2.44	−26 19 6.4	− 6.5
	July 1, Bs.												
53	Moon I, N............	9	42 40.86	− 0.37	+ 5.24	310 7 56.35	43.017	+ 1.01	−1 4.1	14 42 45.73	+69.33	−10 54 55.7	....
	July 1, Hl.												
54	β Aquarii...............	9	26 33.78	− 0.30	+ **5.00**	315 2	......	....	. ....	21 26 38.46	.....	− 5 58	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 21 41	29.72	76.8	76.4
22 3	29.72	76.5	76.2
30 6 36	29.76	89.9	89.9
15 50	29.70	80.9	79.8
16 15	.....	....	78.8
16 39	29.72	78.9	78.0
17 1	.....	....	77.5
17 27	29.71	77.5	76.9
17 50	.....	....	76.3
18 7	29.71	77.0	76.2
1 14 45	29.74	81.4	80.1

Micrometer bisections are made at II, VI, except as noted below.

3, 4, 5, 8, 30, 42, 52. Bisections at II, VII.
6. Bisections at III, VI.
9, 23, 43, 51. Bisections at I, II.
10, 16. Bisections at VI, VII.
26. Bisections at II, VI, VII.
41. Bisection at VI.
53. Bisections at II, III, IV, V, VI.

Notes.
13–52. Unsteady.
51. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+ 2.3	−15 44.4	...	−15 42.1
10	+ 2.4	+15 44.4	...	+15 46.8
53	+45 40.5	−16 22.8	...	+29 17.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ξ Aquarii	9	32 41.99	− 0.30	+ **5.00**	312 44	....	....	. ....	21 32 46.67	.....	− 8 16	....
2	γ Capricorni	9	34 50.19	− 0.33	+ **4.98**	303 56	....	....	. ....	21 34 54.84	.....	−17 5	....
3	ε Pegasi	9	39 31.24	− 0.28	+ **4.98**	330 28	....	....	. ....	21 39 35.94	.....	+ 9 26	....
4	δ Capricorni	9	41 48.34	− 0.32	+ **4.95**	304 28	....	....	. ....	21 41 53.00	.....	−16 32	....
5	μ Capricorni	9	48 7.36	− 0.32	+ **4.98**	307 2	....	....	. ....	21 48 12.02	.....	−13 59	....
	July 2, Hl.												
6	Sun I, N	9	41 45.22	− 0.30	+ 4.98	344 23 59.90	39.545	+ 0.86	− 14.9	6 41 49.90	+68.74	+23 20 37.3	....
7	Sun II, S	9	44 2.70	− 0.30	+ 4.98	343 50 1.65	46.155	+ 0.86	− 15.4	6 44 7.38	−68.74	+22 49 9.7	....
8	Venus I, C	9	9 40.56	− 0.31	+ 4.97	339 13 58.90	46.580	+ 0.95	− 20.1	9 9 45.22	+ 0.47	+18 13 12.0	....
	July 2, Br.												
9	76 Draconis	9	49 32.23	− 1.48	....	43 12 0.50	42.926	+ 1.46	+ 51.5	20 49	.....	+82 11 2.2	....
10	1 H. Draconis s. p.	9	23 31.52	+ 1.15	....	59 15 59.75	42.099	+ 1.46	+1 32.0	9 23	.....	+81 44 36.7	....
11	ξ Aquarii	9	32 42.11	− 0.36	+ **4.96**	312 44	....	....	. ....	21 32	.....	− 8 16	....
12	γ Capricorni	9	34 50.27	− 0.38	+ **4.97**	303 56	....	....	. ....	21 34	.....	−17 5	....
	July 3, Br.												
13	Sun I, N	8	45 53.16	− 0.38	+ 4.94	344 18 3.15	43.525	+ 0.97	− 15.1	6 45 57.72	+68.68	+23 16 11.3	....
14	Sun II, S	9	48 10.51	− 0.38	+ 4.94	343 46 0.55	45.010	+ 0.97	− 15.6	6 48 15.07	−68.67	+22 44 42.4	....
15	Venus I, C	7	14 24.99	− 0.36	+ 4.94	338 53 57.15	42.286	+ 1.58	− 20.5	9 14 29.57	+ 0.58	+17 51 32.4	....
16	Venus II	7	14 25.94	− 0.36	+ 4.94	... .	....	....	. ....	9 14 30.52	− 0.37	.. ..	....
	July 5, Hl.												
17	Sun I, S	7	54 8.03	− 0.29	+ 4.90	343 36 6.78	44.575	+ 0.15	− 16.1	6 54 12.64	+68.58	+22 34 37.2	....
18	Sun II, N	9	56 25.18	− 0.29	+ 4.90	344 7 58.15	43.522	+ 0.15	− 15.6	6 56 29.79	−68.57	+23 6 5.1	....
19	Mercury I, C	9	39 38.36	− 0.34	+ 4.90	340 30 1.10	45.424	+ 0.34	− 19.3	8 39 42.92	+ 0.23	+19 28 48.0	....
20	Venus I, C	9	23 49.50	− 0.34	+ 4.90	338 7 57.92	45.875	+ 0.34	− 21.9	9 23 54.06	+ 0.48	+17 6 52.5	....
	July 5, Ei.-Y.												
21	β^1 Scorpii	9	59 55.67	− 0.43	+ **4.99**	301 29 55.78	44.375	+ 0.27	−1 30.8	16 0 0.24	.....	−19 32 52.7	....
22	B. D. −20°4405	9	1 15.87	− 0.44	+ 5.00	300 37 56.85	44.478	+ 0.26	−1 34.0	16 1 20.43	− 2.10	−20 24 52.5	− 0.3
23	C. P. D. −24°5671	9	8 3.82	− 0.45	+ 5.00	296 51 55.50	45.200	+ 0.22	−1 49.8	16 8 8.37	− 2.20	−24 10 53.2	+ 0.2
24	C. P. D. −26°5622	9	9 30.98	− 0.47	+ 5.00	294 5 57.00	42.362	+ 0.21	−2 4.2	16 9 35.51	− 2.26	−26 58 10.9	+ 0.6
25	B. D. −19°4357	9	13 34.93	− 0.43	+ 5.00	301 3 56.50	43.315	+ 0.19	−1 32.5	16 13 39.50	− 2.14	−19 59 18.0	− 1.1
26	C. P. D. −26°5627	9	15 29.21	− 0.47	+ 5.00	294 3 56.98	41.852	+ 0.17	−2 4.4	16 15 33.74	− 2.28	−27 0 22.9	+ 0.3
27	γ Herculis	9	17 43.57	− 0.35	+ **4.96**	340 23 58.42	45.090	+ 0.16	− 19.9	16 17 48.22	.....	+19 22 36.9	....
28	λ Ophiuchi	9	26 7.57	− 0.37	+ **5.03**	323 11 57.60	48.400	+ 0.11	− 41.8	16 26 12.20	.....	+ 2 11 29.9	....
29	ζ Ophiuchi	9	31 56.37	− 0.39	+ **4.99**	310 39 57.48	44.128	+ 0.08	−1 5.1	16 32 0.98	.....	−10 22 31.2	....
30	B. D. −21°4449	9	49 53.99	− 0.44	+ 5.00	299 37 55.90	44.395	− 0.03	−1 38.2	16 49 58.55	− 2.28	−21 24 59.9	− 3.0
31	B. D. −15°4420	9	53 32.72	− 0.41	+ 5.00	305 21 55.45	46.362	− 0.05	−1 18.8	16 53 37.31	− 2.19	−15 39 56.0	− 4.2
32	B. D. −17°4685	9	55 42.46	− 0.41	+ 5.00	303 49 55.50	45.622	− 0.07	−1 23.4	16 55 47.05	− 2.22	−17 12 17.4	− 4.0
33	C. P. D. −25°5924	9	58 54.31	− 0.46	+ 4.99	295 31 55.70	46.155	− 0.08	−1 56.7	16 58 58.84	− 2.38	−25 30 38.4	− 1.8
34	C. P. D. −23°6495	9	2 50.39	− 0.44	+ 4.99	297 55 55.95	47.005	− 0.11	−1 45.2	17 2 54.94	− 2.34	−23 6 7.2	− 3.5
35	η Ophiuchi	9	4 56.82	− 0.41	+ **4.97**	305 25 56.22	44.992	− 0.12	−1 18.6	17 5 1.40	.....	−15 36 26.4	....
36	C. P. D. −25°5954	9	6 24.87	− 0.45	+ 4.99	295 53 55.50	47.030	− 0.13	−1 54.8	17 6 29.41	− 2.39	−25 8 16.7	− 3.4
37	A Ophiuchi (*south*)	5	9 31.74	− 0.46	+ 4.99	294 35 56.52	43.188	− 0.15	−2 1.8	17 9 36.27	.....	−26 27 50.5	....
38	A Ophiuchi (*north*)	5	9 31.81	− 0.46	+ 4.99	294 35 56.52	43.388	− 0.15	−2 1.8	17 9 36.34	.....	−26 27 45.9	....
39	C. P. D. −27°5608	9	11 57.85	− 0.46	+ 4.99	293 23 56.92	43.070	− 0.16	−2 8.8	17 12 2.38	− 2.45	−27 39 59.8	− 3.4
40	C. P. D. −29°5649	9	14 27.34	− 0.47	+ 4.99	291 47 57.40	43.522	− 0.18	−2 19.2	17 14 31.86	− 2.49	−29 15 59.4	− 3.3
41	B. D. −20°4750	9	17 20.07	− 0.42	+ 4.99	300 55 55.65	43.205	− 0.20	−1 33.3	17 17 24.64	− 2.31	−20 7 22.6	− 4.8
42	C. P. D. −27°5650	9	20 10.16	− 0.46	+ 4.99	293 31 56.40	46.192	− 0.21	−2 7.9	17 20 14.69	− 2.46	−27 30 48.1	− 3.9
43	σ Ophiuchi	9	21 48.44	− 0.35	+ **5.00**	325 13 57.35	48.240	− 0.22	− 38.9	17 21 53.08	.....	+ 4 13 28.5	....
44	B. D. −16°4526	9	23 50.24	− 0.41	+ 4.99	304 31 57.62	44.178	− 0.24	−1 21.4	17 23 54.82	− 2.26	−16 30 46.5	− 5.6
45	B. D. −20°4790	9	27 47.49	− 0.43	+ 4.99	300 19 56.78	45.438	− 0.26	−1 35.6	17 27 52.05	− 2.34	−20 42 32.7	− 5.3
46	α Ophiuchi	9	30 31.63	− 0.33	+ **5.01**	333 37 56.35	48.835	− 0.28	− 27.8	17 30 36.29	.....	+12 37 52.1	....
47	C. P. D. −28°5741	9	33 2.69	− 0.47	+ 4.99	292 41 57.65	45.165	− 0.29	−2 13.3	17 33 7.21	− 2.50	−28 21 15.8	− 4.7
48	B. D. −19°4683	9	35 42.64	− 0.42	+ 4.99	301 37 54.22	45.910	− 0.31	−1 30.9	17 35 47.21	− 2.33	−19 24 19.9	− 5.9
49	B. D. −22°4407	9	39 20.86	− 0.44	+ 4.99	298 11 55.70	45.235	− 0.33	−1 44.3	17 39 25.41	− 2.39	−22 50 47.2	− 5.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 6 44	29.73	88.1	87.2
9 10	29.725	90.1	89.0
20 44	29.69	76.4	74.1
21 28	29.69	75.7	73.8
3 6 48	29.72	83.9	82.7
9 14	29.68	88.7	88.0
5 6 36	30.035	80.3	78.2
8 40	30.035	81.9	80.4
9 24	30.03	82.3	80.1
15 57	30.08	71.9	70.1
16 27	......	....	69.0
16 47	30.085	70.0	68.2
17 13	......	....	67.9
17 40	30.10	68.9	67.1

Micrometer bisections are made at II, VI, except as noted below.

6, 17, 23, 37, 42.	Bisections at I, II.
7, 18, 34, 38.	Bisections at VI, VII.
8, 15, 19, 20.	Bisections at I, II, VI, VII.
9, 10.	Bisections at b_1, b_3, b_5, b_7, b_9.
13.	Bisection at I.
14.	Bisection at VI.
22, 32, 40, 45, 48.	Bisections at II, VII.

Notes.

9. Clouds.
22. Micrometer reading increased 1 rev.
30. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 2.3	−15 43.8	...	−15 41.5
7	+ 2.4	+15 43.7	...	+15 46.1
8	+ 2.4	.. ....	− 0.1	+ 2.3
13	+ 2.3	−15 44.4	...	−15 42.1
14	+ 2.4	+15 44.4	...	+15 46.8
15	+ 2.5	.. ....	− 0.1	+ 2.4
17	+ 2.4	+15 43.9	...	+15 46.3
18	+ 2.3	−15 43.9	...	−15 41.6
19	+ 2.9	.. ....	− 0.2	+ 2.7
20	+ 2.6	.. ....	− 0.1	+ 2.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D. −30°4919	8	43 11.87	− 0.48	+ 4.99	290 29 56.40	44.490	− 0.35	−2 28.9	17 43 16.38	− 2.56	−30 33 48.2	− 5.2
2	B. D. −22°4436	9	45 23.28	− 0.44	+ 4.99	298 9 56.05	43.590	− 0.37	−1 44.6	17 45 27.83	− 2.40	−22 53 24.8	− 6.1
3	C. P. D. −27°5845	9	47 38.37	− 0.46	+ 4.99	293 47 56.55	44.145	− 0.38	−2 6.7	17 47 42.90	− 2.49	−27 15 33.7	− 5.8
4	C. P. D. −23°6680	8	50 44.20	− 0.44	+ 4.99	297 39 56.00	46.380	− 0.40	−1 46.8	17 50 48.75	− 2.42	−23 22 23.3	− 6.3
5	C. P. D. −29°5112	9	54 12.11	− 0.48	+ 4.99	291 9 57.88	46.178	− 0.42	−2 24.0	17 54 16.62	− 2.56	−29 53 3.3	− 6.0
6	B. D. −20°4952	9	56 58.63	− 0.42	+ 4.99	300 17 56.92	46.650	− 0.43	−1 35.9	17 57 3.20	− 2.37	−20 44 5.4	− 6.9
7	B. D. −22°4533	9	58 11.91	− 0.43	+ 4.99	298 11 56.38	46.605	− 0.44	−1 44.4	17 58 16.47	− 2.41	−22 50 15.5	− 6.8
8	C. P. D. −28°6304	9	2 5.78	− 0.47	+ 4.99	292 35 55.80	43.502	− 0.46	−2 14.3	18 2 10.30	− 2.52	−28 27 56.9	− 6.6
9	B. D. −22°4597	9	5 1.70	− 0.43	+ 4.99	298 47 54.68	43.778	− 0.48	−1 42.0	18 5 6.26	− 2.40	−22 15 19.4	− 7.2
10	C. P. D. −27°6281	9	8 14.49	− 0.46	+ 4.99	293 31 58.00	44.228	− 0.51	−2 8.4	18 8 19.02	− 2.50	−27 31 32.2	− 7.1
11	C. P. D. −23°7007	9	10 47.51	− 0.44	+ 4.99	297 7 56.08	42.770	− 0.52	−1 49.4	18 10 52.06	− 2.43	−23 55 48.5	− 7.5
12	B. D. −22°4655	9	12 14.26	− 0.43	+ 4.99	298 39 54.95	45.972	− 0.52	−1 42.6	18 12 18.82	− 2.41	−22 22 29.6	− 7.6
13	B. D. −18°4926	9	15 48.94	− 0.41	+ 4.99	302 7 56.70	46.645	− 0.55	−1 29.4	18 15 53.52	− 2.35	−18 53 59.4	− 8.0
14	C. P. D. −27°6398	9	19 48.96	− 0.46	+ 4.99	293 33 56.98	44.610	− 0.57	−2 8.3	18 19 53.49	− 2.50	−27 29 24.5	− 7.8
15	C. P. D. −26°6475	9	23 3.83	− 0.46	+ 4.99	294 23 55.78	47.332	− 0.59	−2 3.4	18 23 8.36	− 2.48	−26 38 18.6	− 8.0
16	C. P. D. −24°6440	9	27 27.53	− 0.44	+ 4.99	296 51 54.98	46.180	− 0.62	−1 50.7	18 27 32.08	− 2.44	−24 10 33.0	− 8.4
17	3 H. Scuti	9	30 3.11	− 0.36	+ 5.01	312 41 57.90	49.450	− 0.63	−1 1.0	18 30 7.74	.....	− 8 18 25.8	....
18	Moon I, N	9	56 56.64	− 0.43	+ 4.99	300 9 57.05	44.777	− 0.79	−1 36.7	18 57 1.20	+73.30	−20 52 49.0	....
19	Moon II	9	59 23.24	− 0.43	+ 4.99	... .	......	....	. ....	18 59 27.80	−73.30	.. ..	....
	July 6, Br.												
20	Sun I, S	9	58 15.16	− 0.37	+ 4.84	343 29 57.88	45.925	− 0.77	− 16.5	6 58 19.63	+68.51	+22 28 57.8	....
21	Sun II, N	9	0 32.19	− 0.37	+ 4.84	344 1 54.02	44.725	− 0.77	− 15.9	7 0 36.66	−68.52	+23 0 27.3	....
22	Venus I, C	7	28 29.67	− 0.37	+ 4.84	337 45 57.28	43.431	− 0.48	− 22.7	9 28 34.14	+ 0.49	+16 43 54.4	....
23	Venus II	7	28 30.46	− 0.37	+ 4.84	... .	......	....	. ....	9 28 34.93	− 0.30	.. ..	....
	July 6, Bs.												
24	Moon II, N	9	3 56.27	− 0.48	+ 5.06	301 13 56.82	43.145	− 0.57	−1 33.8	20 4 0.85	−72.06	−19 49 23.7	....
25	4 Capricorni	9	12 27.82	− 0.48	+ 5.06	298 55 56.75	47.728	− 0.57	−1 42.7	20 12 32.40	− 2.23	−22 5 47.9	−13.2
26	β Capricorni	9	15 41.48	− 0.44	+ 5.04	305 57 56.22	44.832	− 0.57	−1 18.5	20 15 46.10	.....	−15 4 30.4	....
27	296 G. Sagittarii	9	19 39.36	− 0.51	+ 5.06	292 5 57.00	43.905	− 0.57	−2 19.5	20 19 43.91	− 2.29	−28 57 51.8	−14.2
28	69 Aquilæ	9	24 41.72	− 0.40	+ 5.06	317 49 57.70	45.715	− 0.57	− 51.6	20 24 46.38	− 2.08	− 3 11 41.9	−11.2
29	ε Delphini	9	28 40.69	− 0.37	+ 5.14	331 59 57.85	47.095	− 0.57	− 30.3	20 28 45.38	.....	+10 59 11.1	....
30	α Delphini	9	35 13.74	− 0.36	+ 5.08	336 35 58.02	46.295	− 0.57	− 24.7	20 35 18.44	.....	+15 34 58.6	....
31	ε Cygni	9	42 22.06	− 0.36	+ 5.06	354 37 59.00	45.955	− 0.57	− 5.3	20 42 26.76	.....	+33 37 11.1	....
32	ω Capricorni	9	46 10.37	− 0.50	+ 5.06	293 45 56.18	48.352	− 0.57	−2 8.7	20 46 14.93	− 2.16	−27 16 0.2	−15.0
33	76 Draconis	5	49 31.41	− 1.34	+ 5.06	43 12 1.75	42.912	− 0.57	+ 53.8	20 49 35.13	.....	+82 11 3.3	....
34	A Capricorni	9	1 35.41	− 0.48	+ 5.06	295 39 55.32	46.245	− 0.57	−1 58.2	21 1 39.99	− 2.07	−25 22 38.7	−15.2
35	3 Piscis Australis	9	7 40.59	− 0.49	+ 5.06	293 3 57.02	43.510	− 0.57	−2 13.3	21 7 45.16	− 2.06	−27 59 54.6	−15.8
36	τ Cygni	9	10 59.91	− 0.36	+ 5.06	358 40 0.05	44.555	− 0.57	− 1.3	21 11 4.61	.....	+37 38 44.1	....
37	ι Capricorni	9	16 58.22	− 0.43	+ 5.04	303 47 56.02	46.822	− 0.57	−1 25.1	21 17 2.85	.....	−17 13 51.7	....
38	1 H. Draconis s. P.	9	23 30.56	+ 1.09	+ 5.06	59 16 1.42	41.968	− 0.57	+1 36.2	9 23 36.71	.....	+81 44 35.8	....
39	74 Cygni	9	33 8.49	− 0.36	+ 5.06	0 59 59.10	46.562	− 0.57	+ 1.1	21 33 13.19	.....	+39 59 31.4	....
40	41 Capricorni	9	36 37.08	− 0.46	+ 5.06	297 21 55.25	44.872	− 0.57	−1 49.9	21 36 41.68	− 1.88	−23 41 1.8	−15.7
41	ν Cephei	9	42 42.81	− 0.45	+ 5.06	21 42 0.25	44.690	− 0.57	+ 22.9	21 42 47.42	− 3.17	+60 41 11.5	+ 2.6
42	μ Capricorni	9	48 7.54	− 0.41	+ 5.03	307 1 55.85	47.528	− 0.57	−1 15.6	21 48 12.19	.....	−13 59 26.3	....
43	158 B. Cephei	9	51 41.65	− 0.68	+ 5.06	34 16 0.68	44.525	− 0.57	+ 39.1	21 51 46.03	.....	+73 15 24.1	....
44	ν Pegasi	9	0 53.49	− 0.35	+ 5.06	325 37 57.18	44.640	− 0.57	− 39.1	22 0 58.20	− 1.77	+ 4 36 5.5	− 9.0
45	θ Pegasi	9	5 24.57	− 0.35	+ 5.09	326 45 56.40	45.070	− 0.57	− 37.5	22 5 29.28	.....	+ 5 44 16.2	....
46	θ Aquarii	9	11 49.54	− 0.38	+ 5.00	312 47 57.52	43.102	− 0.57	−1 1.7	22 11 54.22	.....	− 8 14 51.9	....
47	29 H. Camelopardalis s. P.	8	15 46.86	+ 1.77	+ 5.06	56 16 0.48	44.255	− 0.57	+1 25.8	10 15 53.69	.....	+84 43 54.8	....
48	β Piscis Australis	9	26 6.98	− 0.51	+ 5.06	288 13 56.40	46.578	− 0.57	−2 51.6	22 26 11.53	− 1.62	−32 49 23.4	−18.3
49	49 G. Piscis Australis	9	33 30.02	− 0.51	+ 5.06	287 29 57.05	45.445	− 0.57	−2 59.3	22 33 34.57	− 1.57	−33 33 56.3	−18.6
50	67 Aquarii	9	38 16.65	− 0.37	+ 5.06	313 35 57.75	42.430	− 0.57	−1 0.1	22 38 21.34	− 1.55	− 7 27 5.4	−11.7
	July 7, Bs.												
51	Sun I, S	9	2 21.54	− 0.31	+ 5.07	343 24 1.82	45.738	− 1.69	− 16.5	7 2 26.30	+68.49	+22 22 56.6	....
52	Sun II, N	9	4 38.52	− 0.31	+ 5.07	343 56 0.48	44.418	− 1.69	− 16.0	7 4 43.28	−68.49	+22 54 25.7	....
53	Mercury I, C	9	50 19.23	− 0.32	+ 5.06	339 32 1.45	43.838	− 1.31	− 20.6	8 50 23.97	+ 0.24	+18 30 9.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 18 6	......	....	66.2
18 31	30.115	67.6	65.9
19 1	30.115	67.2	65.2
6 7 1	30.185	76.1	73.0
9 28	30.16	77.0	74.8
20 4	30.10	61.8	59.7
20 33	......	....	59.1
20 58	30.095	60.9	59.0
21 30	......	....	58.4
21 58	30.08	60.0	58.0
22 30	30.08	59.2	57.4
7 7 5	30.085	73.0	72.6
8 50	30.065	76.2	76.0

Micrometer bisections are made at II, VI, except as noted below.

4, 16.	Bisections at II, VII.
11, 20, 51.	Bisections at I, II.
18.	Bisections at I, II, III.
21, 52.	Bisections at VI, VII.
22, 53.	Bisections at I, II, VI, VII.
24.	Bisections at II, III, IV, V, VI.
33.	Bisections at IV, V.
38.	Bisections at III, IV, V.
47.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

24–50. Slightly unsteady; clouds.

39. Revolutions of micrometer reading assumed.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
18	+51 56.6	−16 27.4	...	+35 29.2
20	+ 2.4	+15 44.7	...	+15 47.1
21	+ 2.3	−15 44.7	...	−15 42.4
22	+ 2.6	.. ....	− 0.1	+ 2.5
24	+50 51.3	−16 17.4	...	+34 33.9
51	+ 2.4	+15 44.6	...	+15 47.0
52	+ 2.4	−15 44.5	...	−15 42.1
53	+ 3.1	.. ....	− 0.3	+ 2.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, C.	7	33 8.11	− 0.32	+ 5.06	337 21 58.75	45.019	− 1.31	− 22.9	9 33 12.85	+ 0.45	+16 20 31.2	....
2	Venus II.	7	33 8.84	− 0.32	+ 5.06	... .	......	....	. ....	9 33 13.58	− 0.28	.. ..	....
	July 7, Ei.-Y.												
3	α Herculis.	9	10 19.09	− 0.37	+ **4.93**	335 29 58.58	49.045	− 1.16	− 25.5	17 10 23.66	.....	+14 30 0.6	....
4	B. D. −22°4336.	9	17 29.68	− 0.49	+ 4.94	298 7 56.48	44.475	− 1.16	−1 44.4	17 17 34.13	− 2.37	−22 55 4.7	− 4.3
5	C. P. D. −25°6028.	9	21 4.18	− 0.51	+ 4.94	295 11 56.15	43.772	− 1.16	−1 58.5	17 21 8.61	− 2.43	−25 51 35.2	− 4.1
6	α Ophiuchi.	9	30 31.76	− 0.37	+ **4.92**	333 37 56.92	48.798	− 1.16	− 27.7	17 30 36.33	.....	+12 37 51.0	....
7	B. D. −21°4682.	9	33 3.84	− 0.48	+ 4.94	299 11 56.35	43.580	− 1.16	−1 39.9	17 33 8.30	− 2.38	−21 51 20.8	− 5.4
8	C. P. D. −26°5932.	9	36 11.11	− 0.51	+ 4.94	294 15 57.65	43.515	− 1.16	−2 3.6	17 36 15.54	− 2.48	−26 47 44.7	− 5.0
9	β Ophiuchi.	9	38 47.27	− 0.38	+ **4.96**	325 37 56.98	45.802	− 1.16	− 38.3	17 38 51.83	.....	+ 4 36 32.1	....
10	B. D. −20°4865.	9	40 3.26	− 0.47	+ 4.94	300 53 55.65	42.162	− 1.16	−1 33.4	17 40 7.73	− 2.36	−20 9 47.4	− 6.0
11	C. P. D. −29°4905.	9	43 26.86	− 0.53	+ 4.94	291 45 57.30	46.380	− 1.16	−2 19.2	17 43 31.27	− 2.54	−29 16 55.1	− 5.1
12	C. P. D. −28°5928.	9	45 53.50	− 0.52	+ 4.94	292 27 56.12	44.125	− 1.16	−2 14.5	17 45 57.92	− 2.53	−28 35 43.2	− 5.4
13	B. D. −17°4946.	9	48 28.54	− 0.46	+ 4.94	303 39 56.10	42.715	− 1.16	−1 23.9	17 48 33.02	− 2.32	−17 23 24.9	− 6.8
14	C. P. D. −23°6682.	9	51 20.75	− 0.49	+ 4.94	297 7 56.42	43.660	− 1.16	−1 48.9	17 51 25.20	− 2.44	−23 55 28.0	− 6.2
15	B. D. −20°4940.	9	54 22.51	− 0.47	+ 4.94	300 41 56.72	47.260	− 1.16	−1 34.0	17 54 26.98	− 2.38	−20 19 50.5	− 6.8
16	B. D. −21°4826.	9	56 58.67	− 0.48	+ 4.94	299 31 56.20	46.082	− 1.16	−1 38.5	17 57 3.13	− 2.40	−21 30 22.4	− 6.8
17	C. P. D. −29°5230.	9	58 59.06	− 0.52	+ 4.94	291 27 57.28	46.345	− 1.16	−2 21.3	17 59 3.48	− 2.56	−29 34 58.1	− 6.2
18	B. D. −17°5028.	9	2 19.18	− 0.45	+ 4.94	303 51 56.90	46.608	− 1.16	−1 23.3	18 2 23.67	− 2.33	−17 9 54.5	− 7.5
19	B. D. −18°4824.	9	5 29.53	− 0.46	+ 4.94	302 27 55.90	47.045	− 1.16	−1 27.8	18 5 34.01	− 2.36	−18 33 50.0	− 7.5
20	B. D. −21°4916.	9	8 35.00	− 0.48	+ 4.94	299 17 56.38	46.585	− 1.16	−1 39.4	18 8 39.46	− 2.41	−21 44 11.6	− 7.4
21	B. D. −20°5068.	9	10 57.29	− 0.47	+ 4.94	300 27 56.78	45.805	− 1.16	−1 34.9	18 11 1.76	− 2.39	−20 34 24.6	− 7.6
22	C. P. D. −25°6460.	9	12 50.77	− 0.50	+ 4.94	295 23 56.45	47.180	− 1.16	−1 57.3	18 12 55.21	− 2.48	−25 38 15.9	− 7.4
23	C. P. D. −28°6526.	9	16 1.42	− 0.51	+ 4.94	292 35 57.50	42.595	− 1.16	−2 13.8	18 16 5.85	− 2.54	−28 28 16.1	− 7.4
24	109 Herculis.	9	19 39.14	− 0.35	+ **4.92**	342 43 58.50	48.130	− 1.16	− 17.4	18 19 43.73	.....	+21 43 47.7	....
25	C. P. D. −29°5565.	9	21 47.05	− 0.52	+ 4.94	291 11 57.60	42.942	− 1.16	−2 23.5	18 21 51.47	− 2.57	−29 52 17.8	− 7.6
26	B. D. −21°5025.	9	24 12.40	− 0.47	+ 4.94	300 1 56.02	45.270	− 1.16	−1 36.6	18 24 16.87	− 2.40	−21 0 39.3	− 8.3
27	Uranus C. C.	9	26 44.08	− 0.48	+ 4.94	297 25 56.28	43.405	− 1.16	−1 47.6	18 26 48.54	.....	−23 37 32.6	....
28	C. P. D. −25°6564.	9	27 54.89	− 0.49	+ 4.94	295 31 56.40	45.315	− 1.16	−1 56.8	18 27 59.34	− 2.48	−25 30 58.1	− 8.3
29	B. D. −19°5077.	9	29 48.90	− 0.46	+ 4.94	301 41 56.38	45.652	− 1.16	−1 30.5	18 29 53.38	− 2.38	−19 20 24.1	− 8.7
30	[illegible] H^1. Sagittarii.	9	33 15.05	− 0.46	+ 4.94	299 55 56.60	42.662	− 1.16	−1 37.1	18 33 19.53	− 2.40	−21 7 38.7	− 8.8
31	B. D. −22°4835.	9	37 38.15	− 0.47	+ 4.94	298 33 56.65	41.965	− 1.16	−1 42.7	18 37 42.62	− 2.42	−22 30 0.3	− 9.0
32	B. D. −19°5154.	9	40 26.05	− 0.45	+ 4.94	301 19 55.75	46.445	− 1.16	−1 31.8	18 40 30.54	− 2.38	−19 42 7.9	− 9.2
33	B. D. −18°5179.	9	43 12.72	− 0.45	+ 4.94	302 19 56.62	46.150	− 1.16	−1 28.3	18 43 17.21	− 2.36	−18 42 10.3	− 9.4
34	B. D. −22°4892.	9	46 27.56	− 0.47	+ 4.94	299 1 56.45	42.533	− 1.16	−1 40.7	18 46 32.03	− 2.41	−22 1 45.5	− 9.4
35	B. D. −22°4915.	9	49 24.19	− 0.47	+ 4.94	298 15 56.25	44.205	− 1.16	−1 43.9	18 49 28.66	− 2.42	−22 47 10.7	− 9.6
36	ξ Sagittarii.	9	52 5.29	− 0.46	+ 4.94	299 49 56.28	42.662	− 1.16	−1 37.5	18 52 9.77	− 2.40	−21 13 39.5	− 9.7
37	B. D. −17°5409.	9	54 55.83	− 0.44	+ 4.94	303 25 56.30	44.625	− 1.16	−1 24.7	18 55 0.33	− 2.34	−17 36 41.8	− 9.9
38	B. D. −22°4946.	9	55 55.69	− 0.47	+ 4.94	298 13 56.35	43.308	− 1.16	−1 44.1	18 56 0.16	− 2.42	−22 49 31.3	− 9.9
39	C. P. D. −23°7360 (*fol.*).	9	58 31.85	− 0.47	+ 4.94	298 1 56.02	42.295	− 1.16	−1 45.0	18 58 36.32	− 2.42	−23 1 55.6	−10.0
40	C. P. D. −28°6781.	9	1 33.88	− 0.50	+ 4.94	292 15 57.28	46.682	− 1.16	−2 15.9	19 1 38.32	− 2.52	−28 46 45.0	−10.1
41	B. D. −22°4992.	9	3 50.20	− 0.46	+ 4.94	298 31 56.52	43.350	− 1.16	−1 42.8	19 3 54.68	− 2.40	−22 31 28.8	−10.3
42	B. D. −22°5021.	9	8 29.08	− 0.46	+ 4.94	298 49 56.18	44.432	− 1.16	−1 41.5	19 8 33.56	− 2.39	−22 13 3.2	−10.5
43	*d* Sagittarii.	9	12 5.98	− 0.44	+ 4.94	301 55 55.70	43.948	− 1.16	−1 29.8	19 12 10.48	− 2.34	−19 7 3.0	−10.7
44	B. D. −22°5063.	9	14 58.16	− 0.46	+ 4.94	298 27 56.38	45.978	− 1.16	−1 43.0	19 15 2.64	− 2.39	−22 34 29.1	−10.8
45	C. P. D. −28°6911.	9	18 36.74	− 0.49	+ 4.94	292 59 57.42	46.630	− 1.16	−2 11.2	19 18 41.19	− 2.47	−28 2 41.3	−11.1
46	186 G. Sagittarii.	9	20 58.22	− 0.51	+ 4.94	291 7 56.55	44.878	− 1.16	−2 23.9	19 21 2.65	− 2.51	−29 55 34.9	−11.2
47	C. P. D. −24°6746.	9	25 11.76	− 0.47	+ 4.93	296 53 56.55	45.790	− 1.16	−1 50.0	19 25 16.22	− 2.39	−24 8 40.2	−11.4
48	μ Aquilæ.	9	29 27.48	− 0.35	+ **4.94**	328 11 57.28	46.650	− 1.16	− 34.8	19 29 32.06	.....	+ 7 10 55.3	....
49	κ Aquilæ.	9	31 47.79	− 0.38	+ **4.94**	313 47 57.75	45.215	− 1.16	− 58.4	19 31 52.34	.....	− 7 14 0.6	....
50	B. D. −17°5699 (*fol.*).	9	33 46.54	− 0.42	+ 4.93	303 55 56.85	43.355	− 1.16	−1 23.2	19 33 51.05	− 2.29	−17 7 8.8	−11.5
51	α^2 Capricorni.	9	12 48.10	− 0.41	+ **4.92**	308 11 57.60	45.875	− 1.42	−1 11.2	20 12 52.62	.....	−12 49 58.7	....
52	β Capricorni.	9	15 41.55	− 0.42	+ **4.96**	305 57 55.95	44.800	− 1.42	−1 17.2	20 15 46.06	.....	−15 4 30.9	....
53	C. P. D. −25°7071.	9	20 36.31	− 0.48	+ 4.93	295 47 56.52	45.252	− 1.42	−1 55.6	20 20 40.76	− 2.26	−25 14 58.4	−13.8
54	B. D. −16°5609.	9	23 23.55	− 0.43	+ 4.93	304 59 56.58	43.722	− 1.42	−1 20.1	20 23 28.05	− 2.16	−16 2 57.8	−12.9
55	B. D. −19°5831.	9	24 28.38	− 0.44	+ 4.93	302 9 56.45	42.842	− 1.42	−1 29.1	20 24 32.87	− 2.18	−18 53 27.1	−13.3
56	B. D. −14°5781.	9	28 55.46	− 0.42	+ 4.93	306 59 56.88	44.825	− 1.42	−1 14.5	20 28 59.97	− 2.13	−14 2 26.7	−12.8
57	B. D. −22°5484.	9	32 11.51	− 0.47	+ 4.93	298 15 56.35	47.298	− 1.42	−1 44.1	20 32 15.97	− 2.19	−22 46 0.3	−14.0
58	B. D. −20°5995.	9	34 6.75	− 0.45	+ 4.93	301 1 56.10	47.085	− 1.42	−1 33.1	20 34 11.23	− 2.16	−19 59 54.5	−13.7
59	B. D. −19°5905.	9	38 30.02	− 0.45	+ 4.93	301 21 56.28	45.050	− 1.42	−1 32.0	20 38 34.50	− 2.14	−19 40 39.7	−13.8
60	Moon II.	9	5 30.46	− 0.45	+ 4.93	303 20	......	....	....	21 5 34.94	−69.98	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 9 33	30.05	76.9	76.4
17 8	30.000	67.5	66.8
17 34	....	.....	66.8
18 0	29.99	67.0	66.8
18 23	....	.....	66.3
18 48	29.985	66.1	66.2
19 13	....	.....	66.0
19 35	29.98	65.8	65.9
20 10	[illegible]	65.2	65.2
20 35	....	.....	64.4
20 58	29.955	64.7	64.2

Micrometer bisections are made at II, VI, except as noted below.

1, 27. Bisections at I, II, VI, VII.
4, 10, 11, 16, 20, 30, 45, 46, 50, 51, 52, 56. Bisections at II, VII.
9, 37. Bisections at I, II.
34. Bisections at II, VI, VII.

Notes.

4, 9–14. Unsteady.
15–60. Cloudy at times.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 2.7	.. ....	− 0.1	+ 2.6
27	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	July 9, Hl.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N	9	10 33.93	− 0.28	+ 4.78	343 42 0.65	46.292	− 0.72	− 15.9	7 10 38.43	+68.45	+22 41 9.6	....
2	Sun II, S	9	12 50.84	− 0.28	+ 4.78	343 10 0.18	47.738	− 0.72	− 16.4	7 12 55.34	−68.46	+22 9 41.9	....
3	Mercury I, C	9	0 11.06	− 0.34	+ 4.77	338 31 57.90	44.650	− 0.49	− 21.2	9 0 15.49	+ 0.25	+17 30 24.4	....
4	Venus I, C	9	42 21.29	− 0.34	+ 4.77	336 34 0.25	45.010	− 0.49	− 23.4	9 42 25.72	+ 0.49	+15 32 33.1	....
5	α Aquilæ	9	46 9.64	− 0.34	+ **4.78**	329 38	......	....	.....	19 46 14.08	.....	+ 8 37	....
6	β Aquilæ	9	50 39.56	− 0.35	+ **4.76**	327 12	......	....	.....	19 50 43.99	.....	+ 6 10	....
7	γ Sagittæ	9	54 32.41	− 0.33	+ **4.76**	340 14	......	....	.....	19 54 36.86	.....	+19 14	....
8	τ Aquilæ	9	59 30.63	− 0.35	+ **4.80**	328 2	......	....	.....	19 59 35.06	.....	+ 7 0	....
9	θ Aquilæ	9	6 25.09	− 0.36	+ **4.78**	319 56	......	....	.....	20 6 29.51	.....	− 1 5	....
10	α² Capricorni	9	12 48.24	− 0.40	+ **4.80**	308 12	......	....	.....	20 12 52.62	.....	−12 49	....
11	76 Draconis	9	49 32.54	− 1.10	+ 4.78	43 12	......	....	.....	20 49 36.22	.....	+82 11	....
12	1 H. Draconis s. p.	9	23 31.32	+ 0.83	+ 4.78	59 16	......	....	.....	9 23 36.93	.....	+81 44	....
	July 19, Bs.												
13	κ Ophiuchi	9	53 10.83	− 0.38	+ **4.55**	330 32	......	....	.....	16 53 15.03	.....	+ 9 31	....
14	B. D.+35°2917	9	3 17.19	− 0.40	+ 4.58	356 28	......	....	.....	17 3 21.37	− 1.87	+35 27	....
15	B. D.+40°3111	9	7 23.47	− 0.41	+ 4.58	0 58	......	....	.....	17 7 27.64	− 1.92	+39 58	....
16	δ Herculis	9	11 7.93	− 0.38	+ **4.59**	345 58	......	....	.....	17 11 12.13	.....	+24 56	....
17	B. D.+39°3104	9	16 32.91	− 0.41	+ 4.58	0 24	......	....	.....	17 16 37.08	− 1.96	+39 23	....
18	B. D.+37°2881	9	20 53.40	− 0.40	+ 4.58	358 2	......	....	.....	17 20 57.58	− 1.98	+37 0	....
19	B. D.+35°2986	9	26 4.27	− 0.40	+ 4.58	356 2	......	....	.....	17 26 8.45	− 1.99	+35 0	....
20	α Ophiuchi	9	30 32.07	− 0.37	+ **4.58**	333 38	......	....	.....	17 30 36.28	.....	+12 37	....
21	B. D.+35°3029	9	36 32.50	− 0.40	+ 4.58	356 52	......	....	.....	17 36 36.68	− 2.05	+35 52	....
22	μ Herculis	9	42 44.59	− 0.38	+ **4.61**	348 48	......	....	.....	17 42 48.79	.....	+27 46	....
23	B. D.+39°3238	9	46 33.47	− 0.40	+ 4.58	0 38	......	....	.....	17 46 37.65	− 2.13	+39 38	....
24	B. D.+38°3032	9	51 19.65	− 0.40	+ 4.58	359 30	......	....	.....	17 51 23.83	− 2.14	+38 28	....
25	B. D.+36°2991	9	56 47.02	− 0.39	+ 4.58	357 6	......	....	.....	17 56 51.21	− 2.15	+36 5	....
26	δ Ursæ Minoris	9	2 49.06	− 3.23	+ 4.58	47 36	......	....	.....	18 2 50.41	.....	+86 37	....
27	B. D.+38°3109	9	9 26.06	− 0.39	+ 4.58	359 36	......	....	.....	18 9 30.25	− 2.22	+38 34	....
28	B. D.+35°3205	9	14 2.84	− 0.38	+ 4.58	356 22	......	....	.....	18 14 7.04	− 2.21	+35 20	....
29	B. D.+36°3130	9	23 21.81	− 0.38	+ 4.58	357 8	......	....	.....	18 23 26.01	− 2.26	+36 6	....
30	B. D.+39°3445	9	28 21.58	− 0.39	+ 4.58	0 50	......	....	.....	18 28 25.77	− 2.32	+39 49	....
31	Anonymous	8	33 44.87	− 0.39	+ 4.58	359 42	......	....	.....	18 33 49.06	− 2.33	+38 41	....
32	B. D.+36°3239	9	39 0.77	− 0.38	+ 4.58	357 28	......	....	.....	18 39 4.97	− 2.32	+36 27	....
33	B. D.+35°3361	9	43 45.93	− 0.38	+ 4.58	356 48	......	....	.....	18 43 50.13	− 2.33	+35 46	....
34	B. D.+39°3551	9	47 29.62	− 0.39	+ 4.58	0 14	......	....	.....	18 47 33.81	− 2.38	+39 14	....
35	51 H. Cephei s. p.	6	56 12.48	+ 3.56	+ 4.58	53 48	......	....	.....	6 56 20.62	.....	+87 11	....
36	B. D.+38°3462	9	7 11.71	− 0.38	+ 4.58	359 26	......	....	.....	19 7 15.91	− 2.44	+38 24	....
37	d Sagittarii	9	12 6.42	− 0.38	+ **4.57**	301 56	......	....	.....	19 12 10.62	.....	−19 7	....
	July 21, Bs.												
38	κ Ophiuchi	9	53 10.85	− 0.35	+ **4.49**	330 32	......	....	.....	16 53 15.04	.....	+ 9 31	....
39	B. D.+39°3074	9	58 41.19	− 0.38	+ 4.54	0 52	......	....	.....	16 58 45.35	− 1.83	+39 51	....
40	B. D.+35°2917	9	3 17.09	− 0.37	+ 4.54	356 28	......	....	.....	17 3 21.26	− 1.85	+35 27	....
41	B. D.+40°3111	9	7 23.36	− 0.38	+ 4.54	0 58	......	....	.....	17 7 27.52	− 1.89	+39 58	....
42	δ Herculis	9	11 7.91	− 0.35	+ **4.56**	345 58	......	....	.....	17 11 12.10	.....	+24 56	....
43	B. D.+39°3104	9	16 32.92	− 0.37	+ 4.54	0 24	......	....	.....	17 16 37.09	− 1.94	+39 23	....
44	B. D.+37°2881	9	20 53.38	− 0.36	+ 4.54	358 2	......	....	.....	17 20 57.56	− 1.95	+37 0	....
45	B. D.+35°2986	9	26 4.31	− 0.36	+ 4.54	356 2	......	....	.....	17 26 8.49	− 1.97	+35 0	....
46	α Ophiuchi	9	30 32.09	− 0.34	+ **4.52**	333 38	......	....	.....	17 30 36.29	.....	+12 37	....
47	B. D.+35°3029	9	36 32.39	− 0.36	+ 4.54	356 52	......	....	.....	17 36 36.57	− 2.03	+35 52	....
48	μ Herculis	9	42 44.59	− 0.35	+ **4.57**	348 48	......	....	.....	17 42 48.78	.....	+27 46	....
49	B. D.+39°3238	9	46 33.38	− 0.36	+ 4.54	0 38	......	....	.....	17 46 37.56	− 2.11	+39 38	....
50	B. D.+38°3032	9	51 19.61	− 0.36	+ 4.54	359 30	......	....	.....	17 51 23.79	− 2.12	+38 28	....
51	B. D.+36°2991	9	56 46.94	− 0.35	+ 4.54	357 6	......	....	.....	17 56 51.13	− 2.13	+36 5	....
52	δ Ursæ Minoris	9	2 48.28	− 2.75	+ 4.54	47 36	......	....	.....	18 2 50.07	.....	+86 37	....
53	B. D.+38°3109	9	9 26.12	− 0.35	+ 4.54	359 36	......	....	.....	18 9 30.31	− 2.21	+38 34	....
54	B. D.+35°3205	9	14 2.78	− 0.34	+ 4.54	356 22	......	....	.....	18 14 6.98	− 2.20	+35 20	....
55	B. D.+38°3150	9	18 28.15	− 0.34	+ 4.54	359 18	......	....	.....	18 18 32.35	− 2.25	+38 17	....
56	B. D.+36°3130	9	23 21.76	− 0.34	+ 4.54	357 8	......	....	.....	18 23 25.96	− 2.24	+36 6	....
57	B. D.+39°3445	9	28 21 53	− 0.34	+ 4.54	0 50	......	....	.....	18 28 25.73	− 2.31	+39 49	....
58	Anonymous	9	33 44.83	− 0.34	+ 4.54	359 42	......	....	.....	18 33 49.03	− 2.32	+38 41	....
59	B. D.+36°3239	9	39 0.81	− 0.33	+ 4.54	357 28	......	....	.....	18 39 5.02	− 2.31	+36 27	....
60	B. D.+35°3361	9	43 45.87	− 0.33	+ 4.54	356 48	......	....	.....	18 43 50.08	− 2.32	+35 46	....
61	51 H. Cephei s. p.	9	56 14.17	+ 2.85	+ 4.54	53 48	......	....	.....	6 56 21.56	.....	+87 11	....
62	ζ Aquilæ	9	1 3.41	− 0.31	+ **4.55**	334 46	......	....	.....	19 1 7.64	.....	+13 43	....
63	B. D.+38°3462	9	7 11.72	− 0.32	+ 4.54	359 26	......	....	.....	19 7 15.94	− 2.43	+38 24	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 7 13	29.81	78.7	78.6
9 0	29.79	81.8	81.7
9 42	29.78	82.2	81.9

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at I, II.
2, 4. Bisections at VI, VII.
3. Bisections at I, II, VI, VII.

Notes.

5.	Clouds.
8.	Fuzzy.
14, 21, 24, 25, 29, 31, 36, 44, 45, 53–55, 59, 60.	Observed head south.
17, 34, 39, 41, 49, 57.	Observed head north.
31, 58.	Follows α Lyræ 1ˢ.3 and is 50″ south.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	″	′ ″	″	′ ″
1	+ 2.4	−15 43.8	...	−15 41.4
2	+ 2.5	+15 43.8	...	+15 46.3
3	+ 3.4	.. ....	− 0.4	+ 3.0
4	+ 2.8	.. ....	− 0.1	+ 2.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	July 26, Bs.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+39°3074	9	58 41.22	− 0.40	+ 4.55	0 52	......	.....	. ....	16 58 45.37	− 1.77	+39 51	....
2	B. D.+35°2917	9	3 17.12	− 0.39	+ 4.55	356 28	......	.....	. ....	17 3 21.28	− 1.79	+35 27	....
3	B. D.+40°3111	9	7 23.40	− 0.40	+ 4.55	0 58	......	.....	. ....	17 7 27.55	− 1.82	+39 58	....
4	δ Herculis	9	11 7.91	− 0.38	+ **4.54**	345 58	......	.....	. ....	17 11 12.08	....	+24 56	....
5	B. D.+39°3104	9	16 32.88	− 0.40	+ 4.55	0 24	......	.....	. ....	17 16 37.03	− 1.88	+39 23	....
6	B. D.+37°2881	9	20 53.41	− 0.39	+ 4.55	358 2	......	.....	. ....	17 20 57.57	− 1.90	+37 0	....
7	B. D.+35°2986	9	26 4.24	− 0.39	+ 4.55	356 2	......	.....	. ....	17 26 8.40	− 1.92	+35 0	....
8	α Ophiuchi	9	30 32.05	− 0.38	+ **4.57**	333 38	......	.....	. ....	17 30 36.22	....	+12 37	....
9	B. D.+35°3029	9	36 32.44	− 0.39	+ 4.55	356 52	......	.....	. ....	17 36 36.60	− 1.98	+35 52	....
10	μ Herculis	9	42 44.61	− 0.38	+ **4.54**	348 48	......	.....	. ....	17 42 48.78	....	+27 46	....
11	B. D.+39°3238	9	46 33.34	− 0.40	+ 4.55	0 38	......	.....	. ....	17 46 37.49	− 2.06	+39 38	....
12	B. D.+38°3032	9	51 19.65	− 0.40	+ 4.55	359 30	......	.....	. ....	17 51 23.80	− 2.08	+38 28	....
13	B. D.+36°2991	8	56 47.05	− 0.40	+ 4.55	357 6	......	.....	. ....	17 56 51.20	− 2.09	+36 5	....
14	δ Ursæ Minoris	9	2 47.67	− 3.04	+ 4.55	47 36	......	.....	. ....	18 2 49.18	....	+86 37	....
15	B. D.+38°3109	9	9 26.11	− 0.40	+ 4.55	359 36	......	.....	. ....	18 9 30.26	− 2.17	+38 34	....
16	B. D.+35°3205	9	14 2.82	− 0.39	+ 4.55	356 22	......	.....	. ....	18 14 6.98	− 2.17	+35 20	....
17	B. D.+38°3150	9	18 28.12	− 0.40	+ 4.55	359 18	......	.....	. ....	18 18 32.27	− 2.21	+38 17	....
18	B. D.+36°3130	9	23 21.73	− 0.39	+ 4.55	357 8	......	.....	. ....	18 23 25.89	− 2.22	+36 6	....
19	B. D.+39°3445	9	28 21.56	− 0.40	+ 4.55	0 50	......	.....	. ....	18 28 25.71	− 2.28	+39 49	....
20	Anonymous	9	33 44.91	− 0.40	+ 4.55	359 42	......	.....	. ....	18 33 49.06	− 2.29	+38 41	....
21	B. D.+36°3239	9	39 0.81	− 0.39	+ 4.55	357 28	......	.....	. ....	18 39 4.97	− 2.29	+36 27	....
22	B. D.+35°3361	9	43 45.97	− 0.39	+ 4.55	356 48	......	.....	. ....	18 43 50.13	− 2.30	+35 46	....
23	B. D.+39°3551	9	47 29.73	− 0.40	+ 4.55	0 14	......	.....	. ....	18 47 33.88	− 2.36	+39 14	....
24	51 H. Cephei s. P.	9	56 14.67	+ 3.33	+ 4.55	53 48	......	.....	. ....	6 56 22.55	....	+87 11	....
25	ζ Aquilæ	9	1 3.48	− 0.37	+ **4.55**	334 46	......	.....	. ....	19 1 7.66	....	+13 43	....
26	B. D.+38°3462	9	7 11.77	− 0.39	+ 4.55	359 26	......	.....	. ....	19 7 15.93	− 2.42	+38 24	....
27	d Sagittarii	9	12 6.53	− 0.44	+ **4.55**	301 56	......	.....	. ....	19 12 10.64	....	−19 7	....
	July 28, Bs.												
28	κ Ophiuchi	9	53 10.86	− 0.36	+ **4.43**	330 32	......	.....	. ....	16 53 14.92	....	+ 9 31	....
29	B. D.+39°3074	9	58 41.18	− 0.39	+ 4.42	0 52	......	.....	. ....	16 58 45.21	− 1.74	+39 51	....
30	B. D.+35°2917	9	3 17.23	− 0.38	+ 4.42	356 28	......	.....	. ....	17 3 21.27	− 1.76	+35 27	....
31	B. D.+40°3111	9	7 23.46	− 0.39	+ 4.42	0 58	......	.....	. ....	17 7 27.49	− 1.79	+39 58	....
32	δ Herculis	9	11 8.06	− 0.37	+ **4.36**	345 58	......	.....	. ....	17 11 12.11	....	+24 56	....
33	B. D.+39°3104	9	16 32.96	− 0.39	+ 4.42	0 24	......	.....	. ....	17 16 36.99	− 1.85	+39 23	....
34	B. D.+37°2881	9	20 53.46	− 0.38	+ 4.42	358 2	......	.....	. ....	17 20 57.50	− 1.87	+37 0	....
35	B. D.+35°2986	9	26 4.35	− 0.38	+ 4.42	356 2	......	.....	. ....	17 26 8.39	− 1.90	+35 0	....
36	α Ophiuchi	9	30 32.12	− 0.36	+ **4.47**	333 38	......	.....	. ....	17 30 36.18	....	+12 37	....
37	B. D.+35°3029	9	36 32.51	− 0.38	+ 4.42	356 52	......	.....	. ....	17 36 36.55	− 1.96	+35 52	....
38	μ Herculis	9	42 44.67	− 0.37	+ **4.45**	348 48	......	.....	. ....	17 42 48.72	....	+27 46	....
39	B. D.+39°3238	9	46 33.44	− 0.39	+ 4.42	0 38	......	.....	. ....	17 46 37.47	− 2.04	+39 38	....
40	B. D.+38°3032	9	51 19.74	− 0.38	+ 4.42	359 30	......	.....	. ....	17 51 23.78	− 2.06	+38 28	....
41	B. D.+36°2991	9	56 47.09	− 0.38	+ 4.42	357 6	......	.....	. ....	17 56 51.13	− 2.07	+36 5	....
42	δ Ursæ Minoris	8	2 46.95	− 2.99	+ 4.42	47 36	......	.....	. ....	18 2 48.38	....	+86 37	....
43	B. D.+38°3109	9	9 26.17	− 0.39	+ 4.42	359 36	......	.....	. ....	18 9 30.20	− 2.16	+38 34	....
44	B. D.+35°3205	9	14 2.92	− 0.38	+ 4.42	356 22	......	.....	. ....	18 14 6.96	− 2.16	+35 20	....
45	B. D.+38°3150	9	18 28.25	− 0.38	+ 4.42	359 18	......	.....	. ....	18 18 32.29	− 2.20	+38 17	....
46	B. D.+36°3130	9	23 21.81	− 0.38	+ 4.42	357 8	......	.....	. ....	18 23 25.85	− 2.20	+36 6	....
47	B. D.+39°3445	9	28 21.66	− 0.39	+ 4.42	0 50	......	.....	. ....	18 28 25.69	− 2.26	+39 49	....
48	Anonymous	9	33 44.97	− 0.39	+ 4.42	359 42	......	.....	. ....	18 33 49.00	− 2.28	+38 41	....
49	B. D.+36°3239	9	39 0.94	− 0.38	+ 4.42	357 28	......	.....	. ....	18 39 4.98	− 2.28	+36 27	....
50	B. D.+35°3361	9	43 46.06	− 0.38	+ 4.42	356 48	......	.....	. ....	18 43 50.10	− 2.29	+35 46	....
51	B. D.+39°3551	9	47 29.84	− 0.39	+ 4.42	0 14	......	.....	. ....	18 47 33.87	− 2.35	+39 14	....
52	51 H. Cephei s. P.	6	56 14.78	+ 3.28	+ 4.42	53 48	......	.....	. ....	6 56 22.48	....	+87 11	....
53	ζ Aquilæ	9	1 3.61	− 0.36	+ **4.41**	334 46	......	.....	. ....	19 1 7.67	....	+13 43	....
54	d Sagittarii	9	12 6.66	− 0.42	+ **4.41**	301 56	......	.....	. ....	19 12 10.66	....	−19 7	....
	August 4, Hl.												
55	51 H. Cephei s. P.	9	56 17.44	+ 3.82	+ 4.00	53 48	......	.....	. ....	6 56 25.26	....	+87 11	....
56	d Sagittarii	9	12 7.04	− 0.38	+ **3.99**	301 56	......	.....	. ....	19 12 10.66	....	−19 7	....
57	ω Aquilæ	9	13 22.91	− 0.35	+ **4.00**	332 26	......	.....	. ....	19 13 26.56	....	+11 25	....
58	τ Aquilæ	9	59 31.62	− 0.35	+ **4.02**	328 2	......	.....	. ....	19 59 35.27	....	+ 7 1	....
59	θ Aquilæ	9	6 26.11	− 0.35	+ **3.98**	319 56	......	.....	. ....	20 6 29.76	....	− 1 5	....
60	76 Draconis	9	49 33.89	− 1.56	+ 4.00	43 12	......	.....	. ....	20 49 36.33	....	+82 11	....
61	1 H. Draconis s. P.	9	23 31.20	+ 1.21	+ 4.00	59 16	......	.....	. ....	9 23 36.41	....	+81 44	....
	August 11, Hl.												
62	ζ Aquilæ	9	1 3.95	− 0.34	+ **3.99**	334 44	......	.....	. ....	19 1 7.63	....	+13 43	....
63	d Sagittarii	9	12 6.98	− 0.38	+ **4.03**	301 56	......	.....	. ....	19 12 10.62	....	−19 7	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°	Notes. 2, 9, 12, 13, 18, 20, 26, 43–45, 49, 50. Observed head south. 5, 29, 31, 35, 39, 47, 51. Observed head north. 20, 48. Follows α Lyræ 1s.3 and is 50″ south. 29. Faint. 52. Clouds. 62, 63. Conditions rather poor.		′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	∂ Aquilæ	9	20 44.17	− 0.34	+ **4.05**	323 56	......	.....	. ....	19 20 47.85	....	+ 2 55	....
2	β Cygni	9	26 54.51	− 0.35	+ **4.00**	348 46	......	.....	. ....	19 26 58.18	....	+27 45	....
3	76 Draconis	9	49 33.41	− 1.30	+ 4.02	43 12	......	.....	. ....	20 49 36.13	....	+82 11	....
4	1 H. Draconis s. p.	9	23 31.75	+ 0.95	+ 4.02	59 16	......	.....	. ....	9 23 36.72	....	+81 44	....
	August 15, Ei.-Y.												
5	μ Herculis	9	42 44.76	− 0.38	+ **4.13**	348 47 48.32	45.365	+ 8.32	− 10.8	17 42 48.49	.....	+27 46 50.3	....
6	B. D. −20°4922	9	51 37.33	− 0.42	+ 4.11	300 51 44.68	44.200	+ 8.32	−1 31.2	17 51 41.02	− 2.21	−20 11 0.2	− 6.5
7	ν Ophiuchi	9	53 49.50	− 0.39	+ **4.08**	311 15 45.62	46.625	+ 8.32	−1 2.2	17 53 53.22	.....	− 9 45 34.9	....
8	B. D. −17°4987	9	55 53.92	− 0.41	+ 4.11	303 53 44.95	43.532	+ 8.32	−1 21.2	17 55 57.62	− 2.18	−17 9 5.1	− 7.6
9	B. D. −17°4997	9	57 12.22	− 0.41	+ 4.11	303 31 45.02	43.268	+ 8.32	−1 22.3	17 57 15.92	− 2.20	−17 31 12.2	− 7.5
10	B. D. −18°4789	9	1 9.19	− 0.42	+ 4.11	302 3 45.50	42.800	+ 8.32	−1 27.0	18 1 12.88	− 2.23	−18 59 27.2	− 7.3
11	B. D. −20°5003	9	3 5.29	− 0.42	+ 4.11	300 55 44.52	47.075	+ 8.32	−1 30.9	18 3 8.98	− 2.26	−20 5 54.3	− 7.1
12	C. P. D. −28°6374	9	5 58.52	− 0.45	+ 4.11	292 7 45.38	45.420	+ 8.32	−2 13.4	18 6 2.18	− 2.43	−28 55 13.8	− 4.8
13	B. D. −20°5054	9	9 35.09	− 0.42	+ 4.11	300 17 44.60	43.612	+ 8.32	−1 33.3	18 9 38.78	− 2.29	−20 45 15.8	− 7.2
14	∂ Sagittarii	9	14 57.46	− 0.46	+ 4.11	291 11 45.62	43.598	+ 8.32	−2 19.9	18 15 1.11	.....	−29 52 1.7	....
15	B. D. −21°4974	9	17 54.93	− 0.42	+ 4.11	299 19 45.05	45.645	+ 8.32	−1 37.0	18 17 58.62	− 2.34	−21 42 32.6	− 7.4
16	Uranus C, C	9	21 7.45	− 0.43	+ 4.11	297 21 44.80	45.339	+ 8.32	−1 45.2	18 21 11.13	.....	−23 40 48.0	....
17	C. P. D. −26°6467	9	22 13.02	− 0.44	+ 4.11	294 13 45.38	46.240	+ 8.32	−2 0.7	18 22 16.69	− 2.54	−26 48 42.3	− 6.3
18	B. D. −21°5027	9	24 54.93	− 0.43	+ 4.11	299 13 45.12	44.962	+ 8.32	−1 37.4	18 24 58.61	− 2.36	−21 48 48.5	− 7.8
19	C. P. D. −24°6448	9	28 46.52	− 0.43	+ 4.11	296 45 44.20	43.542	+ 8.32	−1 48.0	18 28 50.20	− 2.42	−24 17 32.5	− 7.3
20	C. P. D. −28°6611	9	31 5.57	− 0.45	+ 4.11	292 27 44.68	45.632	+ 8.32	−2 11.3	18 31 9.23	− 2.51	−28 35 7.5	− 6.4
21	84 G. Sagittarii	5	32 46.51	− 0.43	+ 4.11	297 27 44.25	44.822	+ 8.32	−1 44.8	18 32 50.19	− 2.42	−23 35 0.0	− 7.7
22	C. P. D. −23°7191	9	36 6.45	− 0.43	+ 4.11	297 7 44.15	44.482	+ 8.32	−1 46.3	18 36 10.13	− 2.44	−23 55 9.3	− 7.8
23	4 H. Scuti	9	37 6.19	− 0.39	+ **4.12**	311 53 45.92	44.502	+ 8.32	−1 0.9	18 37 9.91	.....	− 9 8 21.8	....
24	φ Sagittarii	9	39 45.93	− 0.44	+ 4.11	293 57 45.32	45.178	+ 8.32	−2 2.4	18 39 49.60	.....	−27 5 8.4	....
25	C. P. D. −28°6680	9	41 40.64	− 0.45	+ 4.11	292 39 44.98	46.600	+ 8.32	−2 10.1	18 41 44.30	− 2.54	−28 22 43.9	− 7.1
26	B. D. −20°5277	9	44 4.23	− 0.42	+ 4.11	300 37 44.45	42.270	+ 8.32	−1 32.2	18 44 7.92	− 2.40	−20 25 45.5	− 9.1
27	C. P. D. −24°6534	9	46 5.22	− 0.44	+ 4.11	296 17 44.62	43.015	+ 8.32	−1 50.3	18 46 8.89	− 2.48	−24 45 46.4	− 8.2
28	B. D. −22°4907	9	48 28.53	− 0.43	+ 4.11	298 11 43.70	43.392	+ 8.32	−1 41.8	18 48 32.21	− 2.45	−22 51 30.2	− 8.8
29	B. D. −16°5083	9	50 18.21	− 0.41	+ 4.11	304 33 44.82	46.535	+ 8.32	−1 19.3	18 50 21.91	− 2.36	−16 27 54.8	−10.3
30	θ Serpentis	9	51 31.28	− 0.37	+ **4.06**	325 5 46.22	47.380	+ 8.32	− 38.2	18 51 35.02	.....	+ 4 5 7.0	....
31	C. P. D. −28°6740	9	54 5.03	− 0.45	+ 4.11	292 51 45.25	46.838	+ 8.32	−2 8.9	18 54 8.69	− 2.57	−28 10 36.9	− 7.8
32	B. D. −19°5273	9	57 31.10	− 0.42	+ 4.11	301 39 44.12	44.870	+ 8.32	−1 28.6	18 57 34.79	− 2.42	−19 22 42.8	−10.0
33	C. P. D. −26°6635	9	59 21.85	− 0.44	+ 4.11	294 45 44.65	46.408	+ 8.32	−1 58.1	18 59 25.52	− 2.54	−26 16 36.6	− 8.6
34	C. P. D. −24°6603	9	2 28.94	− 0.44	+ 4.11	296 15 44.85	42.160	+ 8.32	−1 50.6	19 2 32.61	− 2.52	−24 48 6.0	− 9.1
35	C. P. D. −24°6650	9	9 48.58	− 0.43	+ 4.11	296 41 43.65	47.030	+ 8.32	−1 48.4	19 9 52.26	− 2.53	−24 20 13.7	− 9.6
36	d Sagittarii	9	12 6.96	− 0.42	+ **4.07**	301 53 44.48	49.185	+ 8.32	−1 27.8	19 12 10.65	.....	−19 7 3.0	....
37	B. D. −15°5310	9	13 37.34	− 0.40	+ 4.11	305 19 44.20	46.668	+ 8.32	−1 17.2	19 13 41.05	− 2.42	−15 41 50.3	−11.6
38	B. D. −18°5322	9	16 12.15	− 0.41	+ 4.11	303 1 44.18	43.202	+ 8.32	−1 24.2	19 16 15.85	− 2.45	−18 1 16.5	−11.2
39	C. P. D. −24°6723	9	19 47.28	− 0.43	+ 4.11	296 53 44.88	45.855	+ 8.32	−1 47.6	19 19 50.96	− 2.55	−24 8 38.5	−10.1
40	B. D. −19°5462	9	22 31.96	− 0.42	+ 4.11	301 29 43.58	47.340	+ 8.32	−1 29.2	19 22 35.65	− 2.49	−19 31 47.5	−11.2
41	B. D. −17°5655	9	25 58.10	− 0.41	+ 4.11	303 9 44.32	46.455	+ 8.32	−1 23.7	19 26 1.80	− 2.47	−17 52 1.5	−11.6
42	B. D. −16°5360	9	28 54.59	− 0.41	+ 4.11	304 27 44.50	45.088	+ 8.32	−1 19.8	19 28 58.29	− 2.46	−16 34 28.7	−12.0
43	B. D. −21°5444	9	30 0.97	− 0.42	+ 4.11	300 3 45.18	44.745	+ 8.32	−1 34.5	19 30 4.66	− 2.52	−20 58 50.5	−11.3
44	C. P. D. −28°6981	9	33 3.35	− 0.45	+ 4.11	292 13 45.48	45.922	+ 8.32	−2 13.2	19 33 7.01	− 2.66	−28 49 2.0	−10.0
45	54 Sagittarii	9	35 19.17	− 0.41	+ 4.11	304 31 44.18	45.470	+ 8.32	−1 19.6	19 35 22.87	.....	−16 30 20.1	....
46	B. D. −15°5444	9	38 10.70	− 0.40	+ 4.11	305 21 43.15	43.415	+ 8.32	−1 17.2	19 38 14.41	− 2.47	−15 41 5.7	−12.6
47	B. D. −18°5487	9	42 25.71	− 0.42	+ 4.11	302 23 44.45	46.820	+ 8.32	−1 26.3	19 42 29.40	− 2.51	−18 37 55.6	−12.2
48	C. P. D. −25°6917	9	45 32.29	− 0.44	+ 4.11	295 55 44.30	42.418	+ 8.32	−1 52.4	19 45 35.96	− 2.61	−25 8 2.4	−11.3
49	C. P. D. −24°6848	9	48 38.98	− 0.43	+ 4.11	296 51 44.42	46.740	+ 8.32	−1 47.8	19 48 42.66	− 2.60	−24 10 19.0	−11.6
50	β Aquilæ	9	50 40.42	− 0.37	+ **4.08**	327 11 44.25	45.912	+ 8.32	− 35.4	19 50 44.16	.....	+ 6 10 34.3	....
51	C. P. D. −26°6895	9	53 12.67	− 0.44	+ 4.11	294 35 45.00	45.880	+ 8.32	−1 59.2	19 53 16.34	− 2.64	−26 26 49.4	−11.5
52	B. D. −17°5832	9	56 8.42	− 0.41	+ 4.11	303 55 44.75	42.835	+ 8.32	−1 21.5	19 56 12.12	− 2.51	−17 7 21.6	−13.0
53	B. D. −21°5609	9	59 25.18	− 0.42	+ 4.11	299 27 44.30	45.692	+ 8.32	−1 36.8	19 59 28.87	− 2.57	−21 34 32.0	−12.5
54	B. D. −15°5564	9	3 9.88	− 0.40	+ 4.11	305 43 44.28	46.518	+ 8.32	−1 16.2	20 3 13.59	− 2.50	−15 17 52.6	−13.6
55	θ Aquilæ	9	6 26.10	− 0.38	+ **4.03**	319 55 45.70	45.455	+ 8.32	− 46.2	20 6 29.83	.....	− 1 5 45.5	....
	August 15, Hl.												
56	76 Draconis	9	49 33.32	− 1.37	+ 3.99	43 12	......	....	. ....	20 49 35.94	.....	+82 11	....
57	1 H. Draconis s. p.	9	23 31.77	+ 1.04	+ 3.99	59 16	......	....	. ....	9 23 36.80	.....	+81 44	....
58	β Aquarii	9	26 35.51	− 0.36	+ **4.03**	315 2	......	....	. ....	21 26 39.14	.....	− 5 58	....
59	θ Pegasi	9	5 26.30	− 0.34	+ **4.05**	326 46	......	....	. ....	22 5 29.95	.....	+ 5 44	....
60	∂ Aquarii	9	49 38.52	− 0.36	+ **3.98**	304 42	......	....	. ....	22 49 42.15	.....	−16 18	....
61	β Pegasi	9	59 11.89	− 0.33	+ **4.05**	348 34	......	....	. ....	22 59 15.55	.....	+27 34	....
62	φ Aquarii	9	9 25.89	− 0.33	+ **4.03**	314 28	......	....	. ....	23 9 29.55	.....	− 6 33	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 17 40	29.75	76.7	75.3
18 5	......	....	75.0
18 26	29.755	75.8	74.6
18 56	......	....	74.0
19 18	29.76	74.6	73.5
19 44	......	....	73.0
20 8	29.765	73.9	72.8

Micrometer bisections are made at II, VI, except as noted below.

5, 31.	Bisections at VI, VII.
8, 22, 28, 42.	Bisections at I, II.
9, 11, 17, 18, 23, 25, 27, 36, 37, 38, 41, 48, 50, 53, 55.	Bisections at II, VII.
16.	Bisections at I, II, VI, VII.

Notes.

1–4. Conditions rather poor.
14–55. Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	August 16, Hl.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I	9	39 48.87	− 0.34	+ 3.99	334 54	......	....	. ....	9 39 52.52	+65.28	.. ..	....
2	Sun II	9	41 59.43	− 0.34	+ 3.99	... .	......	....	. ....	9 42 3.08	−65.28	.. ..	....
	August 19, Hl.												
3	16 Pegasi	9	48 46.16	− 0.36	+ **3.94**	346 30	......	....	. ....	21 48 49.78	.....	+25 29	....
4	ι Pegasi	9	2 37.09	− 0.36	+ **4.03**	345 54	......	....	. ....	22 2 40.71	.....	+24 53	....
5	φ Aquarii	9	9 26.07	− 0.36	+ **3.93**	314 28	......	....	. ....	23 9 29.69	.....	− 6 33	....
6	γ Piscium	9	12 16.33	− 0.35	+ **4.00**	323 48	......	....	. ....	23 12 19.96	.....	+ 2 46	....
7	τ Pegasi	9	15 57.97	− 0.36	+ **3.96**	344 14	......	....	. ....	23 16 1.59	.....	+23 13	....
8	υ Pegasi	9	20 40.13	− 0.36	+ **4.01**	343 54	......	....	. ....	23 20 43.75	.....	+22 53	....
	August 21, Br.												
9	Sun I, N	9	58 26.45	− 0.32	+ 4.00	333 33 49.05	44.460	+ 7.71	− 26.8	9 58 30.13	+64.99	+12 32 13.5	....
10	Sun II, S	9	0 36.43	− 0.32	+ 4.00	333 1 50.48	45.300	+ 7.71	− 27.4	10 0 40.11	−64.99	+12 0 34.1	....
11	Venus I, C	9	42 54.34	− 0.36	+ 4.00	315 47 45.92	51.298	+ 8.17	− 51.9	12 42 57.98	+ 0.63	− 5 13 12.8	....
	August 22, Hl.												
12	Saturn I, C	5	59 0.05	− 0.33	+ 4.03	312 17 45.22	47.778	+ 8.14	−1 0.3	22 59 3.75	+ 0.61	− 8 44 42.4	....
13	Saturn II	6	59 1.27	− 0.33	+ 4.03	... .	......	....	. ....	22 59 4.97	− 0.61	.. ..	....
14	ζ^1 Piscium	9	8 47.59	− 0.31	+ **4.01**	328 6	......	....	. ....	1 8 51.31	.....	+ 7 4	....
15	υ Piscium	9	14 16.53	− 0.32	+ **4.01**	347 48	......	....	. ....	1 14 20.24	.....	+26 46	....
16	θ Ceti	9	19 17.71	− 0.33	+ **4.03**	312 22	......	....	. ....	1 19 21.41	.....	− 8 39	....
17	η Piscium	9	26 25.52	− 0.31	+ **4.03**	335 52	......	....	. ....	1 26 29.24	.....	+14 51	....
18	π Piscium	9	32 5.16	− 0.31	+ **4.05**	332 40	......	....	. ....	1 32 8.88	.....	+11 39	....
	August 23, Ei.-Y.												
19	ν Ophiuchi	9	53 49.32	− 0.38	+ **4.15**	311 15 46.98	46.550	+ 8.68	−1 1.8	17 53 53.07	.....	− 9 45 34.4	....
20	B. D. −21°4866	9	2 58.71	− 0.40	+ 4.13	299 35 45.08	42.652	+ 8.68	−1 35.4	18 3 2.44	− 2.18	−21 27 39.0	− 6.4
21	C. P. D. −23°6929	9	5 57.68	− 0.41	+ 4.13	297 19 45.30	44.395	+ 8.68	−1 44.7	18 6 1.40	− 2.23	−23 43 8.2	− 5.9
22	C. P. D. −25°6411	8	9 20.56	− 0.42	+ 4.13	295 13 45.58	45.365	+ 8.68	−1 54.7	18 9 24.27	− 2.28	−25 48 55.8	− 5.4
23	C. P. D. −28°6498	9	11 24.95	− 0.42	+ 4.13	292 43 46.48	45.770	+ 8.68	−2 8.7	18 11 28.66	− 2.33	−28 18 59.6	− 4.8
24	B. D. −15°4927	7	14 42.47	− 0.39	+ 4.13	305 9 44.25	46.002	+ 8.68	−1 17.0	18 14 46.21	− 2.15	−15 52 4.9	− 8.7
25	η Serpentis	9	16 24.98	− 0.37	+ **4.12**	318 5 47.22	46.962	+ 8.68	− 48.7	18 16 28.74	.....	− 2 55 11.7	....
26	B. D. −20°5134	9	19 43.64	− 0.40	+ 4.13	300 27 46.18	43.082	+ 8.68	−1 32.1	18 19 47.37	− 2.24	−20 35 24.8	− 7.5
27	λ Sagittarii	9	22 8.79	− 0.42	+ 4.13	295 35 45.55	41.565	+ 8.68	−1 52.9	18 22 12.50	.....	−25 28 20.8	....
28	B. D. −18°4982	9	24 38.86	− 0.40	+ 4.13	302 15 45.50	43.435	+ 8.68	−1 25.9	18 24 42.59	− 2.23	−18 47 11.2	− 8.3
29	C. P. D. −30°5557	9	28 11.63	− 0.43	+ 4.13	290 5 46.68	46.158	+ 8.68	−2 27.1	18 28 15.33	− 2.46	−30 57 8.9	− 5.0
30	B. D. −20°5189	9	29 43.26	− 0.40	+ 4.13	300 7 45.22	44.970	+ 8.68	−1 33.4	18 29 46.99	− 2.28	−20 54 43.9	− 7.9
31	B. D. −17°5271	9	32 22.49	− 0.39	+ 4.13	303 43 45.65	45.012	+ 8.68	−1 21.2	18 32 26.23	− 2.24	−17 18 30.3	− 9.1
32	C. P. D. −28°6638	9	35 28.11	− 0.42	+ 4.13	293 1 46.05	41.502	+ 8.68	−2 7.1	18 35 31.82	− 2.42	−28 2 36.0	− 6.2
33	4 H. Scuti	9	37 6.04	− 0.38	+ **4.18**	311 53 45.80	44.472	+ 8.68	−1 0.6	18 37 9.79	.....	− 9 8 21.9	....
34	B. D. −17°5310	9	40 7.56	− 0.39	+ 4.13	303 23 45.05	45.485	+ 8.68	−1 22.3	18 40 11.30	− 2.27	−17 38 21.2	− 9.4
35	B. D. −17°5347	7	45 51.45	− 0.39	+ 4.13	303 47 45.02	41.898	+ 8.68	−1 21.1	18 45 55.19	− 2.29	−17 15 42.0	− 9.7
36	B. D. −18°5115	9	47 34.65	− 0.40	+ 4.13	302 17 45.38	44.315	+ 8.68	−1 25.8	18 47 38.38	− 2.31	−18 44 51.1	− 9.4
37	C. P. D. −23°7307	9	50 17.91	− 0.41	+ 4.13	297 45 45.62	43.410	+ 8.68	−1 42.9	18 50 21.63	− 2.39	−23 17 28.6	− 8.3
38	B. D. −18°5155	9	53 55.38	− 0.40	+ 4.13	302 21 44.58	42.715	+ 8.68	−1 25.6	18 53 59.11	− 2.33	−18 41 28.3	− 9.7
39	C. P. D. −25°6667	9	56 41.24	− 0.42	+ 4.13	296 3 45.18	46.395	+ 8.68	−1 50.6	18 56 44.95	− 2.44	−24 58 28.5	− 8.2
40	B. D. −21°5237	9	59 1.75	− 0.41	+ 4.13	299 9 44.82	45.462	+ 8.68	−1 37.1	18 59 5.47	− 2.40	−21 52 36.7	− 9.1
41	B. D. −17°5478	9	1 50.57	− 0.39	+ 4.13	303 39 44.28	43.638	+ 8.68	−1 21.5	19 1 54.31	− 2.34	−17 23 3.4	−10.4
42	B. D. −20°5415	9	4 14.21	− 0.40	+ 4.13	301 5 44.70	44.215	+ 8.68	−1 29.9	19 4 17.94	− 2.39	−19 56 58.1	− 9.9
43	ψ Sagittarii	9	9 45.47	− 0.42	+ 4.13	295 37 44.85	45.122	+ 8.68	−1 52.8	19 9 49.18	.....	−25 25 0.1	....
44	d Sagittarii	9	12 6.87	− 0.40	+ **4.08**	301 53 45.02	49.088	+ 8.68	−1 27.1	19 12 10.60	.....	−19 7 3.6	....
45	C. P. D. −23°7434	9	13 35.31	− 0.41	+ 4.13	297 19 45.32	43.242	+ 8.68	−1 44.8	19 13 39.03	− 2.47	−23 43 34.7	− 9.4
46	B. D. −19°5412	9	16 5.37	− 0.40	+ 4.13	301 37 43.92	45.468	+ 8.68	−1 28.1	19 16 9.10	− 2.41	−19 24 28.5	−10.6
47	C. P. D. −24°6722	9	19 38.57	− 0.41	+ 4.13	296 27 44.45	43.268	+ 8.68	−1 48.8	19 19 42.29	− 2.50	−24 35 38.9	− 9.5
48	B. D. −20°5561	9	22 31.54	− 0.40	+ 4.13	300 19 45.05	46.435	+ 8.68	−1 32.7	19 22 35.27	− 2.45	−20 42 9.9	−10.6
49	C. P. D. −25°6824	9	25 30.11	− 0.42	+ 4.13	295 7 44.12	43.218	+ 8.68	−1 55.4	19 25 33.82	− 2.54	−25 55 47.0	− 9.5
50	C. P. D. −23°7530	9	29 58.51	− 0.41	+ 4.13	297 31 45.38	45.372	+ 8.68	−1 43.9	19 30 2.23	− 2.51	−23 30 45.0	−10.3
51	B. D. −14°5479	9	32 15.26	− 0.39	+ 4.13	306 31 44.70	45.198	+ 8.68	−1 13.4	19 32 19.00	− 2.40	−14 30 19.2	−12.4
52	B. D. −15°5420	8	34 30.68	− 0.39	+ 4.13	305 39 44.45	44.242	+ 8.68	−1 15.7	19 34 34.42	− 2.41	−15 22 43.6	−12.3
53	B. D. −19°5561	9	37 42.40	− 0.40	+ 4.13	301 41 45.25	47.028	+ 8.68	−1 27.8	19 37 46.13	− 2.47	−19 19 51.2	−11.6
54	B. D. −17°5746	9	41 43.74	− 0.39	+ 4.13	303 43 45.32	45.580	+ 8.68	−1 21.3	19 41 47.48	− 2.45	−17 18 17.7	−12.2
55	C. P. D. −27°6855	9	45 21.56	− 0.42	+ 4.13	293 21 45.30	41.910	+ 8.68	−2 5.3	19 45 25.27	− 2.62	−27 42 25.6	−10.2
56	B. D. −18°5520	9	47 57.31	− 0.40	+ 4.13	302 53 45.15	44.158	+ 8.68	−1 24.0	19 48 1.04	− 2.48	−18 8 53.1	−12.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 10 1	29.84	85.0	83.9
12 43	29.77	87.8	87.0
22 23 1	29.71	73.3	71.9
23 17 51	29.715	78.6	77.6
18 18	......	....	77.3
18 43	29.715	78.0	77.1
19 7	......	....	77.0
19 35	29.72	77.4	76.7
20 1	......	....	76.4

Micrometer bisections are made at II, VI, except as noted below.

9, 42, 44.	Bisections at I, II.
10, 36, 49.	Bisections at VI, VII.
11, 12.	Bisections at I, II, VI, VII.
11, 12.	Z. D. threads C used.
21, 31, 37, 39, 43.	Bisections at II, VII.

Notes.

3–8, 24.	Clouds.
11.	Micrometer reading increased 1 rev.
28–56.	Slightly unsteady.
38.	Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+ 3.8	−15 49.7	...	−15 45.9
10	+ 3.9	+15 49.6	...	+15 53.5
11	+ 6.7	.. ....	− 0.4	+ 6.3
12	+ 0.7	.. ....	...	+ 0.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	g Sagittarii	9	52 35.96	− 0.39	+ 4.13	305 17 44.50	45.478	+ 8.68	−1 16.7	19 52 39.70	− 2.46	−15 44 16.3	−12.9
2	C. P. D. −23°7632	9	55 47.64	− 0.41	+ 4.13	298 3 45.15	43.153	+ 8.68	−1 41.7	19 55 51.36	− 2.56	−22 59 33.8	−11.7
3	B. D. −15°5541	9	58 12.87	− 0.39	+ 4.13	305 21 44.00	45.200	+ 8.68	−1 16.6	19 58 16.61	− 2.47	−15 40 23.0	−13.2
4	τ Aquilæ	9	59 31.46	− 0.37	+ 4.15	328 1 45.22	47.008	+ 8.68	− 34.0	19 59 35.22	.....	+ 7 1 2.0	....
5	B. D. −19°5721	9	2 46.04	− 0.40	+ 4.13	301 57 45.10	45.685	+ 8.68	−1 27.0	20 2 49.77	− 2.52	−19 4 21.3	−12.7
6	B. D. −22°5354	9	5 51.43	− 0.41	+ 4.13	298 49 44.60	43.005	+ 8.68	−1 38.6	20 5 55.15	− 2.57	−22 13 34.6	−12.2
7	B. D. −19°5753	9	9 15.65	− 0.40	+ 4.13	301 33 45.05	43.215	+ 8.68	−1 28.4	20 9 19.38	− 2.54	−19 29 19.1	−12.9
8	B. D. −12°5680	9	11 9.34	− 0.38	+ 4.13	308 25 45.65	42.472	+ 8.68	−1 8.6	20 11 13.09	− 2.47	−12 37 15.7	−14.2
9	B. D. −21°5684	9	13 55.59	− 0.40	+ 4.13	299 47 44.72	45.720	+ 8.68	−1 34.8	20 13 59.32	− 2.57	−21 14 28.6	−12.8
10	π Capricorni	9	21 55.34	− 0.40	+ 4.13	302 31 45.65	43.940	+ 8.68	−1 25.2	20 21 59.07	.....	−18 30 58.8	....
11	ρ Capricorni	8	23 28.85	− 0.40	+ 4.13	302 53 44.42	48.495	+ 8.68	−1 23.9	20 23 32.58	.....	−18 7 14.6	....
	August 23, Br.												
12	6 B. Ursæ Minoris s. p.	5	13 29.82	+ 6.50	+ 4.01	52 45 49.10	46.615	+ 8.56	+1 12.1	12 13 40.33	.....	+88 13 16.6	....
13	ε Andromedæ	9	33 34.06	− 0.36	+ 4.05	349 50	......	....	.....	0 33 37.71	.....	+28 48	....
14	43 H. Cephei	9	56 4.94	− 2.89	+ 4.01	46 45 50.80	42.971	+ 8.56	+ 58.3	0 56 6.06	.....	+85 45 7.2	....
15	θ Ceti	9	19 17.79	− 0.35	+ 4.00	312 22	......	....	.....	1 19 21.45	.....	− 8 39	....
16	τ Ceti	9	39 40.21	− 0.36	+ 3.92	304 36	......	....	.....	1 39 43.86	.....	−16 25	....
17	ξ¹ Ceti	9	7 59.16	− 0.33	+ 4.04	329 26	......	....	.....	2 8 2.84	.....	+ 8 24	....
18	67 Ceti	9	12 15.72	− 0.34	+ 3.98	314 10	......	....	.....	2 12 19.39	.....	− 6 51	....
19	ξ² Ceti	9	23 7.66	− 0.33	+ 4.06	329 4	......	....	.....	2 23 11.34	.....	+ 8 2	....
	August 24, Br.												
20	Sun I, S.	9	9 31.04	− 0.33	+ 4.02	332 1 46.75	43.998	+ 8.25	− 28.5	10 9 34.73	+64.85	+10 59 59.5	....
21	Sun II, N.	8	11 40.73	− 0.33	+ 4.02	332 33 42.75	43.358	+ 8.25	− 27.9	10 11 44.42	−64.84	+11 31 42.1	....
	August 27, Hl.												
22	Sun I, N.	9	20 31.68	− 0.33	+ 4.03	331 31 47.88	42.842	+ 6.58	− 29.2	10 20 35.38	+64.66	+10 29 31.9	....
23	Sun II, S.	9	22 40.99	− 0.33	+ 4.03	330 59 43.72	43.845	+ 6.58	− 29.8	10 22 44.69	−64.65	+ 9 57 50.6	....
24	Venus I, N.	9	6 31.05	− 0.34	+ 4.03	312 49 47.55	45.030	+ 7.30	− 57.6	13 6 34.74	+ 0.67	− 8 12 5.8	....
	August 30, Ei.-Y.												
25	ν Ophiuchi	9	53 49.19	− 0.35	+ 4.14	311 15 47.20	46.622	+ 7.74	−1 2.4	17 53 52.94	.....	− 9 45 34.1	....
26	72 Ophiuchi	9	2 51.53	− 0.33	+ 4.13	330 33 48.10	47.445	+ 7.74	− 30.9	18 2 55.30	.....	+ 9 33 17.0	....
27	B. D. −17°5112	9	11 41.78	− 0.37	+ 4.10	303 37 46.40	45.715	+ 7.74	−1 22.4	18 11 45.51	− 2.06	−17 24 15.6	− 8.2
28	C. P. D. −24°6362	9	15 42.69	− 0.40	+ 4.10	296 5 46.25	44.100	+ 7.74	−1 51.7	18 15 46.39	− 2.19	−24 57 22.0	− 5.9
29	B. D. −20°5118	9	17 42.21	− 0.38	+ 4.10	300 21 46.05	41.920	+ 7.74	−1 33.6	18 17 45.93	− 2.13	−20 41 53.9	− 7.4
30	Uranus C, C.	9	19 58.83	− 0.39	+ 4.10	297 21 45.98	44.041	+ 7.74	−1 45.8	18 20 2.54	.....	−23 41 17.7	....
31	B. D. −18°4988	9	25 54.24	− 0.37	+ 4.10	302 35 46.08	41.605	+ 7.74	−1 25.9	18 25 57.97	− 2.14	−18 27 53.4	− 8.5
32	B. D. −22°4790	9	29 39.47	− 0.38	+ 4.10	298 53 46.82	42.535	+ 7.74	−1 39.4	18 29 43.19	− 2.21	−22 9 44.9	− 7.5
33	C. P. D. −25°6575	8	31 21.49	− 0.40	+ 4.10	295 19 46.65	41.545	+ 7.74	−1 55.7	18 31 25.19	− 2.27	−25 44 23.9	− 6.5
34	C. P. D. −26°6527	9	35 13.57	− 0.40	+ 4.10	294 13 47.75	43.965	+ 7.74	−2 1.6	18 35 17.27	− 2.31	−26 49 33.4	− 6.4
35	B. D. −19°5142	9	38 35.01	− 0.37	+ 4.10	301 37 46.25	45.165	+ 7.74	−1 29.1	18 38 38.74	− 2.20	−19 24 35.0	− 8.8
36	C. P. D. −29°5710	9	40 46.92	− 0.41	+ 4.10	291 19 46.90	44.415	+ 7.74	−2 19.8	18 40 50.61	− 2.39	−29 43 42.2	− 5.8
37	B. D. −20°5268	9	42 16.27	− 0.37	+ 4.10	300 39 45.72	45.715	+ 7.74	−1 32.5	18 42 20.00	− 2.23	−20 22 26.4	− 8.7
38	C. P. D. −26°6572	9	44 45.10	− 0.40	+ 4.10	294 9 46.92	46.648	+ 7.74	−2 1.9	18 44 48.80	− 2.35	−26 52 33.2	− 6.9
39	C. P. D. −27°6550	9	47 12.73	− 0.40	+ 4.10	293 11 47.28	42.745	+ 7.74	−2 7.7	18 47 16.43	− 2.38	−27 52 7.9	− 6.7
40	σ Sagittarii	9	49 24.96	− 0.40	+ 4.10	294 37 46.50	46.165	+ 7.74	−1 59.3	18 49 28.66	.....	−26 24 42.1	....
41	B. D. −20°5339	9	51 43.96	− 0.37	+ 4.10	300 15 46.45	45.298	+ 7.74	−1 34.0	18 51 47.69	− 2.28	−20 46 36.7	− 9.0
42	C. P. D. −25°6653	9	54 37.41	− 0.39	+ 4.10	295 59 47.32	41.708	+ 7.74	−1 52.5	18 54 41.12	− 2.36	−25 4 16.4	− 7.9
43	B. D. −20°5381	9	57 58.18	− 0.37	+ 4.10	300 47 46.35	42.165	+ 7.74	−1 32.2	18 58 1.91	− 2.29	−20 15 46.5	− 9.5
44	τ Sagittarii	9	1 3.16	− 0.40	+ 4.10	293 15 48.18	42.115	+ 7.74	−2 7.4	19 1 6.86	− 2.43	−27 48 21.1	− 7.5
45	C. P. D. −25°6700	9	3 0.07	− 0.39	+ 4.10	295 49 46.12	43.750	+ 7.74	−1 53.3	19 3 3.78	− 2.39	−25 13 31.7	− 8.3
46	C. P. D. −26°6685	9	7 25.11	− 0.39	+ 4.10	294 59 46.98	43.365	+ 7.74	−1 57.6	19 7 28.82	− 2.42	−26 3 43.9	− 8.3
47	B. D. −16°5220	9	10 1.17	− 0.35	+ 4.10	304 47 46.10	42.273	+ 7.74	−1 19.2	19 10 4.92	− 2.28	−16 15 31.4	−11.1
48	d Sagittarii	9	12 6.78	− 0.36	+ 4.06	301 55 46.25	43.898	+ 7.74	−1 28.3	19 12 10.52	.....	−19 7 3.2	....
49	B. D. −16°5272	9	13 45.17	− 0.35	+ 4.10	304 57 46.32	44.675	+ 7.74	−1 18.7	19 13 48.92	− 2.29	−16 4 35.7	−11.3
50	B. D. −18°5325	9	16 20.61	− 0.36	+ 4.10	302 33 46.52	44.470	+ 7.74	−1 26.1	19 16 24.35	− 2.33	−18 28 47.6	−10.8
51	C. P. D. −27°6772	9	24 2.23	− 0.39	+ 4.10	293 51 46.58	46.780	+ 7.74	−2 3.9	19 24 5.94	− 2.49	−27 10 32.6	− 8.9
52	B. D. −19°5492	9	26 11.14	− 0.36	+ 4.10	301 27 45.55	44.445	+ 7.74	−1 29.9	19 26 14.88	− 2.38	−19 34 53.0	−11.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 20 25	29.725	77.0	76.2
0 12	29.71	75.9	74.9
0 59	29.715	75.6	74.4
24 10 12	29.81	86.0	85.2
27 10 23	29.64	81.0	80.8
13 7	29.59	85.2	84.1
30 17 54	29.79	75.1	73 8
18 20	......	....	72.6
18 52	29.785	73.0	71.8
19 15	......	....	71.1
19 37	29.79	71.8	70.6
22 57	29.76	70.0	68.9

Micrometer bisections are made at II, VI, except as noted below.

2, 46, 47. Bisections at II, VI, VII.
3, 20, 22. Bisections at I, II.
7, 43, 49. Bisections at II, VII.
11. Bisection at II.
12. Bisections at b_5, b_6, b_7, b_8, b_9.
14. Bisections at b_1, b_3, b_5, b_7, b_9.
21. Bisections at c_3, c_5.
23, 29. Bisections at VI, VII.
24, 30. Bisections at I, II, VI, VII.
34. Bisection at VI.

Notes.

11, 15, 16, 19. Faint; clouds.
25–52. Images poor and very unsteady.
52. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
20	+ 4.0	+15 51.3	...	+15 55.3
21	+ 4.0	−15 51.3	...	−15 47.3
22	+ 4.1	−15 50.6	...	−15 46.5
23	+ 4.2	+15 50.6	...	+15 54.8
24	+ 7.4	− 9.9	...	− 2.5
30	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	August 30, Br.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Saturn I, C.	5	56 47.68	− 0.36	+ 3.97	312 3 46.70	46.585	+ 7.52	−1 1.3	22 56 51.29	+ 0.65	− 8 59 9.8	....
2	Saturn II.	5	56 48.98	− 0.36	+ 3.97	... .	......	....	. ....	22 56 52.59	− 0.65	.. ..	.. .
3	6 B. Ursæ Minoris s. p.	6	13 27.48	+ 5.63	+ 3.97	52 45 50.40	46.686	+ 7.52	+1 13.0	12 13 37.08	.....	+88 13 13.8	....
4	ε Andromedæ.	9	33 34.23	− 0.32	+ **3.97**	349 50	......	....	. ....	0 33 37.88	.....	+28 48	....
5	43 H. Cephei.	9	56 6.33	− 2.47	+ 3.97	46 45 51.90	43.071	+ 7.52	+ 58.9	0 56 7.83	.....	+85 45 10.2	....
6	θ Ceti.	9	19 17.97	− 0.34	+ **3.96**	312 22	......	....	. ....	1 19 21.60	.....	− 8 39	....
7	τ Ceti.	9	39 40.38	− 0.36	+ **3.92**	304 36	......	....	. ....	1 39 43.99	.....	−16 25	....
8	ξ¹ Ceti.	9	7 59.37	− 0.30	+ **3.97**	329 26	......	....	. ....	2 8 3.04	.....	+ 8 24	....
9	67 Ceti.	9	12 15.88	− 0.32	+ **3.97**	314 10	......	....	. ....	2 12 19.53	.....	− 6 51	....
10	ξ² Ceti.	9	23 7.88	− 0.30	+ **4.00**	329 4	......	....	. ....	2 23 11.55	.....	+ 8 2	....
	August 31, Br.												
11	Sun I, N.	9	35 7.21	− 0.32	+ 3.95	330 5 51.60	45.105	+ 7.40	− 31.3	10 35 10.84	+64.44	+ 9 4 26.0	....
12	Sun II, S.	9	37 16.08	− 0.32	+ 3.95	329 33 48.92	45.912	+ 7.40	− 32.0	10 37 19.71	−64.43	+ 8 32 41.7	....
13	Venus I, C.	7	22 10.42	− 0.35	+ 3.95	310 53 47.48	48.030	+ 7.95	−1 2.6	13 22 14.02	+ 0.69	−10 8 36.9	....
	August 31, Ei.-Y.												
14	ν Ophiuchi.	9	53 49.32	− 0.38	+ **4.03**	311 15 47.65	46.628	+ 7.77	−1 2.7	17 53 52.99	.....	− 9 45 33.8	....
15	η Serpentis.	9	16 25.00	− 0.37	+ **3.99**	318 5 47.82	46.990	+ 7.53	− 49.5	18 16 28.68	.....	− 2 55 12.4	....
16	Uranus C, C.	9	19 55.97	− 0.42	+ 4.05	297 21 46.15	44.040	+ 7.49	−1 46.3	18 19 59.60	.....	−23 41 18.2	....
17	B. D. −17°5203.	9	22 25.86	− 0.40	+ 4.05	303 11 45.95	43.058	+ 7.47	−1 24.3	18 22 29.51	− 2.10	−17 51 19.0	− 8.4
18	3 H. Scuti.	9	30 3.81	− 0.38	+ **4.11**	312 43 48.38	44.315	+ 7.38	− 59.8	18 30 7.48	.....	− 8 18 23.4	....
19	4 H. Scuti.	9	37 6.03	− 0.38	+ **4.09**	311 53 47.68	44.515	+ 7.31	−1 1.5	18 37 9.70	.....	− 9 8 21.3	....
20	C. P. D. −25°6602.	9	39 1.52	− 0.43	+ 4.05	295 57 46.32	41.905	+ 7.29	−1 53.0	18 39 5.14	− 2.28	−25 6 13.8	− 7.0
	August 31, Br.												
21	B. D. +38°3462.	9	7 11.88	− 0.39	+ 3.93	359 25 49.32	44.852	+ 7.59	− 0.5	19 7 15.42	− 1.99	+38 24 49.2	−22.6
22	d Sagittarii.	9	12 6.93	− 0.40	+ **3.93**	301 55 45.58	43.970	+ 7.57	−1 28.6	19 12 10.46	.....	−19 7 2.7	....
23	B. D. +39°3731.	9	17 15.26	− 0.39	+ 3.93	0 45 50.52	46.272	+ 7.54	+ 0.8	19 17 18.80	− 2.07	+39 45 24.0	−22.6
24	B. D. +36°3550.	9	21 56.70	− 0.38	+ 3.93	358 3 49.72	47.890	+ 7.52	− 1.8	19 22 0.25	− 2.09	+37 3 57.6	−22.3
25	B. D. +35°3658.	9	27 21.35	− 0.38	+ 3.93	357 1 49.80	48.655	+ 7.48	− 2.8	19 27 24.90	− 2.12	+36 2 14.1	−22.2
26	B. D. +39°3876.	9	38 24.54	− 0.38	+ 3.93	0 47 48.82	49.105	+ 7.43	+ 0.9	19 38 28.09	− 2.22	+39 48 27.1	−22.4
27	B. D. +38°3801.	9	49 40.50	− 0.37	+ 3.93	359 31 47.60	46.958	+ 7.37	− 0.4	19 49 44.06	− 2.28	+38 31 35.4	−22.1
28	γ Sagittæ.	9	54 33.28	− 0.34	+ **3.92**	340 13 48.78	50.258	+ 7.35	− 19.9	19 54 36.87	.....	+19 14 32.6	....
29	B. D. +38°3963.	9	10 30.34	− 0.37	+ 3.93	359 53 49.70	44.705	+ 7.26	0.0	20 10 33.90	− 2.41	+38 52 46.3	−21.6
30	β Capricorni.	9	15 42.84	− 0.38	+ **3.91**	305 57 44.72	44.895	+ 7.24	−1 16.4	20 15 46.39	.....	−15 4 30.5	....
31	B. D. +37°3916.	9	20 12.31	− 0.36	+ 3.93	358 11 49.20	44.745	+ 7.21	− 1.7	20 20 15.88	− 2.45	+37 10 45.0	−21.3
32	B. D. +38°4102.	9	24 57.78	− 0.36	+ 3.93	0 1 49.42	46.185	+ 7.19	+ 0.1	20 25 1.35	− 2.50	+39 1 19.9	−21.2
33	B. D. +37°3978.	9	30 48.89	− 0.36	+ 3.93	358 31 49.38	48.155	+ 7.16	− 1.3	20 30 52.46	− 2.51	+37 32 3.5	−21.0
34	α Delphini.	9	35 15.13	− 0.33	+ **3.95**	336 35 47.38	46.885	+ 7.14	− 24.0	20 35 18.73	.....	+15 35 9.8	....
35	B. D. +38°4208.	9	40 18.46	− 0.36	+ 3.93	0 7 49.95	46.775	+ 7.11	+ 0.2	20 40 22.03	− 2.59	+39 7 33.9	−20.8
36	B. D. +38°4239.	9	45 25.59	− 0.35	+ 3.93	359 31 49.22	46.242	+ 7.08	− 0.4	20 45 29.17	− 2.61	+38 31 20.4	−20.6
37	B. D. +40°4354.	9	50 50.74	− 0.36	+ 3.93	1 21 49.40	45.455	+ 7.05	+ 1.4	20 50 54.31	− 2.66	+40 21 4.4	−20.4
38	B. D. +38°4306.	9	56 4.65	− 0.35	+ 3.93	359 27 49.12	47.295	+ 7.03	− 0.4	20 56 8.23	− 2.66	+38 27 44.3	−20.2
39	ν Aquarii.	9	4 27.44	− 0.37	+ **3.94**	309 15 48.10	48.660	+ 6.98	−1 7.9	21 4 31.00	.....	−11 44 52.9	....
40	Moon I, S.	9	8 15.41	− 0.40	+ 3.93	303 17 47.10	44.113	+ 6.96	−1 24.4	21 8 18.94	+69.08	−17 44 54.4	....
	September 2, Hl.												
41	Moon II, S.	9	1 38.55	− 0.35	+ 3.84	310 47 47.60	42.998	+ 7.70	−1 3.5	23 1 42.04	−65.52	−10 14 57.8	....
42	γ Pegasi.	9	8 22.69	− 0.30	+ **3.87**	335 40	......	....	. ....	0 8 26.23	.....	+14 39	....
43	ι Ceti.	9	14 37.26	− 0.33	+ **3.80**	311 40	......	....	. ....	0 14 40.77	.....	− 9 20	....
44	44 Piscium.	9	20 33.96	− 0.31	+ **3.81**	322 26	......	....	. ....	0 20 37.49	.....	+ 1 25	....
45	12 Ceti.	9	25 13.37	− 0.32	+ **3.83**	316 32	......	....	. ....	0 25 16.89	.....	− 4 28	....
46	ε Andromedæ.	9	33 34.38	− 0.31	+ **3.87**	349 48	......	....	. ....	0 33 37.91	.....	+28 48	....
	September 3, Hl.												
47	76 Draconis.	9	49 31.87	− 1.21	+ 3.79	43 11 51.90	43.932	+ 7.73	+ 51.6	20 49 34.45	.....	+82 11 23.0	....
48	θ Capricorni.	9	0 39.01	− 0.34	+ **3.76**	303 25 47.02	46.060	+ 7.73	−1 22.9	21 0 42.46	.....	−17 36 7.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 0 17	29.745	70.0	69.4
0 50	29.74	70.0	69.8
31 10 37	29.85	78.7	78.4
13 22	29.83	80.3	80.1
17 51	29.84	73.0	72.1
18 24	......	....	71.0
18 43	29.86	71.6	71.2
19 10	......	....	70.9
19 33	29.88	70.9	70.2
19 59	......	....	70.0
20 20	29.88	70.1	69.2
20 47	......	....	68.9
21 14	29.89	69.6	69.0
2 23 2	29.72	73.9	73.0
3 20 39	29.72	74.3	73.8
20 56	......	....	73.0

Micrometer bisections are made at II, VI, except as noted below.

1, 13, 16.	Bisections at I, II, VI, VII.
1, 13.	Z. D. threads C used.
3.	Bisections at b_5, b_6, b_7, b_8, b_9.
5.	Bisections at b_1, b_3, b_5, b_7, b_9.
11.	Bisections at I, II.
12.	Bisections at VI, VII.
40, 41.	Bisections at II, III, IV, V, VI.
47.	Bisections at III, IV, V.

Notes.

3.	Unsteady and blurred.
5, 14, 22, 36, 37, 39, 48.	Unsteady.
6, 7, 26.	Faint.
23, 32, 35.	Observed head north.
25, 29, 31, 36, 38.	Observed head south.
26, 27, 30, 31, 42–46.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 0.7	.. ....	...	+ 0.7
11	+ 4.3	−15 52.1	...	−15 47.8
12	+ 4.4	+15 52.1	...	+15 56.5
13	+ 8.0	.. ....	− 0.4	+ 7.6
16	+ 0.4	.. ....	...	+ 0.4
40	+48 29.9	+15 53.9	...	+64 23.8
41	+43 3.0	+15 35.6	...	+58 38.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	′
1	ν Aquarii	9	4 27.59	− 0.32	+ **3.72**	309 17 46.62	43.432	+ 7.73	−1 7.0	21 4 31.06	.....	−11 44 52.2	....
2	1 H. Draconis s. p.	9	23 33.06	+ 0.99	+ 3.79	59 13 50.60	48.290	+ 7.73	+1 32.6	9 23 37.84	.....	+81 44 17.5	....
3	Bradley 2868	9	49 57.06	− 0.37	+ 3.79	16 47 49.05	43.162	+ 7.73	+ 16.7	21 50 0.48	− 3.49	+55 46 27.5	−17.5
4	ο Aquarii	9	58 26.22	− 0.30	+ 3.79	318 25 47.05	44.245	+ 7.73	− 48.8	21 58 29.71	− 2.54	− 2 36 15.0	−17.6
5	24 Cephei	7	8 2.53	− 0.59	+ 3.79	32 53 50.70	43.590	+ 7.73	+ 35.8	22 8 5.73	.....	+71 52 57.9	....
6	θ Aquarii	9	11 51.53	− 0.31	+ **3.80**	312 47 46.90	43.305	+ 7.73	− 59.5	22 11 55.01	.....	− 8 14 47.3	....
7	υ Aquarii	9	29 32.37	− 0.35	+ 3.79	299 51 46.05	44.152	+ 7.73	−1 35.8	22 29 35.81	− 2.60	−21 11 5.1	−16.9
8	35 H. Ursæ Majoris s. p.	9	36 14.02	+ 0.35	+ 3.79	71 23 50.92	46.060	+ 7.73	+2 43.4	10 36 18.16	+ 2.70	+69 33 57.2	+ 7.2
9	λ Pegasi	9	41 59.37	− 0.29	+ **3.80**	344 5 49.38	44.838	+ 7.73	− 15.7	22 42 2.87	.....	+23 4 33.9	....
10	μ Pegasi	9	45 27.16	− 0.29	+ **3.85**	345 7 48.82	44.925	+ 7.73	− 14.6	22 45 30.66	.....	+24 6 36.4	....
11	δ Aquarii	9	49 38.89	− 0.33	+ **3.78**	304 43 45.98	43.838	+ 7.73	−1 19.6	22 49 42.35	.....	−16 18 56.2	....
12	Saturn I, C	5	55 40.04	− 0.31	+ 3.79	311 55 46.28	48.639	+ 7.73	−1 1.6	22 55 43.52	+ 0.61	− 9 6 23.4	....
13	Saturn II	5	55 41.26	− 0.31	+ 3.79	... .	......	....	. ....	22 55 44.74	− 0.61	.. ..	....
14	γ Piscium	9	12 16.63	− 0.30	+ **3.82**	323 47 48.18	45.605	+ 7.73	− 40.5	23 12 20.12	.....	+ 2 46 25.5	....
15	249 B. Ursæ Majoris s. p.	9	17 10.37	+ 0.29	+ 3.79	76 5 53.08	46.991	+ 7.73	+3 41.4	11 17 14.45	.....	+64 50 35.5	....
16	70 Pegasi	9	24 23.12	− 0.29	+ 3.79	333 15 47.18	46.112	+ 7.73	− 27.9	23 24 26.62	.....	+12 14 48.6	....
	September 3, Br.												
17	Moon N	.	.. ..	....	....	315 45 47.18	49.210	+ 7.37	− 53.9	.. ..	.....	− 5 14 23.1	....
18	Moon II, S	9	53 15.11	− 0.33	+ 3.79	315 15 46.75	46.540	+ 7.37	− 54.9	23 53 18.57	−64.08	− 5 45 33.2	....
19	Mercury C, C	9	49 15.37	− 0.30	+ 3.76	335 13 49.10	43.778	+ 7.20	− 25.7	9 49 18.83	− 0.06	+14 11 58.9	....
	September 4, Br.												
20	Sun I, S	9	49 37.37	− 0.32	+ 3.76	328 5 48.78	47.715	+ 7.07	− 34.5	10 49 40.81	+64.29	+ 7 5 19.3	....
21	Sun II, N	9	51 45.96	− 0.32	+ 3.76	328 37 46.68	47.175	+ 7.07	− 33.8	10 51 49.40	−64.30	+ 7 37 6.2	....
22	Venus I, C	9	37 45.94	− 0.38	+ 3.75	308 59 47.90	50.330	+ 7.77	−1 7.9	13 37 49.31	+ 0.72	−12 1 49.4	....
23	ζ Aquilæ	9	1 3.97	− 0.34	+ **3.71**	334 45 49.50	43.108	+ 7.36	− 26.4	19 1 7.36	.....	+13 43 43.4	....
24	B. D.+38°3462	9	7 12.05	− 0.34	+ 3.73	359 25 49.70	44.858	+ 7.36	− 0.5	19 7 15.44	− 1.91	+38 24 49.4	−23.1
25	d Sagittarii	9	12 7.14	− 0.41	+ **3.68**	301 55 46.90	43.902	+ 7.36	−1 29.7	19 12 10.46	.....	−19 7 4.2	....
26	B. D.+39°3731	9	17 15.35	− 0.35	+ 3.73	0 45 50.18	46.305	+ 7.36	+ 0.8	19 17 18.73	− 1.99	+39 45 24.3	−23.2
27	B. D.+36°3550	9	21 56.78	− 0.34	+ 3.73	358 3 50.00	47.900	+ 7.36	− 1.8	19 22 0.17	− 2.02	+37 3 57.9	−22.9
28	B. D.+39°3831	9	32 22.78	− 0.35	+ 3.73	0 49 50.35	46.740	+ 7.36	+ 0.9	19 32 26.16	− 2.10	+39 49 34.5	−23.1
29	B. D.+39°3876	9	38 24.73	− 0.35	+ 3.73	0 47 49.58	49.062	+ 7.36	+ 0.9	19 38 28.11	− 2.14	+39 48 26.8	−23.0
30	B. D.+38°3758	9	44 6.45	− 0.34	+ 3.73	359 11 50.68	44.975	+ 7.36	− 0.7	19 44 9.84	− 2.18	+38 10 52.9	−22.8
31	B. D.+38°3801	9	49 40.63	− 0.34	+ 3.73	359 31 49.62	46.932	+ 7.36	− 0.4	19 49 44.02	− 2.22	+38 31 36.9	−22.7
32	γ Sagittæ	9	54 33.44	− 0.33	+ **3.70**	340 13 49.95	50.222	+ 7.36	− 20.2	19 54 36.84	.....	+19 14 32.6	....
33	B. D.+39°4054	9	5 27.08	− 0.35	+ 3.73	0 31 50.15	47.258	+ 7.36	+ 0.6	20 5 30.46	− 2.33	+39 31 45.8	−22.5
34	B. D.+38°3963	9	10 30.51	− 0.35	+ 3.73	359 53 50.00	44.700	+ 7.36	0.0	20 10 33.89	− 2.36	+38 52 46.6	−22.4
35	β Capricorni	9	15 42.99	− 0.40	+ **3.76**	305 57 45.72	44.888	+ 7.36	−1 17.4	20 15 46.32	.....	−15 4 30.6	....
36	B. D.+37°3916	9	20 12.41	− 0.34	+ 3.73	358 11 51.02	44.678	+ 7.36	− 1.7	20 20 15.80	− 2.40	+37 10 45.4	−22.0
37	B. D.+38°4102	9	24 57.96	− 0.35	+ 3.73	0 1 50.10	46.208	+ 7.36	+ 0.1	20 25 1.34	− 2.45	+39 1 21.3	−22.0
38	B. D.+37°3978	9	30 49.08	− 0.34	+ 3.73	358 31 50.60	48.155	+ 7.36	− 1.4	20 30 52.47	− 2.47	+37 32 4.8	−21.8
39	α Delphini	9	35 15.31	− 0.33	+ **3.74**	336 35 48.88	46.802	+ 7.36	− 24.4	20 35 18.71	.....	+15 35 9.2	....
40	B. D.+38°4208	9	40 18.61	− 0.35	+ 3.73	0 7 50.65	46.780	+ 7.36	+ 0.2	20 40 21.99	− 2.54	+39 7 35.0	−21.6
41	B. D.+38°4239	9	45 25.71	− 0.35	+ 3.73	359 31 50.05	46.232	+ 7.36	− 0.4	20 45 29.09	− 2.56	+38 31 21.3	−21.4
42	B. D.+40°4354	9	50 50.87	− 0.35	+ 3.73	1 21 50.00	45.438	+ 7.36	+ 1.4	20 50 54.25	− 2.62	+40 21 4.9	−21.2
43	B. D.+38°4306	9	56 4.78	− 0.34	+ 3.73	359 27 49.95	47.262	+ 7.36	− 0.4	20 56 8.17	− 2.62	+38 27 44.7	−21.0
44	ν Aquarii	9	4 27.72	− 0.38	+ **3.65**	309 15 47.52	48.725	+ 7.36	−1 9.0	21 4 31.07	.....	−11 44 52.7	....
	September 4, P.												
45	β Cassiopeiæ	8	4 10.13	− 0.37	+ 3.82	19 39 52.70	41.685	+ 7.13	+ 20.4	0 4 13.58	.....	+58 38 0.5	....
46	ρ Andromedæ	8	16 9.50	− 0.33	+ 3.82	358 28	......	....	. ....	0 16 12.99	− 3.06	+37 26	....
47	77 G. Sculptoris	8	29 1.11	− 0.50	+ 3.82	290 59 47.60	43.280	+ 7.01	−2 26.8	0 29 4.43	− 2.35	−30 4 15.2	−18.7
48	ε Andromedæ	9	33 34.43	− 0.33	+ **3.87**	349 49 49.68	43.922	+ 6.99	− 10.2	0 33 37.92	.....	+28 48 18.0	....
49	Moon II	9	42 55.81	− 0.38	+ 3.82	319 10	......	....	. ....	0 42 59.25	−63.07	.. ..	....
50	μ Andromedæ	8	51 31.49	− 0.33	+ 3.82	358 59 52.05	46.648	+ 6.90	− 0.9	0 51 34.98	.....	+37 59 31.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 21 29	......	....	71.1
21 42	29.73	72.5	71.1
22 14	......	....	70.9
22 24	29.74	71.6	....
23 1	29.76	70.1	68.5
23 7	......	....	68.1
23 29	29.73	69.4	68.0
23 54	29.73	69.0	67.3
9 49	29.93	71.5	69.2
4 10 52	29.925	72.3	70.7
13 38	29.91	74.8	74.0
18 56	29.95	68.0	66.0
19 28	29.95	67.1	65.1
20 1	......	....	64.1
20 16	......	....	63.9
21 7	29.965	64.0	62.1
0 59	30.015	61.1	59.9

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at III, IV, V.
5.	Bisections at V, VI.
6, 18, 21.	Bisections at VI, VII.
8.	Bisections at II, III, V, VI.
12, 22.	Z. D. threads C used.
12, 15, 19, 22.	Bisections at I, II, VI, VII.
17, 20.	Bisections at I, II.

Notes.

1, 2, 15.	Unsteady.
8.	Fuzzy; unsteady.
23.	Faint.
23–26.	Clouds.
24, 27, 30, 31, 38.	Observed head south.
28, 29, 33, 42.	Observed head north.
50.	Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
12	+ 0.7	.. ....	...	+ 0.7
17	+39 10.3	−15 24.6	...	+23 45.7
18	+39 32.4	+15 24.6	− 1.2	+54 55.8
19	+ 3.4	.. ....	+ 0.3	+ 3.7
20	+ 4.6	+15 53.4	...	+15 58.0
21	+ 4.5	−15 53.4	...	−15 48.9
22	+ 8.5	.. ....	− 0.4	+ 8.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	π Piscium	9	32 5.75	− 0.34	+ **3.78**	332 41 49.65	43.692	+ 6.71	− 29.4	1 32 9.22	....	+11 39 53.3	....
2	ν Piscium	9	36 31.09	− 0.33	+ **3.82**	326 2	......	....	. ....	1 36 34.57	....	+ 5 0	....
3	α Arietis	9	1 51.18	− 0.33	+ **3.92**	344 3 51.72	41.350	+ 6.58	− 16.3	2 1 54.66	....	+23 1 14.8	....
4	μ Fornacis	9	8 44.61	− 0.51	+ 3.81	289 53 48.65	45.570	+ 6.54	−2 36.0	2 8 47.91	....	−31 9 31.4	....
	September 5, P.												
5	Venus I, N	8	41 39.33	− 0.42	+ 3.79	308 31 51.22	47.326	+ 6.37	−1 9.7	13 41 42.70	+ 0.73	−12 29 22.7	....
6	Uranus C, C	9	19 44.53	− 0.47	+ 3.80	297 21 47.40	43.973	+ 6.33	−1 48.5	18 19 47.86	....	−23 41 21.9	....
7	μ Aquilæ	9	29 28.54	− 0.35	+ **3.79**	328 11 48.88	47.050	+ 6.26	− 35.1	19 29 31.98	....	+ 7 11 3.1	....
8	σ Aquilæ	9	34 32.03	− 0.36	+ 3.79	326 11 48.20	47.838	+ 6.24	− 37.8	19 34 35.46	− 2.12	+ 5 11 17.7	−17.3
9	δ Sagittæ	9	43 10.50	− 0.33	+ **3.76**	339 19 49.85	44.925	+ 6.21	− 21.3	19 43 13.96	....	+18 18 29.2	....
10	ψ Cygni	9	53 10.88	− 0.35	+ 3.79	13 11 53.18	46.642	+ 6.17	+ 13.4	19 53 14.32	....	+52 11 46.3	....
11	4 B. Ursæ Minoris s. p.	8	3 45.22	+ 6.72	+ 3.79	52 3 53.38	48.276	+ 6.13	+1 12.9	8 3 55.73	....	+88 54 35.6	....
12	181 B. Camelopardalis s. p.	9	29 10.55	+ 0.37	+ 3.79	67 1 52.98	44.060	+ 6.03	+2 13.7	8 29 14.71	+ 1.68	+73 57 12.4	+17.4
13	μ Aquarii	9	47 34.16	− 0.38	+ **3.77**	311 41 47.78	45.868	+ 5.95	−1 3.6	20 47 37.57	....	− 9 19 53.8	....
14	θ Capricorni	9	0 39.03	− 0.42	+ **3.81**	303 25 48.42	46.120	+ 5.90	−1 25.7	21 0 42.40	....	−17 36 9.5	....
15	ι Capricorni	9	17 0.07	− 0.41	+ **3.78**	303 47 46.05	46.928	+ 5.84	−1 24.5	21 17 3.45	....	−17 13 52.2	....
16	b Capricorni	9	23 21.19	− 0.44	+ 3.79	298 49 49.35	45.255	+ 5.81	−1 42.7	21 23 24.54	− 2.61	−22 12 45.4	−14.7
17	13 H. Cephei	8	36 2.57	− 0.35	+ 3.79	18 3 52.12	47.430	+ 5.76	+ 18.7	21 36 6.01	− 3.46	+57 4 8.3	−19.0
18	κ Pegasi	9	40 22.37	− 0.31	+ 3.79	346 13 52.45	46.155	+ 5.74	− 13.9	21 40 25.85	− 2.63	+25 13 6.8	−19.3
19	Bradley 2868	9	49 56.86	− 0.34	+ 3.79	16 47 51.75	43.100	+ 5.71	+ 17.3	21 50 0.31	− 3.48	+55 46 27.5	−18.1
20	ο Aquarii	8	58 26.30	− 0.35	+ 3.79	318 25 49.10	44.315	+ 5.67	− 50.4	21 58 29.74	− 2.54	− 2 36 15.0	−17.6
21	Saturn I, C	5	55 6.17	− 0.36	+ 3.78	311 51 47.18	49.775	+ 5.50	−1 3.4	22 55 9.59	+ 0.57	− 9 10 0.5	....
22	Saturn II	5	55 7.31	− 0.36	+ 3.78	... .	......	....	. ....	22 55 10.73	− 0.57	.. ..	....
	September 5, Hl.												
23	υ Piscium	9	14 17.14	− 0.25	+ **3.64**	347 45 53.32	49.412	+ 5.52	− 12.3	1 14 20.57	....	+26 46 23.5	....
24	θ Ceti	9	19 18.42	− 0.33	+ **3.62**	312 21 48.58	46.005	+ 5.52	−1 2.4	1 19 21.77	....	− 8 39 49.1	....
25	Moon N	.	.. ..	....	....	324 55 51.50	44.527	+ 5.52	− 40.0	1 30	....	+ 3 54 2.4	....
26	B. D.+37°382	9	44 55.31	− 0.25	+ 3.67	358 51 53.22	43.795	+ 5.52	− 1.1	1 44 58.73	− 2.88	+37 50 26.2	− 3.2
27	B. D.+39°434	9	49 13.70	− 0.25	+ 3.67	1 15 53.65	44.065	+ 5.52	+ 1.3	1 49 17.12	− 2.94	+40 14 35.2	− 2.2
28	B. D.+37°455	9	55 17.77	− 0.25	+ 3.67	359 13 52.02	47.505	+ 5.52	− 0.7	1 55 21.19	− 2.85	+38 13 50.2	− 2.3
29	B. D.+39°464	9	0 4.38	− 0.25	+ 3.67	0 19 53.08	44.338	+ 5.52	+ 0.4	2 0 7.80	− 2.87	+39 18 40.0	− 1.7
30	B. D.+38°425	9	5 9.94	− 0.25	+ 3.67	359 35 52.25	47.450	+ 5.52	− 0.3	2 5 13.36	− 2.82	+38 35 49.6	− 1.5
31	B. D.+36°446	9	10 13.83	− 0.25	+ 3.67	357 21 52.35	42.930	+ 5.52	− 2.6	2 10 17.25	− 2.73	+36 20 4.1	− 1.8
32	B. D.+37°536	9	16 0.19	− 0.25	+ 3.67	359 5 54.02	44.588	+ 5.52	− 0.8	2 16 3.61	− 2.76	+38 4 45.5	− 0.9
33	B. D.+36°491	8	21 29.93	− 0.25	+ 3.67	357 33 52.12	44.635	+ 5.52	− 2.4	2 21 33.35	− 2.68	+36 32 43.0	− 0.9
34	B. D.+36°512	9	27 7.89	− 0.26	+ 3.67	357 55 53.35	45.920	+ 5.52	− 2.0	2 27 11.30	− 2.67	+36 55 14.0	− 0.4
35	B. D.+38°527	9	32 58.22	− 0.26	+ 3.67	359 45 52.10	44.310	+ 5.52	− 0.2	2 33 1.63	− 2.69	+38 44 37.8	+ 0.5
36	μ Ceti	9	39 50.27	− 0.28	+ **3.64**	330 43 50.55	47.305	+ 5.52	− 31.9	2 39 53.66	....	+ 9 43 13.1	....
37	B. D.+36°582	9	46 18.01	− 0.26	+ 3.67	357 43 52.38	43.945	+ 5.52	− 2.2	2 46 21.42	− 2.56	+36 42 27.7	+ 0.8
38	B. D.+39°687	.	.. ..	....	....	1 3 52.82	44.342	+ 5.52	+ 1.1	2 54	....	+40 2 40.5	+ 2.4
39	B. D.+36°628	9	59 38.76	− 0.26	+ 3.67	357 27 52.92	42.765	+ 5.52	− 2.5	2 59 42.17	− 2.48	+36 26 1.0	+ 1.6
40	B. D.+37°719	9	5 22.25	− 0.26	+ 3.67	358 43 52.78	44.798	+ 5.52	− 1.2	3 5 25.66	− 2.49	+37 42 48.6	+ 2.4
41	B. D.+38°682	9	10 28.10	− 0.26	+ 3.67	359 17 51.72	46.012	+ 5.52	− 0.6	3 10 31.51	− 2.47	+38 17 15.9	+ 2.9
42	τ^1 Arietis	9	15 46.49	− 0.26	+ **3.74**	341 49 50.40	45.090	+ 5.52	− 18.7	3 15 49.90	....	+20 48 35.5	....
43	B. D.+37°771	9	21 20.14	− 0.26	+ 3.67	358 43 52.68	45.170	+ 5.52	− 1.2	3 21 23.55	− 2.39	+37 42 57.0	+ 3.4
44	B. D.+37°783	9	26 13.12	− 0.26	+ 3.67	358 45 52.82	44.220	+ 5.52	− 1.2	3 26 16.53	− 2.36	+37 44 35.4	+ 3.7
45	B. D.+39°829	9	31 8.76	− 0.27	+ 3.67	0 47 52.08	44.460	+ 5.52	+ 0.9	3 31 12.16	− 2.38	+39 46 42.3	+ 4.7
46	B. D.+37°820	9	37 47.61	− 0.26	+ 3.67	359 5 53.20	43.938	+ 5.52	− 0.9	3 37 51.02	− 2.30	+38 4 29.7	+ 4.5
47	η Tauri	9	41 52.21	− 0.27	+ **3.74**	344 49 50.90	45.810	+ 5.52	− 15.4	3 41 55.61	....	+23 48 55.7	....
48	B. D.+39°887	9	48 37.35	− 0.27	+ 3.67	0 35 52.62	44.915	+ 5.52	+ 0.7	3 48 40.75	− 2.26	+39 34 53.0	+ 5.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 1 45	......	....	58.8
2 22	30.02	60.0	58.0
5 13 42	30.09	73.0	71.8
18 20	30.03	65.5	64.5
19 29	30.035	63.9	62.5
20 15	30.04	63.0	62.0
20 35	30.035	63.0	61.0
20 56	......	....	61.1
21 28	30.04	62.0	61.1
21 45	......	....	60.4
22 8	30.04	61.2	60.3
22 55	30.04	60.5	59.9
1 6	30.03	59.8	58.9
1 24	30.02	60.0	58.9
1 39	30.02	59.7	58.3
2 8	......	....	58.2
2 20	......	....	58.4
2 31	30.02	59.6	....
2 45	......	....	58.0
3 15	......	....	57.9
3 51	......	....	57.9

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at II, VII.
5, 21.	Bisections at I, II, VI, VII.
6.	Bisections at II, VI, VII.
11.	Bisections at b_1, b_3, b_5, b_7.
12.	Bisections at b_1, b_3, b_5, b_7, b_9.
17, 19.	Bisections at III, V.
18.	Bisections at VI, VII.
21.	Z. D. threads C used.
25.	Bisections at II, III, IV, V, VI.

Notes.

2.	Poor.
6.	Micrometer reading decreased 1 rev.
11.	Micrometer reading increased 1 rev.
23-48.	Fog and mist.
27, 38, 48.	Observed head north.
30, 31, 35, 37, 43, 44.	Observed head south.
43.	Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 8.6	− 10.8	...	− 2.2
6	+ 0.4	.. ....	...	+ 0.4
21	+ 0.7	.. ....	...	+ 0.7
25	+31 32.2	−15 5.6	...	+16 26.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Eridani	9	53 36.73	− 0.35	+ **3.69**	307 15 49.12	45.228	+ 5.52	−1 14.9	3 53 40.05	....	−13 46 18.8	....
	September 6, Ei.-Y.												
2	Uranus C, C	9	19 42.84	− 0.48	+ 3.75	297 21 48.62	44.074	+ 0.44	−1 47.0	18 19 46.11	....	−23 41 22.8	....
3	4 H. Scuti	9	37 6.27	− 0.41	+ **3.80**	311 53 48.85	44.782	+ 0.44	−1 2.0	18 37 9.61	....	− 9 8 21.4	....
4	B. D. −21°5138	9	42 19.39	− 0.46	+ 3.75	299 59 48.68	42.525	+ 0.44	−1 36.2	18 42 22.68	− 2.14	−21 3 47.3	− 8.2
5	λ Aquilæ	9	1 14.38	− 0.39	+ **3.71**	315 59 48.62	47.460	+ 0.44	− 53.8	19 1 17.74	....	− 5 1 12.3	....
6	B. D. −17°5535	9	9 23.12	− 0.44	+ 3.75	303 31 48.60	45.812	+ 0.44	−1 23.9	19 9 26.43	− 2.20	−17 30 20.0	−10.5
7	*d* Sagittarii	9	12 7.11	− 0.45	+ **3.72**	301 53 49.02	49.360	+ 0.44	−1 29.3	19 12 10.41	....	−19 7 3.9	....
8	B. D. −17°5633	9	21 20.71	− 0.43	+ 3.75	304 3 47.98	46.488	+ 0.44	−1 22.3	19 21 24.03	− 2.24	−16 58 3.6	−11.1
9	B. D. −22°5156	9	29 8.41	− 0.46	+ 3.75	298 49 48.32	47.135	+ 0.44	−1 40.9	19 29 11.70	− 2.34	−22 12 7.0	−10.0
10	κ Aquilæ	9	31 48.95	− 0.39	+ **3.76**	313 47 49.28	45.610	+ 0.44	− 58.1	19 31 52.31	....	− 7 13 58.2	....
11	B. D. −17°5699 (*fol.*)	9	33 47.76	− 0.43	+ 3.75	303 55 48.50	43.638	+ 0.44	−1 22.8	19 33 51.08	− 2.29	−17 7 8.7	−11.6
12	B. D. −18°5460	8	37 23.23	− 0.44	+ 3.75	302 37 48.50	44.092	+ 0.44	−1 26.9	19 37 26.54	− 2.32	−18 25 2.4	−11.4
13	C. P. D. −24°6809	9	41 27.68	− 0.47	+ 3.75	297 5 48.72	43.290	+ 0.44	−1 48.6	19 41 30.96	− 2.41	−23 57 42.2	−10.0
14	B. D. −15°5479	9	45 6.21	− 0.42	+ 3.75	305 23 47.78	42.870	+ 0.44	−1 18.4	19 45 9.54	− 2.32	−15 39 22.5	−12.4
15	B. D. −14°5578	9	47 47.17	− 0.42	+ 3.75	306 11 47.22	45.200	+ 0.44	−1 16.1	19 47 50.50	− 2.32	−14 50 27.6	−12.8
16	C. P. D. −27°6892	9	51 10.09	− 0.49	+ 3.75	293 37 49.05	45.888	+ 0.44	−2 6.8	19 51 13.35	− 2.49	−27 25 0.7	− 9.6
17	C. P. D. −24°6879	9	55 9.96	− 0.47	+ 3.75	296 35 48.30	46.738	+ 0.44	−1 50.9	19 55 13.24	− 2.46	−24 26 26.1	−10.6
18	269 G. Sagittarii	9	58 9.34	− 0.46	+ 3.75	298 11 47.70	43.915	+ 0.44	−1 43.7	19 58 12.63	− 2.44	−22 51 24.0	−11.1
19	C. P. D. −24°6906	9	2 2.67	− 0.46	+ 3.75	296 53 48.65	45.140	+ 0.44	−1 49.6	20 2 5.96	− 2.48	−24 9 1.0	−11.0
20	C. P. D. −24°6922	9	5 50.73	− 0.47	+ 3.75	296 31 47.35	47.640	+ 0.44	−1 51.2	20 5 54.01	− 2.49	−24 30 6.8	−11.0
21	B. D. −18°5626	9	9 3.28	− 0.43	+ 3.75	302 39 47.95	45.435	+ 0.44	−1 26.9	20 9 6.60	− 2.42	−18 22 32.3	−12.7
22	B. D. −20°5870	9	10 47.32	− 0.44	+ 3.75	300 43 48.20	46.042	+ 0.44	−1 33.6	20 10 50.63	− 2.45	−20 18 24.8	−12.3
23	α² Capricorni	9	12 49.51	− 0.41	+ **3.72**	308 11 50.00	46.185	+ 0.44	−1 10.9	20 12 52.85	....	−12 49 57.1	....
24	β Capricorni	9	15 42.98	− 0.42	+ **3.77**	305 57 48.02	45.082	+ 0.44	−1 16.8	20 15 46.31	....	−15 4 30.2	....
25	B. D. −19°5809	9	19 38.11	− 0.44	+ 3.75	301 17 47.58	46.795	+ 0.44	−1 31.5	20 19 41.42	− 2.46	−19 44 6.2	−12.8
26	C. P. D. −24°6997	9	23 9.24	− 0.46	+ 3.75	296 45 48.08	44.135	+ 0.44	−1 50.2	20 23 12.53	− 2.53	−24 17 25.1	−11.8
27	B. D. −13°5680	9	24 17.36	− 0.40	+ 3.75	308 7 48.52	46.100	+ 0.44	−1 11.0	20 24 20.71	− 2.41	−12 54 0.6	−14.5
28	C. P. D. −23°7796	9	28 34.90	− 0.46	+ 3.75	297 27 47.72	47.615	+ 0.44	−1 46.9	20 28 38.19	− 2.53	−23 34 2.7	−12.2
29	B. D. −15°5732	9	32 4.17	− 0.42	+ 3.75	305 33 47.88	46.025	+ 0.44	−1 17.9	20 32 7.50	− 2.45	−15 28 9.9	−14.2
30	B. D. −15°5743	9	34 0.18	− 0.41	+ 3.75	305 45 47.32	44.228	+ 0.44	−1 17.4	20 34 3.52	− 2.45	−15 16 51.0	−14.3
31	B. D. −12°5808	9	38 24.84	− 0.40	+ 3.75	309 3 48.80	44.698	+ 0.44	−1 8.7	20 38 28.19	− 2.44	−11 58 30.1	−15.1
32	C. P. D. −24°7074	9	40 44.97	− 0.46	+ 3.75	296 59 47.58	43.155	+ 0.44	−1 49.1	20 40 48.26	− 2.57	−24 3 46.9	−12.6
33	B. D. −18°5783	8	43 59.88	− 0.43	+ 3.75	302 39 48.08	44.902	+ 0.44	−1 26.8	20 44 3.20	− 2.51	−18 22 44.2	−14.0
34	B. D. −20°6055	9	46 52.88	− 0.44	+ 3.75	301 3 48.82	42.970	+ 0.44	−1 32.4	20 46 56.19	− 2.53	−19 59 33.2	−13.7
35	B. D. −12°5854	9	47 56.31	− 0.40	+ 3.75	309 5 48.65	47.358	+ 0.44	−1 8.6	20 47 59.66	− 2.46	−11 55 29.3	−15.4
36	B. D. −13°5791	9	50 28.59	− 0.40	+ 3.75	307 47 48.55	47.942	+ 0.44	−1 11.8	20 50 31.94	− 2.47	−13 13 19.3	−15.2
37	B. D. −20°6090	9	54 0.58	− 0.44	+ 3.75	300 13 48.30	46.445	+ 0.44	−1 35.4	20 54 3.89	− 2.55	−20 48 17.3	−13.8
38	B. D. −21°5901	9	56 42.80	− 0.44	+ 3.75	299 19 48.42	47.800	+ 0.44	−1 38.8	20 56 46.11	− 2.57	−21 41 49.6	−13.8
39	B. D. −20°6127	9	1 19.71	− 0.44	+ 3.75	300 29 48.90	44.110	+ 0.44	−1 34.5	21 1 23.02	− 2.56	−20 33 9.2	−14.2
40	B. D. −20°6140	9	3 53.44	− 0.44	+ 3.74	300 27 48.42	46.660	+ 0.44	−1 34.5	21 3 56.74	− 2.56	−20 34 11.4	−14.2
41	B. D. −10°5619	9	5 38.81	− 0.39	+ 3.74	310 25 48.18	47.803	+ 0.44	−1 5.4	21 5 42.16	− 2.49	−10 35 16.4	−16.0
42	B. D. −17°6216	9	9 50.37	− 0.42	+ 3.74	303 17 47.65	47.260	+ 0.44	−1 24.7	21 9 53.69	− 2.55	−17 43 48.7	−14.9
43	B. D. −19°6065	9	12 53.66	− 0.43	+ 3.74	301 57 47.92	45.295	+ 0.44	−1 29.2	21 12 56.97	− 2.56	−19 4 37.8	−14.8
44	ι Capricorni	9	17 0.11	− 0.42	+ **3.75**	303 47 47.62	47.065	+ 0.44	−1 23.2	21 17 3.43	....	−17 13 51.7	....
45	α Aquarii	9	0 56.62	− 0.37	+ **3.71**	320 13 49.25	49.488	+ 0.36	− 46.4	22 0 59.99	....	− 0 46 18.0	....
46	B. D. −20°6362	9	2 13.99	− 0.45	+ 3.74	300 59 48.28	48.635	+ 0.36	−1 32.6	22 2 17.28	− 2.61	−20 1 24.6	−16.1
47	B. D. − 8°5817	9	4 27.97	− 0.40	+ 3.74	312 21 48.28	49.420	+ 0.36	−1 1.2	22 4 31.31	− 2.55	− 8 38 35.3	−17.2
48	B. D. − 4°5625	8	5 38.93	− 0.38	+ 3.74	316 17 48.15	46.775	+ 0.36	− 53.4	22 5 42.29	− 2.54	− 4 43 28.1	−17.5
49	B. D. −13°6130	9	7 57.61	− 0.41	+ 3.74	307 31 48.42	48.595	+ 0.36	−1 12.6	22 8 0.94	− 2.57	−13 29 5.4	−16.8
50	B. D. −13°6148	9	11 45.36	− 0.41	+ 3.74	307 43 48.72	46.895	+ 0.36	−1 12.1	22 11 48.69	− 2.57	−13 17 43.4	−16.9
51	B. D. −14°6255	9	13 57.37	− 0.42	+ 3.74	307 15 48.92	45.532	+ 0.36	−1 13.3	22 14 0.69	− 2.57	−13 46 15.6	−16.9
52	B. D. −11°5817	9	17 11.68	− 0.41	+ 3.74	309 41 48.15	48.575	+ 0.36	−1 7.2	22 17 15.01	− 2.56	−11 19 0.7	−17.1
53	B. D. −18°6114	9	19 27.31	− 0.44	+ 3.74	302 57 47.48	47.148	+ 0.36	−1 25.9	22 19 30.61	− 2.59	−18 3 52.6	−16.7
54	B. D. − 9°5978	9	21 49.48	− 0.40	+ 3.74	312 1 48.15	48.210	+ 0.36	−1 1.9	22 21 52.82	− 2.56	− 8 59 3.8	−17.3
55	B. D. − 5°5806	9	25 33.21	− 0.39	+ 3.74	315 43 49.15	46.192	+ 0.36	− 54.4	22 25 36.56	− 2.56	− 5 17 41.4	−17.5
56	B. D. − 2°5781	9	29 11.44	− 0.38	+ 3.74	318 57 49.55	47.220	+ 0.36	− 48.6	22 29 14.80	− 2.56	− 2 3 11.7	−17.7
57	η Aquarii	9	30 30.79	− 0.37	+ **3.75**	320 25 49.10	45.500	+ 0.36	− 46.2	22 30 34.16	....	− 0 35 49.1	....
58	B. D. −14°6317	9	32 52.75	− 0.42	+ 3.74	307 9 48.32	48.305	+ 0.36	−1 13.6	22 32 56.07	− 2.57	−13 51 13.1	−17.2
59	B. D. −12°6327	9	36 26.23	− 0.41	+ 3.74	308 17 49.10	48.855	+ 0.36	−1 10.6	22 36 29.56	− 2.57	−12 42 56.7	−17.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 4 1	30.01	59.1	57.9
6 18 17	29.905	70.0	68.8
18 38	29.91	69.1	68.2
19 0	......	....	67.8
19 22	29.915	68.2	67.4
19 53	......	....	67.1
20 17	29.905	67.4	66.9
20 52	......	....	67.2
21 18	29.895	66.7	67.0
21 58	29.89	66.0	66.3
22 23	......	....	66.1

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at I, II, VI, VII.
11, 14, 22, 33, 35, 53.	Bisections at II, VII.
34, 45, 47, 56.	Bisections at I, II.
41.	Bisections at II, VI, VII.

Notes.

1.	Fog and mist.
4.	Clouds.
9, 12.	Difficult.
10–59.	Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
2	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −16°6142 (*mean*).	9	38 29.67	− 0.43	+ 3.74	304 23 47.85	47.968	+ 0.36	−1 21.4	22 38 32.98	− 2.58	−16 37 29.0	−17.1
2	B. D. − 2°5826	9	42 38.58	− 0.38	+ 3.74	318 43 48.92	48.435	+ 0.36	− 49.0	22 42 41.94	− 2.56	− 2 16 45.0	−17.6
3	τ Aquarii	9	44 36.22	− 0.42	+ 3.74	306 57 48.02	43.538	+ 0.36	−1 14.2	22 44 39.54	− 2.57	−14 5 2.9	−17.3
4	B. D. −12°6371	9	48 31.05	− 0.41	+ 3.74	308 55 48.95	44.212	+ 0.36	−1 9.1	22 48 34.38	− 2.56	−12 6 41.5	−17.4
5	B. D. −14°6370	9	51 11.37	− 0.42	+ 3.74	306 57 48.22	48.640	+ 0.36	−1 14.1	22 51 14.69	− 2.56	−14 3 6.0	−17.3
6	B. D. − 3°5539	9	53 24.23	− 0.38	+ 3.74	318 7 49.80	46.260	+ 0.36	− 50.1	22 53 27.59	− 2.56	− 2 53 34.9	−17.5
7	B. D. −15°6325	9	56 26.38	− 0.42	+ 3.74	306 15 47.72	45.760	+ 0.36	−1 16.1	22 56 29.70	− 2.56	−14 46 14.4	−17.4
8	B. D. − 5°5917	9	59 2.77	− 0.39	+ 3.74	315 43 48.35	45.812	+ 0.36	− 54.5	22 59 6.12	− 2.55	− 5 17 51.0	−17.5
9	B. D. −11°5997	9	0 58.09	− 0.40	+ 3.74	310 5 49.48	44.832	+ 0.36	−1 6.4	23 1 1.43	− 2.55	−10 56 24.1	−17.4
10	*A* Piscium	9	3 51.27	− 0.37	+ 3.74	322 37 49.00	48.190	+ 0.36	− 42.7	23 3 54.64	− 2.57	+ 1 37 15.8	−17.3
11	B. D. −11°6020	9	6 34.02	− 0.40	+ 3.74	310 1 48.85	43.742	+ 0.36	−1 6.5	23 6 37.36	− 2.54	−11 0 49.7	−17.5
12	B. D. −11°6032	9	9 45.49	− 0.40	+ 3.74	309 49 48.62	46.792	+ 0.36	−1 7.0	23 9 48.83	− 2.54	−11 11 40.8	−17.5
13	B. D. − 2°5914	9	11 7.66	− 0.38	+ 3.74	319 5 49.40	45.425	+ 0.36	− 48.4	23 11 11.02	− 2.55	− 1 55 52.7	−17.3
14	ψ³ Aquarii	9	14 3.54	− 0.40	+ 3.74	310 53 48.30	48.045	+ 0.36	−1 4.5	23 14 6.88	− 2.54	−10 7 10.0	−17.5
15	B. D. − 7°5993	9	16 22.16	− 0.39	+ 3.74	313 29 49.10	45.658	+ 0.36	− 58.9	23 16 25.51	− 2.54	− 7 31 58.1	−17.4
16	B. D. −10°6105	9	18 24.03	− 0.40	+ 3.74	311 7 49.25	46.470	+ 0.36	−1 4.0	23 18 27.37	− 2.53	− 9 53 44.5	−17.4
17	B. D. −10°6114	9	21 42.94	− 0.40	+ 3.74	310 27 48.55	49.120	+ 0.36	−1 5.5	23 21 46.28	− 2.53	−10 32 46.2	−17.4
18	B. D. − 8°6118	9	24 4.44	− 0.40	+ 3.74	313 5 50.08	48.555	+ 0.36	− 59.8	23 24 7.78	− 2.53	− 7 54 51.9	−17.4
19	B. D. + 1°4731	9	26 17.06	− 0.37	+ 3.74	322 51 48.82	47.700	+ 0.36	− 42.4	23 26 20.43	− 2.56	+ 1 51 4.7	−16.9
20	B. D. + 2°4680	9	28 5.68	− 0.36	+ 3.74	323 53 49.05	44.945	+ 0.36	− 40.8	23 28 9.06	− 2.56	+ 2 52 3.6	−16.8
21	248 G. Aquarii	9	30 40.38	− 0.40	+ 3.74	313 1 49.90	48.822	+ 0.36	−1 0.0	23 30 43.72	− 2.52	− 7 58 46.1	−17.3
22	B. D. + 6°5197	9	40 0.31	− 0.36	+ 3.74	327 41 48.38	45.890	+ 0.36	− 35.4	23 40 3.69	− 2.58	+ 6 40 29.9	−16.2
23	B. D. − 7°6086	9	43 41.84	− 0.39	+ 3.74	314 7 48.22	45.960	+ 0.36	− 57.8	23 43 45.19	− 2.50	− 6 53 51.0	−17.2
24	25 Piscium	9	48 15.08	− 0.37	+ 3.74	322 35 49.38	45.848	+ 0.36	− 42.9	23 48 18.45	− 2.54	+ 1 34 22.5	−16.4
25	B. D. + 6°5216	9	50 18.43	− 0.36	+ 3.74	327 33 48.92	47.655	+ 0.36	− 35.6	23 50 21.81	− 2.57	+ 6 33 10.6	−15.9
26	B. D. − 6°6335	9	54 50.52	− 0.39	+ 3.74	314 35 48.38	49.160	+ 0.36	− 56.8	23 54 53.87	− 2.48	− 6 24 36.7	−17.0
27	30 Piscium	9	57 7.51	− 0.39	+ 3.74	314 29 47.95	45.820	+ 0.36	− 57.0	23 57 10.86	.....	− 6 31 53.7	....
28	B. D. − 1°4525	9	0 13.81	− 0.38	+ 3.74	319 59 49.62	47.118	+ 0.36	− 47.0	0 0 17.17	− 2.50	− 1 1 12.4	−16.4
29	B. D. − 3°2	8	2 54.32	− 0.38	+ 3.74	317 57 50.02	45.098	+ 0.36	− 50.5	0 2 57.68	− 2.48	− 3 4 1.6	−16.6
30	B. D. + 1°12	9	5 50.91	− 0.37	+ 3.74	322 33 48.80	45.440	+ 0.36	− 42.9	0 5 54.28	− 2.51	+ 1 32 12.6	−16.0
31	B. D. − 1°14	9	10 0.17	− 0.37	+ 3.74	320 11 48.25	47.085	+ 0.36	− 46.6	0 10 3.54	− 2.48	− 0 49 14.1	−16.2
32	B. D. + 0°28	8	12 57.13	− 0.37	+ 3.74	322 11 48.98	45.585	+ 0.36	− 43.4	0 13 0.50	− 2.49	+ 1 10 15.6	−15.9
33	*d* Piscium	9	15 44.73	− 0.36	+ 3.74	328 41 49.30	45.440	+ 0.36	− 34.1	0 15 48.11	− 2.54	+ 7 40 21.8	−14.9
34	44 Piscium	9	20 34.13	− 0.37	+ **3.76**	322 25 49.10	48.660	+ 0.36	− 43.0	0 20 37.50	.....	+ 1 25 26.3	....
35	12 Ceti	9	25 13.57	− 0.38	+ **3.75**	316 33 48.58	44.515	+ 0.36	− 53.0	0 25 16.93	.....	− 4 28 18.9	....
	September 6, Br.												
36	Mercury C, C.	9	8 45.73	− 0.26	+ 3.56	333 57 49.18	42.460	+ 0.84	− 26.7	10 8 49.03	− 0.04	+12 55 21.5	....
	September 7, Br.												
37	Sun I, N.	9	0 27.41	− 0.27	+ 3.56	327 31 48.52	45.388	+ 0.42	− 34.6	11 0 30.70	+64.18	+ 6 30 19.1	....
38	Sun II, S.	9	2 35.77	− 0.27	+ 3.56	326 59 50.92	45.785	+ 0.42	− 35.4	11 2 39.06	−64.18	+ 5 58 30.4	....
39	Venus I, C.	9	49 25.52	− 0.41	+ 3.55	307 37 47.52	49.455	+ 1.34	−1 9.8	13 49 28.66	+ 0.75	−13 24 18.1	....
	September 7, Ei.-Y.												
40	δ Aquilæ	9	20 44.39	− 0.35	+ **3.59**	323 55 50.15	49.672	+ 1.48	− 39.8	19 20 47.67	.....	+ 2 55 54.8	....
41	μ Aquilæ	9	29 28.63	− 0.34	+ **3.67**	328 11 48.05	47.218	+ 1.48	− 33.9	19 29 38.92	.....	+ 7 11 2.5	....
42	*h* Sagittarii	9	30 58.47	− 0.43	+ 3.63	295 57 46.95	44.405	+ 1.48	−1 51.8	19 31 1.67	.....	−25 5 20.6	....
43	B. D. −22°5183	9	34 19.20	− 0.42	+ 3.63	298 45 46.90	46.145	+ 1.48	−1 39.3	19 34 22.41	− 2.35	−22 16 28.4	−10.2
44	*e* Sagittarii	9	37 7.64	− 0.39	+ 3.63	304 41 47.15	45.245	+ 1.48	−1 18.9	19 37 10.88	− 2.28	−16 20 28.4	−12.0
45	C. P. D. −26°6840	9	41 14.07	− 0.43	+ 3.63	294 19 46.98	45.670	+ 1.48	−2 0.4	19 41 17.27	− 2.44	−26 43 0.3	− 9.2
46	B. D. −21°5542	9	44 46.35	− 0.42	+ 3.63	299 9 47.42	45.788	+ 1.48	−1 37.8	19 44 49.56	− 2.38	−21 52 34.6	−10.7
47	B. D. −21°5556	9	47 19.62	− 0.41	+ 3.63	299 43 47.48	46.390	+ 1.48	−1 35.6	19 47 22.84	− 2.38	−21 18 18.6	−11.0
48	C. P. D. −23°7614	9	51 3.08	− 0.42	+ 3.63	297 43 47.28	45.765	+ 1.48	−1 43.8	19 51 6.29	− 2.42	−23 18 41.2	−10.6
49	B. D. −20°5784	9	55 1.46	− 0.41	+ 3.63	300 55 47.45	45.238	+ 1.48	−1 31.2	19 55 4.68	− 2.39	−20 6 40.5	−11.6
50	B. D. −18°5578	9	57 28.06	− 0.40	+ 3.63	302 13 47.22	46.325	+ 1.48	−1 26.7	19 57 31.29	− 2.38	−18 48 11.4	−12.1
51	τ Aquilæ	9	59 31.83	− 0.34	+ **3.62**	328 1 47.62	47.275	+ 1.48	− 34.2	19 59 35.12	.....	+ 7 1 3.1	....
52	B. D. −17°5860	9	1 40.22	− 0.40	+ 3.63	303 33 47.58	47.448	+ 1.48	−1 22.4	20 1 43.45	− 2.38	−17 27 41.1	−12.6
53	B. D. −19°5731	9	4 57.90	− 0.41	+ 3.63	301 23 46.18	43.750	+ 1.48	−1 29.6	20 5 1.12	− 2.41	−19 39 14.2	−12.2
54	B. D. −22°5372	9	8 45.64	− 0.42	+ 3.63	298 43 47.65	44.285	+ 1.48	−1 39.6	20 8 48.85	− 2.46	−22 19 10.5	−11.7
55	C. P. D. −23°7684	9	10 35.92	− 0.42	+ 3.63	297 15 47.80	43.242	+ 1.48	−1 46.0	20 10 39.13	− 2.48	−23 47 40.6	−11.4
56	4 Capricorni	9	12 29.39	− 0.42	+ 3.63	298 57 47.10	42.505	+ 1.48	−1 38.8	20 12 32.60	− 2.46	−22 5 50.9	−11.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 22 46	29.875	65.7	65.8
23 13	......	....	65.5
23 37	29.865	64.9	63.9
0 4	......	....	64.5
0 26	29.86	64.8	64.4
10 9	29.87	77.3	76.3
7 11 3	29.86	78.9	78.7
13 49	29.80	82.9	83.0
19 18	29.75	74.8	74.8
19 53	......	....	73.4

Micrometer bisections are made at II, VI, except as noted below.

1, 5, 15, 22, 43, 49. Bisections at II, VII.
11, 38, 42, 53. Bisections at VI, VII.
36, 39. Bisections at I, II, VI, VII.
37, 41. Bisections at I, II.
39. Z. D. threads C used.

Notes.

1. Micrometer reading increased 1 rev.
1–35. Thin clouds.
45–56. Images poor and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
36	+ 3.3	.. ....	+0.3	+ 3.6
37	+ 4.7	−15 54.4	...	−15 49.7
38	+ 4.7	+15 54.3	...	+15 59.0
39	+ 8.9	.. ....	−0.4	+ 8.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −15°5626	9	15 28.89	− 0.39	+ 3.63	305 57 46.85	44.552	+ 1.48	−1 15.5	20 15 32.13	− 2.39	−15 4 41.1	−13.7
2	C. P. D. −26°6996	9	18 57.43	− 0.43	+ 3.63	294 55 47.80	42.822	+ 1.48	−1 57.4	20 19 0.63	− 2.54	−26 8 1.5	−11.2
3	B. D. −14°5753	9	22 47.73	− 0.41	+ 3.63	306 43 46.75	45.650	+ 1.48	−1 13.4	20 22 50.95	− 2.41	−14 18 14.0	−14.1
4	B. D. −22°5442	9	23 59.74	− 0.42	+ 3.63	298 19 46.92	47.425	+ 1.48	−1 41.2	20 24 2.95	− 2.50	−22 42 1.1	−12.2
5	B. D. −21°5752	9	27 58.14	− 0.41	+ 3.63	299 49 46.80	45.110	+ 1.48	−1 35.3	20 28 1.36	− 2.49	−21 12 48.2	−12.7
6	B. D. −12°5778	9	31 4.63	− 0.38	+ 3.63	308 19 48.08	45.615	+ 1.48	−1 9.2	20 31 7.88	− 2.42	−12 42 9.3	−14.7
7	B. D. −21°5782	9	32 57.63	− 0.41	+ 3.63	299 43 47.25	44.342	+ 1.48	−1 35.6	20 33 0.85	− 2.51	−21 19 5.6	−12.9
8	α Delphini	9	35 15.43	− 0.34	+ **3.60**	336 35 49.20	47.035	+ 1.48	− 23.7	20 35 18.72	....	+15 35 9.7	....
9	B. D. −13°5736	9	37 25.77	− 0.38	+ 3.63	307 35 48.18	47.725	+ 1.48	−1 11.0	20 37 29.02	− 2.44	−13 25 22.8	−14.8
10	B. D. −22°5523	9	40 42.38	− 0.42	+ 3.63	299 11 46.48	44.360	+ 1.48	−1 37.7	20 40 45.59	− 2.53	−21 51 8.0	−13.1
11	B. D. −21°5840	9	43 48.44	− 0.41	+ 3.63	300 3 47.05	46.675	+ 1.48	−1 34.3	20 43 51.66	− 2.53	−20 58 11.2	−13.4
12	B. D. −10°5526	9	46 40.33	− 0.38	+ 3.63	310 21 47.60	46.082	+ 1.48	−1 4.4	20 46 43.58	− 2.44	−10 39 54.3	−15.6
13	B. D. −17°6112	9	47 37.86	− 0.40	+ 3.63	303 41 46.25	43.185	+ 1.48	−1 22.0	20 47 41.09	− 2.50	−17 21 19.4	−14.3
14	B. D. −15°5833	9	49 41.04	− 0.39	+ 3.63	305 23 46.05	46.010	+ 1.48	−1 17.0	20 49 44.28	− 2.48	−15 38 10.1	−14.7
15	B. D. −16°5741	9	52 24.27	− 0.39	+ 3.63	304 39 45.92	42.950	+ 1.48	−1 19.1	20 52 27.51	− 2.50	−16 23 22.2	−14.6
16	B. D. −15°5848	9	53 28.91	− 0.39	+ 3.63	306 11 45.78	44.940	+ 1.48	−1 14.8	20 53 32.15	− 2.49	−14 50 32.6	−15.0
17	B. D. −14°5908	9	55 56.82	− 0.38	+ 3.63	307 9 47.28	41.930	+ 1.48	−1 12.3	20 56 0.07	− 2.48	−13 53 37.4	−15.2
18	B. D. −11°5524	9	0 45.08	− 0.38	+ 3.63	310 3 48.05	43.350	+ 1.48	−1 5.2	21 0 48.33	− 2.47	−10 58 57.1	−15.9
19	B. D. −21°5933	9	3 10.05	− 0.41	+ 3.63	299 29 46.35	41.875	+ 1.48	−1 36.7	21 3 13.27	− 2.57	−21 34 4.0	−14.0
20	B. D. −18°5875	9	5 14.08	− 0.40	+ 3.63	302 19 46.92	45.418	+ 1.48	−1 26.4	21 5 17.31	− 2.54	−18 42 32.1	−14.6
21	B. D. −11°5553	9	9 10.87	− 0.38	+ 3.63	310 3 48.12	42.280	+ 1.48	−1 5.2	21 9 14.12	− 2.49	−10 59 21.5	−16.0
22	B. D. −18°5903	9	12 40.37	− 0.40	+ 3.63	302 39 46.82	45.485	+ 1.48	−1 25.3	21 12 43.60	− 2.55	−18 22 29.6	−14.9
23	B. D. −11°5578	9	15 42.64	− 0.38	+ 3.63	309 17 47.42	44.355	+ 1.48	−1 7.0	21 15 45.89	− 2.51	−11 44 36.6	−16.1
24	B. D. −21°6007	9	18 49.26	− 0.41	+ 3.63	299 47 47.05	44.945	+ 1.48	−1 35.5	21 18 52.48	− 2.59	−21 14 51.9	−14.6
25	ζ Capricorni	9	21 17.56	− 0.42	+ 3.63	298 13 47.12	45.165	+ 1.48	−1 41.8	21 21 20.77	....	−22 48 53.1	....
26	B. D. −12°6005	9	23 7.84	− 0.38	+ 3.63	309 3 47.48	45.182	+ 1.48	−1 7.5	21 23 11.09	− 2.52	−11 58 18.1	−16.2
27	B. D. −17°6302	9	26 1.15	− 0.40	+ 3.63	303 21 46.40	46.425	+ 1.48	−1 23.1	21 26 4.38	− 2.56	−17 40 6.4	−15.4
28	B. D. − 9°5770	9	29 41.16	− 0.37	+ 3.63	311 31 47.65	45.702	+ 1.48	−1 1.9	21 29 44.42	− 2.52	− 9 30 0.5	−16.7
29	B. D. −15°6027	9	33 4.16	− 0.39	+ 3.63	305 41 46.25	46.995	+ 1.48	−1 16.2	21 33 7.40	− 2.55	−15 19 46.6	−15.9
30	γ Capricorni	9	34 52.40	− 0.39	+ **3.67**	303 55 47.40	49.285	+ 1.48	−1 21.3	21 34 55.64	....	−17 4 58.2	....
31	B. D. −12°6065	9	36 54.78	− 0.38	+ 3.63	308 21 47.28	45.025	+ 1.48	−1 9.3	21 36 58.03	− 2.54	−12 40 23.7	−16.4
32	B. D. −15°6052	9	38 52.41	− 0.39	+ 3.63	305 51 45.82	44.938	+ 1.48	−1 15.8	21 38 55.65	− 2.56	−15 10 33.6	−16.1
33	B. D. −12°6088	9	41 37.42	− 0.38	+ 3.63	308 53 47.60	47.468	+ 1.48	−1 7.9	21 41 40.67	− 2.54	−12 7 26.2	−16.5
34	B. D. −17°6389	9	45 2.19	− 0.40	+ 3.63	303 45 46.68	44.708	+ 1.48	−1 22.0	21 45 5.42	− 2.58	−17 16 44.2	−15.9
35	μ Capricorni	9	48 9.71	− 0.38	+ **3.60**	307 1 45.95	47.840	+ 1.48	−1 12.6	21 48 12.96	....	−13 59 24.0	....
36	μ Pegasi	9	45 27.44	− 0.34	+ **3.63**	345 7 49.05	45.205	+ 1.28	− 14.6	22 45 30.72	....	+24 6 36.6	....
37	B. D. − 6°6087	8	48 34.27	− 0.36	+ 3.62	314 33 47.32	43.095	+ 1.27	− 55.9	22 48 37.53	− 2.56	− 6 28 54.6	−17.5
38	B. D. −15°6305	9	51 30.94	− 0.39	+ 3.62	305 33 46.30	43.290	+ 1.26	−1 16.9	22 51 34.17	− 2.57	−15 29 12.1	−17.3
39	B. D. − 8°5991	9	54 4.90	− 0.37	+ 3.62	312 19 46.72	43.832	+ 1.24	−1 0.4	22 54 8.15	− 2.56	− 8 42 42.9	−17.5
40	B. D. − 7°5910	9	56 29.85	− 0.36	+ 3.62	313 27 47.68	46.472	+ 1.23	− 58.0	22 56 33.11	− 2.56	− 7 33 39.2	−17.5
41	B. D. − 2°5876	9	59 27.33	− 0.36	+ 3.62	318 37 47.70	44.815	+ 1.22	− 48.5	22 59 30.59	− 2.56	− 2 24 7.5	−17.5
42	B. D. −13°6344	9	2 2.46	− 0.38	+ 3.62	307 47 47.30	46.555	+ 1.21	−1 10.9	23 2 5.70	− 2.56	−13 13 50.6	−17.4
43	B. D. − 3°5576	9	4 13.02	− 0.36	+ 3.62	318 3 48.40	46.688	+ 1.20	− 49.4	23 4 16.28	− 2.56	− 2 57 25.0	−17.4
44	B. D. − 1°4401	9	6 51.21	− 0.35	+ 3.62	319 23 47.88	44.015	+ 1.19	− 47.2	23 6 54.48	− 2.56	− 1 38 24.4	−17.4
45	B. D. −12°6453	9	10 26.01	− 0.38	+ 3.62	308 57 47.05	45.122	+ 1.17	−1 8.0	23 10 29.25	− 2.55	−12 4 20.7	−17.5
46	B. D. − 8°6076	9	11 57.96	− 0.37	+ 3.62	312 47 48.05	45.470	+ 1.16	− 59.5	23 12 1.21	− 2.55	− 8 14 3.3	−17.4
47	B. D. −12°6468	9	14 7.26	− 0.38	+ 3.62	308 21 47.75	44.045	+ 1.16	−1 9.6	23 14 10.50	− 2.54	−12 40 46.2	−17.5
48	B. D. + 1°4714	9	16 22.48	− 0.35	+ 3.62	322 43 47.78	42.980	+ 1.15	− 42.0	23 16 25.75	− 2.57	+ 1 41 17.0	−17.2
49	B. D. − 4°5879	9	18 32.11	− 0.36	+ 3.62	317 19 48.00	41.215	+ 1.14	− 50.8	23 18 35.37	− 2.55	− 3 43 31.9	−17.3
50	B. D. − 6°6213	9	21 47.36	− 0.36	+ 3.62	315 17 46.95	43.605	+ 1.12	− 54.5	23 21 50.62	− 2.54	− 5 44 42.0	−17.3
51	B. D. −10°6120	9	24 8.26	− 0.37	+ 3.62	311 15 47.60	43.928	+ 1.11	−1 2.8	23 24 11.51	− 2.53	− 9 46 42.3	−17.4
52	B. D. − 4°5896	9	26 39.43	− 0.36	+ 3.62	316 25 47.50	45.920	+ 1.10	− 52.4	23 26 42.69	− 2.54	− 4 35 46.5	−17.3
53	B. D. − 5°6011	9	28 37.44	− 0.36	+ 3.62	316 7 46.28	42.975	+ 1.09	− 53.0	23 28 40.70	− 2.54	− 4 54 55.7	−17.2
54	B. D. − 6°6239	9	30 55.77	− 0.36	+ 3.62	314 45 47.22	45.955	+ 1.08	− 55.5	23 30 59.03	− 2.53	− 6 15 49.1	−17.3
55	B. D. − 6°6256	9	34 59.78	− 0.36	+ 3.62	314 57 46.88	46.158	+ 1.06	− 55.2	23 35 3.04	− 2.53	− 6 3 44.5	−17.2
56	B. D. − 3°5688	9	36 23.27	− 0.36	+ 3.62	317 39 47.95	43.928	+ 1.06	− 50.2	23 36 26.53	− 2.53	− 3 22 29.4	−17.1
57	B. D. − 1°4485	9	40 10.19	− 0.35	+ 3.62	319 51 48.72	43.335	+ 1.04	− 46.5	23 40 13.46	− 2.54	− 1 10 38.6	−16.9
58	B. D. + 1°4773	8	43 59.90	− 0.35	+ 3.62	322 43 49.18	44.432	+ 1.02	− 42.0	23 44 3.17	− 2.55	+ 1 41 51.5	−16.6
59	B. D. − 7°6104	9	48 16.79	− 0.36	+ 3.62	313 51 48.80	45.365	+ 1.00	− 57.3	23 48 20.05	− 2.50	− 7 10 2.9	−17.1
60	B. D. + 7°5101	9	50 48.47	− 0.34	+ 3.62	328 43 47.25	45.310	+ 0.99	− 33.5	23 50 51.75	− 2.59	+ 7 42 18.0	−15.9
61	B. D. − 2°6071	9	54 44.35	− 0.36	+ 3.62	318 39 47.42	44.790	+ 0.98	− 48.5	23 54 47.61	− 2.51	− 2 22 8.6	−16.7
62	B. D. − 3°5750	8	57 12.69	− 0.36	+ 3.62	317 43 49.22	47.585	+ 0.96	− 50.1	23 57 15.95	− 2.51	− 3 17 4.6	−16.7
63	33 Piscium	9	0 30.69	− 0.36	+ **3.64**	314 47 46.50	46.258	+ 0.95	− 55.5	0 0 33.95	....	− 6 13 43.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
7 20 17	29.74	73.2	73.2	2, 31.	Bisections at VI, VII.					
20 39	......	....	73.5	10, 16, 24, 36, 41, 42, 45, 48, 50.	Bisections at II, VII.					
20 57	29.73	73.0	73.1	12, 15, 55.	Bisections at I, II.					
21 25	......	....	72.7	54.	Bisections at III, VI.					
21 49	29.72	72.4	72.2							
22 40	29.705	71.3	70.7							
23 1	......	....	70.3							
23 19	29.70	70.6	69.8	Note.						
23 46	......	....	69.6	1–63. Images frequently quite poor.						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	
1	5 Ceti	9	3 22.51	− 0.36	+ 3.62	318 3 48.35	45.280	+ 0.94	− 49.6	0 3 25.77	− 2.50	− 2 57 57.7	−16.6
2	B. D. − 4°7	9	6 20.09	− 0.36	+ 3.62	317 11 47.52	44.360	+ 0.92	− 51.1	0 6 23.35	− 2.49	− 3 50 21.0	−16.6
	September 8, Ei.-Y.												
3	*d* Sagittarii	9	12 7.22	− 0.41	+ **3.55**	301 53 47.42	49.258	+ 1.66	−1 26.7	19 12 10.38	....	−19 7 4.0	....
4	B. D. −15°5348	9	20 49.24	− 0.40	+ 3.57	305 47 45.92	45.800	+ 1.66	−1 15.0	19 20 52.41	− 2.20	−15 14 12.9	−11.6
5	β Cygni	9	26 54.62	− 0.39	+ **3.59**	348 45 48.88	48.950	+ 1.66	− 10.7	19 26 57.80	....	+27 46 6.3	....
6	C. P. D. −24°6764	9	30 18.56	− 0.43	+ 3.57	296 7 47.05	44.220	+ 1.66	−1 51.0	19 30 21.70	− 2.36	−24 55 23.8	− 9.2
7	B. D. −17°5699 (*pr.*)	5	33 47.32	− 0.40	+ 3.57	303 55 47.35	43.262	+ 1.66	−1 20.5	19 33 50.49	− 2.27	−17 7 14.9	−11.6
8	B. D. −17°5699 (*fol.*)	5	33 47.88	− 0.40	+ 3.57	303 55 47.35	43.530	+ 1.66	−1 20.5	19 33 51.05	− 2.27	−17 7 8.8	−11.6
9	C. P. D. −26°6817	9	36 36.89	− 0.44	+ 3.57	294 23 46.22	43.805	+ 1.66	−1 58.9	19 36 40.02	− 2.41	−26 39 42.0	− 9.0
10	C. P. D. −27°6835	9	40 31.06	− 0.44	+ 3.57	293 33 47.62	44.372	+ 1.66	−2 3.6	19 40 34.19	− 2.44	−27 29 32.3	− 8.9
11	C. P. D. −29°6176	9	43 19.08	− 0.44	+ 3.57	292 1 47.00	46.005	+ 1.66	−2 13.1	19 43 22.21	− 2.47	−29 1 5.1	− 8.6
12	B. D. −19°5631	9	46 43.45	− 0.41	+ 3.57	301 45 47.05	44.635	+ 1.66	−1 27.5	19 46 46.61	− 2.34	−19 16 50.8	−11.5
13	B. D. −21°5574	9	49 58.07	− 0.42	+ 3.57	299 17 46.60	44.515	+ 1.66	−1 36.4	19 50 1.22	− 2.38	−21 45 2.9	−11.0
14	B. D. −22°5296	9	53 59.26	− 0.42	+ 3.57	298 35 46.75	42.672	+ 1.66	−1 39.3	19 54 2.41	− 2.40	−22 27 47.7	−11.0
15	*c* Sagittarii	9	56 52.16	− 0.44	+ 3.57	293 5 47.75	42.938	+ 1.66	−2 6.6	19 56 55.29	....	−27 58 8.0	....
16	B. D. −13°5569	9	0 11.95	− 0.39	+ 3.57	308 5 47.05	47.018	+ 1.66	−1 9.1	20 0 15.13	− 2.31	−12 55 38.0	−13.7
17	B. D. −21°5629	9	4 3.17	− 0.42	+ 3.57	300 11 46.58	42.340	+ 1.66	−1 33.1	20 4 6.32	− 2.41	−20 51 49.3	−11.8
18	B. D. −13°5608	9	7 10.90	− 0.39	+ 3.57	308 9 46.78	42.498	+ 1.66	−1 9.1	20 7 14.08	− 2.34	−12 53 21.5	−14.0
19	B. D. −13°5619	9	9 51.91	− 0.40	+ 3.57	307 21 45.88	46.402	+ 1.66	−1 11.0	20 9 55.08	− 2.35	−13 39 55.1	−13.8
20	B. D. −18°5637	9	11 35.32	− 0.41	+ 3.57	302 19 46.18	44.045	+ 1.66	−1 25.6	20 11 38.48	− 2.41	−18 43 3.3	−12.7
21	B. D. −17°5936	9	14 20.42	− 0.41	+ 3.57	303 15 46.40	44.720	+ 1.66	−1 22.6	20 14 23.58	− 2.41	−17 46 44.6	−13.0
22	β Capricorni	9	15 43.17	− 0.40	+ **3.54**	305 57 45.40	45.050	+ 1.66	−1 14.7	20 15 46.34	....	−15 4 30.2	....
23	B. D. −22°5419	9	18 49.86	− 0.42	+ 3.57	298 41 46.00	44.900	+ 1.66	−1 38.8	20 18 53.01	− 2.47	−22 20 57.1	−12.0
24	π Capricorni	8	21 55.82	− 0.41	+ **3.56**	302 31 45.72	44.195	+ 1.66	−1 24.9	20 21 58.98	....	−18 30 59.6	....
25	B. D. −17°5992	9	23 37.26	− 0.41	+ 3.57	303 17 45.92	45.255	+ 1.66	−1 22.5	20 23 40.42	− 2.43	−17 44 32.8	−13.3
26	B. D. −17°6014	9	27 11.55	− 0.40	+ 3.57	304 7 45.78	42.800	+ 1.66	−1 20.0	20 27 14.72	− 2.43	−16 55 26.5	−13.7
27	ε Delphini	9	28 42.44	− 0.37	+ **3.60**	331 59 47.82	47.798	+ 1.66	− 28.9	20 28 45.64	....	+10 59 20.7	....
28	α Equulei	9	11 6.78	− 0.35	+ **3.54**	325 51 48.58	49.470	+ 1.66	− 37.0	21 11 10.00	....	+ 4 51 51.6	....
29	ι Capricorni	9	17 0.24	− 0.38	+ **3.57**	303 47 45.82	47.018	+ 1.66	−1 21.3	21 17 3.43	....	−17 13 51.4	....
30	B. D. −13°5923	9	19 2.72	− 0.38	+ 3.57	307 45 46.80	44.462	+ 1.66	−1 10.3	21 19 5.91	− 2.52	−13 16 37.8	−15.9
31	B. D. −15°6005	9	27 30.74	− 0.38	+ 3.56	306 9 45.82	44.450	+ 1.66	−1 14.5	21 27 33.92	− 2.54	−14 52 43.3	−15.8
32	B. D. −20°6251	9	31 48.63	− 0.40	+ 3.56	301 9 45.80	44.375	+ 1.66	−1 29.8	21 31 51.79	− 2.58	−19 53 0.3	−15.2
33	B. D. −13°5985	9	34 32.13	− 0.37	+ 3.56	307 59 47.15	44.482	+ 1.66	−1 9.6	21 34 35.32	− 2.54	−13 2 36.3	−16.3
34	B. D. −15°6046	9	37 56.19	− 0.38	+ 3.56	306 11 45.68	47.576	+ 1.66	−1 14.3	21 37 59.37	− 2.55	−14 49 31.8	−16.1
35	B. D. − 9°5827	7	39 53.90	− 0.37	+ 3.56	311 33 47.30	46.170	+ 1.66	−1 1.4	21 39 57.09	− 2.53	− 9 27 49.4	−16.9
36	B. D. − 6°5827	9	42 40.73	− 0.36	+ 3.56	314 39 45.70	48.498	+ 1.66	− 55.2	21 42 43.93	− 2.52	− 6 20 51.6	−17.3
37	B. D. − 9°5854	9	45 34.47	− 0.37	+ 3.56	311 35 46.35	48.565	+ 1.66	−1 1.5	21 45 37.66	− 2.53	− 9 24 55.7	−17.0
38	B. D. −14°6150	9	48 14.93	− 0.38	+ 3.56	306 23 45.20	47.240	+ 1.66	−1 14.1	21 48 18.11	− 2.56	−14 37 39.8	−16.3
39	B. D. −18°6037	9	51 34.93	− 0.39	+ 3.56	302 41 46.22	45.910	+ 1.66	−1 25.1	21 51 38.10	− 2.59	−18 20 20.1	−15.9
40	B. D. −13°6074	9	56 0.64	− 0.38	+ 3.56	307 33 47.62	45.422	+ 1.66	−1 11.2	21 56 3.82	− 2.56	−13 28 16.0	−16.6
41	B. D. − 7°5688	9	58 19.24	− 0.36	+ 3.56	314 3 47.05	44.720	+ 1.66	− 56.7	21 58 22.44	− 2.54	− 6 58 18.1	−17.4
42	B. D. − 6°5908	9	1 8.83	− 0.36	+ 3.56	315 13 45.62	44.075	+ 1.66	− 54.5	22 1 12.03	− 2.54	− 5 48 32.1	−17.5
43	B. D. −12°6195	9	3 31.86	− 0.37	+ 3.56	308 57 46.40	45.780	+ 1.66	−1 7.8	22 3 35.05	− 2.56	−12 4 5.6	−16.9
44	B. D. −11°5770	9	5 30.38	− 0.37	+ 3.56	309 43 46.68	49.345	+ 1.66	−1 6.0	22 5 33.57	− 2.56	−11 16 42.1	−17.0
45	B. D. − 7°5727	9	7 45.78	− 0.36	+ 3.56	314 5 46.75	46.248	+ 1.66	− 56.6	22 7 48.98	− 2.55	− 6 55 43.4	−17.4
46	B. D. −17°6478	9	11 9.34	− 0.39	+ 3.56	303 21 45.62	46.402	+ 1.66	−1 23.2	22 11 12.51	− 2.59	−17 40 7.6	−16.4
47	B. D. −18°6096	9	12 24.66	− 0.39	+ 3.56	302 23 45.42	47.895	+ 1.66	−1 26.3	22 12 27.83	− 2.60	−18 37 36.8	−16.4
48	B. D. − 9°5963	9	15 53.15	− 0.37	+ 3.56	311 47 46.15	45.815	+ 1.66	−1 1.4	22 15 56.34	− 2.56	− 9 13 58.7	−17.3
49	B. D. − 5°5780	9	19 12.53	− 0.36	+ 3.56	315 43 46.58	44.160	+ 1.66	− 53.5	22 19 15.73	− 2.56	− 5 18 28.2	−17.6
50	B. D. −11°5833	9	21 41.51	− 0.37	+ 3.56	309 19 46.08	45.812	+ 1.66	−1 6.9	22 21 44.70	− 2.57	−11 42 4.3	−17.2
51	B. D. −13°6204	9	24 59.41	− 0.38	+ 3.56	307 37 45.95	47.508	+ 1.66	−1 11.1	22 25 2.59	− 2.58	−13 23 29.9	−17.0
52	B. D. −11°5855	9	26 41.75	− 0.37	+ 3.56	309 37 46.62	48.690	+ 1.66	−1 6.2	22 26 44.94	− 2.57	−11 22 57.3	−17.2
53	η Aquarii	9	30 30.98	− 0.36	+ **3.55**	320 25 47.45	45.472	+ 1.66	− 45.4	22 30 34.18	....	− 0 35 49.3	....
54	B. D. −12°6315	9	32 6.58	− 0.37	+ 3.56	308 47 46.42	49.202	+ 1.66	−1 8.2	22 32 9.77	− 2.57	−12 12 47.8	−17.2
55	B. D. −10°5963	9	34 18.72	− 0.37	+ 3.56	310 29 45.78	49.265	+ 1.66	−1 4.2	22 34 21.91	− 2.57	−10 30 43.0	−17.4
56	B. D. − 9°6038 (*fol.*)	9	38 7.36	− 0.36	+ 3.56	312 13 46.55	45.912	+ 1.66	−1 0.5	22 38 10.56	− 2.56	− 8 47 55.2	−17.5
57	B. D. − 3°5505	9	42 20.46	− 0.36	+ 3.56	317 49 47.02	45.385	+ 1.66	− 49.8	22 42 23.66	− 2.57	− 3 11 56.1	−17.7
58	B. D. −11°5923	9	43 32.88	− 0.37	+ 3.56	309 57 46.95	48.975	+ 1.66	−1 5.5	22 43 36.07	− 2.57	−11 2 49.8	−17.4
59	B. D. −10°6008	9	47 48.52	− 0.37	+ 3.56	310 27 46.42	47.945	+ 1.66	−1 4.3	22 47 51.71	− 2.57	−10 33 12.6	−17.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	In.	°	°
7 0 7	29.60	69.9	69.2
8 19 10	29.72	78.5	79.1
19 32	.....	....	78.7
19 51	29.73	77.7	78.1
20 13	.....	....	78.0
20 30	29.73	77.1	77.9
21 9	29.73	75.4	75.0
21 36	.....	....	76.6
21 59	29.73	73.4	72.1
22 23	.....	....	72.3

Micrometer bisections are made at II, VI, except as noted below.

7, 21, 26, 46, 57.	Bisections at I, II.
8, 23, 35.	Bisections at VI, VII.
9, 10, 11, 14, 16, 25, 28, 29, 32, 33, 36, 37, 44, 50, 52, 59.	Bisections at II, VII.
13.	Bisections at III, VII.
15.	Bisections at III, VI, VII.
17.	Bisections at II, VI, VII.
34.	Bisection at II.

Notes.

9–52. Images poor.
9. Very unsteady.
53. Circle reading increased 2′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 0°4939........	9	50 10.41	− 0.35	+ 3.56	321 35 47.25	45.325	+ 1.66	− 43.6	22 50 13.62	− 2.58	+ 0 34 9.0	−17.7
2	B. D.−11°5961........	9	53 10.46	− 0.37	+ 3.56	309 23 45.98	46.620	+ 1.66	−1 6.9	22 53 13.65	− 2.56	−11 37 46.0	−17.4
3	B. D.− 0°4443........	9	55 48.06	− 0.35	+ 3.56	320 41 47.35	48.032	+ 1.66	− 45.0	22 55 51.27	− 2.58	− 0 18 50.5	−17.6
4	B. D.− 7°5913........	9	57 39.13	− 0.36	+ 3.56	313 57 46.70	44.438	+ 1.66	− 57.0	22 57 42.33	− 2.56	− 7 4 25.2	−17.5
5	B. D.+ 0°4963........	9	0 28.44	− 0.35	+ 3.56	321 49 46.72	45.815	+ 1.66	− 43.3	23 0 31.65	− 2.58	+ 0 48 20.0	−17.5
6	B. D.− 1°4393........	9	2 55.89	− 0.36	+ 3.56	320 13 46.70	45.162	+ 1.66	− 45.8	23 2 59.09	− 2.57	− 0 47 57.5	−17.5
7	B. D.− 8°6040........	9	5 30.34	− 0.37	+ 3.56	312 43 47.33	43.552	+ 1.66	− 59.6	23 5 33.53	− 2.56	− 8 18 47.4	−17.5
8	B. D.− 3°5592........	9	9 15.63	− 0.36	+ 3.56	317 53 46.45	44.040	+ 1.66	− 49.8	23 9 18.83	− 2.56	− 3 8 27.4	−17.5
9	B. D.−13°6372........	9	10 56.54	− 0.38	+ 3.56	307 19 45.40	47.640	+ 1.66	−1 12.1	23 10 59.72	− 2.56	−13 41 28.4	−17.4
10	B. D.− 0°4498........	9	13 30.87	− 0.35	+ 3.56	321 1 47.48	47.495	+ 1.66	− 44.5	23 13 34.08	− 2.57	+ 0 0 57.9	−17.4
11	B. D.−11°6053........	9	15 58.64	− 0.37	+ 3.56	309 59 46.68	44.575	+ 1.66	−1 5.6	23 16 1.83	− 2.55	−11 2 30.7	−17.4
12	B. D.+ 2°4660........	9	18 4.51	− 0.35	+ 3.56	323 19 48.28	46.068	+ 1.66	− 41.0	23 18 7.72	− 2.58	+ 2 18 29.6	−17.2
13	B. D.+ 2°4663(*fol.*)...	9	19 28.25	− 0.35	+ 3.56	324 13 47.52	45.580	+ 1.66	− 39.7	23 19 31.46	− 2.59	+ 3 12 19.0	−17.2
14	B. D.+ 0°4999........	9	22 25.26	− 0.35	+ 3.56	321 37 46.58	46.735	+ 1.66	− 43.6	23 22 28.47	− 2.57	+ 0 36 40.5	−17.2
15	B. D.+ 0°5009........	8	25 51.23	− 0.35	+ 3.56	321 23 47.32	44.575	+ 1.66	− 44.0	23 25 54.44	− 2.57	+ 0 21 51.5	−17.1
16	B. D.−11°6098........	9	27 33.03	− 0.37	+ 3.56	309 31 45.95	44.010	+ 1.66	−1 6.8	23 27 36.22	− 2.54	−11 30 45.5	−17.4
17	B. D.−11°6110........	5	30 35.26	− 0.37	+ 3.56	309 57 47.05	45.440	+ 1.66	−1 5.8	23 30 38.45	− 2.53	−11 4 10.7	−17.4
18	B. D.− 1°4469........	9	34 54.94	− 0.35	+ 3.56	319 45 47.58	46.723	+ 1.66	− 46.7	23 34 58.15	− 2.55	− 1 15 21.8	−17.0
19	B. D.− 7°6070........	9	36 19.14	− 0.36	+ 3.56	314 1 46.92	46.595	+ 1.66	− 57.1	23 36 22.34	− 2.53	− 6 59 35.8	−17.3
20	i^1 Aquarii..............	9	39 18.98	− 0.39	+ **3.59**	302 13 46.02	47.930	+ 1.66	−1 27.3	23 39 22.15	.....	−18 47 36.4	....
	September 9, Hl.												
21	η Piscium................	8	26 26.64	− 0.28	+ **3.27**	335 51 49.00	48.722	+ 8.26	− 24.6	1 26 29.72	.....	+14 51 53.9	....
22	π Piscium................	9	32 6.26	− 0.28	+ **3.31**	332 39 47.28	48.900	+ 8.26	− 28.4	1 32 9.34	.....	+11 39 52.5	....
23	B. D.+39°384..........	9	37 3.83	− 0.30	+ 3.36	0 55 49.95	43.340	+ 8.26	+ 0.9	1 37 6.89	− 3.08	+39 54 17.3	− 4.1
24	B. D.+37°382..........	9	44 55.87	− 0.30	+ 3.36	358 51 50.40	43.775	+ 8.26	− 1.0	1 44 58.93	− 2.98	+37 50 25.8	− 4.0
25	B. D.+39°434..........	9	49 14.21	− 0.30	+ 3.36	1 15 49.70	44.115	+ 8.26	+ 1.3	1 49 17.27	− 3.05	+40 14 35.2	− 3.1
26	B. D.+37°455..........	9	55 18.34	− 0.30	+ 3.36	359 13 49.90	47.448	+ 8.26	− 0.7	1 55 21.40	− 2.96	+38 13 49.5	− 3.1
27	B. D.+39°464..........	8	0 4.83	− 0.30	+ 3.36	0 19 49.28	44.435	+ 8.26	+ 0.4	2 0 7.89	− 2.98	+39 18 41.1	− 2.5
28	B. D.+38°425..........	9	5 10.41	− 0.30	+ 3.36	359 35 48.92	47.560	+ 8.26	− 0.3	2 5 13.47	− 2.93	+38 35 51.5	− 2.3
29	B. D.+36°446..........	9	10 14.19	− 0.30	+ 3.36	357 21 50.18	42.995	+ 8.26	− 2.5	2 10 17.25	− 2.84	+36 20 6.2	− 2.5
30	B. D.+37°536..........	9	16 0.83	− 0.30	+ 3.36	359 5 50.45	44.600	+ 8.26	− 0.8	2 16 3.89	− 2.87	+38 4 44.9	− 1.6
31	B. D.+36°491..........	9	21 30.47	− 0.30	+ 3.36	357 33 49.30	44.625	+ 8.26	− 2.3	2 21 33.53	− 2.80	+36 32 42.8	− 1.6
32	B. D.+36°512..........	9	27 8.49	− 0.30	+ 3.36	357 55 50.88	45.893	+ 8.26	− 1.9	2 27 11.55	− 2.79	+36 55 13.8	− 1.1
33	B. D.+38°527..........	9	32 58.67	− 0.30	+ 3.36	359 45 49.05	44.382	+ 8.26	− 0.2	2 33 1.73	− 2.82	+38 44 39.1	− 0.2
34	μ Ceti....................	9	39 50.64	− 0.28	+ **3.37**	330 43 48.12	47.268	+ 8.26	− 30.9	2 39 53.72	.....	+ 9 43 13.5	....
35	B. D.+36°582..........	9	46 18.54	− 0.30	+ 3.36	357 43 50.08	43.968	+ 8.26	− 2.1	2 46 21.60	− 2.69	+36 42 28.8	+ 0.2
36	B. D.+39°687..........	9	54 52.08	− 0.30	+ 3.36	1 3 49.92	44.340	+ 8.26	+ 1.1	2 54 55.14	− 2.74	+40 2 40.3	+ 1.8
37	B. D.+36°628..........	9	59 39.31	− 0.30	+ 3.36	357 27 49.08	42.807	+ 8.26	− 2.4	2 59 42.37	− 2.61	+36 26 0.9	+ 1.0
38	B. D.+37°719..........	9	5 22.80	− 0.30	+ 3.36	358 43 50.32	44.775	+ 8.26	− 1.2	3 5 25.86	− 2.62	+37 42 48.4	+ 1.8
39	B. D.+38°682..........	9	10 28.72	− 0.30	+ 3.36	359 17 49.15	46.005	+ 8.26	− 0.6	3 10 31.78	− 2.60	+38 17 15.9	+ 2.3
40	τ^1 Arietis................	9	15 46.94	− 0.28	+ **3.42**	341 49 47.85	45.105	+ 8.26	− 18.1	3 15 50.02	.....	+20 48 36.6	....
41	B. D.+37°771..........	9	21 20.57	− 0.30	+ 3.36	358 43 49.80	45.227	+ 8.26	− 1.2	3 21 23.63	− 2.52	+37 42 58.2	+ 2.9
42	B. D.+37°783..........	9	26 13.54	− 0.30	+ 3.36	358 45 50.12	44.277	+ 8.26	− 1.1	3 26 16.60	− 2.49	+37 44 36.9	+ 3.2
43	B. D.+39°829..........	9	31 9.24	− 0.30	+ 3.36	0 47 49.02	44.518	+ 8.26	+ 0.8	3 31 12.30	− 2.52	+39 46 43.2	+ 4.2
44	B. D.+37°820..........	9	37 48.16	− 0.30	+ 3.36	359 5 51.18	43.877	+ 8.26	− 0.8	3 37 51.22	− 2.43	+38 4 29.1	+ 4.0
45	η Tauri...................	8	41 52.64	− 0.28	+ **3.44**	344 49 48.28	45.817	+ 8.26	− 14.9	3 41 55.72	.....	+23 48 56.5	....
46	Moon II...............	9	46 7.22	− 0.29	+ 3.36	338 32	......	....	.....	4 46 10.29	−64.40	.. ..	....
	September 10, Hl.												
47	Sun I, N...............	9	11 15.65	− 0.32	+ 3.34	326 23 47.08	45.925	+ 8.48	− 35.8	11 11 18.67	+64.08	+ 5 22 36.8	....
48	Sun II, S...............	9	13 23.81	− 0.32	+ 3.34	325 51 48.68	46.340	+ 8.48	− 36.5	11 13 26.83	−64.08	+ 4 50 47.8	....
49	Venus I, N.............	9	1 2.76	− 0.36	+ 3.34	306 17 48.98	45.206	+ 8.63	−1 12.8	14 1 5.74	+ 0.78	−14 44 14.2	....
	September 10, P.												
50	γ Eridani................	9	53 37.11	− 0.36	+ **3.46**	307 15 38.55	45.438	+ 8.32	−1 12.2	3 53	.....	−13 46 19.0	....
51	o^1 Eridani................	7	7 15.15	− 0.34	+ **3.37**	313 55 40.12	48.857	+ 8.32	− 57.0	4 7	.....	− 7 4 44.1	....
52	δ Tauri...................	8	17 29.51	− 0.32	+ **3.39**	338 19 39.32	47.702	+ 8.32	− 21.8	4 17	.....	+17 19 23.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 22 51	29.73	72.7	71.7
23 17	......	....	70.4
23 40	29.73	71.1	69.4
9 1 17	29.73	72.3	72.9
1 41	......	....	71.9
2 36	29.73	70.9	70.1
2 50	......	....	69.9
3 19	......	....	69.1
3 47	......	....	70.2
3 59	29.73	70.2	69.2
10 11 13	29.80	83.9	83.0
14 1	29.80	86.8	86.3
4 0	29.855	73.8	73.8
4 21	29.865	73.4	73.4

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisection at VI.
3, 9, 13.	Bisections at II, VII.
12, 18, 47.	Bisections at I, II.
17, 45, 48.	Bisections at VI, VII.
49.	Bisections at I, II, VI, VII.

Notes.

23, 27, 43.	Observed head north.
24, 26, 30–32, 37–39, 44.	Observed head south.
45.	Mist.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
47	+ 4.8	−15 54.4	...	−15 49.6
48	+ 4.9	+15 54.5	...	+15 59.4
49	+ 9.4	− 11.3	...	− 1.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon II, N.	9	37 23.73	− 0.33	....	340 29 40.42	48.715	+ 8.32	− 19.6	5 37	.....	+19 29 50.2	....
2	Mercury II, C.	9	36 36.63	− 0.39	+ 3.40	331 39 39.68	43.670	+ 8.29	− 29.2	10 36 39.64	− 0.19	+10 37 44.6	....
	September 11, P.												
3	Sun I, S.	8	14 51.42	− 0.39	+ 3.40	325 29 39.88	44.863	+ 7.98	− 37.1	11 14 54.43	+64.04	+ 4 28 3.5	....
4	Sun II, N.	9	16 59.50	− 0.39	+ 3.40	326 1 40.80	44.235	+ 7.98	− 36.3	11 17 2.51	−64.04	+ 4 59 51.6	....
5	Venus I, N.	9	4 54.75	− 0.41	+ 3.39	305 51 46.75	45.016	+ 9.11	−1 14.0	14 4 57.73	+ 0.79	−15 10 21.5	....
	September 11, Ei.-Y.												
6	λ Aquilæ	9	1 14.57	− 0.34	+ **3.39**	315 59 49.88	46.957	+ 9.12	− 52.7	19 1 17.63	.....	− 5 1 12.7	....
7	C. P. D. −28°6805	9	5 16.76	− 0.40	+ 3.40	292 21 49.10	45.355	+ 9.12	−2 11.4	19 5 19.76	− 2.28	−28 41 8.7	− 6.8
8	*d* Sagittarii	9	12 7.26	− 0.37	+ **3.42**	301 53 48.62	48.893	+ 9.12	−1 27.2	19 12 10.29	.....	−19 7 4.2	....
9	ω Aquilæ	9	13 23.12	− 0.33	+ **3.39**	332 25 49.68	48.725	+ 9.12	− 28.4	19 13 26.19	.....	+11 25 51.7	....
10	B. D. −22°5105	9	20 42.06	− 0.38	+ 3.40	299 5 48.95	42.633	+ 9.12	−1 37.6	19 20 45.08	− 2.24	−21 57 37.3	− 9.6
11	B. D. −18°5376	8	22 36.41	− 0.37	+ 3.40	302 29 49.18	44.255	+ 9.12	−1 25.3	19 22 39.44	− 2.20	−18 32 47.7	−10.7
12	C. P. D. −28°6948	8	26 10.92	− 0.40	+ 3.40	292 39 49.18	41.688	+ 9.12	−2 9.7	19 26 13.92	− 2.36	−28 24 30.7	− 7.9
13	C. P. D. −26°6797	9	30 17.83	− 0.40	+ 3.40	294 57 49.45	41.605	+ 9.12	−1 56.5	19 30 20.83	− 2.33	−26 6 19.1	− 8.7
14	C. P. D. −27°6807	9	33 7.17	− 0.40	+ 3.40	293 27 49.75	45.670	+ 9.12	−2 4.7	19 33 10.17	− 2.37	−27 34 54.2	− 8.4
15	B. D. −21°5479	9	35 16.01	− 0.38	+ 3.40	299 59 49.32	43.715	+ 9.12	−1 34.1	19 35 19.03	− 2.28	−21 3 8.7	−10.5
16	C. P. D. −23°7565	9	38 54.78	− 0.39	+ 3.40	297 57 49.30	45.310	+ 9.12	−1 42.3	19 38 57.79	− 2.32	−23 4 40.5	−10.0
17	B. D. −21°5522	9	42 26.92	− 0.38	+ 3.40	299 51 48.30	43.660	+ 9.12	−1 34.7	19 42 29.94	− 2.31	−21 11 11.6	−10.7
18	B. D. −20°5735	9	46 21.90	− 0.38	+ 3.40	301 5 48.48	46.715	+ 9.12	−1 30.1	19 46 24.92	− 2.31	−19 55 57.0	−11.3
19	B. D. −19°5650	9	49 54.93	− 0.38	+ 3.40	301 29 48.55	46.010	+ 9.12	−1 28.8	19 49 57.95	− 2.32	−19 32 11.7	−11.5
20	B. D. −18°5553	9	53 37.27	− 0.37	+ 3.40	302 49 48.28	44.752	+ 9.12	−1 24.4	19 53 40.30	− 2.31	−18 12 36.4	−12.0
21	63 Sagittarii	9	56 41.97	− 0.36	+ 3.40	307 7 48.35	46.677	+ 9.12	−1 11.9	19 56 45.03	− 2.28	−13 53 39.8	−13.4
22	C. P. D. −27°6933	9	59 27.44	− 0.40	+ 3.40	293 57 49.90	46.335	+ 9.12	−2 1.9	19 59 30.44	− 2.45	−27 4 36.0	− 9.8
23	B. D. −14°5648	9	3 18.33	− 0.36	+ 3.40	306 31 48.30	42.105	+ 9.12	−1 13.6	20 3 21.37	− 2.31	−14 31 26.0	−13.4
24	B. D. −12°5664	9	6 44.68	− 0.36	+ 3.40	308 21 49.58	45.410	+ 9.12	−1 8.8	20 6 47.72	− 2.30	−12 40 4.4	−14.0
25	B. D. −17°5913	9	9 51.57	− 0.37	+ 3.40	303 53 49.25	46.235	+ 9.12	−1 21.0	20 9 54.60	− 2.36	−17 7 58.1	−13.0
26	B. D. −15°5606	9	11 27.50	− 0.36	+ 3.40	305 33 48.50	45.938	+ 9.12	−1 16.2	20 11 30.54	− 2.34	−15 28 0.9	−13.4
27	C. P. D. −25°7042	9	14 7.28	− 0.39	+ 3.40	295 31 48.10	45.055	+ 9.12	−1 53.7	20 14 10.29	− 2.47	−25 30 58.9	−10.9
28	C. P. D. −23°7723	9	15 55.31	− 0.39	+ 3.40	297 15 48.88	46.495	+ 9.12	−1 45.4	20 15 58.32	− 2.45	−23 46 16.9	−11.4
29	B. D. −14°5732	9	18 10.18	− 0.36	+ 3.40	306 29 47.62	42.597	+ 9.12	−1 13.7	20 18 13.22	− 2.36	−14 33 15.6	−13.9
30	B. D. −21°5719	9	21 22.69	− 0.38	+ 3.40	299 55 49.30	44.667	+ 9.12	−1 34.5	20 21 25.71	− 2.44	−21 6 47.4	−12.4
31	B. D. −21°5729	9	23 31.91	− 0.38	+ 3.40	299 49 48.18	45.252	+ 9.12	−1 34.9	20 23 34.93	− 2.44	−21 12 35.5	−12.4
32	B. D. −10°5668	9	20 9.44	− 0.35	+ 3.40	310 53 48.92	43.645	+ 9.12	−1 3.2	21 20 12.49	− 2.48	−10 8 39.9	−16.5
33	B. D. −21°6020	8	21 54.71	− 0.38	+ 3.40	299 25 47.70	47.050	+ 9.12	−1 36.6	21 21 57.73	− 2.57	−21 35 56.5	−14.4
34	B. D. −14°6039	9	24 30.89	− 0.36	+ 3.40	306 35 48.25	46.062	+ 9.12	−1 13.6	21 24 33.93	− 2.52	−14 25 55.7	−15.8
35	β Aquarii	9	26 36.12	− 0.34	+ **3.41**	315 1 48.25	48.155	+ 9.12	− 54.6	21 26 39.18	.....	− 5 58 48.9	....
	September 14, Hl.												
36	Venus N.	.	.. ..	....	....	304 35 51.22	43.735	+ 7.92	−1 19.9	14 16	.....	−16 26 53.0	....
37	δ Ursæ Minoris	9	2 29.72	− 2.85	+ 3.30	47 35 56.95	48.228	+ 8.68	+1 1.5	18 2 30.17	.....	+86 37 16.6	....
38	109 Herculis	9	19 40.08	− 0.33	+ **3.28**	342 43 52.88	48.410	+ 8.68	− 17.4	18 19 43.05	.....	+21 43 58.3	....
39	3 H. Scuti	9	30 4.38	− 0.36	+ **3.31**	312 43 52.28	44.127	+ 8.68	−1 0.7	18 30 7.32	.....	− 8 18 23.4	....
40	4 H. Scuti	9	37 6.57	− 0.36	+ **3.32**	311 53 52.08	44.330	+ 8.68	−1 2.5	18 37 9.51	.....	− 9 8 20.8	....
41	110 Herculis	9	41 35.63	− 0.33	+ **3.28**	341 27 52.22	47.875	+ 8.68	− 18.8	18 41 38.60	.....	+20 27 44.0	....
42	51 H. Cephei s. p.	9	56 35.72	+ 3.18	+ 3.30	53 47 55.48	45.685	+ 8.68	+1 17.0	6 56 42.20	.....	+87 11 26.3	....
	September 18, P.												
43	δ Ursæ Minoris	9	2 28.78	− 3.05	+ 3.15	47 35 58.08	48.283	+ 7.88	+1 0.2	18 2 28.88	.....	+86 37 17.1	....
44	109 Herculis	9	19 40.14	− 0.36	+ **3.17**	342 43 52.05	48.455	+ 7.88	− 17.0	18 19 42.93	.....	+21 43 58.1	....
45	3 H. Scuti	9	30 4.54	− 0.39	+ **3.11**	312 43 52.92	44.052	+ 7.88	− 59.3	18 30 7.30	.....	− 8 18 23.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 5 37	29.890	72.1	71.0
10 37	29.94	84.0	83.3
11 11 17	29.90	85.3	85.0
14 5	29.90	88.0	87.5
18 50	29.89	80.8	79.2
19 28	......	....	78.8
19 55	29.89	78.7	78.2
20 19	......	....	78.0
20 40	29.90	78.7	78.1
21 28	29.90	77.4	76.4
14 14 16	29.89	73.8	72.4
17 43	29.91	69.6	67.1
17 50	......	....	67.0
18 11	......	....	65.9
18 34	......	....	65.0
18 47	......	....	64.4
19 3	29.84	65.9	63.9
18 17 56	29.88	78.5	78.1
18 26	......	....	77.2

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at II, III, IV, V, VI.
2, 5. Bisections at I, II, VI, VII.
3, 8. Bisections at I, II.
4, 36. Bisections at VI, VII.
12, 13, 18, 23. Bisections at II, VII.
33. Bisection at VII.
35. Bisections at I, II, VI.
37, 42. Bisections at III, IV, V.
43. Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

2. Circle reading decreased 10°.
18–42. Somewhat unsteady.
37. Windy.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+17 53.8	−14 51.1	...	+ 3 2.7
2	+ 3.3	.. ..	+ 0.1	+ 3.4
3	+ 4.9	+15 54.0	...	+15 58.9
4	+ 4.8	−15 54.0	...	−15 49.2
5	+ 9.5	− 11.4	...	− 1.9
36	+ 10.0	− 11.8	...	− 1.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	4 H. Scuti	9	37 6.61	− 0.39	+ **3.24**	311 53 49.22	44.408	+ 7.88	−1 1.1	18 37 9.37	....	− 9 8 21.3	....
2	110 Herculis	9	41 35.77	− 0.36	+ **3.09**	341 27 50.72	47.907	+ 7.88	− 18.4	18 41 38.56	....	+20 27 42.8	....
3	51 H. Cephei s. p.	7	56 38.23	+ 3.36	+ 3.15	53 47 56.18	45.831	+ 7.88	+1 15.2	6 56 44.74	....	+87 11 25.0	....
	September 19, Hl.												
4	Sun N	.	.. ..	....	....	322 57 50.82	42.517	+ 8.58	− 40.8	11 45	....	+ 1 55 17.8	....
5	Sun S	.	.. ..	....	....	322 25 51.12	42.863	+ 8.58	− 41.6	.. ..	....	+ 1 23 25.8	....
6	Venus I, N.	9	35 37.64	− 0.34	+ 2.99	302 33 51.45	46.788	+ 9.41	−1 24.2	14 35 40.29	+ 0.88	−18 27 46.2	....
7	δ Ursæ Minoris	7	2 28.91	− 3.99	+ 2.98	47 35 56.22	48.297	+ 9.82	+ 59.9	18 2 27.90	....	+86 37 17.0	....
8	109 Herculis	9	19 40.20	− 0.36	+ **3.09**	342 43 51.60	48.390	+ 9.82	− 16.9	18 19 42.81	....	+21 43 58.2	....
9	3 H. Scuti	9	30 4.53	− 0.35	+ **3.06**	312 43 52.20	44.038	+ 9.82	− 59.1	18 30 7.15	....	− 8 18 22.8	....
10	4 H. Scuti	9	37 6.76	− 0.35	+ **3.03**	311 53 49.55	44.322	+ 9.82	−1 0.8	18 37 9.38	....	− 9 8 20.6	....
11	110 Herculis	8	41 35.89	− 0.36	+ **2.95**	341 27 51.32	47.835	+ 9.82	− 18.3	18 41 38.50	....	+20 27 43.8	....
12	51 H. Cephei s. p.	8	56 37.31	+ 4.51	+ 2.97	53 48	......	....	. ....	6 56 44.79	....	+87 11	....
	September 19, Ei.-Y.												
13	β Aquilæ	9	50 41.03	− 0.32	+ **3.08**	327 11 50.00	45.690	+ 9.53	− 35.3	19 50 43.80	....	+ 6 10 36.2	....
14	τ Aquilæ	9	59 32.18	− 0.32	+ **3.09**	328 1 50.32	46.810	+ 9.53	− 34.2	19 59 34.95	....	+ 7 1 3.2	....
15	B. D. −15°5576	9	5 58.99	− 0.34	+ 3.09	305 15 48.50	45.255	+ 9.53	−1 17.4	20 6 1.74	− 2.22	−15 46 17.2	−12.8
16	C. P. D. −27°6972	9	9 25.40	− 0.37	+ 3.09	293 43 49.45	46.220	+ 9.53	−2 3.9	20 9 28.12	− 2.38	−27 18 40.7	− 9.5
17	B. D. −21°5669	9	11 17.77	− 0.35	+ 3.09	299 49 48.22	43.830	+ 9.53	−1 35.3	20 11 20.51	− 2.30	−21 13 8.0	−11.4
18	B. D. −19°5776	9	13 57.92	− 0.35	+ 3.09	301 37 48.52	45.085	+ 9.53	−1 28.7	20 14 0.66	− 2.29	−19 24 32.4	−12.0
19	B. D. −16°5581	9	17 13.05	− 0.34	+ 3.09	304 13 49.75	43.380	+ 9.53	−1 20.4	20 17 15.80	− 2.28	−16 49 1.8	−12.8
20	B. D. −17°5975	9	21 10.21	− 0.34	+ 3.09	303 21 48.75	43.977	+ 9.53	−1 23.1	20 21 12.96	− 2.30	−17 40 51.9	−12.7
21	ρ Capricorni	9	23 29.62	− 0.34	+ **3.07**	302 55 49.58	42.947	+ 9.53	−1 24.5	20 23 32.37	....	−18 7 16.0	....
22	B. D. −15°5696	9	25 47.94	− 0.34	+ 3.09	305 39 47.90	45.922	+ 9.53	−1 16.3	20 25 50.69	− 2.29	−15 22 1.5	−13.5
23	B. D. −19°5852	9	29 3.06	− 0.35	+ 3.09	301 19 47.70	44.120	+ 9.53	−1 29.9	20 29 5.80	− 2.35	−19 42 56.5	−12.4
24	C. P. D. −25°7135	9	32 16.24	− 0.36	+ 3.09	295 37 49.02	42.248	+ 9.53	−1 53.8	20 32 18.97	− 2.43	−25 26 1.8	−11.0
25	υ Capricorni	9	34 41.64	− 0.34	+ 3.09	302 33 49.45	46.390	+ 9.53	−1 25.7	20 34 44.39	....	−18 27 58.7	....
26	B. D. −14°5839	9	39 19.37	− 0.34	+ 3.09	306 31 48.85	42.470	+ 9.53	−1 14.0	20 39 22.12	− 2.33	−14 31 17.1	−14.2
27	ε Aquarii	9	42 34.84	− 0.33	+ **3.14**	311 11 49.48	44.945	+ 9.53	−1 2.6	20 42 37.60	....	− 9 50 8.6	....
28	C. P. D. −26°7110	9	43 42.64	− 0.37	+ 3.09	294 55 49.60	43.732	+ 9.53	−1 57.5	20 43 45.36	− 2.47	−26 7 31.0	−11.2
29	B. D. −14°5866	9	46 6.29	− 0.34	+ 3.09	306 45 49.12	45.235	+ 9.53	−1 13.4	20 46 9.04	− 2.35	−14 16 13.1	−14.5
30	C. P. D. −24°7105	9	47 30.24	− 0.36	+ 3.09	296 55 48.58	42.233	+ 9.53	−1 47.6	20 47 32.97	− 2.46	−24 7 56.4	−11.9
31	C. P. D. −23°7879	9	49 36.07	− 0.36	+ 3.09	297 49 48.75	46.248	+ 9.53	−1 43.5	20 49 38.80	− 2.45	−23 12 20.4	−12.2
32	B. D. −18°5831	8	55 34.16	− 0.34	+ 3.09	303 9 49.38	41.955	+ 9.53	−1 23.9	20 55 36.91	− 2.41	−17 53 38.3	−13.8
33	η Capricorni	9	59 3.17	− 0.35	+ 3.09	300 49 48.62	42.962	+ 9.53	−1 31.8	20 59 5.91	− 2.45	−20 13 23.9	−13.3
34	B. D. −22°5612	9	2 30.71	− 0.36	+ 3.09	298 19 48.15	45.595	+ 9.53	−1 41.5	21 2 33.44	− 2.48	−22 42 33.9	−12.8
35	B. D. −17°6196	9	5 6.77	− 0.34	+ 3.09	303 41 48.40	45.792	+ 9.53	−1 22.2	21 5 9.52	− 2.44	−17 20 9.9	−14.2
36	B. D. −22°5630	9	8 37.62	− 0.36	+ 3.09	298 27 48.98	42.355	+ 9.53	−1 41.0	21 8 40.35	− 2.50	−22 35 46.6	−13.1
37	B. D. −13°5891	9	10 50.44	− 0.34	+ 3.09	307 25 49.00	47.650	+ 9.53	−1 11.6	21 10 53.19	− 2.42	−13 35 16.2	−15.3
38	B. D. −16°5840	9	14 1.46	− 0.34	+ 3.09	304 27 49.18	45.455	+ 9.53	−1 19.9	21 14 4.21	− 2.45	−16 34 14.5	−14.7
39	B. D. − 9°5724	9	16 55.69	− 0.33	+ 3.09	311 19 49.80	41.790	+ 9.53	−1 2.5	21 16 58.45	− 2.42	− 9 43 20.2	−16.3
40	B. D. −18°5935	9	21 1.13	− 0.35	+ 3.09	302 29 49.00	43.525	+ 9.53	−1 26.1	21 21 3.87	− 2.49	−18 33 5.0	−14.4
41	B. D. − 7°5565	9	22 23.97	− 0.33	+ 3.09	313 37 49.90	42.438	+ 9.53	− 57.6	21 22 26.73	− 2.42	− 7 25 0.4	−16.9
42	B. D. − 9°5758	9	24 56.96	− 0.33	+ 3.09	312 1 49.08	43.895	+ 9.53	−1 1.0	21 24 59.72	− 2.43	− 9 0 31.4	−16.6
43	β Aquarii	9	26 36.41	− 0.32	+ **3.04**	315 1 49.25	48.117	+ 9.53	− 54.8	21 26 39.18	....	− 5 58 48.5	....
44	B. D. −20°6237	9	29 34.21	− 0.35	+ 3.09	300 31 49.30	46.722	+ 9.53	−1 32.9	21 29 36.95	− 2.52	−20 29 58.4	−14.2
45	B. D. −12°6044	8	32 15.44	− 0.33	+ 3.09	309 9 48.98	43.815	+ 9.53	−1 7.4	21 32 18.20	− 2.47	−11 52 39.7	−16.1
46	γ Capricorni	8	34 52.88	− 0.34	+ **3.07**	303 57 49.12	43.567	+ 9.53	−1 21.5	21 34 55.63	....	−17 4 59.3	....
47	B. D. − 9°5809	9	35 56.37	− 0.33	+ 3.09	311 27 49.30	45.720	+ 9.53	−1 2.2	21 35 59.13	− 2.46	− 9 33 50.6	−16.6
48	B. D. −18°5998	9	38 20.45	− 0.34	+ 3.09	303 13 49.38	44.273	+ 9.53	−1 23.8	21 38 23.20	− 2.52	−17 48 45.2	−15.0
49	B. D. − 9°5833	9	41 15.16	− 0.33	+ 3.09	311 19 49.42	44.532	+ 9.53	−1 2.5	21 41 17.92	− 2.48	− 9 42 18.0	−16.7
50	B. D. −15°6075	9	44 4.54	− 0.34	+ 3.09	305 29 48.08	42.805	+ 9.53	−1 17.0	21 44 7.29	− 2.52	−15 33 13.3	−15.6
51	B. D. −19°6176	9	46 28.49	− 0.35	+ 3.09	301 59 48.38	42.735	+ 9.53	−1 27.8	21 46 31.23	− 2.54	−19 3 25.3	−15.0
52	B. D. − 4°5568	9	49 15.59	− 0.33	+ 3.09	316 19 49.28	42.970	+ 9.53	− 52.5	21 49 18.35	− 2.48	− 4 42 43.8	−17.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 19 48	29.990	76.1	75.9
19 11 44	29.96	83.8	84.3
14 36	29.92	84.8	85.1
17 45	29.90	81.0	79.9
18 10	......	....	78.8
18 24	......	....	78.1
18 34	......	....	78.0
18 47	......	....	77.4
19 0	29.90	78.2	77.0
19 48	29.90	77.3	76.4
20 13	......	....	76.0
20 36	29.90	76.1	75.5
21 4	......	....	74.8
21 27	29.89	75.2	74.4

Micrometer bisections are made at II, VI, except as noted below.

3.	Bisections at b_1, b_5, b_7, b_9.
4, 27, 29, 40, 42, 46.	Bisections at I, II.
5.	Bisections at VI, VII.
6.	Bisections at I, II, VI, VII.
7.	Bisections at III, IV, V.
15, 22, 24, 26, 34, 41, 45, 48.	Bisections at II, VII.
19.	Bisections at III, VII.
31.	Bisections at II, VI, VII.

Notes.

7.	Revolutions of micrometer reading assumed.
12.	Clouds.
31, 32, 48.	Rather unsatisfactory.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 5.2	−15 56.0	...	−15 50.8
5	+ 5.3	+15 55.9	...	+16 1.2
6	+ 10.8	− 12.5	...	− 1.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 9°5876	9	52 40.08	− 0.33	+ 3.09	312 1 49.05	44.110	+ 9.53	−1 1.0	21 52 42.84	− 2.50	− 9 0 26.5	−17.0
2	B. D.−15°6119	8	56 21.45	− 0.34	+ 3.09	306 15 48.50	44.857	+ 9.53	−1 14.8	21 56 24.20	− 2.53	−14 46 23.7	−16.0
3	B. D.−13°6095	9	59 2.29	− 0.33	+ 3.09	307 33 49.00	45.227	+ 9.53	−1 11.4	21 59 5.05	− 2.53	−13 28 11.4	−16.3
4	ι Aquarii	9	1 21.52	− 0.34	+ **3.07**	306 43 48.08	42.480	+ 9.53	−1 13.6	22 1 24.27	.....	−14 19 17.3	....
5	B. D.−19°6227	9	3 49.66	− 0.35	+ 3.09	302 3 48.92	45.055	+ 9.53	−1 27.6	22 3 52.40	− 2.57	−18 58 31.6	−15.4
6	B. D.−12°6196	9	5 35.81	− 0.33	+ 3.09	308 59 48.95	47.255	+ 9.53	−1 7.8	22 5 38.57	− 2.54	−12 1 21.5	−16.7
7	θ Aquarii	9	11 52.27	− 0.33	+ **3.07**	312 45 50.40	48.347	+ 9.53	− 59.4	22 11 55.03	.....	− 8 14 46.7	....
8	Saturn I, C	7	51 12.38	− 0.42	+ 3.09	311 27 48.38	48.949	+ 9.30	−1 2.2	22 51 15.05	+ 0.58	− 9 34 13.2	....
9	Saturn II	7	51 13.54	− 0.42	+ 3.09	... .	......	....	. ....	22 51 16.21	− 0.58	.. ..	....
10	α Pegasi	8	0 4.63	− 0.31	+ **3.06**	335 43 50.22	44.432	+ 9.30	− 24.8	23 0 7.41	.....	+14 42 17.9	....
11	B. D.+ 0°4982	8	10 50.41	− 0.31	+ 3.08	321 49 49.42	44.795	+ 9.30	− 43.3	23 10 53.18	− 2.62	+ 0 48 7.0	−18.0
12	B. D.− 9°6160	9	13 0.97	− 0.32	+ 3.08	311 19 49.15	46.780	+ 9.30	−1 2.5	23 13 3.73	− 2.60	− 9 41 27.1	−17.4
13	B. D.− 6°6191	7	15 49.95	− 0.31	+ 3.08	314 35 49.05	47.745	+ 9.30	− 55.8	23 15 52.72	− 2.60	− 6 24 58.4	−17.6
14	B. D.−13°6391	9	16 57.46	− 0.32	+ 3.08	308 3 49.42	46.832	+ 9.30	−1 10.2	23 17 0.22	− 2.60	−12 57 33.3	−17.2
15	B. D.− 8°6103	9	19 13.44	− 0.32	+ 3.08	312 57 49.90	45.955	+ 9.30	− 59.1	23 19 16.20	− 2.60	− 8 3 41.8	−17.5
16	B. D.− 3°5639	9	22 23.62	− 0.31	+ 3.08	317 51 49.82	47.885	+ 9.30	− 49.8	23 22 26.39	− 2.61	− 3 8 48.5	−17.7
17	B. D.− 1°4443	8	24 40.95	− 0.31	+ 3.08	319 27 48.98	47.600	+ 9.30	− 47.1	23 24 43.72	− 2.62	− 1 32 53.1	−17.7
18	B. D.−12°6510	9	27 20.13	− 0.32	+ 3.08	308 57 48.88	46.920	+ 9.30	−1 8.0	23 27 22.89	− 2.60	−12 3 29.7	−17.2
19	B. D.+ 4°5029	9	29 36.81	− 0.31	+ 3.08	325 57 49.78	47.780	+ 9.30	− 37.2	23 29 39.58	− 2.65	+ 4 57 21.7	−17.8
20	B. D.+ 1°4744	9	31 35.42	− 0.31	+ 3.08	322 35 49.88	47.437	+ 9.30	− 42.1	23 31 38.19	− 2.63	+ 1 35 9.0	−17.7
21	B. D.− 0°4547	9	35 51.78	− 0.31	+ 3.08	320 55 49.22	44.665	+ 9.30	− 44.7	23 35 54.55	− 2.63	− 0 5 57.6	−17.6
22	B. D.− 3°5697	9	39 42.88	− 0.31	+ 3.08	317 19 50.22	46.130	+ 9.30	− 50.7	23 39 45.65	− 2.61	− 3 41 29.1	−17.4
23	B. D.− 5°6048	9	42 49.21	− 0.31	+ 3.08	316 3 48.30	42.983	+ 9.30	− 53.1	23 42 51.98	− 2.61	− 4 58 45.3	−17.4
24	B. D.− 6°6303	9	46 55.57	− 0.31	+ 3.08	314 49 48.40	45.490	+ 9.30	− 55.4	23 46 58.34	− 2.60	− 6 11 50.2	−17.3
25	B. D.− 2°6059	8	49 49.50	− 0.31	+ 3.08	318 33 49.38	45.160	+ 9.30	− 48.6	23 49 52.27	− 2.61	− 2 27 50.0	−17.3
26	B. D.+ 2°4736	9	52 17.17	− 0.31	+ 3.08	323 33 50.18	47.480	+ 9.30	− 40.6	23 52 19.94	− 2.64	+ 2 33 11.8	−17.2
27	B. D.+ 0°5080	9	55 45.37	− 0.31	+ 3.08	321 33 49.80	46.767	+ 9.30	− 43.7	23 55 48.14	− 2.63	+ 0 32 52.0	−17.2
28	B. D.+ 7°5121	9	57 41.28	− 0.31	+ 3.08	328 59 49.20	44.310	+ 9.30	− 33.1	23 57 44.05	− 2.68	+ 7 58 5.9	−16.9
29	B. D.− 2°6099	9	1 29.75	− 0.31	+ 3.08	319 15 50.32	46.375	+ 9.30	− 47.4	0 1 32.52	− 2.61	− 1 45 20.1	−17.1
30	B. D.− 0°6	9	4 3.13	− 0.31	+ 3.08	321 11 49.70	45.692	+ 9.30	− 44.3	0 4 5.90	− 2.62	+ 0 10 26.8	−17.0
31	B. D.+ 5°18 (*mean*)	9	8 50.67	− 0.31	+ 3.08	327 5 49.52	43.505	+ 9.30	− 35.7	0 8 53.44	− 2.67	+ 6 3 45.2	−16.6
32	B. D.+ 7°27	9	11 44.10	− 0.31	+ 3.08	328 45 49.40	42.438	+ 9.30	− 33.5	0 11 46.87	− 2.68	+ 7 43 22.9	−16.4
	September 19, P.												
33	α Arietis	9	1 52.43	− 0.31	+ **2.98**	344 3 51.48	41.285	+ 9.44	− 15.8	2 1 55.18	.....	+23 1 16.4	....
34	μ Fornacis	9	8 45.77	− 0.36	+ 3.06	289 53 49.08	45.075	+ 9.42	−2 31.1	2 8 48.47	.....	−31 9 34.5	....
35	γ Trianguli	9	11 43.76	− 0.33	+ 3.06	354 25 51.05	45.045	+ 9.41	− 5.3	2 11 46.49	.....	+33 24 52.3	....
36	ι Cassiopeiæ	7	21 21.48	− 0.62	+ 3.06	27 59 53.58	43.180	+ 9.39	+ 29.5	2 21 23.92	.....	+66 58 47.0	....
37	128 H¹. Ceti	9	30 55.25	− 0.30	+ 3.06	327 27 48.80	45.510	+ 9.36	− 35.2	2 30 58.01	.....	+ 6 26 30.8	....
38	γ Ceti	9	38 25.33	− 0.30	+ **3.02**	323 51 49.55	45.995	+ 9.34	− 40.3	2 38 28.09	.....	+ 2 50 37.6	....
39	41 Arietis	9	44 26.89	− 0.32	+ **3.03**	347 53 51.22	44.393	+ 9.33	− 11.8	2 44 29.63	.....	+26 52 31.0	....
40	47 H. Cephei	9	53 40.81	− 1.23	+ 3.06	40 3 54.08	42.385	+ 9.31	+ 46.6	2 53 42.64	.....	+79 2 46.3	....
41	γ Persei	8	58 0.01	− 0.43	+ 3.06	14 9 52.55	42.625	+ 9.30	+ 14.0	2 58 2.64	.....	+53 8 17.8	....
42	12 Eridani	9	8 3.99	− 0.36	+ 3.06	291 41 49.98	45.552	+ 9.27	−2 17.8	3 8 6.69	.....	−29 21 9.6	....
43	τ¹ Arietis	9	15 47.58	− 0.30	+ **3.07**	341 49 49.88	44.995	+ 9.26	− 18.1	3 15 50.34	.....	+20 48 37.1	....
44	ε Eridani	9	28 29.29	− 0.30	+ **3.02**	311 15 49.78	44.447	+ 9.22	−1 2.9	3 28 32.05	.....	− 9 46 20.2	....
45	δ Persei	9	36 14.24	− 0.39	+ 3.06	8 29 51.50	45.303	+ 9.19	+ 8.4	3 36 16.91	.....	+47 29 12.2	....
46	27 Tauri	9	43 33.87	− 0.31	+ 3.06	344 47 50.90	43.265	+ 9.17	− 15.0	3 43 36.62	− 2.37	+23 46 1.7	− 1.6
47	γ Eridani	9	53 37.67	− 0.31	+ **3.09**	307 15 49.10	44.970	+ 9.15	−1 12.6	3 53 40.42	.....	−13 46 18.7	....
48	ν Tauri	9	58 8.56	− 0.29	+ **3.06**	326 45 48.28	43.895	+ 9.13	− 36.2	3 58 11.33	.....	+ 5 43 52.2	....
49	δ Tauri	9	17 30.03	− 0.30	+ **3.11**	338 21 49.95	41.970	+ 9.09	− 22.0	4 17 32.78	.....	+17 19 24.0	....
50	53 Eridani	9	33 51.39	− 0.31	+ **2.98**	306 33 49.58	43.100	+ 9.04	−1 14.5	4 33 54.13	.....	−14 29 3.0	....
51	π³ Orionis	9	44 43.23	− 0.30	+ **3.08**	327 49 49.60	43.967	+ 9.02	− 34.8	4 44 45.98	.....	+ 6 47 56.4	....
	September 20, P.												
52	Sun I, N	9	47 10.86	− 0.28	+ 3.03	322 33 45.78	44.553	+ 8.94	− 41.4	11 47 13.61	+63.89	+ 1 31 59.0	....
53	Sun II, S	9	49 18.64	− 0.28	+ 3.03	322 1 50.98	44.705	+ 8.94	− 42.2	11 49 21.39	−63.89	+ 1 0 7.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 21 54	......	....	74.0
22 13	29.885	74.8	73.9
22 50	......	....	73.7
23 21	......	....	73.1
23 44	29.87	73.7	73.0
0 13	......	....	72.4
0 28	29.86	73.1	72.3
1 58	29.850	72.9	71.6
2 27	......	....	71.2
3 20	29.85	72.3	71.0
3 50	......	....	70.8
4 14	29.85	71.8	70.5
4 59	29.86	71.4	70.1
20 11 49	29.87	83.3	83.0

Micrometer bisections are made at II, VI, except as noted below.

4, 27. Bisections at II, VII.
8. Z. D. threads C used.
8. Bisections at I, II, VI, VII.
11, 53. Bisections at VI, VII.
13, 52. Bisections at I, II.
36, 40, 45. Bisections at III, V.
41. Bisection at V.

Notes.

41. Clouds.
51. Micrometer reading increased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 0.7	.. ....	...	+ 0.7
52	+ 5.3	−15 55.7	...	−15 50.4
53	+ 5.4	+15 55.6	...	+16 1.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, N.	9	39 25.97	− 0.32	+ 3.02	302 11 49.02	44.004	+ 9.62	−1 24.9	14 39 28.67	+ 0.89	−18 50 52.7	....
	September 20, Ei.-Y.												
2	α^2 Capricorni.	8	12 49.98	− 0.31	+ **2.98**	308 11 50.02	45.720	+ 9.66	−1 9.5	20 12 52.69	....	−12 49 57.1	....
3	β Capricorni.	9	15 43.52	− 0.32	+ **2.96**	305 57 47.88	44.620	+ 9.66	−1 15.4	20 15 46.22	....	−15 4 30.2	....
4	ε Delphini.	9	28 42.89	− 0.30	+ **2.94**	331 59 49.62	47.430	+ 9.66	− 29.1	20 28 45.61	....	+10 59 21.9	....
5	α Delphini.	9	35 15.89	− 0.30	+ **2.95**	336 35 49.75	46.735	+ 9.66	− 23.7	20 35 18.61	....	+15 35 11.6	....
6	B. D. −17°6081.	8	41 15.84	− 0.32	+ 3.02	303 31 47.92	46.145	+ 9.66	−1 22.6	20 41 18.54	− 2.36	−17 30 2.5	−13.4
7	B. D. −11°5434.	9	44 16.44	− 0.31	+ 3.02	309 13 48.80	45.740	+ 9.66	−1 7.1	20 44 19.15	− 2.32	−11 47 55.4	−15.0
8	B. D. −20°6055.	9	46 53.40	− 0.33	+ 3.02	301 3 47.88	42.543	+ 9.66	−1 30.9	20 46 56.09	− 2.40	−19 59 33.2	−12.9
9	B. D. −19°5950.	9	48 10.57	− 0.33	+ 3.02	301 35 47.72	41.545	+ 9.66	−1 29.0	20 48 13.26	− 2.40	−19 27 54.3	−13.1
10	B. D. −22°5572.	9	51 26.36	− 0.34	+ 3.02	298 41 47.98	42.408	+ 9.66	−1 40.0	20 51 29.04	− 2.44	−22 21 45.3	−12.4
11	B. D. −11°5484.	9	54 7.71	− 0.31	+ 3.02	309 57 49.08	44.375	+ 9.66	−1 5.4	20 54 10.42	− 2.34	−11 4 24.7	−15.4
12	B. D. −12°5890.	9	56 51.94	− 0.31	+ 3.02	308 59 48.45	41.352	+ 9.66	−1 7.8	20 56 54.65	− 2.36	−12 3 36.8	−15.3
13	C. P. D. −23°7916.	8	1 36.16	− 0.34	+ 3.02	297 31 48.10	43.580	+ 9.66	−1 44.9	21 1 38.84	− 2.48	−23 31 23.2	−12.5
14	B. D. −21°5940.	9	4 10.41	− 0.33	+ 3.02	300 7 47.60	41.985	+ 9.66	−1 34.4	21 4 13.10	− 2.46	−20 55 49.7	−13.3
15	B. D. − 9°5674.	9	5 42.54	− 0.31	+ 3.02	311 17 48.58	45.670	+ 9.66	−1 2.5	21 5 45.25	− 2.37	− 9 43 52.7	−16.0
16	B. D. −21°5974.	9	10 16.76	− 0.33	+ 3.02	299 59 47.80	46.032	+ 9.66	−1 34.8	21 10 19.45	− 2.47	−21 2 17.5	−13.4
17	B. D. −18°5904.	9	12 59.98	− 0.32	+ 3.02	303 11 47.85	43.260	+ 9.66	−1 23.8	21 13 2.68	− 2.45	−17 51 9.7	−14.3
18	B. D. −15°5958.	9	16 18.16	− 0.32	+ 3.02	305 29 47.18	43.328	+ 9.66	−1 16.9	21 16 20.86	− 2.44	−15 33 2.0	−14.9
19	B. D. −17°6262.	9	19 57.78	− 0.32	+ 3.02	304 13 48.60	45.730	+ 9.66	−1 20.6	21 20 0.48	− 2.46	−16 48 9.3	−14.7
20	B. D. −19°6098.	9	21 46.26	− 0.33	+ 3.02	301 35 48.62	42.232	+ 9.66	−1 29.1	21 21 48.95	− 2.49	−19 27 37.8	−14.2
21	B. D. −13°5941.	9	24 16.09	− 0.31	+ 3.02	307 51 48.80	43.960	+ 9.66	−1 10.6	21 24 18.80	− 2.45	−13 10 39.6	−15.6
22	B. D. −12°6026.	8	27 15.79	− 0.31	+ 3.02	308 21 48.65	43.940	+ 9.66	−1 9.3	21 27 18.50	− 2.45	−12 40 38.9	−15.8
23	B. D. −14°6080.	8	31 36.20	− 0.32	+ 3.02	307 9 47.70	44.498	+ 9.66	−1 12.4	21 31 38.90	− 2.47	−13 52 30.2	−15.7
24	B. D. −11°5640.	9	34 24.77	− 0.31	+ 3.02	310 1 48.85	46.143	+ 9.66	−1 5.3	21 34 27.48	− 2.46	−10 59 44.4	−16.3
25	B. D. −21°6076 (*pr.*).	9	37 43.28	− 0.33	+ 3.02	300 11 47.98	46.195	+ 9.66	−1 34.1	21 37 45.97	− 2.54	−20 50 12.8	−14.3
26	B. D. −10°5755.	9	39 50.16	− 0.31	+ 3.02	310 23 48.05	44.367	+ 9.66	−1 4.5	21 39 52.87	− 2.47	−10 38 25.0	−16.5
27	B. D. −18°6013.	9	42 32.31	− 0.33	+ 3.02	302 23 47.78	44.685	+ 9.66	−1 26.4	21 42 35.00	− 2.53	−18 38 39.8	−14.9
28	B. D. −21°6102.	9	45 35.67	− 0.33	+ 3.02	300 3 47.98	45.328	+ 9.66	−1 34.6	21 45 38.36	− 2.55	−20 58 33.2	−14.5
29	μ Capricorni.	9	48 10.19	− 0.32	+ **3.00**	307 1 47.00	47.410	+ 9.66	−1 12.7	21 48 12.89	....	−13 59 24.6	....
30	B. D. −10°5795.	9	51 24.26	− 0.31	+ 3.02	310 59 48.62	46.320	+ 9.66	−1 3.1	21 51 26.97	− 2.50	−10 1 38.4	−16.8
31	B. D. −11°5726.	9	54 44.17	− 0.31	+ 3.02	310 15 48.48	46.970	+ 9.66	−1 4.7	21 54 46.88	− 2.51	−10 45 25.3	−16.7
32	B. D. −17°6422 (*pr.*).	5	57 17.65	− 0.32	+ 3.02	303 37 47.22	44.097	+ 9.66	−1 22.4	21 57 20.35	− 2.54	−17 24 49.8	−15.5
33	B. D. −17°6422 (*fol.*).	5	57 17.95	− 0.32	+ 3.02	303 37 47.22	44.177	+ 9.66	−1 22.4	21 57 20.65	− 2.54	−17 24 48.0	−15.5
34	B. D. −15°6139.	9	1 6.15	− 0.32	+ 3.02	305 41 46.95	43.505	+ 9.66	−1 16.3	22 1 8.85	− 2.54	−15 20 57.6	−16.0
35	B. D. −17°6451.	8	3 18.83	− 0.32	+ 3.02	304 1 48.08	46.370	+ 9.66	−1 21.1	22 3 21.53	− 2.55	−16 59 55.8	−15.7
36	B. D. − 4°5623.	9	5 27.58	− 0.30	+ 3.02	316 39 47.88	47.563	+ 9.66	− 51.8	22 5 30.30	− 2.51	− 4 20 59.4	−17.8
37	B. D. −11°5778.	9	7 38.44	− 0.31	+ 3.02	310 7 48.35	47.735	+ 9.66	−1 5.0	22 7 41.15	− 2.53	−10 53 8.2	−16.8
38	B. D. −16°6046.	9	9 32.76	− 0.32	+ 3.02	304 45 47.78	45.370	+ 9.66	−1 18.9	22 9 35.46	− 2.56	−16 16 16.7	−16.0
39	B. D. − 6°5960.	9	12 11.94	− 0.30	+ 3.02	315 11 47.58	42.125	+ 9.66	− 54.5	22 12 14.66	− 2.53	− 5 51 6.7	−17.6
40	ρ Aquarii.	8	15 15.06	− 0.31	+ 3.02	312 45 49.48	41.795	+ 9.66	− 59.3	22 15 17.77	− 2.54	− 8 17 17.1	−17.3
41	γ Aquarii.	9	16 47.95	− 0.30	+ **3.01**	319 9 48.90	46.393	+ 9.66	− 47.4	22 16 50.67	....	− 1 51 20.7	....
42	B. D. −10°5904.	9	19 9.19	− 0.31	+ 3.02	310 21 48.00	45.215	+ 9.66	−1 4.5	22 19 11.90	− 2.55	−10 40 5.6	−17.0
43	B. D. −17°6521.	9	21 28.20	− 0.32	+ 3.02	303 49 46.78	43.745	+ 9.66	−1 21.8	22 21 30.90	− 2.58	−17 12 57.7	−16.0
44	B. D. − 4°5683.	9	24 30.74	− 0.30	+ 3.02	316 21 47.55	45.380	+ 9.66	− 52.3	22 24 33.46	− 2.55	− 4 39 50.1	−17.9
45	B. D. − 3°5460.	9	26 26.67	− 0.30	+ 3.02	317 37 48.82	46.750	+ 9.66	− 50.0	22 26 29.39	− 2.55	− 3 23 15.3	−18.0
46	η Aquarii.	8	30 31.44	− 0.30	+ **3.03**	320 25 48.38	45.115	+ 9.66	− 45.4	22 30 34.16	....	− 0 35 48.5	....
47	ζ Pegasi.	9	36 46.32	− 0.30	+ **3.04**	331 21 48.48	45.957	+ 9.66	− 30.0	22 36 49.04	....	+10 20 46.2	....
48	Saturn I, C.	5	50 56.34	− 0.29	+ 3.02	311 25 48.20	49.960	+ 9.66	−1 2.2	22 50 59.07	+ 0.59	− 9 35 49.9	....
49	Saturn II.	5	50 57.51	− 0.29	+ 3.02	... .	....	....	. ....	22 51 0.24	− 0.58	.. ..	....
50	κ Piscium.	8	22 6.79	− 0.30	+ **2.99**	321 45 49.22	46.525	+ 9.30	− 43.3	23 22 9.51	....	+ 0 44 46.3	....
51	θ Piscium.	9	23 11.90	− 0.29	+ **3.02**	326 53 48.15	44.377	+ 9.30	− 35.8	23 23 14.63	....	+ 5 52 3.6	....
52	B. D. − 4°5917.	9	33 20.62	− 0.30	+ 3.02	316 45 49.22	43.613	+ 9.30	− 51.7	23 33 23.34	− 2.61	− 4 16 28.6	−17.5
53	B. D. − 8°6166.	9	35 57.58	− 0.30	+ 3.02	312 35 48.98	45.897	+ 9.30	− 59.8	23 36 0.30	− 2.60	− 8 25 44.7	−17.3
54	B. D. − 5°6041.	9	39 44.83	− 0.30	+ 3.02	315 29 47.65	46.475	+ 9.30	− 54.1	23 39 47.55	− 2.61	− 5 31 27.2	−17.4
55	B. D. + 3°4895.	9	42 56.47	− 0.29	+ 3.02	324 43 49.65	46.327	+ 9.30	− 38.9	23 42 59.20	− 2.66	+ 3 42 46.6	−17.5
56	B. D. + 2°4725.	6	47 9.05	− 0.30	+ 3.02	323 25 49.60	46.405	+ 9.30	− 40.8	23 47 11.77	− 2.65	+ 2 24 46.5	−17.4
57	B. D. − 0°4585.	9	49 57.87	− 0.30	+ 3.02	320 37 48.20	43.275	+ 9.30	− 45.2	23 50 0.59	− 2.63	− 0 24 30.9	−17.3
58	ω Piscium.	9	54 29.01	− 0.29	+ **3.02**	327 21 48.52	46.445	+ 9.30	− 35.3	23 54 31.74	....	+ 6 20 51.8	....
59	B. D. − 0°4603.	9	55 49.87	− 0.30	+ 3.02	320 43 48.08	45.365	+ 9.30	− 45.0	23 55 52.59	− 2.63	− 0 17 43.0	−17.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 14 39	29.825	86.3	80.0
20 10	29.815	76.1	74.8
20 31	......	....	74.4
20 58	29.81	75.0	73.5
21 26	......	....	73.2
21 49	29.81	74.5	73.5
22 13	......	....	73.8
22 38	29.81	74.3	73.3
22 55	......	....	73.3
23 20	29.81	73.8	73.0
23 44	......	....	72.1

Micrometer bisections are made at II, VI, except as noted below.

1, 48.	Bisections at I, II, VI, VII.
2, 33.	Bisections at VI, VII.
3, 13, 14, 27, 29, 46, 52, 57.	Bisections at II, VII.
8, 32, 50, 58.	Bisections at I, II.
21.	Bisection at VII.
48.	Z. D. threads C used.

Note.

14. Image poor and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 11.0	− 12.7	...	− 1.7
48	+ 0.7	.. ....	...	+ 0.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 1°4820.	9	57 57.76	− 0.30	+ 3.02	322 37 48.50	46.670	+ 9.30	− 42.0	23 58 0.48	− 2.64	+ 1 36 50.2	−17.1
2	B. D.+ 4°5089.	9	2 13.24	− 0.29	+ 3.02	325 47 48.30	44.785	+ 9.30	− 37.4	0 2 15.97	− 2.66	+ 4 46 11.5	−16.9
3	B. D.+ 4°8.	9	5 5.61	− 0.30	+ 3.02	325 19 49.32	46.495	+ 9.30	− 38.1	0 5 8.33	− 2.66	+ 4 18 50.9	−16.8
4	B. D.− 4°12.	9	9 12.37	− 0.30	+ 3.02	316 35 48.50	46.040	+ 9.30	− 52.1	0 9 15.09	− 2.60	− 4 25 34.3	−17.0
5	B. D.+ 1°28.	9	11 50.18	− 0.29	+ 3.02	322 21 48.98	44.383	+ 9.30	− 42.5	0 11 52.91	− 2.64	+ 1 19 57.9	−16.8
6	B. D.+ 4°32.	9	14 39.41	− 0.29	+ 3.02	326 15 48.12	45.907	+ 9.30	− 36.8	0 14 42.14	− 2.66	+ 5 14 37.6	−16.5
7	B. D.+ 1°52.	9	18 48.94	− 0.30	+ 3.02	323 15 49.58	43.382	+ 9.30	− 41.2	0 18 51.66	− 2.64	+ 2 13 37.0	−16.5
8	B. D.+ 3°46.	8	21 26.56	− 0.29	+ 3.02	324 19 49.20	45.930	+ 9.30	− 39.6	0 21 29.29	− 2.64	+ 3 18 36.4	−16.4
9	B. D.+ 9°47.	9	23 28.39	− 0.29	+ 3.02	330 41 49.32	46.025	+ 9.30	− 30.9	0 23 31.12	− 2.71	+ 9 40 47.4	−15.9
10	B. D.+ 8°64.	9	26 45.97	− 0.29	+ 3.02	329 39 48.80	46.182	+ 9.30	− 32.3	0 26 48.70	− 2.69	+ 8 38 49.0	−15.8
11	B. D.+ 0°77.	9	29 34.73	− 0.30	+ 3.02	321 31 48.92	42.830	+ 9.30	− 43.8	0 29 37.45	− 2.62	+ 0 29 21.1	−16.3
12	B. D.+ 4°80.	9	32 6.11	− 0.29	+ 3.02	325 55 48.32	44.222	+ 9.30	− 37.3	0 32 8.84	− 2.65	+ 4 53 58.8	−16.0
13	B. D.+ 0°96.	7	33 58.99	− 0.30	+ 3.02	321 27 48.88	44.935	+ 9.30	− 43.9	0 34 1.71	− 2.61	+ 0 26 9.0	−16.2
14	B. D.+ 3°93.	8	37 32.55	− 0.29	+ 3.02	324 41 49.75	42.752	+ 9.30	− 39.1	0 37 35.28	− 2.64	+ 3 39 24.8	−15.8
15	B. D.− 1°94.	9	40 56.01	− 0.30	+ 3.02	319 19 48.30	45.610	+ 9.30	− 47.4	0 40 58.73	− 2.59	− 1 41 39.6	−16.1
16	B. D.+ 9°90.	9	43 23.99	− 0.29	+ 3.02	330 45 49.35	46.690	+ 9.30	− 30.9	0 43 26.72	− 2.69	+ 9 45 2.6	−15.1
17	B. D.+ 2°118.	9	46 27.73	− 0.29	+ 3.02	323 53 48.42	46.482	+ 9.30	− 40.2	0 46 30.46	− 2.62	+ 2 52 47.6	−15.6
18	B. D.+ 7°124.	9	47 39.41	− 0.29	+ 3.02	329 11 48.72	42.918	+ 9.30	− 32.9	0 47 42.14	− 2.67	+ 8 9 33.8	−15.0
19	B. D.+11°118.	9	51 33.74	− 0.29	+ 3.02	333 13 48.95	45.230	+ 9.30	− 27.8	0 51 36.47	− 2.72	+12 12 31.9	−14.4
20	B. D.+ 6°131.	9	53 5.18	− 0.29	+ 3.02	328 7 47.48	45.365	+ 9.30	− 34.3	0 53 7.91	− 2.65	+ 7 6 27.0	−14.9
21	B. D.− 2°140.	9	55 52.34	− 0.30	+ 3.02	318 51 48.62	45.772	+ 9.30	− 48.2	0 55 55.06	− 2.56	− 2 9 36.4	−15.8
22	ε Piscium.	9	58 3.76	− 0.29	+ **3.00**	328 23 47.70	47.595	+ 9.30	− 33.9	0 58 6.49	. . . . .	+ 7 23 18.6	. . . .
23	72 Piscium.	9	0 7.57	− 0.30	+ 3.02	335 27 48.75	45.540	+ 9.30	− 25.2	1 0 10.29	− 2.74	+14 26 41.4	−13.7
24	B. D.+13°165.	9	1 38.84	− 0.30	+ 3.02	334 23 48.82	46.938	+ 9.30	− 26.4	1 1 41.56	− 2.72	+13 23 12.2	−13.8
25	B. D.+14°175.	9	5 12.30	− 0.30	+ 3.02	336 11 49.25	45.455	+ 9.30	− 24.3	1 5 15.02	− 2.74	+15 10 40.8	−13.4
26	B. D.+13°176.	9	6 47.76	− 0.30	+ 3.02	334 23 48.98	46.070	+ 9.30	− 26.4	1 6 50.48	− 2.71	+13 22 52.5	−13.5
27	B. D.+15°177.	9	9 7.96	− 0.30	+ 3.02	336 39 48.82	44.758	+ 9.30	− 23.8	1 9 10.68	− 2.74	+15 38 25.0	−13.1
28	B. D.+15°185.	8	12 28.57	− 0.30	+ 3.02	336 53 49.52	43.038	+ 9.30	− 23.6	1 12 31.29	− 2.74	+15 51 46.6	−12.9
29	B. D.+11°172.	9	16 59.77	− 0.29	+ 3.02	333 7 48.72	46.360	+ 9.30	− 28.0	1 17 2.50	− 2.68	+12 6 57.3	−13.2
30	B. D.+ 6°211.	9	18 1.70	− 0.29	+ 3.02	327 55 47.92	48.248	+ 9.30	− 34.6	1 18 4.43	− 2.61	+ 6 55 33.1	−13.9
31	B. D.+10°185.	9	22 3.42	− 0.29	+ 3.02	331 53 48.85	46.630	+ 9.30	− 29.5	1 22 6.15	− 2.65	+10 53 2.1	−13.1
32	B. D.+13°222.	9	24 52.97	− 0.30	+ 3.02	334 43 49.18	48.142	+ 9.30	− 26.0	1 24 55.69	− 2.69	+13 43 40.5	−12.5
33	B. D.+ 4°266.	8	27 59.81	− 0.30	+ 3.02	325 19 48.82	43.650	+ 9.30	− 38.2	1 28 2.53	− 2.56	+ 4 17 45.3	−13.9
34	B. D.+ 9°189.	9	30 35.21	− 0.29	+ 3.02	331 5 49.15	46.815	+ 9.30	− 30.5	1 30 37.94	− 2.63	+10 5 5.6	−12.8
35	π Piscium.	9	32 6.78	− 0.29	+ **2.98**	332 41 49.28	43.575	+ 9.30	− 28.5	1 32 9.51	. . . . .	+11 39 53.7	. . . .
36	ν Piscium.	9	36 32.05	− 0.29	+ **3.11**	326 1 48.70	46.805	+ 9.30	− 37.2	1 36 34.78	. . . . .	+ 5 0 58.3	. . . .
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37	47 H. Cephei.	9	53 41.08	− 1.17	+ 2.89	40 3 54.82	42.355	+ 9.38	+ 46.6	2 53 42.80	. . . . .	+79 2 46.5	. . . .
38	57 B. Ursæ Minoris s. P. . .	9	6 35.28	+ 5.01	+ 2.89	53 23 53.90	44.702	+ 9.34	+1 14.6	15 6 43.18	. . . . .	+87 35 52.0	. . . .
39	γ^2 Ursæ Minoris s. P.	9	20 45.59	+ 0.62	+ 2.89	68 47 54.00	45.790	+ 9.30	+2 22.3	15 20 49.10	. . . . .	+72 10 20.0	. . . .
40	ε Eridani.	9	28 29.46	− 0.30	+ **2.88**	311 15 49.05	44.462	+ 9.27	−1 3.0	3 28 32.05	. . . . .	− 9 46 20.7	. . . .
41	δ Persei.	9	36 14.34	− 0.37	+ 2.89	8 29 51.35	45.275	+ 9.25	+ 8.4	3 36 16.86	. . . . .	+47 29 11.5	. . . .
42	27 Tauri.	9	43 34.04	− 0.30	+ 2.89	344 47 50.15	43.360	+ 9.23	− 15.0	3 43 36.63	− 2.40	+23 46 3.1	− 1.7
43	γ Eridani.	9	53 37.84	− 0.31	+ **2.95**	307 15 48.10	45.025	+ 9.20	−1 12.7	3 53 40.42	. . . . .	−13 46 18.5	. . . .
44	ν Tauri.	9	58 8.62	− 0.28	+ **3.02**	326 45 48.70	43.875	+ 9.19	− 36.3	3 58 11.23	. . . . .	+ 5 43 52.1	. . . .
45	151 H^1. Cephei.	9	7 5.83	− 2.65	+ 2.89	46 17 54.68	45.525	+ 9.16	+ 58.2	4 7 6.07	. . . . .	+85 18 10.0	. . . .
46	δ Tauri.	9	17 30.20	− 0.29	+ **2.95**	338 21 49.55	42.002	+ 9.13	− 22.0	4 17 32.80	. . . . .	+17 19 24.4	. . . .
47	1 Camelopardalis.	9	24 35.47	− 0.41	+ 2.89	14 43 52.42	42.570	+ 9.11	+ 14.7	4 24 37.95	− 3.08	+53 42 16.7	+10.4
48	53 Eridani.	9	33 51.55	− 0.31	+ **2.85**	306 33 47.62	43.190	+ 9.08	−1 14.7	4 33 54.13	. . . . .	−14 29 3.1	. . . .
49	4 Camelopardalis	9	40 10.84	− 0.44	+ 2.89	17 35 52.75	45.020	+ 9.06	+. 17.7	4 40 13.29	. . . . .	+56 35 16.0	. . . .
50	π^3 Orionis.	9	44 43.38	− 0.28	+ **2.94**	327 49 48.78	44.010	+ 9.05	− 34.9	4 44 45.99	. . . . .	+ 6 47 56.5	. . . .
	September 21, Hl.												
51	Sun I, S.	9	50 46.23	− 0.26	+ 2.89	321 37 52.30	46.382	+ 8.78	− 42.7	11 50 48.86	+64.02	+ 0 36 45.9	. . . .
52	Sun II, N.	9	52 54.28	− 0.26	+ 2.89	322 9 51.25	46.148	+ 8.78	− 41.9	11 52 56.91	−64.03	+ 1 8 41.0	. . . .
53	Moon I.	9	43 47.57	− 0.32	+ 2.88	309 42	. . . . . .	. . . .	. . . . .	14 43 50.13	+69.06	.. ..	. . . .
54	δ Ursæ Minoris.	9	2 27.83	− 2.81	+ 2.89	47 35 54.75	48.400	+ 9.32	+ 59.6	18 2 27.91	. . . . .	+86 37 17.1	. . . .

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 0 6	29.81	73.0	71.8
0 28	. . . . . .	. . . .	71.2
0 49	29.81	72.2	71.0
1 14	. . . . . .	. . . .	70.7
1 37	29.81	71.6	70.9
2 38	29.82	71.9	71.8
3 15	. . . . . .	. . . .	70.8
3 32	. . . . . .	. . . .	69.9
3 41	. . . . . .	. . . .	69.8
3 48	29.83	70.8	69.7
4 20	. . . . . .	. . . .	68.8
4 31	. . . . . .	. . . .	68.9
4 53	29.85	69.7	68.9
21 11 53	29.90	84.2	83.9
17 47	29.88	82.6	81.6

Micrometer bisections are made at II, VI, except as noted below.

6, 8, 17. Bisections at II, VII.
12, 29, 51. Bisections at I, II.
37, 38, 54. Bisections at III, IV, V.
39. Bisections at III, V.
45. Bisections at IV, V.
52. Bisections at VI, VII.

Notes.

12. Micrometer reading increased 2 rev.
37–50. Conditions poor.
38. Unsteady.
39. Very poor image; unsteady.
42. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
51	+ 5.4	+15 57.5	. . .	+16 2.9
52	+ 5.3	−15 57.5	. . .	−15 52.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	51 H. Cephei s. p.	9	56 38.34	+ 3.08	+ 2.89	53 47 53.42	45.903	+ 9.32	+1 14.7	6 56 44.31	.....	+87 11 25.1	....
2	δ Aquilæ	9	20 44.82	− 0.30	+ **2.91**	323 57 50.25	44.093	+ 9.32	− 39.7	19 20 47.41	.....	+ 2 55 55.4	....
3	κ Aquilæ	9	31 49.45	− 0.30	+ **2.96**	313 47 48.62	45.228	+ 9.32	− 56.9	19 31 52.04	.....	− 7 13 57.5	....
4	15 Cygni	9	40 52.49	− 0.32	+ 2.89	358 7 52.08	48.032	+ 9.32	− 1.7	19 40 55.06	− 1.81	+37 8 5.1	−25.1
5	g Sagittarii	9	52 36.77	− 0.31	+ 2.89	305 17 47.45	45.338	+ 9.32	−1 17.1	19 52 39.35	− 2.14	−15 44 16.3	−12.3
6	c Sagittarii	9	56 52.63	− 0.34	+ 2.89	293 5 49.65	42.535	+ 9.32	−2 7.5	19 56 55.18	.....	−27 58 8.5	....
7	68 Draconis	7	10 2.46	− 0.44	+ 2.89	22 47 52.62	46.932	+ 9.32	+ 23.1	20 10 4.91	− 2.30	+61 48 5.4	−26.7
8	β Capricorni	9	15 43.55	− 0.30	+ **2.90**	305 57 47.08	44.690	+ 9.32	−1 15.3	20 15 46.14	.....	−15 4 29.7	....
9	π Capricorni	9	21 56.22	− 0.31	+ **2.90**	302 31 48.98	43.745	+ 9.32	−1 25.6	20 21 58.80	.....	−18 30 59.7	....
10	α Delphini	9	35 15.85	− 0.28	+ **2.96**	336 35 48.72	46.832	+ 9.32	− 23.7	20 35 18.46	.....	+15 35 12.4	....
11	ε Aquarii	9	42 35.00	− 0.29	+ **2.91**	311 11 48.32	45.010	+ 9.32	−1 2.4	20 42 37.60	.....	− 9 50 8.3	....
	September 21, P.												
12	o Aquarii	9	58 26.98	− 0.28	+ 2.99	318 25 48.58	44.170	+ 9.32	− 48.5	21 58 29.69	− 2.49	− 2 36 13.3	−18.1
13	ι Pegasi	9	2 38.04	− 0.28	+ **2.98**	345 53 50.50	47.225	+ 9.32	− 13.7	22 2 40.75	.....	+24 53 33.2	....
14	λ Piscis Australis	8	8 59.25	− 0.33	+ 2.99	292 49 47.78	43.702	+ 9.32	−2 9.2	22 9 1.91	− 2.65	−28 13 45.4	−13.7
15	32 Pegasi	9	16 58.91	− 0.28	+ 2.99	348 53 52.32	42.388	+ 9.32	− 10.7	22 17 1.62	− 2.71	+27 51 47.4	−21.1
16	226 B. Cephei	8	30 41.82	− 0.75	+ 2.99	36 45 51.85	42.922	+ 9.32	+ 41.1	22 30 44.06	.....	+75 44 50.8	....
17	λ Pegasi	9	42 0.22	− 0.27	+ **2.94**	344 5 51.20	44.802	+ 9.32	− 15.6	22 42 2.93	.....	+23 4 36.6	....
18	μ Pegasi	9	45 28.08	− 0.27	+ **2.91**	345 7 42.98	45.285	+ 9.32	− 14.5	22 45 30.79	.....	+24 6 40.5	....
19	12 Ceti	8	25 14.49	− 0.27	+ **2.89**	316 32	......	....	.....	0 25 17.20	.....	− 4 28	....
20	ε Andromedæ	9	33 35.47	− 0.28	+ **3.00**	349 47 49.82	49.142	+ 9.10	− 9.9	0 33 38.17	.....	+28 48 19.8	....
21	ν Andromedæ	8	44 38.33	− 0.31	+ 2.98	1 35 50.52	43.180	+ 9.10	+ 1.6	0 44 41.00	.....	+40 34 15.7	....
22	e Piscium	9	3 31.52	− 0.27	+ 2.98	326 9 48.35	48.032	+ 9.10	− 36.9	1 3 34.23	− 2.63	+ 5 9 26.1	−14.8
23	υ Piscium	9	14 18.18	− 0.29	+ **2.92**	347 47 50.00	44.212	+ 9.10	− 11.9	1 14 20.87	.....	+26 46 25.4	....
24	α Ursæ Minoris	8	26 36.26	− 8.96	+ 2.98	49 47 53.58	45.701	+ 9.10	+1 5.4	1 26 30.28	.....	+88 48 19.5	....
25	2 Persei	9	46 11.62	− 0.37	+ 2.98	11 19 51.88	46.785	+ 9.10	+ 11.1	1 46 14.23	− 3.81	+50 19 49.1	− 4.0
26	α Arietis	9	1 52.40	− 0.29	+ **3.02**	344 3 50.50	41.335	+ 9.10	− 15.7	2 1 55.09	.....	+23 1 16.3	....
27	γ Trianguli	9	11 43.71	− 0.31	+ 2.98	354 25 49.58	45.222	+ 9.10	− 5.3	2 11 46.38	.....	+33 24 54.6	....
28	τ⁶ Eridani	9	42 47.37	− 0.34	+ 2.98	297 31 48.32	43.678	+ 9.10	−1 45.2	3 42 50.01	.....	−23 31 21.7	....
29	γ Eridani	6	53 37.83	− 0.32	+ **2.99**	307 15 48.15	44.980	+ 9.10	−1 12.3	3 53 40.49	.....	−13 46 19.2	....
	September 22, P.												
30	Moon I	9	42 49.73	− 0.36	+ 2.98	305 30	......	....	.....	15 42 52.35	+70.21	.. ..	....
	September 24, Hl.												
31	Sun I, N	9	1 32.91	− 0.27	+ 2.81	320 59 53.48	45.930	+ 7.70	− 45.4	12 1 35.45	+64.07	− 0 1 27.1	.. .
32	Sun II, S	9	3 41.04	− 0.27	+ 2.81	320 27 51.12	46.222	+ 7.70	− 46 3	12 3 43.58	−64.06	− 0 33 23.0	....
33	Venus I, N	9	54 32.07	− 0.34	+ 2.80	300 43 50.85	43.150	+ 8.39	−1 33.7	14 54 34.53	+ 0.94	−20 19 20.4	....
34	Moon I, N	9	45 31.57	− 0.38	+ 2.80	300 35 49.00	44.559	+ 8.31	−1 35.1	17 45 33.99	+71.69	−20 26 51.6	....
35	δ Ursæ Minoris	9	2 25.78	− 2.92	+ 2.81	47 35 56.28	48.238	+ 8.31	+1 2.1	18 2 25.67	.....	+86 37 16.9	....
36	4 H. Scuti	9	37 6.82	− 0.34	+ **2.88**	311 53 52.22	44.332	+ 8.31	−1 3.1	18 37 9.29	.....	− 9 8 21.6	....
37	110 Herculis	9	41 35.81	− 0.30	+ **2.87**	341 27 52.55	47.852	+ 8.31	− 19.0	18 41 38.32	.....	+20 27 43.2	....
38	51 H. Cephei s. p.	9	56 41.28	+ 3.33	+ 2.81	53 47 55.15	45.742	+ 8.31	+1 17.7	6 56 47.42	.....	+87 11 25.2	....
39	ω Aquilæ	9	13 23.39	− 0.30	+ **2.88**	332 25 52.15	48.755	+ 8.31	− 29.6	19 13 25.90	.....	+11 25 52.9	....
40	δ Aquilæ	9	20 44.82	− 0.31	+ **2.86**	323 55 52.42	49.390	+ 8.31	− 41.3	19 20 47.32	.....	+ 2 55 56.0	....
	September 24, Ei.-Y.												
41	α² Capricorni	9	12 50.01	− 0.32	+ **2.90**	308 11 52.38	45.818	+ 8.50	−1 12.2	20 12 52.62	.....	−12 49 56.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 19 4	29.89	79.2	78.6
19 17	......	....	78.2
19 36	......	....	77.9
19 49	......	....	77.4
20 2	29.90	78.1	77.1
20 24	......	....	77.0
20 47	29.895	77.3	76.9
21 54	29.880	76.5	76.4
22 33	......	....	76.0
22 56	29.880	76.1	76.1
0 40	29.885	74.7	73.4
1 9	......	....	73.0
1 36	29.880	73.8	72.9
2 25	29.88	74.0	73.6
3 50	29.870	74.0	72.8
24 12 4	30.065	69.5	67.5
14 55	30.05	70.6	69.3
17 52	30.07	66.3	64.7
18 14	30.065	65.3	63.2
18 30	......	....	62.8
18 47	......	....	62.1
19 8	......	....	61.9
19 21	[illegible]	63.6	61.2
20 10	30.09	62.2	60.7

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at III, IV, V.
7, 16, 25. Bisections at III, V.
14, 18, 32. Bisections at VI, VII.
24. Bisections at b_3, b_5, b_7, b_9.
31. Bisections at I, II.
33. Bisections at I, II, VI, VII.
34. Bisections at II, III, IV, V, VI.
35. Bisections at b_4, b_5, b_6.
38. Bisections at IV, V.

Notes.

22. Faint.
24, 25. Hazy.
29. Poor seeing.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
31	+ 5.5	−15 58.0	...	−15 52.5
32	+ 5.5	+15 57.9	...	+16 3.4
33	+ 11.7	− 13.3	...	− 1.6
34	+50 46.2	−16 9.4	...	+34 36.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Capricorni	9	15 43.51	− 0.33	+ **2.93**	305 57 50.00	44.725	+ 8.48	−1 18.3	20 15 46.11	....	−15 4 29.8	....
2	C. P. D. −26°7009	8	22 23.04	− 0.37	+ 2.93	295 7 51.00	45.618	+ 8.43	−2 0.7	20 22 25.60	− 2.33	−25 54 50.8	−10.2
3	B. D. −18°5691	9	23 38.39	− 0.34	+ 2.93	302 51 51.00	44.210	+ 8.43	−1 27.9	20 23 40.98	− 2.25	−18 10 50.2	−12.6
4	B. D. −17°6007	9	25 59.87	− 0.34	+ 2.93	303 35 50.28	43.532	+ 8.41	−1 25.6	20 26 2.46	− 2.25	−17 27 4.1	−12.9
5	B. D. −18°5714	9	30 3.13	− 0.34	+ 2.93	302 55 51.42	45.315	+ 8.39	−1 27.7	20 30 5.72	− 2.27	−18 6 24.4	−12.8
6	C. P. D. −24°7037	9	32 31.00	− 0.37	+ 2.93	296 29 50.40	44.392	+ 8.38	−1 53.8	20 32 33.56	− 2.35	−24 33 12.6	−11.0
7	B. D. −16°5663	9	35 15.37	− 0.33	+ 2.93	304 35 50.98	42.755	+ 8.36	−1 22.5	20 35 17.97	− 2.27	−16 27 18.2	−13.5
8	B. D. −11°5408	8	39 29.08	− 0.31	+ 2.93	310 11 51.75	46.460	+ 8.33	−1 7.4	20 39 31.70	− 2.24	−10 49 37.7	−15.2
9	ε Aquarii	8	42 34.97	− 0.30	+ **2.92**	311 11 51.45	45.040	+ 8.32	−1 5.1	20 42 37.60	....	− 9 50 8.1	....
10	C. P. D. −25°7197	9	44 57.64	− 0.37	+ 2.93	295 43 49.55	43.575	+ 8.30	−1 57.8	20 45 0.20	− 2.40	−25 19 36.2	−11.2
11	B. D. −21°5852	9	46 56.15	− 0.35	+ 2.93	299 27 50.42	44.782	+ 8.29	−1 40.6	20 46 58.73	− 2.36	−21 34 50.6	−12.4
12	C. P. D. −24°7109	9	48 29.89	− 0.36	+ 2.93	296 25 50.28	42.478	+ 8.29	−1 54.3	20 48 32.46	− 2.40	−24 37 57.0	−11.6
13	7 Aquarii	9	51 48.97	− 0.30	+ 2.93	310 59 50.95	42.242	+ 8.26	−1 5.6	20 51 51.60	− 2.28	−10 3 13.1	−15.7
14	B. D. −19°5982	9	54 15.50	− 0.34	+ 2.93	301 39 50.85	41.955	+ 8.25	−1 32.3	20 54 18.09	− 2.36	−19 23 46.5	−13.2
15	B. D. −16°5769	9	57 20.41	− 0.32	+ 2.93	305 11 49.25	45.355	+ 8.23	−1 20.8	20 57 23.02	− 2.34	−15 50 18.9	−14.3
16	θ Capricorni	9	0 39.72	− 0.33	+ **2.87**	303 25 50.75	45.928	+ 8.21	−1 26.3	21 0 42.32	....	−17 36 9.8	....
17	B. D. −13°5857	9	3 6.13	− 0.31	+ 2 93	307 47 50 80	42.325	+ 8.19	−1 13.6	21 3 8.75	− 2.34	−13 15 19.5	−15.1
18	C. P. D. −23°7931	9	5 13.68	− 0.36	+ 2.93	297 21 50.08	44.025	+ 8.18	−1 49.9	21 5 16.25	− 2.44	−23 41 17.6	−12.4
19	B. D. −13°5881	9	8 59.32	− 0.31	+ 2.92	308 11 51.30	43.080	+ 8.16	−1 12.5	21 9 1.93	− 2.36	−12 51 0.6	−15.4
20	B. D. − 9°5700	9	11 14.82	− 0.30	+ 2.92	311 25 51.25	45.100	+ 8.15	−1 4.7	21 11 17.44	− 2.35	− 9 36 6.7	−16.2
21	B. D. −14°5997	9	14 38.59	− 0.31	+ 2.92	306 37 49.45	44.365	+ 8.12	−1 16.8	21 14 41.20	− 2.39	−14 24 37.5	−15.1
22	B. D. − 9°5728	9	17 53.77	− 0.30	+ 2.92	311 19 51.02	42.970	+ 8.10	−1 5.0	21 17 56.39	− 2.37	− 9 42 56.0	−16.3
23	B. D. −15°5983	9	21 16.27	− 0.32	+ 2.92	305 23 49.72	43.832	+ 8.08	−1 20.3	21 21 18.87	− 2.42	−15 38 52.9	−15.0
24	B. D. −12°5998	9	22 32.66	− 0.30	+ 2.92	308 57 51.00	45.275	+ 8.07	−1 10.6	21 22 35.28	− 2.40	−12 4 9.0	−15.8
25	B. D. −14°6047	9	25 31.31	− 0.31	+ 2.92	306 19 49.20	46.250	+ 8.06	−1 17.6	21 25 33.92	− 2.42	−14 41 55.5	−15.3
26	β Aquarii	9	26 36.47	− 0.28	+ **2.90**	315 1 50.92	48.198	+ 8.05	− 57.1	21 26 39.11	....	− 5 58 48.8	....
27	B. D. −20°6238	9	29 37.77	− 0.34	+ 2.92	300 23 51.62	41.738	+ 8.03	−1 37.3	21 29 40.35	− 2.48	−20 39 55.9	−14.0
28	ξ Aquarii	9	32 44.71	− 0.29	+ **2.95**	312 45 52.50	44.552	+ 8.02	−1 1.8	21 32 47.34	....	− 8 16 15.3	....
29	B. D. −14°6102	9	36 26.14	− 0.31	+ 2.92	306 33 50.20	46.590	+ 7.99	−1 17.0	21 36 28.75	− 2.45	−14 27 46.2	−15.6
30	B. D − 8°5719	9	38 26 17	− 0.29	+ 2.92	313 11 52.75	45.205	+ 7.98	−1 0.9	21 38 28.80	− 2.42	− 7 49 59.2	−17.1
31	λ Capricorni	9	41 28:44	− 0.30	+ 2.92	309 13 50.72	46.465	+ 7.96	−1 10.0	21 41 31.06	− 2.45	−11 47 41.6	−16.3
32	B. D. −13°6027	9	44 36.15	− 0.30	+ 2.92	307 51 50.85	47.372	+ 7.94	−1 13.5	21 44 38.77	− 2.46	−13 9 24.2	−16.0
33	B. D. −16°5961	8	47 25.13	− 0.31	+ 2.92	304 19 50.60	46.950	+ 7.93	−1 23.6	21 47 27.74	− 2.49	−16 41 44.2	−15.3
34	B. D. −15°6092	9	49 52.98	− 0.31	+ 2.92	305 19 49.82	46.565	+ 7.91	−1 20.6	21 49 55.59	− 2.49	−15 41 50.8	−15.6
35	B. D. −15°6103	9	52 40.46	− 0.31	+ 2.92	305 27 49.72	46.208	+ 7.90	−1 20.2	21 52 43.07	− 2.50	−15 33 58.7	−15.7
36	B. D. −16°5998	9	56 25.66	− 0.31	+ 2.92	304 57 50.02	47.272	+ 7.88	−1 21.7	21 56 28.27	− 2.51	−16 3 35.6	−15.6
37	B. D. −16°6012	9	59 4.93	− 0.31	+ 2.92	304 25 50.30	44.140	+ 7.85	−1 23.4	21 59 7.54	− 2.52	−16 36 48.6	−15.6
38	B. D. −11°5756	9	2 17.54	− 0.29	+ 2.92	310 7 50.55	45.430	+ 7.84	−1 7.9	22 2 20.17	− 2.50	−10 54 3.4	−16.8
39	B. D. − 9°5927	9	4 31.99	− 0.28	+ 2.92	311 45 50.30	46.985	+ 7.83	−1 4.1	22 4 34.63	− 2.50	− 9 15 24.3	−17.1
40	B. D. −11°5777	9	7 16.26	− 0 29	+ 2.92	309 29 51.32	46.968	+ 7.81	−1 9.4	22 7 18.89	− 2.51	−11 31 29.0	−16.7
41	B. D. −12°6209	9	8 24.83	− 0.29	+ 2.92	308 37 50.10	47.915	+ 7.80	−1 11.6	22 8 27.46	− 2.52	−12 23 10.8	−16.6
42	B. D. −15°6180	9	11 52.42	− 0.30	+ 2.92	305 53 49.40	48.052	+ 7.78	−1 19.0	22 11 55.04	− 2.53	−15 7 15.8	−16.1
43	B. D. −17°6491	8	14 28.54	− 0.31	+ 2.92	303 51 50.90	45.900	+ 7.76	−1 25.2	22 14 31.15	− 2.55	−17 10 9.7	−15.8
44	B. D. − 4°5663	8	17 44.82	− 0.27	+ 2.92	316 49 51.00	44.015	+ 7.75	− 53.8	22 17 47.47	− 2.52	− 4 12 21.3	−18.0
45	B. D. − 5°5790	9	21 12.79	− 0.27	+ 2.92	315 21 49.88	47.608	+ 7.73	− 56.6	22 21 15.44	− 2.52	− 5 39 3.1	−17.8
46	B. D. − 6°5996	9	22 57.09	− 0.27	+ 2.92	314 39 50.18	43.022	+ 7 72	− 58 0	22 22 59.74	− 2 53	− 6 22 49.0	−17.7
47	B. D. − 8°5888 (*pr.*)	5	25 36.00	− 0.28	+ 2.92	312 25 52.80	46.945	+ 7.71	−1 2.7	22 25 38.64	− 2.54	− 8 35 21.4	−17.4
48	B. D. − 8°5888 (*fol.*)	4	25 36.26	− 0.28	+ 2.92	312 25 52.80	46.615	+ 7.71	−1 2.7	22 25 38.90	− 2.54	− 8 35 29.0	−17.4
49	B. D. −15°6243	9	29 24.96	− 0.30	+ 2.92	305 25 50.72	46.280	+ 7.68	−1 20.5	22 29 27.58	− 2.56	−15 35 56.6	−16.3
50	η Aquarii	9	30 31.49	− 0.26	+ **2.92**	320 25 51.75	45.130	+ 7.68	− 47.4	22 30 34.15	....	− 0 35 48.8	....
51	κ Aquarii	9	32 53.23	− 0.27	+ 2.92	316 19 51.78	43.700	+ 7.66	− 54.8	22 32 55.88	− 2.55	− 4 42 28.8	−18.0
52	B. D. − 5°5843	9	37 12.52	− 0.27	+ 2.92	315 25 50.90	47.055	+ 7.64	− 56.5	22 37 15.17	− 2.56	− 5 35 14.7	−17.9
53	B. D. −15°6265	9	39 21.17	− 0.30	+ 2.92	305 51 49 72	46.395	+ 7.62	−1 19.2	22 39 23.79	− 2.58	−15 9 53.7	−16.5
54	B. D. −14°6346	9	42 43.37	− 0.30	+ 2.92	306 29 49.58	43.830	+ 7.61	−1 17.5	22 42 45.99	− 2.58	−14 32 50.8	−16.6
55	B. D. −13°6283	9	45 35.94	− 0.29	+ 2.92	307 51 51.10	43.135	+ 7.59	−1 13.8	22 45 38.57	− 2.58	−13 11 1.5	−16.8
56	λ Aquarii	9	47 42.62	− 0.27	+ **2.92**	312 57 52.60	43.940	+ 7.57	−1 1.6	22 47 45.27	....	− 8 4 29.4	....
57	Saturn I, C	5	49 53.42	− 0.28	+ 2.92	311 19 50.28	49.309	+ 7.56	−1 5.2	22 49 56.06	+ 0.61	− 9 42 7.8	....
58	Saturn II	5	49 54.64	− 0.28	+ 2.92	... .	......	....	.....	22 49 57.28	− 0.61	.. ..	....
59	ι Piscium	7	35 6.99	− 0.25	+ **2.86**	326 7 51.82	47.690	+ 7.27	− 38.5	23 35 9.66	....	+ 5 7 18.3	....
60	φ Pegasi	9	47 42.43	− 0.23	+ **2.90**	339 37 53.02	43.985	+ 7.18	− 21.3	23 47 45.12	....	+18 36 11.9	....
61	B. D. + 2°4728	8	49 30.48	− 0.25	+ 2.92	324 11 52.22	43.535	+ 7.17	− 41.5	23 49 33.15	− 2.67	+ 3 9 40.7	−17.6
62	27 Piscium	9	53 51.64	− 0.27	+ 2.92	316 57 51.62	44.015	+ 7.14	− 53.7	23 53 54.29	....	− 4 4 21.2	....
63	B. D. + 5°5245	9	55 5.38	− 0.24	+ 2.92	326 27 51.82	45.132	+ 7.13	− 38.1	23 55 8.06	− 2.69	+ 5 26 20.1	−17.5
64	B. D. + 8°5164	9	57 35.36	− 0.24	+ 2.92	329 27 50.82	44.925	+ 7.12	− 33.9	23 57 38.04	− 2.72	+ 8 26 18.5	−17.4

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
24 20 36	......	....	59.8	2, 23, 40, 49.	Bisections at I, II.	57	+ 0.7	.. ....	...	+ 0.7
21 6	30.106	60.9	59.0	35, 46, 50, 62, 64.	Bisections at II, VII.					
21 31	......	....	58.2	47.	Bisection at VI.					
22 0	30.12	59.5	57.7	48.	Bisection at VII.					
22 23	......	....	57.0	57.	Z. D. threads C used.					
22 51	30.12	58.5	56.5	57.	Bisections at I, II, VI, VII.					
23 33	30.125	57.8	56.1	63.	Bisections at VI, VII.					
23 59	......	....	55.6							

Note.

1–64. Images poor and very unsteady.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 0°4619	9	1 19.03	− 0.26	+ 2.92	320 37 51.75	45.145	+ 7.09	− 47.2	0 1 21.69	− 2.65	− 0 23 48.8	−17.3
2	B. D.− 3°5	9	3 54.11	− 0.26	+ 2.92	318 17 52.38	43.638	+ 7.07	− 51.3	0 3 56.77	− 2.64	− 2 44 26.7	−17.2
3	B. D.− 2°19	9	7 51.03	− 0.26	+ 2.92	319 17 51.85	42.870	+ 7.05	− 49.5	0 7 53.69	− 2.64	− 1 44 43.0	−17.1
4	B. D.+ 3°26	9	11 7.76	− 0.25	+ 2.92	324 45 51.92	44.462	+ 7.02	− 40.7	0 11 10.43	− 2.68	+ 3 44 2.2	−17.0
5	B. D.− 0°42	9	14 27.76	− 0.26	+ 2.92	321 1 52.60	45.160	+ 7.00	− 46.6	0 14 30.42	− 2.65	+ 0 0 12.9	−16.9
6	B. D.− 4°31	9	16 24.61	− 0.26	+ 2.92	317 11 52.25	45.405	+ 6.98	− 53.3	0 16 27.27	− 2.63	− 3 49 48.5	−16.9
7	B. D.+ 6°43	9	20 51.14	− 0.24	+ 2.92	328 11 52.02	45.645	+ 6.95	− 35.7	0 20 53.82	− 2.71	+ 7 10 34.2	−16.6
8	B. D.− 5°64	9	22 17.69	− 0.27	+ 2.92	315 29 51.22	47.368	+ 6.95	− 56.6	0 22 20.34	− 2.62	− 5 31 8.1	−16.8
9	12 Ceti	9	25 14.43	− 0.27	+ **2.98**	316 33 51.70	44.192	+ 6.92	− 54.5	0 25 17.08	....	− 4 28 18.1	....
10	B. D.+ 9°62	9	29 18.51	− 0.24	+ 2.92	330 47 52.75	47.588	+ 6.90	− 32.2	0 29 21.19	− 2.74	+ 9 47 22.8	−16.1
11	B. D.− 1°68	9	30 43.32	− 0.26	+ 2.92	319 59 52.50	47.232	+ 6.89	− 48.3	0 30 45.98	− 2.64	− 1 1 1.6	−16.5
12	B. D.+ 1°105	8	33 1.02	− 0.25	+ 2.92	322 53 51.85	46.905	+ 6.87	− 43.6	0 33 3.69	− 2.66	+ 1 52 54.9	−16.4
13	B. D.− 5°101	9	35 55.19	− 0.27	+ 2.92	316 9 51.85	45.598	+ 6.85	− 55.3	0 35 57.84	− 2.61	− 4 51 46.7	−16.5
14	B. D.+ 5°96	8	38 40.04	− 0.24	+ 2.92	326 39 51.35	45.992	+ 6.83	− 37.9	0 38 42.72	− 2.69	+ 5 38 39.2	−16.0
15	B. D.+ 8°110	9	43 18.14	− 0.24	+ 2.91	329 43 52.88	46.168	+ 6.80	− 33.6	0 43 20.81	− 2.72	+ 8 42 49.0	−15.6
16	B. D.− 1°104	9	45 6.08	− 0.26	+ 2.91	320 17 51.80	44.960	+ 6.78	− 47.8	0 45 8.73	− 2.63	− 0 43 53.9	−16.1
17	B. D.+ 9°99 (*south*)	9	47 13.58	− 0.24	+ 2.91	331 7 52.40	43.135	+ 6.77	− 31.8	0 47 16.25	− 2.74	+10 5 40.9	−15.3
18	B. D.+ 5°120	9	49 6.47	− 0.24	+ 2.91	326 19 51.32	44.838	+ 6.76	− 38.4	0 49 9.14	− 2.68	+ 5 18 12.2	−15.6
19	B. D.+11°120	9	52 26.38	− 0.23	+ 2.91	332 55 52.12	47.995	+ 6.73	− 29.4	0 52 29.06	− 2.76	+11 55 34.1	−14.9
20	B. D.+13°143	9	54 47.45	− 0.23	+ 2.91	335 7 52.45	44.812	+ 6.72	− 26.7	0 54 50.13	− 2.78	+14 6 24.4	−14.6
21	B. D.+ 7°151	9	57 13.49	− 0.24	+ 2.91	328 27 51.48	44.920	+ 6.70	− 35.4	0 57 16.16	− 2.70	+ 7 26 17.2	−15.1
22	B. D.− 0°163	9	59 28.44	− 0.26	+ 2.91	321 7 52.28	47.078	+ 6.68	− 46.4	0 59 31.09	− 2.62	+ 0 6 56.3	−15.6
23	B. D.+15°159	9	1 23.72	− 0.22	+ 2.91	336 49 53.25	46.010	+ 6.67	− 24.6	1 1 26.41	− 2.81	+15 48 54.6	−14.0
24	B. D.+ 1°212	9	3 8.74	− 0.25	+ 2.91	322 31 52.12	45.545	+ 6.66	− 44.2	1 3 11.40	− 2.63	+ 1 30 23.3	−15.4
25	B. D +13°175	9	6 17.99	− 0 23	+ 2.91	335 13 53.32	43.162	+ 6.64	− 26.6	1 6 20.67	− 2.78	+14 11 47.6	−13.9
26	B. D.+15°175	9	7 50.13	− 0.22	+ 2.91	337 17 53.82	44.000	+ 6.63	− 24.1	1 7 52.82	− 2.81	+16 16 9.7	−13.6
27	B. D.+16°129	9	11 10.39	− 0.22	+ 2.91	338 9 53.00	44.980	+ 6.60	− 23.1	1 11 13.08	− 2.82	+17 8 32.2	−13.3
28	B. D.+11°167	9	14 45.09	− 0.23	+ 2.91	332 39 52.15	47.470	+ 6.58	− 29.8	1 14 47.77	− 2.73	+11 39 21.6	−13.8
29	B. D.+ 0°223	9	17 46.47	− 0.25	+ 2.91	322 15 52.38	45.622	+ 6.55	− 44.6	1 17 49.13	− 2.60	+ 1 14 24.8	−14.9
30	B. D.+ 2°207	9	20 49.37	− 0.25	+ 2.91	323 29 53.40	47.680	+ 6.54	− 42.6	1 20 52.03	− 2.61	+ 2 29 14.8	−14.6
31	B. D.+ 6°228	9	24 8.59	− 0.24	+ 2.91	327 49 51.10	46.282	+ 6.51	− 36.2	1 24 11.26	− 2.65	+ 6 48 46.9	−14.0
32	B. D.+10°197	8	26 44.56	− 0.23	+ 2.91	331 25 52.82	45.330	+ 6.49	− 31.4	1 26 47.24	− 2.70	+10 24 31.7	−13.4
33	B. D.+17°224	9	29 43.93	− 0.22	+ 2.91	338 59 53.10	46.308	+ 6.47	− 22.1	1 29 46.62	− 2.81	+17 59 3.6	−12.1
34	B. D.+ 3°218	9	31 24.32	− 0.25	+ 2.91	324 51 52.88	45.108	+ 6.46	− 40.6	1 31 26.98	− 2.61	+ 3 50 17.4	−14.0
35	B. D.+15°244	9	34 11.24	− 0.22	+ 2.91	337 9 52.42	46.618	+ 6.44	− 24.3	1 34 13.93	− 2.77	+16 9 7.7	−12.1
36	B. D.+ 3°230	9	37 3.05	− 0.25	+ 2.91	325 13 51.62	44.682	+ 6.43	− 40.0	1 37 5.71	− 2.60	+ 4 12 7.0	−13.8
37	ο Piscium	9	40 25.71	− 0.24	+ **2.91**	329 41 53.48	47.488	+ 6.40	− 33.7	1 40 28.38	....	+ 8 41 19.3	....
38	B. D.+16°204	9	43 15 29	− 0.22	+ 2.91	337 33 52.90	47.230	+ 6.38	− 23.8	1 43 17.98	− 2.76	+16 33 22.6	−11.5
39	B. D.+ 8°284	9	46 34.29	− 0.24	+ 2.91	329 51 52.95	45.180	+ 6.35	− 33.5	1 46 36.96	− 2.64	+ 8 50 26.1	−12.6
40	ξ Piscium	9	48 41.17	− 0.25	+ **2.94**	323 45 52.60	43.570	+ 6.34	− 42.3	1 48 43.83	....	+ 2 43 40.2	....
	September 24, P.												
41	γ Persei	8	58 0.22	− 0.21	+ 2.89	14 9 53.68	42.688	+ 6.48	+ 14.7	2 58 2.90	....	+53 8 18.2	....
42	57 B. Ursæ Minoris s. P.	7	6 35.74	+ 2.06	+ 2.89	53 23 54.12	44.718	+ 6.44	+1 18.1	15 6 40.69	....	+87 35 51.2	....
43	γ² Ursæ Minoris s. P.	9	20 45.62	+ 0.26	+ 2.89	68 47 53.32	45.715	+ 6.36	+2 28.9	15 20 48.77	....	+72 10 18.8	....
44	ε Eridani	9	28 29.64	− 0.29	+ **2.78**	311 15 51.25	44.665	+ 6.32	−1 5.9	3 28 32.24	....	− 9 46 19.7	....
45	13 H¹. Camelopardalis	9	37 9.01	− 0.26	+ 2.89	27 55 56.72	41.952	+ 6.27	+ 30.8	3 37 11.64	− 4.98	+66 54 20.0	+ 9.5
46	γ Eridani	9	53 37.98	− 0.30	+ **2.90**	307 15 49.82	45.225	+ 6.18	−1 16.1	3 53 40.57	....	−13 46 18.7	....
47	ν Tauri	9	58 8.87	− 0.24	+ **2.83**	326 45 51.75	43.985	+ 6.16	− 38.0	3 58 11.52	....	+ 5 43 52.9	....
48	151 H¹. Cephei	8	7 6.00	− 1.09	+ 2.88	46 17 55.55	45.577	+ 6.11	+1 0.9	4 7 7.79	....	+85 18 11.8	....
49	η Ursæ Minoris s. P.	7	20 7.44	+ 0.35	+ 2.88	64 59 54.38	45.980	+ 6.04	+2 4.6	16 20 10.67	....	+75 58 36.3	....
50	A Draconis s. P.	9	28 4.75	+ 0.24	+ 2.88	71 59 56.42	43.560	+ 6.00	+2 57.9	16 28 7.87	....	+68 58 36.3	....
51	53 Eridani	9	33 51.74	− 0.30	+ **2.76**	306 33 50.05	43.400	+ 5.97	−1 18.2	4 33 54.32	....	−14 29 2.5	....
52	4 Camelopardalis	9	40 10.88	− 0.20	+ 2.88	17 35 54.62	45.065	+ 5.94	+ 18.6	4 40 13.56	....	+56 35 16.7	....
53	π³ Orionis	9	44 43.52	− 0.23	+ **2.86**	327 49 51.52	44.140	+ 5.91	− 36.6	4 44 46.17	....	+ 6 47 57.4	....
54	ε Ursæ Minoris s. P.	9	55 24.26	+ 0.65	+ 2.88	58 47 55.12	43.805	+ 5.85	+1 36.2	16 55 27.79	....	+82 11 53.7	....
55	β Eridani	9	3 12.77	− 0.26	+ **2.90**	315 49 51.52	44.282	+ 5.81	− 56.5	5 3 15.39	....	− 5 12 19.3	....
56	β Orionis	9	10 0.18	− 0.27	+ **2.94**	312 41 50.48	49.588	+ 5.78	−1 2.9	5 10 2.79	....	− 8 18 25.5	....
57	τ Orionis	9	13 1 55	− 0 27	+ **2.88**	314 3 52.55	48.978	+ 5.76	−1 0.0	5 13 4.16	....	− 6 56 34.5	....
58	δ Orionis	9	27 11.22	− 0.24	+ **2.89**	320 39 52.10	44.728	+ 5.68	− 47.7	5 27 13.86	....	− 0 21 59.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 0 17	30.13	56.9	55.1
0 41	......	....	55.0
1 9	30.14	56.2	54.8
1 28	......	....	54.8
1 50	30.14	56.0	54.7
3 12	30.15	55.4	53.6
3 44	......	....	52.5
4 15	30.15	54.0	51.8
4 36	30.155	53.5	51.1
5 23	30.17	53.0	51.0

Micrometer bisections are made at II, VI, except as noted below.

4, 5, 6, 8, 11, 16, 20, 28, 31, 40.	Bisections at II, VII.
7, 10.	Bisections at I, II.
17, 58.	Bisections at VI, VII.
41.	Bisections at IV, V.
42, 49.	Bisections at b_1, b_3, b_5, b_7.
43.	Bisections at III, IV, V.
48.	Bisections at b_1, b_2, b_3, b_4, b_5.
50, 54.	Bisections at b_1, b_3, b_5, b_7, b_9.
52.	Bisections at V, VI.
55.	Bisections at II, VI, VII.

Notes.

1–40. Somewhat unsteady.
17. Close double; south star observed.
52. Micrometer reading decreased 1 rev.
53. Circle reading increased 1° 22′.
56. Micrometer reading increased 5 rev.
57. Micrometer reading increased 6 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ι Orionis	9	30 48.96	− 0.26	+ **2.94**	315 3 51.30	44.830	+ 5.67	− 58.0	5 30 51.58	.....	− 5 58 8.6	....
	September 25, P.												
2	Venus I, N.	9	58 16.68	− 0.42	+ 2.87	300 21 51.60	45.632	+ 6.38	−1 35.5	14 58 19.13	+ 0.96	−20 40 26.7	....
3	Moon I, S.	8	47 44.43	− 0.43	+ 2.87	299 27 51.80	43.800	+ 6.60	−1 40.2	18 47 46.87	+71.48	−21 35 12.9	....
4	ε Aquilæ	9	55 20.44	− 0.29	+ **2.75**	335 57 51.35	45.840	+ 6.56	− 25.3	18 55 23.02	.....	+14 56 48.0	....
5	τ Sagittarii	9	1 3.96	− 0.45	+ 2.86	293 13 51.92	47.362	+ 6.54	−2 11.5	19 1 6.37	− 1.99	−27 48 22.8	− 6.2
6	55 Draconis	9	9 23.38	− 0.36	+ 2.86	26 49 54.12	45.880	+ 6.50	+ 28.9	19 9 25.88	− 1.13	+65 49 45.5	−27.7
7	κ Cygni	9	14 54.68	− 0.30	+ 2.86	14 13 54.95	42.288	+ 6.47	+ 14.5	19 14 57.24	.....	+53 12 10.1	....
8	b Aquilæ	9	20 28.44	− 0.29	+ 2.86	332 45 53.55	46.320	+ 6.45	− 29.3	19 20 31.01	.....	+11 44 57.1	....
9	e Aquilæ	9	25 44.14	− 0.33	+ 2.86	318 1 52.48	47.915	+ 6.43	− 51.2	19 25 46.67	− 1.84	− 2 58 49.4	−15.5
10	μ Aquilæ	9	29 29.04	− 0.30	+ **2.95**	328 11 52.62	46.970	+ 6.41	− 35.3	19 29 31.60	.....	+ 7 11 5.0	....
11	σ Aquilæ	9	34 32.51	− 0.31	+ 2.86	326 12	......	....	. ....	19 34 35.06	− 1.83	+ 5 11	....
12	δ Sagittæ	9	43 10.94	− 0.28	+ **2.96**	339 19 51.18	44.895	+ 6.35	− 21.5	19 43 13.52	.....	+18 18 29.8	....
13	ε Draconis	9	48 29.12	− 0.42	+ 2.86	31 1 54.18	46.815	+ 6.33	+ 34.5	19 48 31.56	.....	+70 2 12.7	....
14	ψ Cygni	9	53 11.24	− 0.29	+ 2.86	13 11 54.30	46.768	+ 6.30	+ 13.5	19 53 13.81	.....	+52 11 50.5	....
15	τ Aquilæ	9	59 32.25	− 0.30	+ **2.91**	328 1 50.75	47.053	+ 6.27	− 35.6	19 59 34.81	.....	+ 7 1 4.6	....
	September 25, Ei.-Y.												
16	θ Capricorni	9	0 39.77	− 0.38	+ **2.87**	303 25 50.68	46.052	+ 6.30	−1 26.5	21 0 42.27	.....	−17 36 9.2	....
17	B. D. −14°5936 (*pr.*)	9	1 56.95	− 0.36	+ 2.88	306 45 50.55	41.560	+ 6.30	−1 16.6	21 1 59.47	− 2.34	−14 17 42.1	−14.8
18	ν Aquarii	9	4 28.33	− 0.35	+ **2.85**	309 17 51.08	43.392	+ 6.30	−1 9.8	21 4 30.86	.....	−11 44 52.9	....
19	B. D. −15°5908	9	6 29.69	− 0.36	+ 2.88	306 11 49.62	43.045	+ 6.30	−1 18.1	21 6 32.21	− 2.36	−14 51 10.6	−14.8
20	B. D. −16°5827	9	10 21.50	− 0.37	+ 2.88	304 33 51.05	44.610	+ 6.30	−1 22.9	21 10 24.01	− 2.38	−16 28 38.2	−14.4
21	B. D. −20°6178	9	13 6.39	− 0.40	+ 2.88	300 19 50.00	42.925	+ 6.30	−1 37.7	21 13 8.87	− 2.42	−20 43 32.5	−13.4
22	B. D. −20°6192	9	16 5.07	− 0.39	+ 2.88	301 7 49.02	43.215	+ 6.30	−1 34.6	21 16 7.56	− 2.42	−19 55 23.7	−13.7
23	ι Capricorni	8	17 0.82	− 0.37	+ **2.84**	303 47 50.18	46.805	+ 6.30	−1 25.4	21 17 3.33	.....	−17 13 51.4	....
24	B. D. −11°5598	9	21 21.94	− 0.35	+ 2.88	309 41 51.32	47.918	+ 6.30	−1 8.9	21 21 24.47	− 2.38	−11 19 8.3	−16.0
25	b Capricorni	9	23 21.95	− 0 41	+ 2.88	298 49 49.70	45.205	+ 6.30	−1 43.7	21 23 24.42	− 2.47	−22 12 46.7	−13.3
26	B. D. −10°5696	8	26 32.57	− 0.34	+ 2.88	310 53 50.85	42.795	+ 6.30	−1 6.1	21 26 35.11	− 2.39	−10 9 3.1	−15.4
27	B. D. −19°6131	9	31 8.22	− 0.39	+ 2.88	302 13 49.72	45.370	+ 6.30	−1 30.7	21 31 10.71	− 2.46	−18 48 29.9	−14.4
28	B. D. −22°5735	9	33 50.01	− 0.40	+ 2.88	298 55 50.95	41.850	+ 6.30	−1 43.4	21 33 52.49	− 2.49	−22 8 1.8	−13.7
29	γ Capricorni	9	34 53.06	− 0.37	+ **2.88**	303 57 50.12	43.830	+ 6.30	−1 24.9	21 34 55.57	.....	−17 4 58.9	....
30	κ Capricorni	9	37 24.67	− 0.39	+ 2.88	301 45 49.45	42.968	+ 6.30	−1 32.4	21 37 27.16	− 2.48	−19 17 26.8	−14.4
31	B. D. −16°5933	9	39 9.11	− 0.37	+ 2.88	304 37 49.52	46.788	+ 6.30	−1 22.8	21 39 11.62	− 2.46	−16 23 49.8	−15.2
32	δ Capricorni	9	41 51.26	− 0.37	+ **2.86**	304 29 49.92	43.748	+ 6.30	−1 23.3	21 41 53.77	.....	−16 32 59.4	....
33	B. D. −12°6104	8	45 8.51	− 0.35	+ 2.88	309 15 50.88	44.165	+ 6.30	−1 10.1	21 45 11.04	− 2.45	−11 46 35.7	−16.3
34	B. D. −11°5690	9	47 58.96	− 0.34	+ 2.88	310 1 50.92	45.840	+ 6.30	−1 8.2	21 48 1.50	− 2.45	−10 59 55.5	−16.5
35	B. D. − 7°5669	9	51 16.40	− 0.33	+ 2.87	313 37 50.18	42.020	+ 6.30	−1 0.2	21 51 18.94	− 2.45	− 7 25 15.5	−17.3
36	B. D. − 6°5878	9	53 17.62	− 0.32	+ 2.87	315 9 49.68	45.370	+ 6.30	− 57.0	21 53 20.17	− 2.45	− 5 51 56.3	−17.7
37	B. D. −18°6056	9	57 1.51	− 0.38	+ 2.87	302 41 50.20	43.898	+ 6.30	−1 29.2	21 57 4.00	− 2.52	−18 21 1.6	−15.1
38	B. D. − 5°5697	8	59 40.50	− 0.32	+ 2.87	315 43 50.85	46.558	+ 6.30	− 55.9	21 59 43.05	− 2.47	− 5 17 26.9	−17.8
39	B. D. −18°6075	9	3 5.78	− 0.38	+ 2.87	302 45 50.12	43.135	+ 6.30	−1 29.0	22 3 8.27	− 2.53	−18 17 18.9	−15.3
40	B. D. −15°6152	6	4 43.56	− 0.37	+ 2.87	305 27 49.28	44.292	+ 6.30	−1 20.4	22 4 46.06	− 2.52	−15 34 44.7	−15.9
41	B. D. −18°6084	8	7 25.33	− 0.38	+ 2.87	302 33 50.12	43.415	+ 6.30	−1 29.7	22 7 27.82	− 2.54	−18 29 13.2	−15.3
42	B. D. −19°6249	8	9 11.33	− 0.39	+ 2.87	301 19 49.82	45.348	+ 6.30	−1 34.0	22 9 13.81	− 2.55	−19 42 33.6	−15.1
43	B. D. − 9°5948	9	11 54.84	− 0.34	+ 2.87	311 31 50.40	44.948	+ 6.30	−1 4.8	22 11 57.37	− 2.51	− 9 30 13.0	−17.1
44	B. D. −12°6243	9	15 15.11	− 0.35	+ 2.87	308 21 50.68	42.385	+ 6.30	−1 12.5	22 15 17.63	− 2.52	−12 41 19.0	−16.6
45	B. D. − 7°5765	9	18 36.39	− 0.33	+ 2.87	313 21 51.15	45.618	+ 6.30	−1 0.8	22 18 38.93	− 2.52	− 7 39 53.0	−17.5
46	B. D. −17°6520	9	21 28.06	− 0.37	+ 2.87	303 49 49.30	44.190	+ 6.30	−1 25.5	22 21 30.56	− 2.55	−17 12 52.1	−15.9
47	B. D. − 7°5797	9	26 22.57	− 0.33	+ 2.87	313 59 51.15	45.860	+ 6.30	− 59.5	22 26 25.11	− 2.53	− 7 1 46.1	−17.6
48	B. D. −18°6154	9	30 45.32	− 0.38	+ 2.87	303 5 49.88	45.350	+ 6.30	−1 27.9	22 30 47.81	− 2.57	−17 56 27.4	−15.9
49	B. D. −14°6320	9	33 33.98	− 0.36	+ 2.87	306 29 49.15	43.335	+ 6.30	−1 17.6	22 33 36.49	− 2.56	−14 33 3.9	−16.5
50	B. D. −10°5975	9	38 4.59	− 0.34	+ 2.87	310 25 50.00	47.195	+ 6.30	−1 7.4	22 38 7.12	− 2.56	−10 35 24.7	−17.2
51	B. D. −12°6342	9	41 9.83	− 0.35	+ 2.87	308 59 50.70	46.550	+ 6.30	−1 10.9	22 41 12.35	− 2.56	−12 1 42.2	−17.0
52	B. D. − 6°6074	9	43 24.73	− 0.33	+ 2.87	314 45 49.85	46.532	+ 6.30	− 57.9	22 43 27.27	− 2.56	− 6 15 30.5	−17.8
53	B. D. −10°6002	8	46 16.95	− 0.34	+ 2.87	311 11 50.22	48.002	+ 6.30	−1 5.6	22 46 19.48	− 2.57	− 9 49 4.2	−17.3
54	B. D. − 1°4355	9	49 28.27	− 0.31	+ 2.87	319 29 51.15	43.245	+ 6.30	− 49.1	22 49 30.83	− 2.58	− 1 32 35.5	−18.4
55	B. D. − 4°5793	9	52 15.63	− 0.32	+ 2.87	317 17 51.20	43.520	+ 6.30	− 53.1	22 52 18.18	− 2.58	− 3 44 33.2	−18.1
56	B. D. −13°6318	9	54 38.82	− 0.36	+ 2.87	307 27 49.92	45.470	+ 6.30	−1 14.9	22 54 41.33	− 2.59	−13 34 11.6	−16.8
57	B. D. − 3°5553	9	57 4.86	− 0.32	+ 2.87	317 51 51.28	41.935	+ 6.30	− 52.0	22 57 7.41	− 2.59	− 3 11 8.2	−18.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 5 42	30.18	52.5	50.8
25 15 0	30.22	70.0	60.1
18 40	30.195	64.9	63.3
19 33	......	....	61.7
20 3	30.20	62.1	60.9
20 58	[illegible]	60.8	59.5
21 19	......	....	59.0
21 43	30.20	59.7	58.5
22 6	......	....	58.1
22 27	30.20	[illegible]	57.4
22 53	......	....	57.1

Micrometer bisections are made at II, VI, except as noted below.

2. Bisections at I, II, VI, VII.
3. Bisections at II, III, IV, V, VI.
6, 7. Bisections at III, V.
8, 34. Bisections at VI, VII.
13. Bisections at IV, V.
15. Bisections at II, VI, VII.
16, 22, 28. Bisections at I, II.
20, 21, 24, 35, 36, 40, 42. Bisections at II, VII.

Notes.

10. Micrometer reading decreased 1 rev.
15. Clouds.
16–33. Conditions poor.
22, 23. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
2	+ 11.9	− 13.5	...	− 1.6
3	+51 1.7	+16 3.1	...	+67 4.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 8°6018	9	0 15.79	− 0.34	+ 2.87	312 49 50.55	46.045	+ 6.30	−1 2.0	23 0 18.32	− 2.59	− 8 11 45.0	−17.6
2	B. D.− 9°6123	9	2 23.38	− 0.34	+ 2.87	311 43 50.55	42.750	+ 6.30	−1 4.4	23 2 25.91	− 2.59	− 9 19 2.7	−17.4
3	B. D.− 4°5833	9	4 45.96	− 0.32	+ 2.87	316 33 50.28	45.102	+ 6.30	− 54.4	23 4 48.51	− 2.60	− 4 27 59.2	−17.9
4	B. D.−10°6082	9	8 4.82	− 0.34	+ 2.87	310 57 50.02	44.042	+ 6.30	−1 6.2	23 8 7.35	− 2.60	−10 4 35.5	−17.3
5	φ Aquarii	9	9 27.34	− 0.33	+ **2.87**	314 27 49.68	47.770	+ 6.30	− 58.5	23 9 29.88	....	− 6 33 2.9	....
6	γ Piscium	9	12 17.68	− 0.30	+ **2.84**	323 47 50.25	45.665	+ 6.30	− 42.1	23 12 20.25	....	+ 2 46 25.9	....
7	α Andromedæ	7	3 32.05	− 0.25	+ **2.86**	349 35 52.62	44.592	+ 6.26	− 10.5	0 3 34.67	....	+28 34 35.2	....
8	γ Pegasi	9	8 23.85	− 0.26	+ **2.88**	335 41 52.08	43.682	+ 6.26	− 26.0	0 8 26.46	....	+14 39 58.4	....
9	B. D.+ 8°24 (*pr.*)	5	12 33.72	− 0.28	+ 2.87	329 21 50.78	47.820	+ 6.26	− 34.1	0 12 36.31	− 2.73	+ 8 21 23.6	−16.9
10	B. D.+ 8°24 (*fol.*)	5	12 34.08	− 0.28	+ 2.87	329 21 50.78	47.942	+ 6.26	− 34.1	0 12 36.67	− 2.73	+ 8 21 26.4	−16.9
11	B. D.+ 2°37	9	15 20.16	− 0.29	+ 2.87	323 31 51.05	47.212	+ 6.26	− 42.5	0 15 22.74	− 2.68	+ 2 31 1.6	−17.0
12	B. D.− 1°41	9	18 51.75	− 0.30	+ 2.87	319 57 51.50	46.240	+ 6.26	− 48.4	0 18 54.32	− 2.65	− 1 3 26.1	−16.9
13	B. D.+ 5°52	9	21 28.42	− 0.28	+ 2.87	326 35 50.25	46.310	+ 6.26	− 38.0	0 21 31.01	− 2.70	+ 5 34 44.7	−16.7
14	B. D.− 3°57	9	24 50.45	− 0.31	+ 2.87	317 39 52.55	46.880	+ 6.26	− 52.4	0 24 53.01	− 2.63	− 3 21 14.4	−16.8
15	B. D.+ 0°70	7	27 7.12	− 0.30	+ 2.87	322 1 50.85	44.030	+ 6.26	− 44.9	0 27 9.69	− 2.66	+ 0 59 46.3	−16.7
16	B. D.− 5°83 (*mean*)	9	29 41.91	− 0.32	+ 2.87	315 57 50.15	46.128	+ 6.26	− 55.6	0 29 44.46	− 2.62	− 5 3 37.1	−16.7
17	B. D.− 4°64	9	32 9.15	− 0.31	+ 2.87	317 5 50.88	48.290	+ 6.26	− 53.5	0 32 11.71	− 2.62	− 3 54 44.9	−16.6
18	B. D.+ 7°86	9	34 6.13	− 0.28	+ 2.87	328 25 50.18	44.843	+ 6.26	− 35.4	0 34 8.72	− 2.72	+ 7 24 13.7	−16.2
19	B. D.− 1°87	8	37 48.44	− 0.30	+ 2.87	320 9 51.00	46.520	+ 6.26	− 48.0	0 37 51.01	− 2.64	− 0 51 19.7	−16.4
20	B. D.+11°96	8	42 7.36	− 0.27	+ 2.86	332 29 51.20	43.852	+ 6.26	− 30.0	0 42 9.95	− 2.76	+11 27 57.4	−15.6
21	B. D.+ 6°105	9	43 24.85	− 0.28	+ 2.86	327 47 49.65	48.200	+ 6.26	− 36.2	0 43 27.43	− 2.71	+ 6 47 29.1	−15.8
22	B. D.+ 0°130	9	46 36.61	− 0.30	+ 2.86	321 25 51.48	45.330	+ 6.26	− 45.9	0 46 39.17	− 2.64	+ 0 24 15.6	−16.1
23	B. D.+ 9°101	9	47 53.78	− 0.28	+ 2.86	330 19 51.95	43.840	+ 6.26	− 32.8	0 47 56.36	− 2.74	+ 9 17 55.1	−15.5
24	B. D.+ 8°130	9	51 39.52	− 0.28	+ 2.86	329 45 51.05	42.892	+ 6.26	− 33.6	0 51 42.10	− 2.73	+ 8 43 31.8	−15.3
25	B. D.+ 3°131	7	53 27.71	− 0.29	+ 2.86	324 49 50.88	43.458	+ 6.26	− 40.6	0 53 30.28	− 2.67	+ 3 47 37.5	−15.6
26	B. D.+10°115	9	56 19.03	− 0.27	+ 2.86	331 41 50.75	46.042	+ 6.26	− 31.0	0 56 21.62	− 2.75	+10 40 46.0	−15.0
27	B. D.+12°126	9	58 10.05	− 0.27	+ 2.86	333 33 50.72	46.380	+ 6.26	− 28.6	0 58 12.64	− 2.77	+12 32 56.1	−14.7
28	B. D.+ 4°175	9	0 57.43	− 0.29	+ 2.86	325 25 50.52	46.392	+ 6.26	− 39.7	1 1 0.00	− 2.70	+ 4 24 45.1	−15.1
29	B. D.+ 7°167	9	1 44.18	− 0.28	+ 2.86	328 53 51.75	43.515	+ 6.26	− 34.8	1 1 46.76	− 2.71	+ 7 51 45.5	−15.0
30	B. D.+ 5°150	9	5 41.48	− 0.28	+ 2.86	327 15 50.65	47.742	+ 6.26	− 37.0	1 5 44.06	− 2.68	+ 6 15 18.8	−15.0
31	B. D.+ 7°181	9	6 48.69	− 0.28	+ 2.86	329 5 51.58	46.898	+ 6.26	− 34.5	1 6 51.27	− 2.70	+ 8 5 2.9	−14.7
32	B. D.+ 6°181	7	9 49.03	− 0.28	+ 2.86	327 31 50.30	44.698	+ 6.26	− 36.6	1 9 51.61	− 2.68	+ 6 30 9.3	−14.8
33	B. D.+13°192	9	12 34.12	− 0.26	+ 2.86	334 45 51.70	46.768	+ 6.26	− 27.1	1 12 36.72	− 2.78	+13 45 7.5	−13.8
34	B. D.+ 8°218	9	18 10.98	− 0.28	+ 2.86	329 43 50.12	44.440	+ 6.26	− 33.6	1 18 13.56	− 2.70	+ 8 42 6.2	−14.1
35	B. D.+ 4°251	9	22 47.01	− 0.29	+ 2.86	325 53 50.10	45.375	+ 6.26	− 39.0	1 22 49.58	− 2.65	+ 4 52 22.2	−14.4
36	μ Piscium	9	25 15.59	− 0.28	+ 2.86	326 41 49.72	43.895	+ 6.26	− 37.9	1 25 18.17	− 2.65	+ 5 39 49.0	−14.2
37	B. D.+ 7°229	8	28 22.53	− 0.28	+ 2.86	328 45 50.32	43.858	+ 6.26	− 35.0	1 28 25.11	− 2.67	+ 7 43 51.7	−13.8
38	B. D.+13°240	9	30 44.85	− 0.26	+ 2.86	335 11 51.92	46.655	+ 6.26	− 26.6	1 30 47.45	− 2.76	+14 11 5.6	−12.8
39	B. D.+ 4°282	9	32 7.82	− 0.28	+ 2.86	326 11 51.02	42.912	+ 6.26	− 38.6	1 32 10.40	− 2.63	+ 5 9 27.2	−13.9
40	B. D.+ 8°258	8	35 37.89	− 0.28	+ 2.86	329 17 49.48	47.635	+ 6.26	− 34.2	1 35 40.47	− 2.67	+ 8 17 18.0	−13.4
41	B. D.+11°221	9	38 2.04	− 0.27	+ 2.86	333 7 49.92	43.588	+ 6.26	− 29.2	1 38 4.63	− 2.72	+12 5 50.9	−12.7
42	ο Piscium	9	40 25.84	− 0.28	+ **2.84**	329 41 51.02	47.642	+ 6.26	− 33.7	1 40 28.42	....	+ 8 41 20.2	....
43	B. D.+10°241	9	42 9.88	− 0.27	+ 2.86	331 23 51.10	45.935	+ 6.26	− 31.4	1 42 12.47	− 2.68	+10 22 43.5	−12.7
44	B. D.+13°286	9	45 2.41	− 0.26	+ 2.86	334 53 50.82	46.970	+ 6.26	− 27.0	1 45 5.01	− 2.73	+13 53 11.3	−12.0
45	B. D.+11°248	9	48 28.37	− 0.27	+ 2.86	333 15 51.60	42.425	+ 6.26	− 29.1	1 48 30.96	− 2.70	+12 13 26.1	−12.1
46	B. D.+13°296	9	49 44.23	− 0.27	+ 2.86	334 19 50.98	43.695	+ 6.26	− 27.7	1 49 46.82	− 2.71	+13 17 55.9	−11.8
47	B. D.+ 5°274	9	55 2.85	− 0.28	+ 2.86	326 35 50.12	47.070	+ 6.26	− 38.0	1 55 5.43	− 2.59	+ 5 35 1.9	−12.8
48	B. D.+14°326	9	56 45.04	− 0.26	+ 2.86	335 37 50.20	46.428	+ 6.26	− 26.1	1 56 47.64	− 2.72	+14 36 59.2	−11.2
49	B. D.+ 7°321	9	59 53.50	− 0.28	+ 2.86	328 19 49.50	42.535	+ 6.26	− 35.6	1 59 56.08	− 2.60	+ 7 17 20.1	−12.3
50	B. D.+ 9°271	8	1 39.42	− 0.27	+ 2.86	331 3 51.70	43.995	+ 6.26	− 31.9	2 1 42.01	− 2.64	+10 1 59.3	−11.8
51	B. D.+ 6°331	9	3 59.98	− 0.28	+ 2.86	327 35 50.42	44.160	+ 6.26	− 36.6	2 4 2.56	− 2.58	+ 6 33 57.1	−12.2
52	B. D.+ 7°347	9	6 23.25	− 0.28	+ 2.86	329 9 50.12	44.260	+ 6.26	− 34.4	2 6 25.83	− 2.60	+ 8 8 1.3	−11.9
53	B. D.+18°283	9	8 38.85	− 0.26	+ 2.86	340 11 51.60	45.272	+ 6.26	− 20.7	2 8 41.45	− 2.78	+19 10 39.6	− 9.6
54	67 Ceti	9	12 17.53	− 0.32	+ **2.87**	314 9 49.75	47.820	+ 6.26	− 59.3	2 12 20.07	....	− 6 51 2.6	....
	September 29, Hl.												
55	51 H. Cephei s. p.	9	56 44.56	+ 2.50	....	53 47 54.48	45.927	+ 7.48	+1 15.7	6 56	....	+87 11 24.3	....
56	λ Ursæ Minoris	9	15 32.56	− 7.42	....	49 59 54.18	45.978	+ 7.48	+1 6.1	19 15	....	+89 0 24.7	....
57	228 G. Sagittarii	9	40 1.79	− 0.41	....	288 55 46.62	44.410	+ 7.48	−2 39.6	19 40	....	−32 8 2.6	− 6.0
58	δ Sagittæ	9	43 11.44	− 0.27	+ **2.37**	339 19 50.35	44.870	+ 7.48	− 20.9	19 43	....	+18 18 30.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
25 23 13	30.19	58.0	56.9	6, 7, 10. Bisections at VI, VII.					
0 1	30.185	57.1	56.0	9, 20, 22, 28, 30, 38, 45. Bisections at I, II.					
0 22	......	....	56.1	11, 25. Bisections at III, VI.					
0 49	30.185	56.9	56.2	18. Bisections at II, VI, VII.					
1 11	......	....	56.0	37, 47, 48. Bisections at II, VII.					
1 33	30.18	56.5	55.5	55, 56. Bisections at III, IV, V.					
1 51	......	....	55.4						
2 13	30.175	56.2	55.6						
29 18 40	29.925	74.3	73.9						
19 2	......	....	72.2	Notes.					
19 30	29.92	72.6	72.0	1. Micrometer reading decreased 1 rev.					
19 48	......	....	71.6	1–54. Through thin clouds; many observations difficult.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ψ Cygni	9	53 11.76	− 0.31	....	13 11 53.42	46.760	+ 7.48	+ 13.1	19 53	.....	+52 11 50.3	....
2	τ Aquilæ	9	59 32.66	− 0.28	+ **2.42**	328 1 50.20	47.000	+ 7.48	− 34.5	19 59	.....	+ 7 1 5.1	....
3	b^2 Cygni	9	5 55.92	− 0.28	....	357 33 50.52	48.560	+ 7.48	− 2.3	20 5	.....	+36 34 13.2	−26.0
4	o^1 Cygni	9	10 40.24	− 0.29	....	7 27 52.20	47.058	+ 7.48	+ 7.3	20 10	.....	+46 27 50.1	....
5	40 Cygni	9	24 5.19	− 0.28	....	359 9 52.78	43.480	+ 7.48	− 0.8	20 24	.....	+38 8 20.9	−26.2
6	181 B. Camelopardalis S. P.	9	29 13.76	+ 0.38	....	67 1 52.08	44.393	+ 7.48	+2 10.5	8 29	.....	+73 57 7.5	+23.1
7	ε Aquarii	9	42 35.46	− 0.32	+ **2.38**	311 11 49.50	45.065	+ 7.48	−1 3.3	20 42	.....	− 9 50 8.6	....
	October 5, Hl.												
8	Sun I. N	9	41 18.86	− 0.26	+ 1.70	316 43 50.02	45.150	+ 6.94	− 51.5	12 41 20.30	+64.52	− 4 17 55.2	....
9	Sun II, S	9	43 27.90	− 0.26	+ 1.70	316 11 49.22	45.122	+ 6.94	− 52.5	12 43 29.34	−64.52	− 4 49 57.0	....
10	Venus I, N	9	34 31.77	− 0.38	+ 1.68	297 15 51.50	44.924	+ 7.15	−1 45.1	15 34 33.07	+ 1.12	−23 46 51.8	....
	October 6, Ei.-P.												
11	ε Pegasi	9	39 35.17	− 0.28	+ **1.57**	330 27 51.52	46.672	+ 6.19	− 32.2	21 39 36.50	.....	+ 9 27 0.0	....
12	δ Capricorni	9	41 52.44	− 0.36	+ **1.55**	304 29 49.92	43.682	+ 6.18	−1 22.5	21 41 53.69	.....	−16 32 59.2	....
13	B. D. −17°6397	9	47 32.68	− 0.36	+ 1.61	303 31 50.52	45.845	+ 6.14	−1 25.5	21 47 33.93	− 2.38	−17 30 13.2	−14.2
14	B. D. − 6°5912	9	2 47.26	− 0.32	+ 1.61	314 43 50.88	47.872	+ 6.04	− 57.3	22 2 48.55	− 2.38	− 6 16 58.5	−17.3
15	B. D. − 8°5818	6	4 33.43	− 0.32	+ 1.61	313 1 51.22	46.420	+ 6.02	−1 0.8	22 4 34.72	− 2.39	− 7 59 34.9	−16.9
16	B. D. −14°6229	9	7 22.91	− 0.35	+ 1.61	306 23 48.25	43.092	+ 6.01	−1 16.9	22 7 24.17	− 2.42	−14 39 10.0	−15.3
17	B. D. − 5°5738	7	8 59.02	− 0.31	+ 1.61	316 7 48.85	43.278	+ 6.00	− 54.6	22 9 0.32	− 2.40	− 4 54 42.9	−17.7
18	B. D. − 3°5443	9	21 24.15	− 0.30	+ 1.61	317 45 52.08	46.035	+ 5.91	− 51.5	22 21 25.46	− 2.44	− 3 15 33.6	−18.1
19	σ Aquarii	6	25 41.67	− 0.33	+ **1.59**	309 51 51.98	47.545	+ 5.88	−1 7.8	22 25 42.95	.....	−11 9 15.5	....
20	B. D. − 8°5912	9	33 27.52	− 0.32	+ 1.61	312 39 52.65	43.065	+ 5.83	−1 1.6	22 33 28.81	− 2.48	− 8 22 51.1	−17.0
21	B. D. − 9°6037	9	38 5.11	− 0.32	+ 1.61	311 23 52.48	44.290	+ 5.80	−1 4.4	22 38 6.40	− 2.50	− 9 38 26.1	−16.8
22	B. D. −13°6262	9	40 29.42	− 0.34	+ 1.61	307 31 51.70	46.600	+ 5.79	−1 13.8	22 40 30.69	− 2.51	−13 29 43.5	−16.0
23	B. D. − 4°5757 (*mean*)	9	43 0.46	− 0.31	+ 1.61	316 19 51.40	43.225	+ 5.77	− 54.2	22 43 1.76	− 2.51	− 4 42 41.3	−17.8
24	B. D. − 1°4351	9	45 54.12	− 0.29	+ 1.61	319 57 52.02	44.112	+ 5.75	− 47.7	22 45 55.44	− 2.52	− 1 4 14.0	−18.4
25	B. D. −12°6374	9	49 10.96	− 0.34	+ 1.61	308 19 51.95	48.195	+ 5.73	−1 11.7	22 49 12.23	− 2.53	−12 41 4.7	−16.2
26	B. D. −11°5953	8	51 54.98	− 0.33	+ 1.61	310 15 52.55	46.658	+ 5.71	−1 7.0	22 51 56.26	− 2.53	−10 45 34.6	−16.6
27	B. D. + 0°4950	9	54 39.62	− 0.29	+ 1.61	321 29 52.25	44.600	+ 5.69	− 45.2	22 54 40.94	− 2.55	+ 0 27 59.8	−18.6
28	B. D. − 5°5910	9	56 41.03	− 0.30	+ 1.61	315 49 51.40	43.260	+ 5.68	− 55.2	22 56 42.34	− 2.54	− 5 12 41.6	−17.6
29	B. D. −12°6413	9	59 35.65	− 0.33	+ 1.61	308 21 53.92	43.495	+ 5.66	−1 11.7	22 59 36.93	− 2.55	−12 40 50.2	−16.3
30	B. D. − 8°6025	9	2 19.76	− 0.32	+ 1.61	312 49 52.58	45.895	+ 5.64	−1 1.2	23 2 21.05	− 2.56	− 8 11 46.3	−17.1
31	B. D. + 1°4687	9	4 35.64	− 0.28	+ 1.61	322 39 51.72	45.638	+ 5.62	− 43.3	23 4 36.97	− 2.58	+ 1 38 24.9	−18.7
32	B. D. −12°6444 (*mean*)	9	7 5.91	− 0.33	+ 1.61	308 35 51.45	44.940	+ 5.61	−1 11.1	23 7 7.19	− 2.56	−12 26 19.1	−16.3
33	B. D. − 5°5957	9	10 30.37	− 0.30	+ 1.61	315 59 52.00	43.908	+ 5.58	− 54.9	23 10 31.68	− 2.58	− 5 2 26.0	−17.6
34	γ Piscium	9	12 18.83	− 0.28	+ **1.65**	323 47 52.05	45.635	+ 5.57	− 41.6	23 12 20.16	.....	+ 2 46 26.8	....
35	B. D. − 5°5966	9	14 32.85	− 0.30	+ 1.61	315 23 50.68	45.185	+ 5.56	− 56.0	23 14 34.16	− 2.58	− 5 37 59.3	−17.4
36	B. D. − 5°5973	9	16 32.04	− 0.30	+ 1.61	315 49 52.12	47.915	+ 5.54	− 55.2	23 16 33.35	− 2.59	− 5 10 54.7	−17.5
37	B. D. − 0°4509	9	18 43.89	− 0.29	+ 1.61	320 47 52.80	46.822	+ 5.53	− 46.4	23 18 45.21	− 2.61	− 0 13 10.2	−18.2
38	B. D. + 1°4724	9	21 56.80	− 0.28	+ 1.61	322 59 54.35	44.395	+ 5.50	− 42.9	23 21 58.13	− 2.62	+ 1 57 59.4	−18.4
39	B. D. − 2°5973	9	24 38.81	− 0.29	+ 1.61	318 43 52.50	44.290	+ 5.49	− 49.9	23 24 40.13	− 2.61	− 2 18 11.9	−17.8
40	B. D. − 9°6206	9	26 56.03	− 0.31	+ 1.61	312 11 53.30	43.952	+ 5.47	−1 2.7	23 26 57.33	− 2.60	− 8 50 31.6	−16.9
41	B. D. − 3°5661	9	28 53.10	− 0.29	+ 1.61	318 15 53.05	46.208	+ 5.46	− 50.7	23 28 54.42	− 2.62	− 2 45 28.3	−17.7
42	B. D. − 9°6220	7	31 10.54	− 0.31	+ 1.61	311 45 52.35	43.288	+ 5.44	−1 3.7	23 31 11.84	− 2.61	− 9 16 48.8	−16.8
43	ι Piscium	8	35 8.30	− 0.27	+ **1.57**	326 7 51.70	47.790	+ 5.42	− 38.2	23 35 9.63	.....	+ 5 7 18.9	....
44	λ Piscium	9	37 16.39	− 0.28	+ 1.60	322 17 53.62	44.725	+ 5.40	− 44.0	23 37 17.71	− 2.65	+ 1 16 5.0	−18.1
45	19 Piscium	9	41 36.64	− 0.27	+ 1.60	323 59 52.38	45.080	+ 5.38	− 41.3	23 41 37.97	− 2.67	+ 2 58 14.5	−18.1
46	B. D. + 0°5054	9	44 39.98	− 0.28	+ 1.60	321 35 50.48	43.582	+ 5.36	− 45.1	23 44 41.30	− 2.66	+ 0 33 35.6	−17.8
47	φ Pegasi	9	47 43.76	− 0.23	+ **1.58**	339 37 52.80	44.175	+ 5.33	− 21.1	23 47 45.13	.....	+18 36 14.4	....
48	B. D. + 4°5066	5	49 18.02	− 0.26	+ 1.60	325 21 51.90	47.680	+ 5.32	− 39.3	23 49 19.36	− 2.70	+ 4 21 15.4	−18.1
49	ζ Andromedæ	9	42 22.89	− 0.22	+ **1.62**	344 45 53.98	47.592	+ 4.96	− 15.5	0 42 24.27	.....	+23 45 38.8	....
50	147 B. Piscium	9	43 28.61	− 0.26	+ 1.60	325 49 52.75	44.640	+ 4.96	− 38.7	0 43 29.95	.....	+ 4 48 7.0	....
51	B. D. + 1°151	9	46 39.86	− 0.27	+ 1.60	322 53 52.75	47.545	+ 4.96	− 43.1	0 46 41.19	− 2.74	+ 1 53 9.0	−16.2
52	20 Ceti	9	48 13.59	− 0.28	+ **1.59**	319 21 52.30	47.455	+ 4.96	− 48.9	0 48 14.91	.....	− 1 38 59.3	....
53	B. D. + 9°110	9	51 53.82	− 0.24	+ 1.60	330 31 53.00	45.942	+ 4.96	− 32.2	0 51 55.18	− 2.82	+ 9 30 43.5	−16.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 19 57	......	....	71.7
20 16	......	....	71.5
20 21	29.915	72.1	....
20 35	......	....	71.3
20 46	29.91	72.0	70.1
5 12 43	29.725	74.0	73.7*
15 35	29.705	77.1	76.7
6 21 37	29.52	54.3	52.0
22 0	......	....	52.1
22 27	29.535	54.0	52.9
22 46	......	....	52.1
23 8	29.54	53.7	52.0
23 33	......	....	51.6
23 58	29.555	53.0	51.2
0 40	29.565	52.8	51.0

Micrometer bisections are made at II, VI, except as noted below.

6.	Bisections at III, IV, V.
8, 19, 49.	Bisections at I, II.
9, 34, 41, 50.	Bisections at VI, VII.
10.	Bisections at I, II, VI, VII.
15.	Bisection at II.
21, 28, 36, 44, 46, 48.	Bisections at II, VII.

Notes.

6. Fuzzy.
11–21. Images poor.
48. Revolutions of micrometer reading assumed.
* Thermometer reading changed from 68°.7 to 73°.7.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 6.0	−16 0.8	...	−15 54.8
9	+ 6.1	+16 0.9	...	+16 7.0
10	+ 14.0	− 15.3	...	− 1.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+ 6°135	9	53 28.32	− 0.25	+ 1.60	327 21 52.08	45.490	+ 4.96	− 36.5	0 53 29.67	− 2.78	+ 6 20 28.0	−16.0
2	B. D.+ 4°157	9	56 41.82	− 0.26	+ 1.60	325 39 52.65	44.385	+ 4.96	− 39.0	0 56 43.16	− 2.77	+ 4 38 0.8	−15.8
3	B. D.+13°155	9	58 55.71	− 0.23	+ 1.60	334 27 51.95	44.435	+ 4.96	− 27.2	0 58 57.08	− 2.88	+13 26 13.0	−15.6
4	B. D.+14°169	9	0 59.81	− 0.23	+ 1.60	335 53 52.50	46.728	+ 4.96	− 25.5	1 1 1.18	− 2.90	+14 53 7.6	−15.4
5	B. D.+10°128	9	2 9.16	− 0.24	+ 1.60	332 3 52.72	47.222	+ 4.96	− 30.2	1 2 10.52	− 2.84	+11 3 14.5	−15.5
6	B. D.+11°158	9	7 24.28	− 0.24	+ 1.60	332 47 53.55	47.308	+ 4.96	− 29.3	1 7 25.64	− 2.86	+11 47 18.2	−15.2
7	B. D.+ 0°210	9	10 47.43	− 0.27	+ 1.60	321 25 53.08	47.778	+ 4.96	− 45.4	1 10 48.76	− 2.72	+ 0 25 12.4	−15.4
8	*f* Piscium	9	12 58.39	− 0.26	+ 1.60	324 7 53.15	48.228	+ 4.96	− 41.2	1 12 59.73	.....	+ 3 7 26.9	....
9	B. D.+ 4°232	9	17 34.95	− 0.26	+ 1.60	326 15 51.15	46.920	+ 4.96	− 38.1	1 17 36.29	− 2.77	+ 5 14 58.1	−15.0
10	B. D.+14°213	9	19 1.93	− 0.23	+ 1.60	335 49 53.62	46.770	+ 4.96	− 25.6	1 19 3.30	− 2.90	+14 49 9.6	−14.4
11	B. D.+16°154	9	23 22.36	− 0.23	+ 1.60	337 37 52.72	43.218	+ 4.96	− 23.5	1 23 23.73	− 2.93	+16 35 49.6	−14.0
12	B. D.+ 1°269	9	26 5.31	− 0.27	+ 1.60	322 45 52.52	45.742	+ 4.96	− 43.3	1 26 6.64	− 2.73	+ 1 44 27.4	−14.8
13	B. D.+ 1°293	9	33 30.20	− 0.26	+ 1.60	323 7 53.90	46.380	+ 4.96	− 42.8	1 33 31.54	− 2.73	+ 2 6 43.8	−14.5
14	B. D.+ 6°259	9	36 15.45	− 0.25	+ 1.59	328 7 51.98	47.245	+ 4.96	− 35.4	1 36 16.79	− 2.78	+ 7 7 9.1	−14.0
15	B. D.+ 2°255	9	39 1.27	− 0.26	+ 1.59	324 7 52.58	47.862	+ 4.96	− 41.2	1 39 2.60	− 2.73	+ 3 7 18.0	−14.2
16	B. D.+12°232	9	42 36.20	− 0.23	+ 1.59	333 45 53.42	42.588	+ 4.96	− 28.1	1 42 37.56	− 2.86	+12 43 31.4	−13.2
17	B. D.+ 4°316	9	44 37.13	− 0.26	+ 1.59	326 11 52.32	43.822	+ 4.96	− 38.2	1 44 38.46	− 2.75	+ 5 9 48.4	−13.8
18	B. D.+14°298	9	48 11.09	− 0.23	+ 1.59	335 59 54.10	44.752	+ 4.96	− 25.4	1 48 12.45	− 2.89	+14 58 24.2	−12.7
19	B. D.+10°257	7	49 25.44	− 0.24	+ 1.59	331 57 53.22	45.650	+ 4.96	− 30.4	1 49 26.79	− 2.83	+10 56 38.9	−13.0
20	B. D.+15°286	9	53 34.09	− 0.23	+ 1.59	336 29 53.30	45.208	+ 4.96	− 24.8	1 53 35.45	− 2.90	+15 28 34.4	−12.3
21	B. D.+ 8°308	9	55 47.92	− 0.25	+ 1.59	329 47 52.75	43.155	+ 4.96	− 33.2	1 55 49.26	− 2.79	+ 8 45 38.6	−12.9
22	B. D.+10°275	8	57 58.02	− 0.24	+ 1.59	331 35 53.32	44.485	+ 4.96	− 30.8	1 57 59.37	− 2.81	+10 34 11.9	−12.6
23	B. D.+ 7°324	6	1 15.79	− 0.25	+ 1.59	328 49 51.80	44.738	+ 4.96	− 34.5	2 1 17.13	− 2.77	+ 7 48 12.5	−12.7
24	B. D.+14°357	8	7 57.07	− 0.23	+ 1.59	335 51 52.82	45.325	+ 4.96	− 25.6	2 7 58.43	− 2.87	+14 50 35.8	−11.5
	October 6, Hł.												
25	ο Tauri	9	19 46.61	− 0.23	+ 1.45	329 43 53.05	44.300	+ 4.62	− 33.4	3 19 47.85	.....	+ 8 42 4.5	....
26	σ Persei	9	23 59.04	− 0.17	+ 1.47	8 41 55.00	42.905	+ 4.62	+ 8.8	3 24 0.34	− 3.74	+47 40 16.6	+ 1.1
27	13 H^1. Camelopardalis	8	37 10.91	− 0.19	+ 1.46	27 55 57.05	42.060	+ 4.62	+ 30.5	3 37 12.18	− 5.61	+66 54 21.1	+ 6.8
28	γ Eridani	9	53 39.72	− 0.31	+ 1.45	307 15 52.15	45.105	+ 4.62	−1 15.1	3 53 40.87	.....	−13 46 19.6	....
29	151 H^1. Cephei	9	7 9.33	− 0.67	+ 1.46	46 17 57.58	45.700	+ 4.62	+1 0.1	4 7 10.12	.....	+85 18 14.2	....
30	Moon II, N	9	25 57.70	− 0.20	+ 1.46	338 1 54.00	48.212	+ 4.62	− 23.1	4 25 58.96	−64.01	+17 1 45.1	....
31	4 Camelopardalis	9	40 12.72	− 0.14	+ 1.46	17 35 55.88	45.130	+ 4.62	+ 18.3	4 40 14.04	.....	+56 35 17.8	....
32	π^3 Orionis	9	44 45.22	− 0.23	+ 1.48	327 49 51.72	44.125	+ 4.62	− 36.1	4 44 46.45	.....	+ 6 47 56.5	....
33	ε Ursæ Minoris s. P.	9	55 24.09	+ 0.34	+ 1.46	58 47 56.35	43.888	+ 4.62	+1 34.9	16 55 25.89	.....	+82 11 53.1	....
34	β Eridani	9	3 14.48	− 0.27	+ 1.53	315 49 52.78	44.228	+ 4.62	− 55.8	5 3 15.67	.....	− 5 12 19.8	....
35	α Aurigæ	9	9 46.35	− 0.15	+ 1.46	6 55 55.85	42.375	+ 4.62	+ 7.1	5 9 47.66	.....	+45 54 3.7	....
36	β Tauri	9	20 22.11	− 0.18	+ 1.46	349 33 53.92	42.190	+ 4.62	− 10.6	5 20 23.39	.....	+28 31 39.9	....
37	χ Aurigæ	9	26 37.69	− 0.17	+ 1.46	353 9 54.58	41.102	+ 4.62	− 6.9	5 26 38.98	.....	+32 7 19.4	....
38	θ^1 Orionis	9	30 40.07	− 0.27	+ 1.45	315 35 51.20	42.690	+ 4.62	− 56.4	5 30 41.25	− 1.87	− 5 26 57.1	− 5.6
39	ζ Orionis	9	36 1.58	− 0.26	+ 1.52	319 1 53.40	46.385	+ 4.62	− 50.0	5 36 2.77	.....	− 1 59 24.1	....
	October 7, Hl.												
40	η Piscium	9	26 28.92	− 0.22	+ 1.32	335 51 55.08	48.815	+ 4.60	− 25.8	1 26 30.06	.....	+14 51 57.3	....
41	π Piscium	9	32 8.64	− 0.23	+ 1.28	332 39 53.75	48.945	+ 4.60	− 29.7	1 32 9.77	.....	+11 39 55.0	....
42	B. D.+39°384	9	37 6.21	− 0.19	+ 1.36	0 55 55.22	43.502	+ 4.60	+ 1.0	1 37 7.38	− 3.58	+39 54 22.7	−10.7
43	B. D.+37°382	9	44 58.22	− 0.19	+ 1.36	358 51 55.30	44.025	+ 4.60	− 1.1	1 44 59.39	− 3.50	+37 50 32.6	−10.3
44	B. D.+39°434	9	49 16.61	− 0.19	+ 1.36	1 15 56.25	44.282	+ 4.60	+ 1.3	1 49 17.78	− 3.60	+40 14 41.9	− 9.6
45	B. D.+37°455	9	55 20.71	− 0.19	+ 1.36	359 13 55.75	47.682	+ 4.60	− 0.7	1 55 21.88	− 3.51	+38 13 57.1	− 9.3
46	B. D.+39°464	9	0 7.28	− 0.19	+ 1.36	0 19 54.58	44.605	+ 4.60	+ 0.4	2 0 8.45	− 3.55	+39 18 46.7	− 8.7
47	B. D.+38°425	9	5 12.89	− 0.19	+ 1.36	359 35 54.10	47.690	+ 4.60	− 0.3	2 5 14.06	− 3.52	+38 35 56.0	− 8.4
48	B. D.+36°446	9	10 16.80	− 0.19	+ 1.36	357 21 53.98	43.135	+ 4.60	− 2.6	2 10 17.97	− 3.43	+36 20 9.5	− 8.2
49	B. D.+37°536	9	16 3.24	− 0.18	+ 1.36	359 5 54.78	44.838	+ 4.60	− 0.8	2 16 4.42	− 3.49	+38 4 51.0	− 7.5
50	B. D.+36°491	9	21 32.93	− 0.18	+ 1.36	357 33 54.55	44.828	+ 4.60	− 2.4	2 21 34.11	− 3.43	+36 32 49.0	− 7.2
51	B. D.+36°512	9	27 10.93	− 0.18	+ 1.36	357 55 54.62	46.152	+ 4.60	− 2.0	2 27 12.11	− 3.43	+36 55 19.7	− 6.7
52	B. D.+38°527	9	33 1.27	− 0.18	+ 1.36	359 45 53.58	44.552	+ 4.60	− 0.2	2 33 2.45	− 3.49	+38 44 43.9	− 5.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 1 16	......	....	50.9
1 21	29.58	52.5	51.0
1 46	......	....	51.0
2 9	29.60	52.2	50.8
3 6	29.625	52.0	51.0
3 41	......	....	50.2
3 49	......	....	50.4
4 18	......	....	49.9
4 31	29.63	51.0	49.7
4 59	......	....	48.9
5 12	......	....	48.0
5 45	29.66	49.0	47.5
7 1 14	29.87	53.2	51.1
1 30	......	....	50.9
2 3	......	....	50.8
2 26	......	....	50.1

Micrometer bisections are made at II, VI, except as noted below.

8, 11.	Bisections at II, VII.
9, 18, 23.	Bisections at I, II.
10.	Bisections at VI, VII.
24.	Bisection at II.
27.	Bisections at III, V.
29, 33.	Bisections at III, IV, V.
30.	Bisections at II, III, IV, V, VI.

Notes.

23, 25.	Clouds.
25–39, 40–52.	Conditions poor; images fuzzy.
44.	Observed head north.
47, 48, 52.	Observed head south.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
30	+19 59.6	−14 46.8	...	+ 5 12.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Ceti	9	39 53.18	− 0.22	+ **1.34**	330 43 52.72	47.375	+ 4.60	− 32.3	2 39 54.32	.....	+ 9 43 15.5	....
2	B. D.+36°582	9	46 21.17	− 0.18	+ 1.35	357 44	......	....	. ....	2 46 22.34	− 3.39	+36 42	....
3	B. D.+39°687	9	54 54.68	− 0.18	+ 1.35	1 3 55.00	44.520	+ 4.60	+ 1.1	2 54 55.85	− 3.50	+40 2 45.8	− 3.5
4	B. D.+36°628	9	59 41.91	− 0.18	+ 1.35	357 27 54.08	42.988	+ 4.60	− 2.5	2 59 43.08	− 3.35	+36 26 6.3	− 3.9
5	B. D.+37°719	9	5 25.41	− 0.17	+ 1.35	358 43 55.32	44.945	+ 4.60	− 1.2	3 5 26.59	− 3.38	+37 42 53.6	− 3.1
6	B. D.+38°682	9	10 31.36	− 0.17	+ 1.35	359 17 53.80	46.180	+ 4.60	− 0.6	3 10 32.54	− 3.38	+38 17 20.9	− 2.5
7	τ^1 Arietis	9	15 49.58	− 0.19	+ **1.37**	341 49 52.70	45.190	+ 4.60	− 18.9	3 15 50.74	.....	+20 48 38.9	....
8	B. D.+37°771	9	21 23.32	− 0.17	+ 1.35	358 43 55.02	45.320	+ 4.60	− 1.2	3 21 24.50	− 3.33	+37 43 1.9	− 1.7
9	B. D.+37°783	9	26 16.29	− 0.17	+ 1.35	358 45 55.12	44.350	+ 4.60	− 1.2	3 26 17.47	− 3.31	+37 44 39.8	− 1.2
10	B. D.+39°829	9	31 12.05	− 0.17	+ 1.35	0 47 54.05	44.600	+ 4.60	+ 0.9	3 31 13.23	− 3.37	+39 46 46.5	− 0.3
11	B. D.+37°820	9	37 50.89	− 0.17	+ 1.34	359 5 54.70	44.092	+ 4.60	− 0.9	3 37 52.06	− 3.28	+38 4 33.8	− 0.1
12	η Tauri	9	41 55.41	− 0.18	+ **1.31**	344 49 54.10	45.850	+ 4.60	− 15.6	3 41 56.57	.....	+23 48 58.7	....
13	B. D.+39°887	8	48 40.63	− 0.17	+ 1.34	0 35 55.62	44.965	+ 4.60	+ 0.7	3 48 41.80	− 3.29	+39 34 56.2	+ 1.2
14	γ Eridani	8	53 39.72	− 0.29	+ **1.45**	307 15 50.98	45.180	+ 4.60	−1 15.9	3 53 40.77	.....	−13 46 19.9	....
15	Moon S.	.	.. ..	....	....	339 37 54.75	45.912	+ 4.91	− 21.6	.. ..	.....	+18 36 56.0	....
16	Moon II, N.	7	16 37.56	− 0.19	+ 1.34	340 7 54.15	46.032	+ 4.91	− 21.0	5 16 38.71	−64.82	+19 6 56.9	....
17	δ Orionis	9	27 13.07	− 0.23	+ **1.39**	320 39 53.10	44.770	+ 4.91	− 47.8	5 27 14.18	.....	− 0 21 58.8	....
18	ι Orionis	9	30 50.90	− 0.25	+ **1.35**	315 3 51.88	44.875	+ 4.91	− 58.2	5 30 51.99	.....	− 5 58 8.0	....
	October 8, Hl.												
19	Sun I, S.	9	52 16.08	− 0.27	+ **1.30**	315 1 53.42	47.558	+ 4.54	− 56.7	12 52 17.11	+64.63	− 5 59 4.3	....
20	Sun II, N.	9	54 25.33	− 0.27	+ 1.30	315 33 53.45	47.598	+ 4.54	− 55.7	12 54 26.36	−64.62	− 5 27 1.7	....
21	Venus I, N.	9	44 49.51	− 0.42	+ 1.29	296 29 53.68	43.689	+ 4.70	−1 52.2	15 44 50.38	+ 1.18	−24 33 27.4	....
22	51 H. Cephei s. P.	9	56 51.29	+ 1.61	+ 1.27	53 47 57.88	45.823	+ 5.12	+1 17.4	6 56 54.17	.....	+87 11 23.9	....
23	λ Ursæ Minoris	7	15 16.37	− 4.80	+ 1.27	49 59 59.10	45.800	+ 5.12	+1 7.6	19 15 12.84	.....	+89 0 25.5	....
24	σ Aquilæ	9	34 33.93	− 0.29	+ 1.27	326 11 53.22	47.740	+ 5.12	− 37.8	19 34 34.91	− 1.60	+ 5 11 19.4	−18.2
25	228 G. Sagittarii	9	40 2.70	− 0.48	+ 1.27	288 55 53.60	44.388	+ 5.12	−2 43.2	19 40 3.49	− 1.98	−32 8 2.1	− 5.6
26	δ Sagittæ	9	43 12.38	− 0.25	+ **1.24**	339 20	......	....	. ....	19 43 13.40	.....	+18 18	....
27	β Aquilæ	9	50 42.53	− 0.28	+ **1.22**	327 11 52.88	45.865	+ 5.12	− 36.5	19 50 43.52	.....	+ 6 10 37.5	....
28	γ Sagittæ	9	54 35.28	− 0.25	+ **1.22**	340 13 54.62	50.298	+ 5.12	− 20.3	19 54 36.30	.....	+19 14 36.7	....
29	θ Aquilæ	9	6 28.25	− 0.31	+ **1.22**	319 55 54.35	45.370	+ 5.12	− 47.6	20 6 29.21	.....	− 1 5 43.4	....
30	o^1 Cygni	9	10 40.95	− 0.23	+ 1.27	7 27 56.60	47.022	+ 5.12	+ 7.5	20 10 41.99	.....	+46 27 51.5	....
31	40 Cygni	9	24 6.02	− 0.23	+ 1.27	359 9 55.78	43.515	+ 5.12	− 0.8	20 24 7.06	− 1.78	+38 8 22.3	−27.1
32	181 B. Camelopardalis s. P.	9	29 15.47	+ 0.25	+ 1.27	67 1 57.78	44.182	+ 5.12	+2 13.5	8 29 16.99	− 0.85	+73 57 5.5	+24.8
33	γ Delphini (*fol.*)	8	42 18.78	− 0.26	+ 1.27	336 47 54.62	47.590	+ 5.12	− 24.2	20 42 19.79	− 1.94	+15 47 30.9	−22.5
34	ω Capricorni	9	46 14.22	− 0.44	+ 1.27	293 45 45.52	48.330	+ 5.12	−2 7.7	20 46 15.05	− 2.21	−27 16 4.6	− 9.5
	October 8, Ei.-P.												
35	μ Capricorni	9	48 11.67	− 0.38	+ **1.42**	307 1 50.55	47.675	+ 2.26	−1 15.0	21 48 12.67	.....	−13 59 24.9	....
36	B. D.−12°6126	9	49 59.66	− 0.37	+ 1.38	308 37 48.48	44.285	+ 5.12	−1 10.9	21 50 0.67	− 2.34	−12 24 37.4	−15.6
37	B. D.−12°6134	9	53 15.76	− 0.37	+ 1.38	308 29 48.40	43.960	+ 5.12	−1 11.2	21 53 16.77	− 2.35	−12 32 45.1	−15.6
38	B. D.−10°5812	9	56 51.49	− 0.36	+ 1.38	310 41 48.90	47.318	+ 5.12	−1 5.8	21 56 52.51	− 2.35	−10 19 22.5	−16.2
39	B. D.− 9°5908	9	59 34.13	− 0.36	+ 1.38	311 51 49.05	45.550	+ 5.12	−1 3.2	21 59 35.15	− 2.36	− 9 10 0.2	−16.6
40	ι Aquarii	9	1 23.09	− 0.38	+ **1.39**	306 41 47.68	47.998	+ 5.12	−1 15.9	22 1 24.09	.....	−14 19 18.3	....
41	θ Pegasi	9	5 28.87	− 0.30	+ **1.35**	326 45 48.32	45.645	+ 5.12	− 37.1	22 5 29.95	.....	+ 5 44 27.3	....
42	B. D.− 5°5732	9	7 51.52	− 0.34	+ 1.38	315 51 48.98	43.168	+ 5.12	− 55.0	22 7 52.56	− 2.38	− 5 10 46.5	−17.6
43	B. D.−10°5879	7	12 52.38	− 0.36	+ 1.38	310 49 48.10	44.728	+ 5.12	−1 5.6	22 12 53.40	− 2.41	−10 12 22.3	−16.4
44	B. D.− 6°5972	9	16 30.07	− 0.35	+ 1.38	314 19 47.35	43.622	+ 5.12	− 58.0	22 16 31.10	− 2.41	− 6 42 40.7	−17.3
45	B. D.−12°6271	8	21 51.07	− 0.37	+ 1.38	309 11 49.10	47.382	+ 5.12	−1 9.4	22 21 52.08	− 2.44	−11 49 24.5	−16.1
46	B. D.−15°6231	8	25 16.62	− 0.38	+ 1.38	305 57 49.02	46.855	+ 5.12	−1 18.0	22 25 17.62	− 2.46	−15 3 45.2	−15.4
47	B. D.− 3°5472	9	30 30.76	− 0.33	+ 1.38	318 17 49.62	44.288	+ 5.12	− 50.5	22 30 31.81	− 2.46	− 2 44 15.8	−18.2
48	B. D.− 6°6034	9	32 25.61	− 0.34	+ 1.38	314 27 47.50	48.085	+ 5.12	− 57.7	22 32 26.65	− 2.46	− 6 32 58.3	−17.4
49	B. D.− 4°5728	9	35 57.55	− 0.34	+ 1.38	316 57 48.65	49.530	+ 5.12	− 52.9	22 35 58.59	− 2.47	− 4 2 19.4	−17.9
50	67 Aquarii	9	38 21.22	− 0.35	+ 1.38	313 33 50.80	47.930	+ 5.12	− 59.5	22 38 22.25	− 2.48	− 7 27 0.4	−17.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 2 45	29.90	51.9	....
3 3	....	....	50.0
3 36	....	....	49.9
4 1	29.91	51.1	49.9
5 0	29.94	50.7	47.9
5 23	29.94	48.5	46.3
5 33	....	....	45.8
8 12 54	30.02	62.0	60.0
15 45	29.96	64.8	64.7
18 38	29.925	63.0	62.6
19 2	....	....	61.2
19 27	29.925	61.8	60.9
19 58	....	....	60.3
20 15	....	....	60.6
20 51	29.92	60.7	60.0
21 46	29.90	59.9	59.0
22 10	....	....	58.9
22 40	29.88	59.6	58.9

Micrometer bisections are made at II, VI, except as noted below.

15. Bisections at II, III.
16. Bisections at V, VI.
19. Bisections at I, II.
20, 43. Bisections at VI, VII.
21. Bisections at I, II, VI, VII.
22. Bisections at III, IV, V.
23. Bisections at b_1, b_2, b_3.
25. Bisections at II, VI, VII.
41, 45. Bisections at II, VII.

Notes.

1–14. Conditions poor; images fuzzy.
2, 8, 9. Observed head south.
3. Observed head north.
14. Unsteady.
26. Faint; clouds.
35. Two microscopes used.
39, 40, 50. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+18 35.8	+14 47.5	− 0.7	+33 22.6
16	+18 9.2	−14 47.5	...	+ 3 21.7
19	+ 6.2	+16 1.3	...	+16 7.5
20	+ 6.1	−16 1.2	...	−15 55.1
21	+ 14.7	− 16.0	...	− 1.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.− 7°5858	9	42 29.57	− 0.35	+ 1.38	313 47 49.02	47.305	+ 5.12	− 59.1	22 42 30.60	− 2.49	− 7 13 16.0	−17.2
2	B. D.− 5°5866	9	43 39.80	− 0.34	+ 1.38	315 57 48.45	45.150	+ 5.12	− 54.8	22 43 40.84	− 2.50	− 5 4 1.5	−17.7
3	μ Pegasi	9	45 29.49	− 0.27	+ **1.41**	345 5 52.55	50.405	+ 5.12	− 15.0	22 45 30.60	....	+24 6 42.4	....
4	94 H¹. Aquarii	9	50 20.02	− 0.34	+ 1.37	315 31 49.60	47.762	+ 5.12	− 55.6	22 50 21.05	− 2.51	− 5 29 1.5	−17.6
5	B. D.− 6°6110	8	53 18.04	− 0.34	+ 1.37	314 49 51.95	47.860	+ 2.26	− 57.0	22 53 19.07	− 2.52	− 6 11 1.2	−17.4
6	B. D.−10°6038	9	56 14.82	− 0.36	+ 1.37	310 57 48.50	48.032	+ 5.12	−1 5.2	22 56 15.83	− 2.53	−10 3 6.0	−16.7
7	B. D.− 1°4382	9	58 20.94	− 0.33	+ 1.37	320 5 49.98	46.002	+ 5.12	− 47.4	22 58 21.98	− 2.55	− 0 55 33.1	−18.4
8	B. D.− 8°6021	9	1 0.61	− 0.35	+ 1.37	312 35 49.18	44.550	+ 5.12	−1 1.6	23 1 1.63	− 2.54	− 8 26 21.3	−17.0
9	B. D.− 6°6147	8	3 0.07	− 0.34	+ 1.37	314 49 48.02	45.130	+ 5.12	− 57.0	23 3 1.10	− 2.55	− 6 12 4.6	−17.4
10	B. D.− 6°6157	9	5 49.11	− 0.34	+ 1.37	314 33 49.12	45.485	+ 5.12	− 57.5	23 5 50.14	− 2.55	− 6 27 55.9	−17.3
11	φ Aquarii	9	9 28.84	− 0.34	+ **1.35**	314 27 48.42	47.808	+ 5.12	− 57.7	23 9 29.87	....	− 6 33 3.7	....
12	ψ¹ Aquarii	9	10 59.59	− 0.36	+ 1.37	311 25 48.70	46.402	+ 5.12	−1 4.2	23 11 0.60	− 2.56	− 9 35 42.1	−16.8
13	B. D.− 2°5925	9	13 38.77	− 0.33	+ 1.37	318 37 49.68	44.182	+ 5.12	− 49.9	23 13 39.81	− 2.58	− 2 24 17.5	−18.0
14	B. D.− 9°6173	9	16 20.77	− 0.36	+ 1.37	311 49 48.48	48.030	+ 5.12	−1 3.2	23 16 21.78	− 2.58	− 9 11 4.1	−16.8
15	B. D.−11°6064	9	18 10.56	− 0.36	+ 1.37	309 43 49.18	48.600	+ 5.12	−1 8.1	23 18 11.57	− 2.58	−11 16 55.3	−16.5
16	B. D.− 7°6012	9	21 44.29	− 0.35	+ 1.37	313 53 49.45	47.615	+ 5.12	− 58.8	23 21 45.31	− 2.59	− 7 7 8.2	−17.1
17	B. D.−12°6496	9	23 13.31	− 0.37	+ 1.37	309 3 49.45	46.572	+ 5.12	−1 9.7	23 23 14.31	− 2.59	−11 57 42.9	−16.4
18	B. D.− 7°6036	9	26 11.84	− 0.35	+ 1.37	314 13 48.85	45.195	+ 5.12	− 58.2	23 26 12.86	− 2.60	− 6 48 3.5	−17.2
19	B. D.− 3°5655	9	28 7.07	− 0.34	+ 1.37	317 29 48.92	45.572	+ 5.12	− 51.9	23 28 8.10	− 2.61	− 3 31 48.5	−17.6
20	B. D.+ 0°5018	9	30 41.81	− 0.32	+ 1.37	321 49 48.30	44.668	+ 5.12	− 44.5	23 30 42.86	− 2.63	+ 0 47 57.6	−19.1
21	B. D.− 9°6224	9	33 22.77	− 0.36	+ 1.37	311 53 48.30	44.105	+ 5.12	−1 3.1	23 33 23.78	− 2.61	− 9 8 33.8	−16.8
22	B. D.+ 2°4701	9	36 4.39	− 0.31	+ 1.37	324 7 50.52	46.352	+ 5.12	− 40.9	23 36 5.45	− 2.66	+ 3 6 41.9	−18.4
23	B. D.− 7°6078	9	39 59.04	− 0.35	+ 1.37	313 33 50.08	47.530	+ 5.12	− 59.5	23 40 0.06	− 2.62	− 7 27 10.2	−17.0
24	B. D.− 3°5707	9	43 8.27	− 0.33	+ 1.37	317 43 50.82	48.265	+ 5.12	− 51.4	23 43 9.31	− 2.64	− 3 16 44.6	−17.5
25	B. D.− 3°5723	9	48 7.42	− 0.34	+ 1.37	317 21 49.10	44.182	+ 5.12	− 52.1	23 48 8.45	− 2.65	− 3 40 20.3	−17.3
26	B. D.+ 3°4909	9	51 59.99	− 0.31	+ 1.37	325 13 49.18	45.602	+ 5.12	− 39.3	23 52 1.05	− 2.70	+ 4 12 25.0	−18.1
27	B. D.− 1°4514	9	54 59.19	− 0.33	+ 1.37	320 13 48.90	45.202	+ 5.12	− 47.1	23 55 0.23	− 2.67	− 0 47 52.2	−17.5
28	B. D.− 3°5749	9	57 2.04	− 0.34	+ 1.37	317 27 47.50	48.425	+ 5.12	− 51.9	23 57 3.07	− 2.66	− 3 32 44.8	−17.2
29	B. D.+ 0°5084	9	59 59.09	− 0.32	+ 1.37	322 1 49.30	47.715	+ 5.12	− 44.2	0 0 0.14	− 2.69	+ 1 1 8.5	−17.6
30	B. D.+ 6°5242	9	2 16.82	− 0.30	+ 1.37	327 21 48.48	48.275	+ 5.12	− 36.2	0 2 17.89	− 2.74	+ 6 21 28.5	−17.9
31	B. D.− 6°11	9	5 31.77	− 0.34	+ 1.37	315 15 47.40	45.370	+ 5.12	− 56.1	0 5 32.80	− 2.66	− 5 45 58.9	−16.8
32	B. D.+ 0°22	8	9 49.06	− 0.32	+ 1.37	321 47 48.35	46.788	+ 5.12	− 44.5	0 9 50.11	− 2.70	+ 0 46 46.1	−17.3
33	B. D.+ 8°24 (*pr.*)	9	12 35.31	− 0.30	+ 1.37	329 23 48.92	42.705	+ 5.12	− 33.5	0 12 36.38	− 2.77	+ 8 21 24.3	−17.7
34	ι Ceti	8	14 40.03	− 0.36	+ **1.34**	311 41 48.15	44.510	+ 5.12	−1 3.5	0 14 41.04	....	− 9 20 25.2	....
35	44 Piscium	9	20 36.67	− 0.32	+ **1.42**	322 25 49.38	48.510	+ 5.12	− 43.5	0 20 37.72	....	+ 1 25 27.5	....
36	B. D.+ 1°221	9	5 44.96	− 0.31	+ 1.36	322 57 49.95	47.260	+ 5.02	− 42.7	1 5 46.01	− 2.75	+ 1 57 0.2	−15.6
37	ζ¹ Piscium	9	8 50.87	− 0.30	+ **1.41**	328 5 48.75	46.925	+ 5.02	− 35.3	1 8 51.93	....	+ 7 4 58.7	....
38	B. D.+ 2°196	9	17 28.78	− 0.31	+ 1.36	324 3 50.45	43.928	+ 5.02	− 41.1	1 17 29.83	− 2.76	+ 3 1 46.1	−14.6
39	η Piscium	8	26 28.96	− 0.28	+ **1.35**	335 53 49.65	43.745	+ 5.02	− 25.4	1 26 30.04	....	+14 51 56.8	....
40	B. D.+ 3°215	9	28 54.97	− 0.31	+ 1.36	324 19 49.65	43.592	+ 5.02	− 40.7	1 28 56.02	− 2.76	+ 3 17 38.0	−14.6
41	B. D.+16°176	9	30 51.37	− 0.27	+ 1.36	337 57 51.08	47.405	+ 5.02	− 22.9	1 30 52.46	− 2.96	+16 57 24.4	−13.7
42	B. D.+13°255	9	34 14.89	− 0.28	+ 1.36	334 49 49.88	45.970	+ 5.02	− 26.6	1 34 15.97	− 2.90	+13 48 46.7	−13.8
43	B. D.+15°251	9	37 24.93	− 0.28	+ 1.36	336 19 50.50	45.138	+ 5.02	− 24.8	1 37 26.01	− 2.93	+15 18 30.1	−13.5
44	B. D.+14°270	7	40 50.75	− 0.28	+ 1.36	335 33 49.85	44.482	+ 5.02	− 25.7	1 40 51.83	− 2.91	+14 32 13.6	−13.3
45	B. D.+ 2°270	8	43 35.45	− 0.30	+ 1.36	324 13 48.60	47.850	+ 5.02	− 40.8	1 43 36.51	− 2.75	+ 3 13 14.2	−14.0
46	B. D.+ 3°257	9	47 55.83	− 0.30	+ 1.36	325 13 48.25	45.055	+ 5.02	− 39.3	1 47 56.89	− 2.76	+ 4 12 11.5	−13.8
47	B. D.+ 9°236	9	49 14.33	− 0.29	+ 1.36	330 31 49.24	43.225	+ 5.02	− 32.0	1 49 15.40	− 2.83	+ 9 29 37.9	−13.3
48	B. D.+17°289	9	52 14.64	− 0.27	+ 1.36	338 23 48.78	43.148	+ 5.02	− 22.4	1 52 15.73	− 2.96	+17 21 45.3	−12.4
49	B. D.+ 3°273	9	55 30.09	− 0.30	+ 1.36	324 57 48.50	45.210	+ 5.02	− 39.7	1 55 31.15	− 2.75	+ 3 56 14.9	−13.4
50	B. D.+ 8°316	9	57 38.49	− 0.29	+ 1.36	329 39 48.95	44.122	+ 5.02	− 33.1	1 57 39.56	− 2.81	+ 8 37 57.0	−12.9
51	B. D.+19°324	9	1 5.48	− 0.27	+ 1.36	341 9 49.80	45.785	+ 5.02	− 19.3	2 1 6.57	− 3.01	+20 8 49.6	−11.5
52	B. D.+10°293	9	3 7.34	− 0.28	+ 1.36	331 45 49.20	46.312	+ 5.02	− 30.4	2 3 8.42	− 2.84	+10 44 50.0	−12.4
53	B. D.+12°292	9	4 44.30	− 0.28	+ 1.36	333 45 50.18	44.145	+ 5.02	− 27.9	2 4 45.38	− 2.87	+12 44 4.0	−12.1
54	B. D.+13°351	9	7 38.87	− 0.28	+ 1.36	334 29 48.70	46.248	+ 5.02	− 27.0	2 7 39.95	− 2.88	+13 28 51.4	−11.8
55	B. D.+10°306	9	10 52.12	− 0.28	+ 1.36	331 57 49.45	42.990	+ 5.02	− 30.1	2 10 53.20	− 2.83	+10 55 34.6	−12.0
56	B. D.+17°339	8	12 35.15	− 0.27	+ 1.36	339 3 49.90	42.010	+ 5.02	− 21.6	2 12 36.24	− 2.95	+18 1 21.2	−11.0
57	B. D.+ 9°306	9	15 53.30	− 0.28	+ 1.36	330 35 50.58	46.135	+ 5.02	− 31.8	2 15 54.38	− 2.80	+ 9 34 46.0	−11.8
58	B. D.+20°388	9	18 32.47	− 0.26	+ 1.36	341 59 51.20	47.195	+ 5.02	− 18.3	2 18 33.57	− 3.01	+20 59 24.3	−10.1
59	B. D.+12°332	9	21 23.10	− 0.27	+ 1.36	333 29 48.65	45.950	+ 5.02	− 28.2	2 21 24.19	− 2.84	+12 28 43.4	−11.1
60	B. D.+14°408	9	23 47.38	− 0.27	+ 1.36	336 11 49.55	46.555	+ 5.02	− 24.9	2 23 48.47	− 2.88	+15 11 1.4	−10.6
61	B. D.+12°346	9	27 7.45	− 0.27	+ 1.36	333 17 48.22	45.270	+ 5.02	− 28.4	2 27 8.54	− 2.83	+12 16 27.2	−10.8
62	B. D.+13°411	9	30 55.21	− 0.27	+ 1.36	334 21 48.68	46.290	+ 5.02	− 27.1	2 30 56.30	− 2.84	+13 20 52.3	−10.4
63	B. D.+22°375	8	32 28.78	− 0.26	+ 1.36	343 43 50.68	47.280	+ 5.02	− 16.5	2 32 29.88	− 3.02	+22 43 27.5	− 8.8
64	B. D.+15°367	8	35 30.74	− 0.27	+ 1.36	336 17 48.95	46.948	+ 5.02	− 24.8	2 35 31.83	− 2.87	+15 17 9.9	− 9.8

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
8 23 7	......	....	59.0	1, 11, 16, 46. Bisections at I, II.					
23 37	29.86	59.2	58.8	4, 6, 7, 10, 25, 28, 36, 38, 59. Bisections at II, VII.					
0 1	......	....	59.0	5. Bisections at III, VI.					
0 23	29.845	59.4	58.9	34. Bisection at II.					
1 3	29.825	58.9	58.2	60. Bisections at II, VI, VII.					
1 24	......	....	58.0	Notes.					
1 51	29.81	58.9	58.1	4, 20, 23, 34. Clouds. 5. Two microsocpes used. 8. Image poor.					
2 9	......	....	58.9						

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+11°377	9	39 51.88	− 0.27	+ 1.35	333 3 48.85	47.255	+ 5.02	− 28.7	2 39 52.96	− 2.80	+12 3 12.9	−10.1
2	B. D.+18°347 (*fol.*)	9	42 10.72	− 0.26	+ 1.35	339 59 50.05	46.500	+ 5.02	− 20.5	2 42 11.81	− 2.92	+18 59 5.0	− 8.8
3	B. D.+21°380	9	45 13.09	− 0.26	+ 1.35	342 45 49.28	42.722	+ 5.02	− 17.5	2 45 14.18	− 2.98	+21 43 40.9	− 8.1
4	B. D.+10°388	9	49 16.66	− 0.27	+ 1.35	331 55 49.90	48.735	+ 5.02	− 30.1	2 49 17.74	− 2.76	+10 55 46.4	− 9.7
5	B. D.+17°458	9	51 9.42	− 0.26	+ 1.35	338 39 49.38	46.545	+ 5.02	− 22.0	2 51 10.51	− 2.88	+17 39 3.9	− 8.4
6	ε Arietis (*mean*)	9	53 51.87	− 0.26	+ **1.42**	341 59 50.20	43.630	+ 5.02	− 18.4	2 53 52.96	.....	+20 58 1.7	....
7	B. D.+16°380	9	57 38.62	− 0.26	+ 1.35	338 13 49.42	43.550	+ 5.02	− 22.6	2 57 39.71	− 2.86	+17 11 54.9	− 8.0
8	B. D.+12°436	9	1 15.59	− 0.27	+ 1.35	333 51 49.30	43.080	+ 5.02	− 27.7	3 1 16.67	− 2.76	+12 49 39.0	− 8.6
9	B. D.+13°519	9	5 35.66	− 0.26	+ 1.35	335 1 48.78	42.362	+ 5.02	− 26.3	3 5 36.75	− 2.78	+13 59 23.4	− 8.2
10	B. D.+15°450	9	8 55.38	− 0.26	+ 1.35	336 15 50.25	45.225	+ 5.02	− 24.8	3 8 56.47	− 2.79	+15 14 31.8	− 7.7
11	τ^1 Arietis	9	15 49.65	− 0.25	+ **1.38**	341 49 49.75	45.248	+ 5.02	− 18.5	3 15 50.75	.....	+20 48 38.1	....
	October 9, P.												
12	Sun I, S.	9	55 56.05	− 0.34	+ 1.31	314 39 48.38	45.232	+ 5.45	− 55.5	12 55 57.02	+64.57	− 6 22 0.4	....
13	Sun II, N.	9	58 5.19	− 0.34	+ 1.31	315 11 48.00	45.345	+ 5.45	− 54.5	12 58 6.16	−64.57	− 5 49 56.6	....
14	Mercury C, C.	9	37 53.36	− 0.33	+ 1.31	310 39 48.12	47.578	+ 6.59	−1 3.6	13 37 54.34	+ 0.01	−10 21 13.7	....
	October 11, Br.												
15	Sun I, S.	9	3 16.86	− 0.20	+ 0.96	313 53 52.75	46.535	+ 2.38	−1 0.5	13 3 17.62	+64.93	− 7 7 34.3	....
16	Sun II, N.	9	5 26.72	− 0.20	+ 0.96	314 25 45.65	47.035	+ 2.38	− 59.4	13 5 27.48	−64.93	− 6 35 28.3	....
17	Mercury C, C.	9	49 35.12	− 0.18	+ 0.96	309 19 51.30	45.520	+ 2.93	−1 10.9	13 49 35.90	+ 0.01	−11 42 8.5	....
18	Venus I, N.	9	54 44.56	− 0.30	+ 0.95	295 47 50.05	44.288	+ 2.84	−1 59.9	15 54 45.21	+ 1.24	−25 15 26.9	....
19	δ Aquilæ	9	20 46.33	− 0.21	+ **0.95**	323 57 51.58	44.460	+ 2.46	− 42.9	19 20 47.08	.....	+ 2 55 55.0	....
20	μ Aquilæ	9	29 30.65	− 0.20	+ **0.95**	328 11 50.58	47.232	+ 2.41	− 36.6	19 29 31.41	.....	+ 7 11 3.6	....
21	σ Aquilæ	9	34 34.10	− 0.20	+ 0.96	326 11 51.10	48.012	+ 2.38	− 39.5	19 34 34.86	− 1.55	+ 5 11 19.0	−18.2
22	228 G. Sagittarii	9	40 2.88	− 0.38	+ 0.95	288 55 49.88	44.998	+ 2.35	−2 50.6	19 40 3.45	− 1.92	−32 8 2.0	− 5.4
23	δ Sagittæ	9	43 12.61	− 0.18	+ **0.88**	339 19 52.65	45.088	+ 2.34	− 22.3	19 43 13.38	.....	+18 18 30.9	....
24	ψ Cygni	9	53 12.62	− 0.22	+ 0.95	13 11 54.82	46.962	+ 2.28	+ 14.0	19 53 13.35	.....	+52 11 52.1	....
25	4 B. Ursæ Minoris s. P.	7	4 30.49	+ 8.14	+ 0.95	52 3 54.58	48.557	+ 2.21	+1 16.3	8 4 39.58	.....	+88 54 28.9	....
26	β Capricorni	8	15 45.21	− 0.27	+ **0.90**	305 57 49.42	45.148	+ 2.15	−1 21.5	20 15 45.89	.....	−15 4 30.3	....
27	π Capricorni	9	21 57.88	− 0.29	+ **0.91**	302 31 50.78	44.245	+ 2.11	−1 32.7	20 21 58.54	.....	−18 31 0.8	....
28	181 B. Camelopardalis s. P.	9	29 16.27	+ 0.63	+ 0.95	67 1 56.05	44.143	+ 2.07	+2 19.8	8 29 17.85	− 1.14	+73 57 5.3	+25.3
29	κ Delphini	9	34 34.97	− 0.19	+ 0.95	330 45 51.18	48.652	+ 2.04	− 33.2	20 34 35.73	− 1.87	+ 9 45 39.7	−20.9
30	ε Aquarii	9	42 36.70	− 0.25	+ **0.89**	311 11 51.05	45.455	+ 2.00	−1 7.8	20 42 37.40	.....	− 9 50 8.1	....
31	76 Draconis	9	49 29.54	− 1.15	+ 0.95	43 11 55.32	44.278	+ 1.96	+ 56.0	20 49 29.34	.....	+82 11 32.8	....
32	θ Capricorni	9	0 41.42	− 0.28	+ **0.89**	303 25 50.28	46.335	+ 1.89	−1 29.8	21 0 42.09	.....	−17 36 10.8	....
	October 11, Ei.-P.												
33	ι Aquarii	6	1 23.28	− 0.25	+ **1.03**	306 41 51.12	48.155	+ 1.97	−1 19.7	22 1 24.09	.....	−14 19 18.2	....
34	θ Pegasi	8	5 29.04	− 0.18	+ **1.03**	326 45 50.88	45.765	+ 1.97	− 39.0	22 5 29.92	.....	+ 5 44 27.6	....
35	B. D.−12°6227	9	11 46.02	− 0.24	+ 1.06	308 53 50.62	49.425	+ 1.97	−1 13.6	22 11 46.84	− 2.38	−12 6 43.6	−15.8
36	B. D.− 4°5655	9	14 57.73	− 0.21	+ 1.06	316 29 51.85	45.440	+ 1.97	− 56.5	22 14 58.58	− 2.38	− 4 31 56.4	−17.8
37	B. D.−15°6208	8	18 19.13	− 0.25	+ 1.06	305 37 48.18	43.812	+ 1.97	−1 23.0	22 18 19.94	− 2.41	−15 25 3.7	−15.0
38	B. D.−14°6276	8	19 26.63	− 0.25	+ 1.06	307 1 49.50	46.112	+ 1.97	−1 18.9	22 19 27.44	− 2.41	−14 0 5.8	−15.4
39	B. D.−10°5929	9	24 22.43	− 0.23	+ 1.06	310 53 50.35	45.050	+ 1.97	−1 8.8	22 24 23.26	− 2.42	−10 8 19.0	−16.4
40	σ Aquarii	9	25 42.03	− 0.23	+ **1.08**	309 51 51.60	47.890	+ 1.97	−1 11.3	22 25 42.86	.....	−11 9 15.4	....
41	B. D.−10°5947	9	29 11.19	− 0.23	+ 1.06	310 55 49.82	47.702	+ 1.97	−1 8.6	22 29 12.02	− 2.43	−10 5 17.8	−16.5
42	B. D.−17°6554	8	31 5.33	− 0.26	+ 1.06	304 9 51.12	46.198	+ 1.97	−1 27.6	22 31 6.13	− 2.45	−16 52 10.8	−14.8
43	B. D.−10°5966	9	35 12.09	− 0.23	+ 1.06	311 11 49.92	43.980	+ 1.97	−1 8.1	22 35 12.92	− 2.45	− 9 50 43.2	−16.6
44	B. D.− 3°5491	9	38 8.07	− 0.21	+ 1.06	317 51 51.52	44.740	+ 1.97	− 53.9	22 38 8.92	− 2.46	− 3 10 10.1	−18.1
45	B. D.−11°5912	9	41 18.72	− 0.24	+ 1.06	309 21 51.10	47.805	+ 1.97	−1 12.6	22 41 19.54	− 2.47	−11 39 19.1	−16.2
46	B. D.− 8°5952	8	43 29.37	− 0.22	+ 1.06	312 25 52.42	45.100	+ 1.97	−1 5.2	22 43 30.21	− 2.47	− 8 36 12.3	−16.9
47	B. D.− 3°5521	9	47 50.77	− 0.21	+ 1.06	317 53 51.18	47.325	+ 1.97	− 53.9	22 47 51.62	− 2.49	− 3 7 11.4	−18.0
48	B. D.− 7°5886	9	49 42.15	− 0.22	+ 1.06	313 19 52.85	45.692	+ 1.97	−1 3.2	22 49 42.99	− 2.49	− 7 41 56.3	−17.1
49	B. D.− 5°5894	9	52 26.94	− 0.21	+ 1.06	315 43 48.88	44.315	+ 1.97	− 58.1	22 52 27.79	− 2.50	− 5 18 26.6	−17.6
50	B. D.− 9°6100	8	55 27.11	− 0.23	+ 1.06	311 39 49.25	43.885	+ 1.97	−1 7.0	22 55 27.94	− 2.51	− 9 22 45.0	−16.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 2 37	[illegible]	59.8	59.0
2 55	......	....	59.1
3 16	29.795	59.9	59.0
9 12 58	29.68	71.1	71.8
13 42	29.655	72.5	73.0
11 13 5	29.815	46.8	44.4
13 50	29.815	47.5	45.3
15 55	[illegible]	[illegible]	44.9
19 21	29.91	43.0	40.1
19 43	......	....	39.0
20 9	......	....	38.5
20 19	29.93	40.0	....
21 3	29.945	38.8	37.1
21 59	29.96	38.0	36.9
22 22	......	....	36.1
22 45	29.975	37.1	36.0

Micrometer bisections are made at II, VI, except as noted below.

6, 34, 43, 45, 50. Bisections at II, VII.
12, 15, 22, 37, 39. Bisections at I, II.
13, 16, 33. Bisections at VI, VII.
14, 17, 18. Bisections at I, II, VI, VII.
24. Bisections at III, V.
25. Bisections at b_3, b_4, b_5, b_6, b_8.
28, 31. Bisections at III, IV, V.
38. Bisections at III, VI.

Notes.

19–32. Diffuse and very unsteady.
30. Faint.
38. Images poor; very unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
12	+ 6.2	+16 1.9	...	+16 8.1
13	+ 6.2	−16 1.9	...	−15 55.7
14	+ 4.8	.. ....	0.0	+ 4.8
15	+ 6.3	+16 3.0	...	+16 9.3
16	+ 6.3	−16 3.0	...	−15 56.7
17	+ 4.9	.. ....	− 0.1	+ 4.8
18	+ 15.4	− 16.7	...	− 1.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −12°6404	9	57 38.47	− 0.24	+ 1.06	309 15 50.60	46.172	+ 1.97	−1 12.9	22 57 39.29	− 2.51	−11 45 57.3	−16.2
2	B. D. − 8°6019	9	0 26.79	− 0.22	+ 1.06	312 45 50.88	47.292	+ 1.97	−1 4.4	23 0 27.63	− 2.52	− 8 15 22.9	−17.0
3	B. D. −12°6426	9	2 30.89	− 0.24	+ 1.06	308 43 49.88	44.605	+ 1.97	−1 14.3	23 2 31.71	− 2.53	−12 18 35.2	−16.1
4	B. D. −14°6413	9	5 26.24	− 0.25	+ 1.06	306 53 50.82	43.618	+ 1.97	−1 19.4	23 5 27.05	− 2.54	−14 9 1.9	−15.8
5	B. D. − 0°4483	8	8 13.02	− 0.20	+ 1.06	320 33 50.38	43.742	+ 1.97	− 49.1	23 8 13.88	− 2.56	− 0 28 29.2	−18.4
6	B. D. − 4°5852	9	10 45.49	− 0.21	+ 1.06	317 1 50.52	44.748	+ 1.97	− 55.6	23 10 46.34	− 2.56	− 4 0 12.6	−17.7
7	B. D. −12°6461	9	12 47.48	− 0.24	+ 1.06	308 47 52.05	47.855	+ 1.97	−1 14.2	23 12 48.30	− 2.55	−12 13 18.6	−16.2
8	B. D. −10°6098	8	16 59.83	− 0.23	+ 1.05	310 45 52.62	45.070	+ 1.97	−1 9.2	23 17 0.65	− 2.56	−10 16 16.7	−16.5
9	B. D. − 1°4427	9	18 56.24	− 0.20	+ 1.05	319 37 52.70	46.065	+ 1.97	− 50.8	23 18 57.09	− 2.58	− 1 23 35.5	−18.1
10	κ Piscium	9	22 8.59	− 0.20	+ **1.07**	321 45 52.55	46.932	+ 1.97	− 47.1	23 22 9.44	....	+ 0 44 47.8	....
11	B. D. − 5°5999	9	24 42.26	− 0.21	+ 1.05	315 59 50.25	44.398	+ 1.97	− 57.7	23 24 43.10	− 2.59	− 5 2 23.0	−17.4
12	B. D. − 1°4450	9	27 9.99	− 0.20	+ 1.05	319 25 52.70	45.050	+ 1.97	− 51.2	23 27 10.84	− 2.60	− 1 35 59.1	−17.9
13	14 Piscium	9	29 20.79	− 0.20	+ 1.05	319 15 51.88	45.930	+ 1.97	− 51.5	23 29 21.64	− 2.61	− 1 45 40.1	−17.9
14	B. D. + 2°4686	9	31 19.29	− 0.19	+ 1.05	323 39 49.55	45.618	+ 1.97	− 44.0	23 31 20.15	− 2.64	+ 2 38 17.9	−18.5
15	B. D. + 4°5036	9	35 31.93	− 0.19	+ 1.05	325 19 51.28	43.202	+ 1.97	− 41.4	23 35 32.79	− 2.66	+ 4 17 27.0	−18.6
16	B. D. − 2°6021	9	37 34.03	− 0.20	+ 1.05	318 59 50.68	47.805	+ 1.97	− 52.0	23 37 34.88	− 2.63	− 2 0 59.0	−17.7
17	B. D. − 0°4566	9	41 47.71	− 0.20	+ 1.05	321 1 48.58	47.285	+ 1.97	− 48.4	23 41 48.56	− 2.65	+ 0 0 50.6	−17.9
18	B. D. + 5°5224	9	45 27.81	− 0.18	+ 1.05	327 1 52.50	48.218	+ 1.97	− 38.8	23 45 28.68	− 2.70	+ 6 1 25.4	−18.6
19	B. D. − 5°6081	9	50 20.25	− 0.21	+ 1.05	315 49 52.60	47.542	+ 1.97	− 58.1	23 50 21.09	− 2.64	− 5 11 9.2	−17.1
20	B. D. − 1°4514	9	54 59.38	− 0.20	+ 1.05	320 13 51.58	45.400	+ 1.97	− 49.8	23 55 0.23	− 2.67	− 0 47 50.9	−17.6
21	B. D. − 5°6097	9	56 12.37	− 0.22	+ 1.05	315 35 50.65	43.365	+ 1.97	− 58.7	23 56 13.20	− 2.65	− 5 26 47.2	−17.0
22	B. D. + 3°4926	9	58 53.08	− 0.19	+ 1.05	324 23 50.65	48.315	+ 1.97	− 42.9	23 58 53.94	− 2.70	+ 3 23 21.7	−17.9
23	B. D. − 4°6019	9	0 38.54	− 0.21	+ 1.05	316 39 52.68	44.872	+ 1.97	− 56.5	0 0 39.38	− 2.66	− 4 22 8.5	−17.0
24	B. D. + 2°3	9	3 34.69	− 0.19	+ 1.05	323 57 51.32	43.230	+ 1.97	− 43.6	0 3 35.55	− 2.71	+ 2 55 25.5	−17.8
25	B. D. + 7°13	9	6 28.04	− 0.18	+ 1.05	328 27 51.96	44.008	+ 1.97	− 36.8	0 6 28.91	− 2.75	+ 7 25 50.7	−18.1
26	γ Pegasi	9	8 25.58	− 0.17	+ **1.10**	335 41 51.96	44.002	+ 1.97	− 27.1	0 8 26.46	....	+14 40 0.2	....
27	B. D. + 5°25	9	10 50.63	− 0.18	+ 1.05	326 21 48.60	43.638	+ 1.97	− 39.9	0 10 51.50	− 2.74	+ 5 19 35.8	−17.8
28	B. D. + 8°24 (*pr.*)	9	12 35.47	− 0.18	+ 1.05	329 23 53.90	42.755	+ 1.97	− 35.5	0 12 36.34	− 2.77	+ 8 21 25.3	−17.9
29	B. D. + 3°34	9	15 33.89	− 0.19	+ 1.05	325 17 51.65	43.990	+ 1.97	− 41.5	0 15 34.75	− 2.74	+ 4 15 45.3	−17.5
30	B. D. − 3°49	9	19 43.32	− 0.21	+ 1.05	318 17 51.70	45.078	+ 1.97	− 53.4	0 19 44.16	− 2.70	− 2 44 1.7	−16.8
31	10 Ceti	9	21 49.97	− 0.20	+ 1.05	320 27 48.55	45.380	+ 1.97	− 49.5	0 21 50.82	− 2.71	− 0 33 54.0	−16.9
32	B. D. − 1°51	9	25 3.84	− 0.20	+ 1.05	320 11 47.62	44.785	+ 1.97	− 50.0	0 25 4.69	− 2.72	− 0 50 9.1	−16.8
33	B. D. + 6°64	9	27 34.68	− 0.18	+ 1.05	327 27 54.25	45.635	+ 1.97	− 38.2	0 27 35.55	− 2.78	+ 6 26 28.8	−17.2
34	13 Ceti	9	30 26.46	− 0.21	+ 1.05	316 55 50.28	44.550	+ 1.97	− 56.1	0 30 27.30	....	− 4 6 17.9	....
35	B. D. +10°65	8	32 26.87	− 0.18	+ 1.05	331 57 53.62	42.795	+ 1.97	− 32.0	0 32 27.74	− 2.84	+10 55 29.4	−17.3
36	ε Andromedæ	8	33 37.34	− 0.16	+ **1.13**	349 49 51.95	44.350	+ 1.97	− 10.7	0 33 38.23	....	+28 48 24.5	....
37	π Piscium	9	32 8.87	− 0.18	+ **1.03**	332 41 53.12	43.948	+ 1.97	− 31.0	1 32 9.73	....	+11 39 56.3	....
38	ν Piscium	9	36 34.26	− 0.19	+ **1.06**	326 1 51.72	47.198	+ 1.97	− 40.4	1 36 35.11	....	+ 5 0 59.7	....
39	ο Piscium	9	40 27.69	− 0.19	+ **1.08**	329 41 51.30	47.925	+ 1.97	− 35.0	1 40 28.54	....	+ 8 41 21.3	....
40	B. D. + 6°296	9	48 43.73	− 0.19	+ 1.04	328 11 50.12	45.865	+ 1.97	− 37.2	1 48 44.58	− 2.83	+ 7 10 30.9	−13.7
41	B. D. + 5°262	9	50 25.02	− 0.20	+ 1.04	326 59 51.20	46.778	+ 1.97	− 39.0	1 50 25.86	− 2.81	+ 5 58 51.0	−13.7
42	B. D. + 9°253	9	55 24.52	− 0.19	+ 1.04	331 11 53.20	46.068	+ 1.97	− 33.0	1 55 25.37	− 2.87	+10 10 42.8	−13.1
43	B. D. +12°271	8	57 33.42	− 0.19	+ 1.04	334 3 51.40	43.205	+ 1.97	− 29.2	1 57 34.27	− 2.91	+13 1 39.4	−12.8
44	B. D. +12°280	8	0 40.43	− 0.19	+ 1.04	333 39 52.25	45.875	+ 1.97	− 29.7	2 0 41.28	− 2.91	+12 38 40.7	−12.6
45	B. D. + 5°285	9	2 53.59	− 0.20	+ 1.04	326 33 51.48	45.992	+ 1.97	− 39.7	2 2 54.43	− 2.80	+ 5 32 32.6	−13.1
46	B. D. +19°329	9	4 31.85	− 0.18	+ 1.04	340 55 52.40	44.798	+ 1.97	− 20.8	2 4 32.71	− 3.04	+19 54 25.1	−11.6
47	B. D. +20°348	9	7 34.37	− 0.18	+ 1.04	341 47 52.95	44.660	+ 1.97	− 19.7	2 7 35.23	− 3.06	+20 46 23.6	−11.3
48	B. D. +15°322	9	10 49.89	− 0.18	+ 1.04	336 23 52.18	47.178	+ 1.97	− 26.2	2 10 50.75	− 2.95	+15 23 13.9	−11.7
49	B. D. +21°321	9	13 19.63	− 0.18	+ 1.04	342 29 54.28	43.688	+ 1.97	− 18.9	2 13 20.49	− 3.07	+21 28 3.6	−10.8
50	B. D. +15°329	7	16 42.68	− 0.19	+ 1.04	336 45 53.00	44.405	+ 1.97	− 25.8	2 16 43.53	− 2.95	+15 44 11.8	−11.3
51	ξ Arietis	9	19 48.60	− 0.19	+ 1.04	331 11 52.42	47.750	+ 1.97	− 33.0	2 19 49.45	− 2.85	+10 11 20.5	−11.7
52	B. D. +16°293	9	22 23.25	− 0.19	+ 1.04	337 15 52.35	42.715	+ 1.97	− 25.2	2 22 24.10	− 2.95	+16 13 33.1	−10.9
53	B. D. +19°365	9	25 24.13	− 0.19	+ 1.04	340 27 53.28	44.960	+ 1.97	− 21.3	2 25 24.98	− 3.01	+19 26 29.2	−10.2
54	B. D. +22°368	8	29 20.22	− 0.19	+ 1.04	343 33 54.05	47.600	+ 1.97	− 17.7	2 29 21.07	− 3.07	+22 33 33.9	− 9.5
55	B. D. +20°433	9	31 27.43	− 0.19	+ 1.04	341 17 51.95	48.112	+ 1.97	− 20.3	2 31 28.28	− 3.02	+20 17 40.9	− 9.7
56	B. D. + 8°407	9	34 0.37	− 0.20	+ 1.04	329 31 51.12	47.180	+ 1.97	− 35.3	2 34 1.21	− 2.80	+ 8 31 3.8	−11.1
57	B. D. +16°330	9	37 9.27	− 0.19	+ 1.04	337 35 52.38	43.002	+ 1.97	− 24.8	2 37 10.12	− 2.94	+16 33 40.1	− 9.8
58	B. D. +13°442	8	39 55.28	− 0.20	+ 1.04	334 51 53.10	45.720	+ 1.97	− 28.2	2 39 56.12	− 2.88	+13 50 39.5	−10.1
59	B. D. +17°442	9	43 17.78	− 0.19	+ 1.04	338 55 51.68	43.112	+ 1.97	− 23.1	2 43 18.63	− 2.95	+17 53 43.6	− 9.2
60	σ Arietis	9	46 20.05	− 0.20	+ **1.09**	335 43 52.30	43.698	+ 1.97	− 27.1	2 46 20.89	....	+14 41 53.6	....
61	B. D. +17°454	9	49 41.01	− 0.19	+ 1.04	338 21 52.60	47.342	+ 1.97	− 23.8	2 49 41.86	− 2.93	+17 21 20.5	− 8.9
62	B. D. +23°392	9	53 10.46	− 0.20	+ 1.03	344 47 53.05	42.365	+ 1.97	− 16.3	2 53 11.29	− 3.06	+23 45 34.7	− 7.6
63	B. D. +17°471	9	55 16.34	− 0.20	+ 1.03	338 39 52.90	44.020	+ 1.97	− 23.4	2 55 17.17	− 2.92	+17 38 5.3	− 8.4
64	α Ceti	9	57 23.72	− 0.22	+ **1.07**	324 45 51.95	43.270	+ 1.97	− 42.4	2 57 24.53	....	+ 3 43 28.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 23 15	......	....	35.6
23 38	29.985	35.9	34.4
0 5	......	....	34.0
0 38	30.00	34.7	33.5
1 30	30.00	34.4	33.5
1 52	......	....	33.2
2 15	30.015	33.8	32.8
2 36	......	....	33.2
3 1	30.02	34.7	33.8

Micrometer bisections are made at II, VI, except as noted below.

5, 7, 21, 29, 39, 47, 55.	Bisections at II, VII.
8.	Bisections at VI, VII.
12.	Bisections at III, VI, VII.
20, 25, 35.	Bisections at I, II.
31.	Bisections at II, VI, VII.

Note.

31. Circle reading increased 10′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	October 11, Hl.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	151 H¹. Cephei	9	7 12.72	− 2.26	+ 0.91	46 17 55.82	45.813	+ 1.48	+1 3.2	4 7 11.37	.....	+85 18 15.0	....
2	A Draconis s. p.	9	28 5.44	+ 0.66	+ 0.91	71 59 57.55	43.565	+ 1.48	+3 4.6	16 28 7.01	.....	+68 58 32.5	....
3	53 Eridani	9	33 54.02	− 0.23	+ 0.85	306 33 50.65	43.620	+ 1.48	−1 21.2	4 33 54.70	.....	−14 29 4.3	....
4	4 Camelopardalis	9	40 13.61	− 0.24	+ 0.91	17 35 54.60	45.318	+ 1.48	+ 19.2	4 40 14.28	.....	+56 35 18.5	....
5	π³ Orionis	9	44 45.81	− 0.16	+ 0.95	327 49 51.15	44.375	+ 1.48	− 37.9	4 44 46.56	.....	+ 6 47 56.7	....
6	ε Ursæ Minoris s. p.	9	55 23.08	+ 1.47	+ 0.90	58 47 55.32	43.903	+ 1.48	+1 39.8	16 55 25.45	.....	+82 11 52.0	....
7	α Aurigæ	9	9 47.09	− 0.16	+ 0.90	6 55 55.02	42.515	+ 1.48	+ 7.4	5 9 47.83	.....	+45 54 3.2	....
8	12 G. Columbæ	9	15 40.13	− 0.29	+ 0.90	293 35 51.80	44.340	+ 1.48	−2 17.4	5 15 40.74	− 1.91	−27 27 42.9	− 9.9
9	χ Aurigæ	9	26 38.41	− 0.13	+ 0.90	353 9 53.42	41.300	+ 1.48	− 7.2	5 26 39.18	.....	+32 7 19.3	....
10	ζ Orionis	9	36 2.19	− 0.16	+ 0.95	319 1 53.28	46.602	+ 1.48	− 52.4	5 36 2.93	.....	− 1 59 24.8	....
11	δ Leporis	8	47 17.89	− 0.23	+ 0.90	300 9 52.42	44.592	+ 1.48	−1 43.6	5 47 18.56	− 1.76	−20 53 2.7	− 8.8
12	β Aurigæ	9	52 40.14	− 0.13	+ 0.90	5 57 56.25	42.728	+ 1.48	+ 6.4	5 52 40.91	.....	+44 56 8.3	....
13	δ Ursæ Minoris s. p.	9	2 14.83	+ 2.88	+ 0.90	54 23 56.82	40.990	+ 1.48	+1 24.5	18 2 18.61	.....	+86 37 12.1	....
14	μ Geminorum	9	17 17.76	− 0.09	+ 0.93	343 35 54.45	42.685	+ 1.48	− 17.8	6 17 18.57	.....	+22 33 41.4	....
15	6 Lyncis	9	22 39.77	− 0.15	+ 0.90	19 15 55.75	40.835	+ 1.48	+ 21.2	6 22 40.52	− 3.07	+58 13 39.3	+17.8
16	γ Geminorum	9	32 18.07	− 0.09	+ 0.91	337 30	......	....	. ....	6 32 18.88	.....	+16 28	....
17	ε Geminorum	9	38 10.22	− 0.08	+ 0.87	346 13 53.60	47.058	+ 1.48	− 14.8	6 38 11.05	.....	+25 13 23.5	....
18	Moon II, S.	9	48 24.87	− 0.08	+ 0.91	338 21 53.22	44.440	+ 1.12	− 23.8	8 48 25.70	−66.59	+17 20 14.0	....
	October 12, Hl.												
19	Sun I, S.	9	6 57.94	− 0.17	+ 0.89	313 31 53.48	44.800	+ 1.45	−1 1.7	13 6 58.66	+65.05	− 7 30 15.4	....
20	Sun II, N.	7	9 8.04	− 0.17	+ 0.89	314 3 52.68	45.135	+ 1.45	−1 0.5	13 9 8.76	−65.05	− 6 58 6.7	....
21	Mercury C, C.	8	55 24.26	− 0.18	+ 0.89	308 39 53.30	47.012	+ 1.49	−1 12.9	13 55 24.97	+ 0.01	−12 21 35.8	....
22	Venus I, N.	9	57 57.11	− 0.25	+ 0.87	295 33 52.95	46.969	+ 1.23	−2 1.1	15 57 57.73	+ 1.26	−25 28 25.6	....
23	η Cephei	8	43 24.25	− 0.25	+ 0.88	22 29 57.08	44.010	+ 1.62	+ 24.6	20 43 24.88	.....	+61 28 56.8	....
24	μ Aquarii	7	47 36.55	− 0.22	+ 0.79	311 41 51.88	45.970	+ 1.62	−1 6.3	20 47 37.21	.....	− 9 19 54.4	....
25	A Capricorni	9	1 39.64	− 0.31	+ 0.88	295 39 53.50	46.232	+ 1.62	−2 2.8	21 1 40.21	− 2.19	−25 22 43.2	−10.3
26	ν Aquarii	9	4 30.03	− 0.24	+ 0.81	309 17 52.80	43.638	+ 1.62	−1 12.5	21 4 30.67	.....	−11 44 52.9	....
27	ι Capricorni	8	17 2.52	− 0.27	+ 0.82	303 47 52.10	47.025	+ 1.62	−1 28.7	21 17 3.13	.....	−17 13 52.4	....
28	b Capricorni	8	23 23.70	− 0.30	+ 0.88	298 49 51.75	45.455	+ 1.62	−1 47.8	21 23 24.28	− 2.25	−22 12 47.7	−11.9
29	ξ Aquarii	9	32 46.53	− 0.24	+ 0.88	312 45 54.42	44.878	+ 1.62	−1 4.3	21 32 47.16	.....	− 8 16 14.8	....
30	κ Pegasi	9	40 24.84	− 0.19	+ 0.87	346 13 55.52	46.502	+ 1.62	− 14.5	21 40 25.52	− 2.25	+25 13 13.2	−24.7
31	Bradley 2868	9	49 59.23	− 0.28	+ 0.87	16 47 56.42	43.495	+ 1.62	+ 18.1	21 49 59.82	− 2.77	+55 46 37.8	−27.9
32	o Aquarii	9	58 28.87	− 0.24	+ 0.87	318 25 53.38	44.458	+ 1.62	− 52.7	21 58 29.50	− 2.30	− 2 36 13.8	−18.2
33	ι Pegasi	9	2 39.78	− 0.21	+ 0.94	345 53 55.95	47.498	+ 1.62	− 14.9	22 2 40.44	.....	+24 53 35.9	....
34	31 Pegasi	9	16 55.22	− 0.22	+ 0.87	332 45 53.35	44.820	+ 1.62	− 30.6	22 16 55.87	− 2.40	+11 44 16.5	−21.5
35	35 H. Ursæ Majoris s. p.	9	36 17.94	+ 0.71	+ 0.87	71 23 57.60	45.090	+ 1.62	+2 56.3	10 36 19.52	+ 1.47	+69 34 5.8	− 2.0
36	Saturn I, C.	5	45 52.43	− 0.41	+ 0.87	310 55 52.80	51.464	+ 1.62	−1 8.6	22 45 52.89	+ 0.67	−10 5 25.4	....
37	Saturn II.	5	45 53.76	− 0.41	+ 0.87	... .	......	....	. ....	22 45 54.22	− 0.66	.. ..	....
	October 12, Ei.-P.												
38	ω Piscium	8	54 31.09	− 0.26	+ 0.94	327 21 47.40	47.022	+ 1.62	− 38.1	23 54 31.81	.....	+ 6 20 53.4	....
39	B. D. + 8°5164	9	57 37.30	− 0.25	+ 0.98	329 27 49.52	45.332	+ 1.62	− 35.2	23 57 38.03	− 2.74	+ 8 26 19.7	−18.5
40	33 Piscium	8	0 33.43	− 0.28	+ 0.99	314 47 49.15	46.310	+ 1.62	−1 0.0	0 0 34.13	.....	− 6 13 43.0	....
41	α Andromedæ	9	3 33.92	− 0.26	+ 1.02	349 35 51.18	45.015	+ 1.62	− 10.9	0 3 34.64	.....	+28 34 38.4	....
42	γ Pegasi	9	8 25.77	− 0.25	+ 0.98	335 41 50.50	44.072	+ 1.62	− 26.9	0 8 25.50	.....	+14 40 0.2	....
43	35 Piscium	9	10 10.31	− 0.25	+ 0.98	329 19 49.20	45.178	+ 1.62	− 35.4	0 10 11.04	− 2.77	+ 8 18 15.7	−18.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 4 13	30.04	31.5	32.8
4 24	......	....	32.5
4 51	......	....	32.1
5 1	30.07	33.5	32.0
5 32	......	....	31.9
5 41	......	....	31.9
6 11	30.09	33.0	31.7
6 28	......	....	31.8
6 47	30.11	33.3	31.8
8 48	30.16	37.3	31.8
12 13 9	30.18	48.5	47.6
13 55	30.17	49.9	49.1
15 58	30.16	51.0	50.3
20 31	30.19	44.9	44.0
20 54	......	....	43.0
21 12	......	....	40.4
21 20	......	....	40.1
21 27	30.195	41.9	....
21 29	......	....	40.8
21 37	......	....	40.7
21 45	......	....	40.8
22 7	......	....	41.0
22 20	......	....	41.0
22 53	30.21	41.1	40.0
23 52	30.205	41.0	40.0

Micrometer bisections are made at II, VI, except as noted below.

1, 6, 13. Bisections at III, IV, V.
4. Bisections at II, VI, VII.
18. Bisections at II, III, IV, V, VI.
19. Bisections at I, II.
20. Bisections at VI, VII.
21, 22, 36. Bisections at I, II, VI, VII.
23. Bisections at III, V.
36. Z. D. threads C used.
41. Bisections at II, VII.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
18	+20 22.6	+15 16.1	...	+35 38.7
19	+ 6.4	+16 4.3	...	+16 10.7
20	+ 6.3	−16 4.3	...	−15 58.0
21	+ 5.0	.. ....	− 0.1	+ 4.9
22	+ 15.6	− 16.9	...	− 1.3
36	+ 0.8	.. ....	...	+ 0.8

Notes.

1–17. Conditions poor.
3, 8, 11. Faint.
35. Micrometer reading decreased 1 rev.
40. Circle reading increased 20′.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. − 2°31	8	13 1.81	− 0.27	+ 0.98	318 37 49.22	48.352	+ 1.62	− 52.5	0 13 2.52	− 2.69	− 2 22 48.8	−17.0
2	ι Ceti	9	14 40.31	− 0.29	**+ 1.00**	311 41 48.55	44.820	+ 1.62	−1 7.0	0 14 41.00	.....	− 9 20 24.6	....
3	B. D. − 5°49	9	17 28.47	− 0.27	+ 0.98	315 19 48.88	44.232	+ 1.62	− 59.0	0 17 29.18	− 2.68	− 5 42 29.8	−16.5
4	B. D. + 0°54	9	21 25.07	− 0.26	+ 0.98	321 39 49.52	47.472	+ 1.62	− 47.2	0 21 25.79	− 2.72	+ 0 38 56.7	−17.1
5	B. D. + 2°54	9	22 32.84	− 0.26	+ 0.98	323 19 51.20	44.642	+ 1.62	− 44.4	0 22 33.56	− 2.74	+ 2 17 56.5	−17.2
6	B. D. + 4°63	9	25 20.69	− 0.25	+ 0.98	325 21 50.05	46.570	+ 1.62	− 41.2	0 25 21.42	− 2.76	+ 4 20 42.6	−17.2
7	B. D. − 3°67	9	29 29.54	− 0.27	+ 0.98	318 5 50.00	49.168	+ 1.62	− 53.5	0 29 30.25	− 2.71	− 2 54 30.4	−16.6
8	B. D. + 8°80	9	31 34.63	− 0.25	+ 0.98	329 21 50.52	48.985	+ 1.62	− 35.3	0 31 35.36	− 2.81	+ 8 21 44.1	−17.2
9	B. D. − 1°75	9	33 18.14	− 0.26	+ 0.98	319 59 50.18	47.905	+ 1.62	− 50.1	0 33 18.86	− 2.73	− 1 0 55.7	−16.6
10	B. D. + 8°94	9	36 22.45	− 0.25	+ 0.98	329 51 50.42	46.530	+ 1.62	− 34.6	0 36 23.18	− 2.82	+ 8 50 48.6	−17.1
11	B. D. − 0°109	9	40 22.41	− 0.26	+ 0.98	320 45 49.35	46.928	+ 1.62	− 48.7	0 40 23.13	− 2.74	− 0 15 17.4	−16.4
12	B. D. + 1°142	7	43 25.52	− 0.25	+ 0.98	323 13 50.20	48.230	+ 1.62	− 44.6	0 43 26.25	− 2.76	+ 2 13 17.3	−16.5
13	B. D. +11°102	9	45 19.62	− 0.24	+ 0.98	332 19 49.22	48.128	+ 1.62	− 31.3	0 45 20.36	− 2.86	+11 19 27.2	−16.8
14	B. D. +12°104	9	47 35.51	− 0.24	+ 0.98	334 9 48.38	45.798	+ 1.62	− 28.9	0 47 36.25	− 2.89	+13 8 35.6	−16.7
15	B. D. +12°108	9	50 7.45	− 0.24	+ 0.98	333 21 48.95	45.800	+ 1.62	− 29.9	0 50 8.19	− 2.89	+12 20 35.2	−16.6
16	B. D. + 0°149	9	52 51.94	− 0.25	+ 0.98	322 17 48.68	47.362	+ 1.62	− 46.1	0 52 52.67	− 2.76	+ 1 16 54.4	−16.1
17	B. D. + 5°131	9	54 59.36	− 0.25	+ 0.98	326 59 48.60	46.925	+ 1.62	− 38.8	0 55 0.09	− 2.81	+ 5 58 51.6	−16.2
18	B. D. +13°150	7	57 39.32	− 0.24	+ 0.98	334 45 50.05	47.018	+ 1.62	− 28.1	0 57 40.06	− 2.92	+13 45 5.9	−16.2
19	B. D. + 6°155	9	59 58.64	− 0.24	+ 0.98	327 33 49.00	47.118	+ 1.62	− 37.9	0 59 59.38	− 2.82	+ 6 32 57.3	−16.0
20	B. D. +12°135	9	1 39.00	− 0.24	+ 0.98	333 27 49.45	47.955	+ 1.62	− 29.8	1 1 39.74	− 2.90	+12 27 25.0	−16.0
21	B. D. + 9°132	9	3 29.06	− 0.24	+ 0.98	330 25 50.00	46.152	+ 1.62	− 33.9	1 3 29.80	− 2.86	+ 9 24 40.3	−15.9
22	B. D. + 9°138	9	6 35.50	− 0.24	+ 0.98	330 49 50.30	43.870	+ 1.62	− 33.3	1 6 36.24	− 2.87	+ 9 47 49.0	−15.7
23	ζ¹ Piscium	9	8 51.23	− 0.24	**+ 1.02**	328 5 49.02	47.158	+ 1.62	− 37.1	1 8 51.96	.....	+ 7 4 59.1	....
24	B. D. + 1°238	9	11 47.02	− 0.25	+ 0.97	323 15 50.50	46.512	+ 1.62	− 44.5	1 11 47.74	− 2.78	+ 2 14 38.4	−15.5
25	B. D. +14°204	8	15 42.53	− 0.23	+ 0.97	336 13 51.35	45.228	+ 1.62	− 26.3	1 15 43.27	− 2.96	+15 12 28.1	−15.2
26	B. D. + 3°190	9	17 53.46	− 0.24	+ 0.97	325 15 50.30	47.595	+ 1.62	− 41.3	1 17 54.19	− 2.81	+ 4 15 6.2	−15.3
27	B. D. + 9°167	9	21 3.24	− 0.24	+ 0.97	330 55 50.02	47.905	+ 1.62	− 33.1	1 21 3.97	− 2.88	+ 9 55 21.1	−15.0
28	B. D. + 8°238	9	24 16.74	− 0.24	+ 0.97	330 13 50.08	43.822	+ 1.62	− 34.2	1 24 17.47	− 2.87	+ 9 11 46.8	−14.9
29	B. D. +15°227	9	26 54.67	− 0.23	+ 0.97	336 35 50.32	44.735	+ 1.62	− 25.8	1 26 55.41	− 2.97	+15 34 16.3	−14.5
30	B. D. +11°201	9	29 54.06	− 0.23	+ 0.97	333 5 50.08	46.615	+ 1.62	− 30.3	1 29 54.80	− 2.91	+12 4 54.5	−14.5
31	B. D. + 5°218	9	31 48.79	− 0.24	+ 0.97	327 15 49.15	46.185	+ 1.62	− 38.4	1 31 49.52	− 2.83	+ 6 14 35.7	−14.6
32	B. D. +15°245	8	34 38.68	− 0.23	+ 0.97	336 57 50.58	43.980	+ 1.62	− 25.4	1 34 39.42	− 2.98	+15 55 59.7	−14.0
33	B. D. + 9°206	9	37 39.88	− 0.24	+ 0.97	330 47 49.62	45.745	+ 1.62	− 33.4	1 37 40.61	− 2.88	+ 9 46 31.1	−14.2
34	B. D. + 5°240	9	41 20.84	− 0.24	+ 0.97	327 5 49.55	45.092	+ 1.62	− 38.6	1 41 21.57	− 2.83	+ 6 4 10.9	−14.1
35	B. D. + 6°275	9	43 46.39	− 0.24	+ 0.97	328 13 48.50	47.800	+ 1.62	− 37.0	1 43 47.12	− 2.84	+ 7 13 13.3	−14.0
36	54 Ceti	9	45 54.79	− 0.23	+ 0.97	331 35 50.20	46.785	+ 1.62	− 32.3	1 45 55.53	− 2.89	+10 34 56.5	−13.7
37	γ Arietis (*south*)	9	48 24.51	− 0.23	+ 0.97	339 51 50.55	44.478	+ 1.62	− 21.9	1 48 25.25	− 3.03	+18 50 14.5	−13.0
38	B. D. + 8°292	9	49 26.39	− 0.23	+ 0.97	329 21 49.02	42.852	+ 1.62	− 35.4	1 49 27.13	− 2.86	+ 8 19 22.4	−13.6
39	B. D. +11°261	9	54 25.93	− 0.23	+ 0.97	332 51 50.38	45.788	+ 1.62	− 30.6	1 54 26.67	− 2.91	+11 50 35.6	−13.1
40	B. D. +15°292	9	56 5.16	− 0.23	+ 0.97	337 7 49.20	46.378	+ 1.62	− 25.2	1 56 5.90	− 2.98	+16 6 53.3	−12.7
41	B. D. +17°307	8	58 35.42	− 0.23	+ 0.97	338 49 49.78	44.818	+ 1.62	− 23.1	1 58 36.16	− 3.01	+17 48 20.4	−12.4
42	B. D. +13°333	9	1 38.34	− 0.23	+ 0.97	335 9 48.32	45.140	+ 1.62	− 27.6	2 1 39.08	− 2.94	+14 8 21.7	−12.5
43	B. D. + 8°330	8	3 22.59	− 0.23	+ 0.97	329 25 49.78	45.740	+ 1.62	− 35.3	2 3 23.33	− 2.85	+ 8 24 29.2	−12.9
44	B. D. +20°341	9	6 8.86	− 0.23	+ 0.97	341 57 51.22	44.465	+ 1.62	− 19.5	2 6 9.60	− 3.07	+20 56 17.3	−11.5
45	ξ¹ Ceti	9	8 3.06	− 0.23	**+ 1.00**	329 25 48.88	46.095	+ 1.62	− 35.3	2 8 3.80	.....	+ 8 24 36.4	....
46	B. D. +16°266	9	11 55.86	− 0.22	+ 0.97	337 53 49.22	46.760	+ 1.62	− 24.2	2 11 56.61	− 2.98	+16 53 3.1	−11.6
47	B. D. +19°346	9	15 20.32	− 0.23	+ 0.97	340 43 49.70	43.265	+ 1.62	− 20.9	2 15 21.06	− 3.04	+19 41 46.9	−11.0
48	B. D. +10°318	9	18 13.83	− 0.23	+ 0.97	331 25 49.40	46.318	+ 1.62	− 32.5	2 18 14.57	− 2.87	+10 24 44.9	−11.9
49	B. D. +18°305	9	21 2.08	− 0.22	+ 0.97	339 29 49.62	46.895	+ 1.62	− 22.3	2 21 2.83	− 3.01	+18 29 8.4	−10.8
50	B. D. +13°395	9	23 28.64	− 0.22	+ 0.97	334 29 49.02	43.218	+ 1.62	− 28.5	2 23 29.39	− 2.91	+13 27 37.6	−11.2
51	B. D. +14°419	8	27 47.32	− 0.22	+ 0.97	335 37 49.00	47.620	+ 1.62	− 27.1	2 27 48.07	− 2.93	+14 37 19.6	−10.8
52	128 H¹. Ceti	9	30 57.68	− 0.23	+ 0.97	327 27 48.72	46.048	+ 1.62	− 38.2	2 30 58.42	.....	+ 6 26 32.3	....
53	ν Arietis	9	33 30.89	− 0.22	**+ 1.00**	342 33 50.62	47.640	+ 1.62	− 18.8	2 33 31.64	.....	+21 33 30.0	....
	October 12, P.												
54	Moon II S	9	42 24.11	− 0.18	+ 0.89	335 29 49.15	43.248	+ 1.74	− 27.0	9 42 24.82	−66.61	+14 27 40.7	....
	October 13, P.												
55	Sun I, N	9	10 39.92	− 0.22	+ 0.87	313 41 50.95	43.715	+ 1.48	−1 1.0	13 10 40.57	+64.99	− 7 20 42.0	....
56	Sun II, S	9	12 49.90	− 0.22	+ 0.87	313 9 50.52	43.515	+ 1.48	−1 2.1	13 12 50.55	−64.99	− 7 52 47.4	....
57	Mercury C, C	9	1 12.53	− 0.24	+ 0.87	308 1 51.08	45.149	+ 2.07	−1 14.1	14 1 13.16	+ 0.01	−13 0 21.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 0 12	......	....	39.2
0 37	30.205	40.2	39.0
0 57	......	....	39.0
1 13	30.205	40.0	39.3
1 34	......	....	39.0
1 52	30.21	39.6	38.8
2 13	......	....	38.7
2 35	30.22	39.0	37.9
9 44	30.35	44.8	44.1
13 13 13	30.355	54.3	53.0
14 8	30.33	55.3	54.9

Micrometer bisections are made at II, VI, except as noted below.

1, 21, 38, 47, 49, 51.	Bisections at II, VII.
2, 28, 43, 56.	Bisections at VI, VII.
4, 6, 37, 55.	Bisections at I, II.
54.	Bisections at III, IV, V, VI.
57.	Bisections at I, II, VI, VII.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
54	+23 18.2	+15 29.7	...	+38 47.9
55	+ 6.3	−16 2.7	...	−15 56.4
56	+ 6.4	+16 2.6	...	+16 9.0
57	+ 5.0	.. ....	− 0.1	+ 4.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Cygni	9	8 57.59	− 0.27	+ **0.84**	350 51 52.95	45.620	+ 2.26	− 9.4	21 8 58.13	....	+29 50 56.1	....
2	ι Capricorni	9	17 2.58	− 0.33	+ **0.80**	303 47 49.42	47.048	+ 2.26	−1 27.8	21 17 3.06	....	−17 13 53.0	....
3	b Capricorni	9	23 23.69	− 0.35	+ 0.80	298 49 48.22	45.538	+ 2.26	−1 46.6	21 23 24.14	− 2.23	−22 12 47.5	−11.8
4	74 Cygni	9	33 12.63	− 0.29	+ 0.80	0 59 52.35	47.852	+ 2.26	+ 1.1	21 33 13.14	....	+39 59 57.0	....
5	41 Capricorni	9	36 41.59	− 0.36	+ 0.80	297 21 47.38	45.070	+ 2.26	−1 53.4	21 36 42.03	− 2.30	−23 41 5.8	−11.6
6	δ Capricorni	8	41 53.06	− 0.32	+ **0.80**	304 29 48.48	44.055	+ 2.26	−1 25.6	21 41 53.54	....	−16 33 0.2	....
7	158 B. Cephei	9	51 44.93	− 0.76	+ 0.80	34 15 56.45	46.017	− 0.52	+ 40.3	21 51 44.97	....	+73 15 55.7	....
8	ν Pegasi	9	0 58.14	− 0.26	+ 0.80	325 37 50.05	45.342	+ 2.26	− 40.3	22 0 58.68	− 2.30	+ 4 36 16.0	−20.0
9	θ Pegasi	9	5 29.34	− 0.26	+ **0.78**	326 45 49.45	45.812	+ 2.26	− 38.6	22 5 29.88	....	+ 5 44 27.9	....
	October 13, Ei.-P.												
10	θ Aquarii	9	11 54.28	− 0.29	+ **0.84**	312 45 50.28	48.825	+ 2.26	−1 3.7	22 11 54.81	....	− 8 14 47.5	....
11	γ Aquarii	9	16 49.96	− 0.27	+ **0.80**	319 9 50.78	46.775	+ 2.26	− 51.0	22 16 50.51	....	− 1 51 21.1	....
12	B. D. − 9°5978	9	21 52.12	− 0.29	+ 0.82	312 1 49.25	48.210	+ 2.26	−1 5.4	22 21 52.65	− 2.38	− 8 59 4.3	−16.6
13	B. D. −16°6092	9	23 51.71	− 0.31	+ 0.82	304 23 48.20	47.545	+ 2.26	−1 26.0	22 23 52.22	− 2.41	−16 37 41.1	−14.6
14	η Aquarii	8	30 33.54	− 0.26	+ **0.75**	320 25 49.80	45.540	+ 2.26	− 48.8	22 30 34.10	....	− 0 35 48.1	....
15	ζ Pegasi	9	36 48.32	− 0.25	+ **0.86**	331 21 50.80	46.342	+ 2.26	− 32.2	22 36 48.89	....	+10 20 47.7	....
	October 13, P.												
16	λ Pegasi	9	42 2.19	− 0.25	+ **0.80**	344 5 51.40	45.332	+ 2.26	− 16.8	22 42 2.74	....	+23 4 40.6	....
17	Saturn I, C	5	45 41.47	− 0.29	+ 0.80	310 55 48.95	48.960	+ 2.26	−1 8.0	22 45 41.98	+ 0.63	−10 6 25.2	....
18	Saturn II	5	45 42.73	− 0.29	+ 0.80	... .	....	....	. ....	22 45 43.24	− 0.63	.. ..	....
19	δ Aquarii	9	49 41.78	− 0.31	+ **0.80**	304 43 48.62	44.042	+ 2.26	−1 25.0	22 49 42.27	....	−16 18 59.7	....
20	3 Andromedæ	9	0 0.41	− 0.32	+ 0.80	10 33 53.55	44.568	+ 2.26	+ 11.1	23 0 0.89	− 3.26	+49 32 53.2	−24.4
	October 13, Ei.-P.												
21	φ Aquarii	9	9 29.29	− 0.27	+ **0.80**	314 27 48.05	48.055	+ 2.26	−1 0.1	23 9 29.84	....	− 6 33 3.7	....
22	γ Piscium	9	12 19.64	− 0.25	+ **0.78**	323 47 50.48	45.905	+ 2.26	− 43.2	23 12 20.20	....	+ 2 46 26.5	....
23	B. D. − 4°5868	9	15 25.44	− 0.26	+ 0.81	316 35 50.25	46.480	+ 2.26	− 55.8	23 15 25.99	− 2.56	− 4 25 33.2	−17.5
24	υ Pegasi	9	20 43.39	− 0.24	+ **0.83**	343 53 51.88	47.688	+ 2.26	− 17.0	23 20 43.96	....	+22 53 34.7	....
25	κ Piscium	8	22 8.83	− 0.25	+ **0.87**	321 45 50.60	46.925	+ 2.26	− 46.5	23 22 9.39	....	+ 0 44 46.6	....
	October 14, Hl.												
26	η Piscium	9	26 29.78	− 0.26	+ **0.56**	335 51 51.52	49.078	+ 2.92	− 25.9	1 26 30.09	....	+14 51 57.9	....
27	π Piscium	9	32 9.51	− 0.27	+ **0.51**	332 39 48.52	49.282	+ 2.92	− 29.9	1 32 9.80	....	+11 39 55.6	....
28	B. D. +37°382	9	44 59.28	− 0.26	+ 0.56	358 51 52.68	44.250	+ 2.92	− 1.1	1 44 59.58	− 3.58	+37 50 33.5	−11.9
29	B. D. +39°434	9	49 17.59	− 0.27	+ 0.56	1 15 52.28	44.585	+ 2.92	+ 1.3	1 49 17.88	− 3.68	+40 14 43.1	−11.2
30	B. D. +37°455	9	55 21.72	− 0.26	+ 0.56	359 13 52.22	47.952	+ 2.92	− 0.7	1 55 22.02	− 3.60	+38 13 58.0	−10.9
31	B. D. +39°464	9	0 8.24	− 0.26	+ 0.56	0 19 52.35	44.888	+ 2.92	+ 0.4	2 0 8.54	− 3.65	+39 18 49.2	−10.3
32	B. D. +38°425	9	5 13.82	− 0.27	+ 0.56	359 35 51.78	47.948	+ 2.92	− 0.3	2 5 14.11	− 3.62	+38 35 57.9	− 9.9
33	B. D. +36°446	9	10 17.69	− 0.26	+ 0.56	357 21 51.05	43.462	+ 2.92	− 2.6	2 10 17.99	− 3.61	+38 20 12.4	− 9.5
34	B. D. +37°536	9	16 4.30	− 0.26	+ 0.56	359 5 51.95	45.105	+ 2.92	− 0.9	2 16 4.60	− 3.60	+38 4 52.5	− 9.0
35	B. D. +36°491	9	21 34.00	− 0.26	+ 0.56	357 33 51.42	45.108	+ 2.92	− 2.4	2 21 34.30	− 3.54	+36 32 50.5	− 8.7
36	B. D. +36°512	9	27 11.96	− 0.26	+ 0.56	357 55 52.02	46.388	+ 2.92	− 2.0	2 27 12.26	− 3.55	+36 55 20.8	− 8.1
37	B. D. +38°527	9	33 2.23	− 0.27	+ 0.56	359 45 51.35	44.835	+ 2.92	− 0.2	2 33 2.52	− 3.62	+38 44 46.4	− 7.3
38	μ Ceti	8	39 54.16	− 0.27	+ **0.52**	330 43 50.00	47.595	+ 2.92	− 32.5	2 39 54.45	....	+ 9 43 16.0	....
39	B. D. +36°582	9	46 22.10	− 0.27	+ 0.56	357 43 51.78	44.408	+ 2.92	− 2.2	2 46 22.39	− 3.52	+36 42 35.1	− 6.4
40	B. D. +39°687	9	54 55.76	− 0.27	+ 0.56	1 3 51.80	44.775	+ 2.92	+ 1.1	2 54 56.05	− 3.65	+40 2 46.8	− 5.0
41	B. D. +36°628	9	59 43.00	− 0.27	+ 0.56	357 27 52.05	43.175	+ 2.92	− 2.5	2 59 43.29	− 3.49	+36 26 6.9	− 5.2
42	B. D. +38°682	9	10 32.32	− 0.27	+ 0.56	359 17 49.90	46.470	+ 2.92	− 0.6	3 10 32.61	− 3.54	+38 17 21.9	− 3.8
43	τ¹ Arietis	[illegible]	15 50.58	− 0.26	+ **0.58**	341 49 50.35	45.395	+ 2.92	− 19.0	3 15 50.88	....	+20 48 39.5	....
44	B. D. +37°771	9	21 24.38	− 0.27	+ 0.55	358 43 51.52	45.648	+ 2.92	− 1.2	3 21 24.66	− 3.49	+37 43 4.2	− 3.0
45	B. D. +37°783	9	26 17.29	− 0.27	+ 0.55	358 45 51.65	44.692	+ 2.92	− 1.2	3 26 17.57	− 3.48	+37 44 42.5	− 2.5
46	B. D. +39°829	9	31 12.97	− 0.28	+ 0.55	0 47 54.40	44.762	+ 2.92	+ 0.9	3 31 13.24	− 3.55	+39 46 48.9	− 1.6
47	B. D. +37°820	9	37 52.02	− 0.27	+ 0.55	359 5 51.98	44.335	+ 2.92	− 0.9	3 37 52.30	− 3.46	+38 4 34.9	− 1.4
48	η Tauri	9	41 56.37	− 0.26	+ **0.60**	344 49 51.08	46.130	+ 2.92	− 15.7	3 41 56.66	....	+23 49 0.3	....
49	γ Eridani	9	53 40.79	− 0.34	+ **0.58**	307 15 47.82	45.372	+ 2.92	−1 16.1	3 53 41.00	....	−13 46 20.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 21 6	30.30	47.9	47.0
21 27	....	....	46.8
21 57	30.30	47.0	46.8
22 14	....	....	46.2
22 38	30.30	46.3	46.1
23 2	....	....	45.6
23 24	30.30	45.9	45.7
14 1 16	30.11	51.7	51.6
1 38	....	....	51.6
2 14	....	....	50.8
2 38	....	....	50.9
2 49	30.085	51.1	....
3 4	....	....	50.3
4 3	30.05	51.3	50.9

Micrometer bisections are made at II, VI, except as noted below.

7. Bisections at b_1, b_3, b_5, b_7, b_9.
17. Z. D. threads C used.
17. Bisections at I, II, VI, VII.
20. Bisections at III, V.
21, 22. Bisections at II, VII.
24. Bisections at I, II.

Notes.

1-49. Conditions poor.
7. Two microscopes used.
15. Micrometer reading increased 1 rev.
28, 30, 34-36, 41, 42, 47. Observed head south.
31, 46. Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
17	+ 0.8	.. ....	...	+ 0.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	October 15, Hl.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	18 5.51	− 0.29	+ 0.47	312 21 55.55	51.518	+ 4.00	−1 1.1	13 18 5.69	+65.14	− 8 37 36.6	....
2	Sun II, N.	9	20 15.79	− 0.29	+ 0.47	312 55 48.95	46.915	+ 4.00	−1 0.0	13 20 15.97	−65.14	− 8 5 26.7	....
3	Mercury C, C.	9	12 46.98	− 0.31	+ 0.46	306 45 45.62	47.145	+ 4.83	−1 14.3	14 12 47.13	+ 0.01	−14 15 38.5	....
4	Venus I, N.	9	7 15.48	− 0.38	+ 0.45	294 57 45.02	47.741	+ 5.29	−1 58.1	16 7 15.55	+ 1.32	−26 4 8.8	....
5	76 Draconis.	9	49 29.37	− 1.03	+ 0.39	43 11 51.22	44.462	+ 4.88	+ 53.3	20 49 28.73	.....	+82 11 33.2	....
6	θ Capricorni.	9	0 41.99	− 0.41	+ 0.38	303 25 44.82	46.295	+ 4.88	−1 25.5	21 0 41.97	.....	−17 36 9.9	....
7	3 Piscis Australis.	9	7 45.35	− 0.46	+ 0.39	293 3 45.65	43.498	+ 4.88	−2 12.2	21 7 45.28	− 2.19	−27 59 59.7	− 9.2
8	4 Piscis Australis.	9	12 16.84	− 0.50	+ 0.39	288 29 43.45	45.665	+ 4.88	−2 47.4	21 12 16.73	.....	−32 33 47.5	....
9	ι Capricorni.	9	17 3.04	− 0.41	+ 0.39	303 47 43.65	47.078	+ 4.88	−1 24.4	21 17 3.02	.....	−17 13 52.1	....
10	1 H. Draconis S. P.	9	23 41.99	+ 0.80	+ 0.39	59 13 49.20	48.865	+ 4.88	+1 35.5	9 23 43.18	.....	+81 44 5.6	....
11	41 Capricorni.	9	36 42.11	− 0.44	+ 0.39	297 21 43.32	44.955	+ 4.88	−1 49.2	21 36 42.06	− 2.27	−23 41 5.7	−11.4
12	κ Pegasi.	9	40 25.47	− 0.31	+ 0.39	346 13 48.92	46.640	+ 4.88	− 13.9	21 40 25.55	− 2.20	+25 13 13.6	−24.8
13	μ Capricorni.	9	48 12.68	− 0.39	+ 0.33	307 1 44.88	47.825	+ 4.88	−1 15.2	21 48 12.68	.....	−13 59 24.6	....
14	ν Pegasi.	9	0 58.60	− 0.34	+ 0.38	325 37 49.52	45.230	+ 4.88	− 38.9	22 0 58.64	− 2.27	+ 4 36 17.0	−19.9
15	θ Pegasi.	9	5 29.78	− 0.33	+ 0.39	326 45 45.42	45.818	+ 4.88	− 37.2	22 5 29.83	.....	+ 5 44 28.0	....
16	θ Aquarii.	9	11 54.77	− 0.37	+ 0.40	312 47 47.42	43.488	+ 4.88	−1 1.4	22 11 54.78	.....	− 8 14 47.4	....
17	π Aquarii.	9	20 30.90	− 0.34	+ 0.40	321 55 45.90	45.832	+ 4.88	− 44.5	22 20 30.94	.....	+ 0 54 21.5	....
18	β Piscis Australis.	9	26 12.48	− 0.50	+ 0.38	288 13 45.32	46.438	+ 4.88	−2 50.6	22 26 12.36	− 2.51	−32 49 31.2	−10.0
19	49 G. Piscis Australis.	9	33 35.66	− 0.51	+ 0.38	287 29 42.90	45.439	+ 4.88	−2 58.2	22 33 35.53	− 2.54	−33 34 4.0	− 9.9
20	Saturn I, C.	5	45 20.65	− 0.38	+ 0.38	310 53 47.52	49.018	+ 4.88	−1 5.6	22 45 20.65	+ 0.65	−10 8 20.3	....
21	Saturn II.	5	45 21.94	− 0.38	+ 0.38	.. ..	.....	....	.....	22 45 21.94	− 0.64	.. ..	....
	October 15, Ei.-P.												
22	γ Pegasi.	9	8 26.34	− 0.34	+ 0.50	335 41 50.42	43.835	+ 4.80	− 25.7	0 8 26.49	.....	+14 39 59.1	....
23	B. D.− 2°34.	9	13 32.28	− 0.37	+ 0.49	318 29 49.60	45.195	+ 4.80	− 50.2	0 13 32.40	− 2.69	− 2 31 55.1	−16.8
24	ι Ceti.	9	14 40.87	− 0.38	+ 0.53	311 41 48.08	44.525	+ 4.80	−1 3.7	0 14 40.98	.....	− 9 20 25.4	....
25	B. D.+ 6°30.	9	17 12.17	− 0.35	+ 0.49	327 31 49.58	43.615	+ 4.80	− 36.2	0 17 12.31	− 2.76	+ 6 29 42.8	−17.7
26	44 Piscium.	9	20 37.60	− 0.36	+ 0.53	322 27 48.80	43.282	+ 4.80	− 43.6	0 20 37.73	.....	+ 1 25 27.0	....
27	B. D.+ 8°51.	9	22 4.03	− 0.34	+ 0.49	329 49 49.45	44.815	+ 4.80	− 33.0	0 22 4.18	− 2.80	+ 8 48 13.3	−17.7
28	B. D.− 1°52.	9	25 8.48	− 0.36	+ 0.49	319 23 48.10	45.435	+ 4.80	− 48.7	0 25 8.61	− 2.71	− 1 37 49.6	−16.7
29	B. D.+ 2°67.	9	29 7.11	− 0.35	+ 0.49	323 49 47.70	45.740	+ 4.80	− 41.5	0 29 7.25	− 2.75	+ 2 48 24.2	−17.0
30	B. D.+ 3°70.	9	30 41.11	− 0.35	+ 0.49	324 47 49.28	46.905	+ 4.80	− 40.0	0 30 41.25	− 2.76	+ 3 46 53.9	−17.0
31	B. D.+ 2°80.	9	32 42.69	− 0.36	+ 0.49	323 37 48.25	48.515	+ 4.80	− 41.8	0 32 42.82	− 2.76	+ 2 37 27.8	−16.8
32	B. D.− 2°87.	9	35 47.11	− 0.37	+ 0.49	318 43 49.70	47.990	+ 4.80	− 49.8	0 35 47.23	− 2.72	− 2 16 50.7	−16.3
33	B. D.+ 1°124.	9	38 30.42	− 0.36	+ 0.49	322 33 48.78	46.318	+ 4.80	− 43.5	0 38 30.55	− 2.76	+ 1 32 36.4	−16.6
34	B. D.− 3°99.	9	42 51.64	− 0.37	+ 0.49	318 11 48.40	45.480	+ 4.80	− 50.8	0 42 51.76	− 2.73	− 2 49 50.4	−16.1
35	B. D.+11°106.	9	46 42.24	− 0.34	+ 0.49	333 17 49.58	45.932	+ 4.80	− 28.6	0 46 42.39	− 2.89	+12 16 43.3	−16.9
36	B. D.+10°105.	8	48 58.85	− 0.34	+ 0.49	331 37 49.05	46.905	+ 4.80	− 30.7	0 48 59.00	− 2.87	+10 37 2.9	−16.7
37	B. D.− 0°146.	9	52 26.75	− 0.36	+ 0.49	320 51 48.48	45.715	+ 4.80	− 46.2	0 52 26.88	− 2.76	− 0 9 40.3	−16.0
38	B. D.− 1°124.	9	54 34.58	− 0.36	+ 0.49	319 49 48.65	48.618	+ 4.80	− 48.0	0 54 34.71	− 2.75	− 1 10 35.6	−15.9
39	B. D.+ 9°116.	9	57 4.84	− 0.34	+ 0.49	330 35 49.38	47.690	+ 4.80	− 32.0	0 57 4.99	− 2.87	+ 9 35 19.9	−16.3
40	26 Ceti.	9	59 1.39	− 0.36	+ 0.49	321 53 47.55	45.018	+ 4.80	− 44.6	0 59 1.52	− 2.78	+ 0 52 4.4	−15.8
41	B. D.+ 2°155.	9	1 17.51	− 0.35	+ 0.49	323 47 49.55	46.145	+ 4.80	− 41.6	1 1 17.65	− 2.80	+ 2 46 35.2	−15.9
42	B. D.+15°164.	9	2 56.19	− 0.34	+ 0.49	336 23 49.62	43.892	+ 4.80	− 24.8	1 2 56.34	− 2.96	+15 22 0.5	−16.1
43	B. D.+15°123.	9	6 7.16	− 0.33	+ 0.49	337 17 48.88	46.292	+ 4.80	− 23.8	1 6 7.32	− 2.98	+16 16 55.6	−15.9
44	B. D.+ 1°223.	9	7 44.05	− 0.36	+ 0.49	322 59 47.95	46.802	+ 4.80	− 42.8	1 7 44.18	− 2.79	+ 1 58 47.4	−15.6
45	B. D.+ 9°142.	9	10 54.44	− 0.34	+ 0.49	330 17 47.80	48.210	+ 4.80	− 32.4	1 10 54.59	− 2.88	+ 9 17 29.8	−15.6
46	B. D.+ 7°197.	9	14 36.33	− 0.34	+ 0.49	328 55 49.32	45.240	+ 4.80	− 34.3	1 14 36.48	− 2.86	+ 7 54 21.5	−15.4
47	B. D.+ 9°158.	9	17 50.22	− 0.34	+ 0.49	330 53 49.32	47.050	+ 4.80	− 31.6	1 17 50.37	− 2.89	+ 9 53 5.6	−15.3
48	B. D.+13°207.	9	19 23.07	− 0.34	+ 0.49	334 25 49.68	46.480	+ 4.80	− 27.2	1 19 23.22	− 2.95	+13 24 57.3	−15.2
49	B. D.+ 7°213.	9	23 29.80	− 0.35	+ 0.49	328 29 48.95	46.258	+ 4.80	− 34.8	1 23 29.94	− 2.87	+ 7 28 43.9	−15.0
50	η Piscium.	9	26 29.99	− 0.34	+ 0.43	335 51 50.42	48.990	+ 4.80	− 25.5	1 26 30.14	.....	+14 51 57.1	....
51	B. D.+ 8°245.	8	29 1.81	− 0.35	+ 0.49	329 31 48.02	46.795	+ 4.80	− 33.4	1 29 1.95	− 2.88	+ 8 30 56.7	−14.7
52	B. D.+ 6°244 (*south*).	9	31 10.28	− 0.35	+ 0.49	328 11 47.60	44.710	+ 4.80	− 35.3	1 31 10.42	− 2.86	+ 7 10 6.7	−14.7
53	B. D.+11°207.	9	32 43.36	− 0.34	+ 0.49	332 37 47.65	44.700	+ 4.80	− 29.5	1 32 43.51	− 2.93	+11 36 12.3	−14.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 13 20	30.025	66.3	68.6
14 16	30.01	66.9	70.9
16 7	29.99	71.6	73.1
20 43	29.97	62.2	62.0
20 57	......	....	61.1
21 30	......	....	60.0
21 45	......	....	59.0
21 53	......	....	59.0
22 15	29.965	59.2	58.9
22 31	......	....	58.6
22 49	29.965	59.0	59.0
0 6	29.945	58.7	59.0
0 24	......	....	59.0
0 40	29.94	58.5	59.0
0 56	......	....	58.3
1 12	29.935	58.0	58.2
1 35	......	....	58.0

Micrometer bisections are made at II, VI, except as noted below.

1, 23, 26.	Bisections at I, II.
2, 16.	Bisections at VI, VII.
3, 4, 19, 20.	Bisections at I, II, VI, VII.
5, 10.	Bisections at III, IV, V.
8.	Bisections at II, VI, VII.
20.	Z. D. threads C used.
28, 31, 36, 40, 45.	Bisections at II, VII.
51.	Bisections at III, VI.

Notes.

1.	Circle reading decreased 2′.
10.	Micrometer reading increased 1 rev.
15, 19.	Faint.
22–45.	Images poor and very unsteady.
46–53.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.5	+16 4.9	...	+16 11.4
2	+ 6.4	−16 4.9	...	−15 58.5
3	+ 5.2	.. ..	− 0.1	+ 5.1
4	+ 16.4	− 17.7	...	− 1.3
20	+ 0.8	.. ..	...	+ 0.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ν Piscium	9	36 35.00	− 0.35	+ **0.51**	326 1 49.05	47.072	+ 4.80	− 38.3	1 36 35.14	.....	+ 5 0 59.1	....
2	B. D.+13°270	9	39 25.86	− 0.34	+ 0.48	334 35 50.12	47.495	+ 4.80	− 27.0	1 39 26.00	− 2.96	+13 35 21.1	−14.1
3	B. D.+16°203	9	43 7.74	− 0.33	+ 0.48	337 29 48.40	47.840	+ 4.80	− 23.5	1 43 7.89	− 3.01	+16 29 30.8	−13.7
4	B. D.+ 3°249	9	46 10.43	− 0.35	+ 0.48	324 47 49.10	43.538	+ 4.80	− 40.1	1 46 10.56	− 2.82	+ 3 45 36.6	−14.0
5	ξ Piscium	9	48 43.97	− 0.35	+ **0.50**	323 45 49.12	43.780	+ 4.80	− 41.7	1 48 44.10	.....	+ 2 43 40.8	....
6	B. D.+16°217	9	50 27.08	− 0.33	+ 0.48	337 45 49.12	43.678	+ 4.80	− 23.2	1 50 27.23	− 3.02	+16 43 56.7	−13.2
7	B. D.+ 5°276	9	55 18.75	− 0.35	+ 0.48	327 13 48.25	44.752	+ 4.80	− 36.6	1 55 18.88	− 2.85	+ 6 12 7.0	−13.5
8	B. D.+ 7°313	9	56 57.17	− 0.34	+ 0.48	328 25 47.82	46.845	+ 4.80	− 34.9	1 56 57.31	− 2.87	+ 7 24 56.1	−13.4
9	B. D.+16°237	9	0 37.40	− 0.33	+ 0.48	338 13 48.95	44.590	+ 4.80	− 22.7	2 0 37.55	− 3.03	+17 12 17.9	−12.6
10	B. D.+17°315	9	2 39.10	− 0.33	+ 0.48	338 35 50.58	46.715	+ 4.80	− 22.3	2 2 39.25	− 3.04	+17 35 8.5	−12.4
11	B. D.+16°247	9	4 15.91	− 0.33	+ 0.48	337 47 48.72	47.085	+ 4.80	− 23.2	2 4 16.06	− 3.02	+16 47 14.2	−12.3
12	B. D.+ 9°280	9	7 31.92	− 0.34	+ 0.48	330 53 48.95	48.138	+ 4.80	− 31.6	2 7 32.06	− 2.90	+ 9 53 30.1	−12.6
13	B. D.+11°300	9	9 12.03	− 0.34	+ 0.48	332 51 50.42	46.418	+ 4.80	− 29.1	2 9 12.17	− 2.93	+11 50 54.7	−12.4
14	B. D.+ 6°342	9	11 24.49	− 0.35	+ 0.48	327 33 47.42	45.390	+ 4.80	− 36.1	2 11 24.62	− 2.85	+ 6 32 21.3	−12.7
15	θ Arietis	9	12 56.61	− 0.33	+ 0.48	340 29 50.20	44.200	+ 4.80	− 20.1	2 12 56.76	− 3.07	+19 28 12.8	−11.5
16	B. D.+ 8°364	9	16 25.07	− 0.34	+ 0.48	329 27 47.55	47.525	+ 4.80	− 33.5	2 16 25.21	− 2.87	+ 8 27 12.8	−12.3
17	B. D.+ 9°313	9	19 11.13	− 0.34	+ 0.48	330 51 49.68	46.802	+ 4.80	− 31.7	2 19 11.27	− 2.89	+ 9 51 0.2	−12.0
18	B. D.+22°347	9	21 41.98	− 0.33	+ 0.48	343 27 49.95	47.600	+ 4.80	− 16.8	2 21 42.13	− 3.13	+22 27 33.5	−10.6
19	B. D.+20°404	9	24 1.54	− 0.33	+ 0.48	342 11 49.80	45.388	+ 4.80	− 18.2	2 24 1.69	− 3.10	+21 10 41.5	−10.6
20	B. D.+21°349	9	27 5.80	− 0.33	+ 0.48	342 55 51.15	46.915	+ 4.80	− 17.4	2 27 5.95	− 3.12	+21 55 18.5	−10.2
21	B. D.+15°354	9	30 31.77	− 0.33	+ 0.48	337 13 49.38	44.558	+ 4.80	− 23.8	2 30 31.92	− 2.99	+16 12 16.5	−10.7
22	B. D.+ 7°402	9	31 38.88	− 0.34	+ 0.48	328 21 48.98	42.922	+ 4.80	− 35.0	2 31 39.02	− 2.84	+ 7 19 27.5	−11.5
23	B. D.+12°370	9	35 22.04	− 0.34	+ 0.48	334 9 47.75	43.038	+ 4.80	− 27.5	2 35 22.18	− 2.93	+13 7 36.4	−10.7
24	γ Ceti	9	38 28.42	− 0.35	+ **0.44**	323 51 49.18	46.198	+ 4.80	− 41.5	2 38 28.55	.....	+ 2 50 36.1	....
	October 23, Hl.												
25	ε Aquarii	9	42 37.98	− 0.22	− **0.60**	311 12	......	....	.....	20 42 37.20	.....	− 9 50	....
26	76 Draconis	9	49 29.73	− 1.39	− 0.56	43 12	......	....	.....	20 49 27.78	.....	+82 11	....
27	θ Capricorni	9	0 42.65	− 0.24	− **0.57**	303 26	......	....	.....	21 0 41.85	.....	−17 36	....
28	1 H. Draconis s. p.	9	23 43.34	+ 1.40	− 0.56	59 16	......	....	.....	9 23 44.18	.....	+81 44	....
29	ξ Aquarii	9	32 47.78	− 0.22	− **0.55**	312 44	......	....	.....	21 32 47.00	.....	− 8 16	....
30	γ Capricorni	9	34 56.02	− 0.24	− **0.57**	303 56	......	....	.....	21 34 55.22	.....	−17 5	....
31	ε Pegasi	9	39 36.96	− 0.20	− **0.53**	330 28	......	....	.....	21 39 36.20	.....	+ 9 26	....
32	δ Capricorni	9	41 54.21	− 0.24	− **0.56**	304 28	......	....	.....	21 41 53.41	.....	−16 33	....
	October 25, Hl.												
33	Moon I, S	6	28 37.83	− 0.27	− 0.79	304 5 46.28	44.362	+ 7.12	−1 22.6	21 28 36.77	+67.82	−16 56 47.5	....
34	Saturn I, C	5	43 55.27	− 0.24	− 0.80	310 45 45.42	50.520	+ 7.12	−1 5.4	22 43 54.23	+ 0.65	−10 15 45.6	....
35	Saturn II	5	43 56.56	− 0.24	− 0.80	... .	......	....	....	22 43 55.52	− 0.64	.. ..	....
36	α Pegasi	9	0 8.18	− 0.22	− **0.78**	335 43 46.72	44.905	+ 7.12	− 25.5	23 0 7.16	.....	+14 42 22.4	....
37	φ Aquarii	9	9 30.82	− 0.24	− **0.85**	314 27 44.22	47.888	+ 7.12	− 57.6	23 9 29.78	.....	− 6 33 4.0	....
38	τ Pegasi	9	16 2.66	− 0.23	− **0.78**	344 13 47.20	48.655	+ 7.12	− 15.9	23 16 1.63	.....	+23 13 58.1	....
39	κ Piscium	9	22 10.37	− 0.23	− **0.77**	321 45 45.92	46.898	+ 7.12	− 44.6	23 22 9.34	.....	+ 0 44 48.1	....
	October 25, Ei.-P.												
40	12 Ceti	9	25 18.13	− 0.24	− **0.70**	316 33 45.55	44.405	+ 7.32	− 53.9	0 25 17.20	.....	− 4 28 18.4	....
41	ε Andromedæ	8	33 39.22	− 0.26	− **0.65**	349 49 46.70	44.400	+ 7.32	− 10.2	0 33 38.27	.....	+28 48 26.2	....
42	B. D.+10°70	9	34 50.54	− 0.23	− 0.69	332 1 45.78	47.552	+ 7.32	− 30.2	0 34 49.62	− 2.85	+11 1 17.4	−17.9
43	B. D.+ 7°100	9	38 15.66	− 0.24	− 0.69	329 5 46.35	43.900	+ 7.32	− 34.1	0 38 14.73	− 2.82	+ 8 3 50.6	−17.4
44	B. D.+ 5°104	9	42 35.62	− 0.24	− 0.69	327 15 45.58	44.408	+ 7.32	− 36.7	0 42 34.69	− 2.82	+ 6 13 58.9	−17.0
45	B. D.+ 9°97	9	45 43.50	− 0.23	− 0.69	330 55 46.65	44.972	+ 7.32	− 31.7	0 45 42.58	− 2.87	+ 9 54 17.8	−17.2
46	B. D.+ 3°115	9	47 8.96	− 0.24	− 0.69	324 33 47.02	47.835	+ 7.32	− 40.6	0 47 8.03	− 2.80	+ 3 33 14.8	−16.5
47	B. D.+13°127	9	51 17.01	− 0.24	− 0.69	334 27 45.32	46.370	+ 7.32	− 27.2	0 51 16.08	− 2.93	+13 26 53.0	−17.3
48	B. D.+12°119	9	53 2.39	− 0.24	− 0.69	334 11 45.70	48.200	+ 7.32	− 27.6	0 53 1.46	− 2.93	+13 11 34.7	−17.2
49	B. D.+ 1°185	8	55 19.32	− 0.24	− 0.69	323 7 45.50	49.590	+ 7.32	− 42.8	0 55 18.39	− 2.80	+ 2 7 51.2	−16.0
50	B. D.+ 8°159	9	57 52.04	− 0.24	− 0.69	329 37 45.42	49.518	+ 7.32	− 33.4	0 57 51.11	− 2.88	+ 8 37 58.8	−16.6
51	B. D.+ 4°172	9	0 4.11	− 0.24	− 0.69	326 9 43.98	48.402	+ 7.32	− 38.2	1 0 3.18	− 2.84	+ 5 9 27.1	−16.1
52	B. D.− 1°144	9	1 40.73	− 0.24	− 0.69	319 45 46.00	48.040	+ 7.32	− 48.3	1 1 39.80	− 2.78	− 1 14 49.3	−15.4
53	ε Piscium	9	3 35.44	− 0.24	− 0.69	326 11 46.25	43.040	+ 7.32	− 38.3	1 3 34.51	− 2.85	+ 5 9 26.7	−16.0
54	B. D.+ 3°166	9	6 40.09	− 0.24	− 0.69	324 57 45.40	44.735	+ 7.32	− 40.0	1 6 39.16	− 2.84	+ 3 56 2.9	−15.8
55	B. D.+10°147	9	8 54.59	− 0.23	− 0.69	331 19 46.35	47.385	+ 7.32	− 31.2	1 8 53.67	− 2.93	+10 19 13.2	−16.2
56	B. D.+ 4°216	7	11 55.99	− 0.24	− 0.69	325 35 46.72	44.145	+ 7.32	− 39.1	1 11 55.06	− 2.86	+ 4 33 51.6	−15.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 1 52	[illegible]	57.9	58.3
2 15	......	....	58.5
2 42	29.925	58.0	58.4
25 21 35	29.715	[illegible]	62 0
22 48	29.74	60.1	58 8
23 5	......	....	57.8
23 25	29.77	58.7	56.9
0 23	29.76	56.3	54.5
0 49	......	....	53.7

Micrometer bisections are made at II, VI, except as noted below.

3. Bisections at III, VI.
6, 53, 54. Bisections at II, VII.
24, 41, 45, 51. Bisections at I, II.
33. Bisections at II, III, IV, V, VI.
34. Z. D. threads C used.
34. Bisections at I, II, VI, VII.
39. Bisections at II, VI, VII.

Notes.

1–24. Unsteady.
5, 23, 24. Clouds.
25. Faint.
39. Windy.
40–56. Images poor and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
33	+47 25.8	+15 41.7	...	+63 7.5
34	+ 0.8	.. ....	...	+ 0.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	υ Piscium	9	14 22.04	– 0.25	**– 0.70**	347 47 46.78	44.685	+ 7.32	– 12.3	1 14 21.10	....	+26 46 30.8	....
2	B. D.+10°168	9	16 25.42	– 0.23	– 0.69	332 3 45.75	46.625	+ 7.32	– 30.3	1 16 24.50	– 2.95	+11 2 56.1	–15.8
3	B. D.+10°171	9	17 59.81	– 0.23	– 0.69	331 53 45.70	46.460	+ 7.32	– 30.5	1 17 58.89	– 2.95	+10 52 52.1	–15.8
4	B. D.+ 2°211	9	22 5.80	– 0.24	– 0.69	324 3 46.32	47.620	+ 7.32	– 41.4	1 22 4.87	– 2.86	+ 3 3 8.3	–15.0
5	B. D.+11°187	9	24 30.27	– 0.23	– 0.69	332 55 46.28	45.325	+ 7.32	– 29.2	1 24 29.35	– 2.98	+11 54 28.0	–15.5
6	B. D.+16°167	9	27 2.96	– 0.24	– 0.69	337 29 45.50	44.915	+ 7.32	– 23.7	1 27 2.03	– 3.06	+16 28 23.4	–15.5
7	B. D.+13°238	9	29 57.64	– 0.24	– 0.69	334 55 46.22	45.345	+ 7.32	– 26.8	1 29 56.71	– 3.02	+13 54 30.8	–15.2
8	B. D.+ 7°240	9	31 51.77	– 0.24	– 0.69	328 21 45.05	47.982	+ 7.32	– 35.2	1 31 50.84	– 2.93	+ 7 21 21.5	–14.8
9	B. D.+14°250	8	34 44.87	– 0.24	– 0.69	335 57 46.30	46.880	+ 7.32	– 25.5	1 34 43.94	– 3.05	+14 57 7.3	–15.0
10	B. D.+10°225	8	37 54.68	– 0.24	– 0.69	331 37 46.00	46.822	+ 7.32	– 30.9	1 37 53.75	– 2.98	+10 37 0.3	–14.7
11	o Piscium	9	40 29.63	– 0.24	**– 0.71**	329 41 45.60	47.900	+ 7.32	– 33.4	1 40 28.70	....	+ 8 41 22.0	....
12	B. D.+16°196	9	41 33.12	– 0.24	– 0.69	337 57 46.22	45.928	+ 7.32	– 23.2	1 41 32.19	– 3.09	+16 56 47.8	–14.6
13	α Trianguli	9	47 47.56	– 0.26	**– 0.68**	350 7 46.50	47.235	+ 7.32	– 9.9	1 47 46.61	....	+29 7 31.2	....
14	β Arietis	9	49 30.84	– 0.24	**– 0.73**	341 21 46.30	46.782	+ 7.32	– 19.3	1 49 29.91	....	+20 21 11.2	....
15	α Arietis	9	1 56.56	– 0.25	**– 0.72**	344 1 46.58	47.050	+ 7.32	– 16.4	2 1 55.62	....	+23 1 20.5	....
16	B. D.+15°305	9	3 0.62	– 0.24	– 0.69	336 23 46.92	43.238	+ 7.32	– 25.0	2 2 59.69	– 3.09	+15 21 45.2	–13.2
17	15 Arietis	9	5 28.93	– 0.24	– 0.70	340 5 45.80	42.902	+ 7.32	– 20.7	2 5 27.99	– 3.16	+19 3 40.7	–13.0
18	B. D.+14°357	9	7 59.54	– 0.24	– 0.70	335 51 46.18	45.568	+ 7.32	– 25.7	2 7 58.58	– 3.08	+14 50 37.0	–12.9
19	B. D.+ 9°296	9	11 55.53	– 0.24	– 0.70	330 21 45.75	47.595	+ 7.32	– 32.6	2 11 54.59	– 2.99	+ 9 21 16.0	–12.7
20	B. D.+13°371	9	15 10.78	– 0.24	– 0.70	334 53 47.22	44.538	+ 7.32	– 26.8	2 15 9.84	– 3.07	+13 52 13.4	–12.4
21	B. D.+16°281	9	17 26.52	– 0.24	– 0.70	337 27 46.00	45.775	+ 7.32	– 23.8	2 17 25.58	– 3.12	+16 26 43.4	–12.2
22	B. D.+19°355	9	20 34.81	– 0.24	– 0.70	340 53 46.90	42.765	+ 7.32	– 19.8	2 20 33.87	– 3.19	+19 51 39.5	–11.8
23	B. D.+ 9°323	9	22 27.23	– 0.23	– 0.70	330 49 45.25	41.918	+ 7.32	– 32.0	2 22 26.30	– 3.00	+ 9 47 6.4	–12.1
24	B. D.+10°330	9	25 29.15	– 0.24	– 0.70	331 39 45.78	46.510	+ 7.32	– 30.9	2 25 28.21	– 3.02	+10 38 52.9	–11.9
25	B. D.+10°340	9	29 25.22	– 0.23	– 0.70	332 13 45.30	43.648	+ 7.32	– 30.2	2 29 24.29	– 3.02	+11 11 47.7	–11.6
26	B. D.+11°360	9	31 34.21	– 0.23	– 0.70	333 3 45.35	45.815	+ 7.32	– 29.1	2 31 33.28	– 3.04	+12 2 38.4	–11.4
27	B. D.+10°352	9	34 3.52	– 0.23	– 0.70	331 15 46.45	44.660	+ 7.32	– 31.4	2 34 2.59	– 3.01	+10 14 10.8	–11.4
28	B. D.+10°360	9	37 29.09	– 0.23	– 0.70	331 21 46.18	45.995	+ 7.32	– 31.3	2 37 28.16	– 3.01	+10 20 41.2	–11.2
29	B. D.+14°457	8	39 26.06	– 0.24	– 0.70	335 55 46.92	46.698	+ 7.32	– 25.6	2 39 25.12	– 3.09	+14 55 3.7	–10.8
30	B. D.+20°462	9	42 11.05	– 0.24	– 0.70	341 57 46.42	47.025	+ 7.32	– 18.7	2 42 10.11	– 3.22	+20 57 17.5	–10.2
31	B. D.+13°456	9	45 7.47	– 0.24	– 0.70	334 19 45.68	47.930	+ 7.32	– 27.5	2 45 6.53	– 3.06	+13 19 28.6	–10.5
32	σ Arietis	9	46 22.06	– 0.24	**– 0.67**	335 41 47.22	48.878	+ 7.32	– 25.9	2 46 21.12	....	+14 41 53.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
25 1 19	29.77	54.0	52.8	7.	Bisections at III, VI.					
1 36	......	....	52.4	11, 15, 31.	Bisections at I, II.					
1 58	29.765	53.0	52.0	23, 26.	Bisections at II, VII.					
2 26	......	....	51.5							
2 48	29.77	52.2	51.0							

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	April 17, Ei.-M		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Cancri	9	53 18.08	+ 0.28	+ **5.99**	26 37 59.70	45.375	− 3.22	+ 29.4	8 53 24.33	.....	+12 12 57.5	....
2	B. D.+23°2048 (*south*)	5	1 59.14	+ 0.31	+ 5.97	15 29 58.42	45.660	− 3.22	+ 16.3	9 2 5.42	− 0.20	+23 21 5.5	+ 1.8
3	B. D.+23°2048 (*north*)	5	1 59.36	+ 0.31	+ 5.97	15 29 58.42	45.318	− 3.22	+ 16.3	9 2 5.64	− 0.20	+23 21 12.9	+ 1.8
4	θ Hydræ	9	9 25.70	+ 0.26	+ **5.99**	36 8 0.22	46.605	− 3.22	+ 42.9	9 9 31.93	.....	+ 2 42 15.4	....
5	83 Cancri	9	13 41.51	+ 0.29	+ **6.07**	20 43 58.52	48.470	− 3.22	+ 22.3	9 13 47.77	.....	+18 5 55.0	....
6	α Hydræ	9	22 55.29	+ 0.23	+ **5.98**	47 6 0.05	45.157	− 3.22	+1 3.2	9 23 1.49	.....	− 8 15 31.7	....
7	ξ Leonis	9	26 50.21	+ 0.28	+ **5.96**	27 7 59.85	46.290	− 3.22	+ 30.1	9 26 56.46	.....	+11 42 35.7	....
8	ο Leonis	9	36 5.51	+ 0.28	+ **5.96**	28 31 58.82	45.685	− 3.22	+ 32.0	9 36 11.76	.....	+10 18 48.6	....
9	ε Leonis	9	40 28.68	+ 0.31	+ **5.92**	14 37 58.55	48.228	− 3.22	+ 15.4	9 40 34.96	.....	+24 12 7.3	....
10	μ Leonis	8	47 22.83	+ 0.32	+ **5.89**	12 23 57.12	46.922	− 3.22	+ 13.0	9 47 29.12	.....	+26 26 40.9	....
	April 17, P.												
11	p⁴ Leonis	9	2 4.17	+ 0.28	+ 5.94	36 21 53.30	48.898	− 2.93	+ 43.5	11 2 10.39	.....	+ 2 27 29.0	....
12	237 B. Ursæ Majoris	9	11 22.31	+ 0.42	+ 5.94	348 51 51.35	47.205	− 2.93	− 11.5	11 11 28.67	− 1.07	+49 59 4.4	− 5.0
13	σ Leonis	9	16 15.13	+ 0.29	+ **5.96**	32 17 53.12	47.252	− 2.93	+ 37.4	11 16 21.36	.....	+ 6 32 12.8	....
14	β Virginis	9	45 45.83	+ 0.28	+ **5.96**	36 33 52.42	44.398	− 2.93	+ 43.8	11 45 52.05	.....	+ 2 17 12.4	....
15	b Virginis	9	55 5.95	+ 0.28	+ 5.95	34 39 51.90	47.162	− 2.93	+ 40.9	11 55 12.18	− 0.99	+ 4 10 12.7	+ 6.0
16	ο Virginis	9	0 23.13	+ 0.30	+ **5.91**	29 35 51.95	45.705	− 2.93	+ 33.6	12 0 29.38	.....	+ 9 14 53.1	....
17	η Virginis	9	15 3.69	+ 0.27	+ **6.00**	38 59 54.05	45.068	− 2.93	+ 47.9	12 15 9.91	.....	− 0 9 8.6	....
18	8 Canum Venaticorum	9	29 14.61	+ 0.38	+ 5.95	356 59 50.90	45.092	− 2.93	− 3.0	12 29 20.94	.....	+41 51 44.8	....
19	ρ Virginis	9	37 5.52	+ 0.30	+ **5.95**	28 5 53.18	45.980	− 2.93	+ 31.7	12 37 11.77	.....	+10 44 47.6	....
20	p Centauri	9	45 33.68	+ 0.15	+ 5.95	72 17 55.65	45.792	− 2.93	+3 4.1	12 45 39.78	− 1.53	−33 29 42.9	+ 7.8
21	48 Virginis	8	59 1.73	+ 0.26	+ 5.95	41 59 53.28	46.842	− 2.93	+ 53.4	12 59 7.94	− 1.16	− 3 9 53.9	+ 5.9
22	θ Virginis	9	5 3.03	+ 0.26	+ **5.90**	43 53 52.80	43.475	− 2.93	+ 57.1	13 5 9.24	.....	− 5 2 40.2	....
23	23 Canum Venaticorum	8	16 4.02	+ 0.38	+ 5.95	358 13 52.30	43.628	− 2.93	− 1.8	13 16 10.35	− 1.35	+40 38 15.7	+ 1.4
24	73 Virginis	9	26 56.89	+ 0.22	+ 5.96	57 5 53.08	43.070	− 2.93	+1 31.6	13 27 3.07	− 1.31	−18 15 5.5	+ 5.6
25	ζ Virginis	9	29 52.17	+ 0.27	+ **5.95**	38 57 52.92	45.600	− 2.93	+ 48.1	13 29 58.40	.....	− 0 7 19.9	....
	April 17, M.												
26	Venus II, N.	8	23 2.91	+ 0.29	+ 6.08	44 7 54.70	46.888	− 2.31	+ 56.8	23 23 9.28	− 0.48	− 5 18 0.4	....
	April 18, M.												
27	Sun I	9	40 58.11	+ 0.36	+ 6.09	28 16	......	....	.....	1 41 4.56	+65.01	.. ..	....
28	Sun II	9	43 8.13	+ 0.36	+ 6.09	... .	......	....	.....	1 43 14.58	−65.01	.. ..	....
29	Moon I	9	26 57.10	+ 0.29	+ 6.12	17 28	......	....	.....	6 27 3.51	+65.89	.. ..	....
30	83 Cancri	9	13 41.41	+ 0.25	+ **6.19**	20 45 53.50	43.472	− 3.37	+ 21.9	9 13 47.79	.....	+18 5 54.8	....
31	h Mali	9	17 16.76	+ 0.12	+ 6.13	64 23 57.05	45.295	− 3.37	+2 0.0	9 17 23.01	.....	−25 34 28.5	....
32	h Ursæ Majoris	9	24 6.41	+ 0.43	+ 6.13	335 23 51.42	44.670	− 3.37	− 26.3	9 24 12.97	.....	+63 28 17.4	....
33	A Hydræ	9	29 48.33	+ 0.19	+ 6.14	44 21 56.02	42.150	− 3.37	+ 56.4	9 29 54.66	− 0.42	− 5 30 12.0	+10.9
34	κ Hydræ	9	35 45.13	+ 0.17	+ 6.14	52 45 52.18	43.202	− 3.37	+1 15.8	9 35 51.44	.....	−13 54 51.5	....
35	11 Cephei S. P.	9	40 26.28	+ 0.02	+ 6.14	289 47 49.45	42.690	− 3.37	−2 38.3	21 40 32.44	.....	+70 52 42.4	....
36	μ Leonis	9	47 22.71	+ 0.28	+ **6.04**	12 25 52.95	41.858	− 3.37	+ 12.7	9 47 29.13	.....	+26 26 41.4	....
37	83 B. Leonis	9	51 24.42	+ 0.23	+ 6.14	29 29 54.48	41.900	− 3.37	+ 32.6	9 51 30.79	− 0.47	+ 9 22 19.1	+ 6.0
38	16 Cephei S. P.	9	57 47.83	− 0.05	+ 6.14	291 37 50.55	45.286	− 3.37	−2 23.9	21 57 53.92	+ 1.40	+72 43 57.1	+16.5
39	32 Ursæ Majoris	9	11 11.98	+ 0.45	+ 6.14	333 17 50.90	44.212	− 3.37	− 28.9	10 11 18.57	.....	+65 34 30.6	....
40	γ Leonis (*pr.*)	9	14 45.02	+ 0.26	+ **6.14**	18 31 54.92	46.812	− 3.37	+ 19.4	10 14 51.42	.....	+20 18 39.3	....
41	30 H. Camelopardalis	9	19 45.31	+ 0.97	+ 6.14	315 49 51.50	46.355	− 3.37	− 55.9	10 19 52.42	− 3.82	+83 2 8.5	−13.5
42	29 Sextantis	9	24 39.68	+ 0.20	+ 6.14	41 5 54.11	47.062	− 3.37	+ 50.5	10 24 46.02	.....	− 2 15 56.6	....
43	44 Hydræ	9	29 30.02	+ 0.13	+ 6.14	62 5 54.78	45.162	− 3.37	+1 49.0	10 29 36.29	− 0.87	−23 16 12.1	+13.6
44	37 Leonis Minoris	9	33 23.64	+ 0.30	+ 6.14	6 23 53.18	45.145	− 3.37	+ 6.5	10 33 30.08	.....	+32 27 32.2	....
45	34 Sextantis	9	37 43.71	+ 0.22	+ **6.17**	34 45 53.40	47.710	− 3.37	+ 40.2	10 37 50.07	.....	+ 4 3 59.8	....
46	37 Sextantis	9	41 9.58	+ 0.23	+ 6.14	31 59 54.95	43.398	− 3.37	+ 36.2	10 41 15.95	.....	+ 6 51 40.8	....
47	d Leonis	9	55 39.93	+ 0.22	+ **6.13**	34 43 54.10	45.390	− 3.37	+ 40.2	10 55 46.29	.....	+ 4 6 52.1	....
48	χ Leonis	9	0 7.64	+ 0.23	+ **6.17**	30 59 53.08	47.355	− 3.37	+ 34.9	11 0 14.01	.....	+ 7 50 13.5	....
49	ψ Ursæ Majoris	9	4 20.79	+ 0.34	+ 6.15	353 51 52.70	43.892	− 3.37	− 6.2	11 4 27.28	.....	+45 0 14.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 8 48	29.72	43.0	42.0
9 14	......	....	41.6
9 49	29.75	41.7	40.9
10 59	[illegible]	40.0	39.6
11 42	......	....	39.3
12 20	29.78	[illegible]	38.5
12 42	......	....	[illegible]
13 11	......	....	37.1
13 43	[illegible]	37.1	36.7
23 23	29.82	45.0	44.0
18 9 11	29.72	50.0	49.5
9 33	......	....	49.6
9 45	......	....	49.6
10 7	29.70	48.8	49.0
10 28	......	....	48.0
10 47	29.70	47.2	47.0
11 32	29.70	46.9	46.7

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at I, II.
3, 39, 40, 42.	Bisections at VI, VII.
6, 9, 10, 31.	Bisections at II, VI, VII.
8, 13, 16, 21, 25, 48.	Bisections at II, VII.
12.	Bisections at V, VI.
18, 23.	Bisections at III, V.
22.	Bisections at III, VII.
24.	Bisection at II.
26, 35, 38.	Bisections at I, II, VI, VII.
32.	Bisections at I. II, VI.
41.	Bisections at III, IV, V.

Notes.

10, 40, 48, 49.	Clouds.
15.	Unsteady.
20.	Hazy.
30–49.	Conditions poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
26	+ 5.2	− 7.3	...	− 2.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	April 19, Hl.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*ρ* Leonis	9	27 49.14	+ 0.29	+ **6.17**	29 3 53.08	45.408	− 3.47	+ 32.9	10 27 55.58	.....	+ 9 47 0.1	....
2	37 Leonis Minoris	9	33 23.55	+ 0.34	+ 6.15	6 23 51.80	45.158	− 3.45	+ 6.7	10 33 30.04	.....	+32 27 33.2	....
3	42 Leonis Minoris	9	40 36.01	+ 0.34	+ 6.15	7 39 51.10	48.342	− 3.42	+ 8.0	10 40 42.50	.....	+31 10 19.6	....
4	*l* Leonis	9	44 16.47	+ 0.29	+ **6.18**	27 47 53.70	47.725	− 3.41	+ 31.3	10 44 22.91	.....	+11 2 8.1	....
5	6 H¹. Draconis	8	52 28.28	+ 0.66	+ 6.15	320 35 48.02	45.773	− 3.37	− 48.4	10 52 35.09	.....	+78 16 17.9	....
6	*d* Leonis	9	55 39.84	+ 0.28	+ **6.16**	34 43 53.95	45.342	− 3.37	+ 41.1	10 55 46.27	.....	+ 4 6 52.3	....
7	*δ* Leonis	9	9 4.23	+ 0.32	+ **6.15**	17 47 53.88	48.748	− 3.31	+ 19.1	11 9 10.70	.....	+21 1 56.6	....
8	*σ* Leonis	9	16 14.96	+ 0.29	+ **6.12**	32 17 53.80	47.222	− 3.28	+ 37.5	11 16 21.40	.....	+ 6 32 13.1	....
9	39 H. Cephei s. p.	9	27 29.17	− 0.96	+ 6.15	305 39 47.80	46.683	− 3.24	−1 22.1	23 27 34.36	.....	+86 47 28.5	....
10	3 Draconis	9	37 12.88	+ 0.49	+ 6.15	331 35 49.48	46.580	− 3.21	− 31.9	11 37 19.52	.....	+67 15 40.7	....
11	*β* Virginis	9	45 45.65	+ 0.29	+ **6.12**	36 33 53.58	44.350	− 3.17	+ 44.0	11 45 52.09	.....	+ 2 17 12.4	....
12	*o* Leonis	9	50 48.09	+ 0.32	+ 6.15	22 39 53.05	48.980	− 3.15	+ 24.9	11 50 54.56	− 0.95	+16 9 46.2	+ 3.6
13	128 H¹. Camelopardalis	9	0 7.78	+ 1.39	+ 6.16	312 45 49.05	46.390	− 3.12	−1 3.9	12 0 15.33	−12.08	+86 6 17.7	− 9.9
14	6 B. Ursæ Minoris	9	14 43.56	+ 2.69	+ 6.16	310 39 47.30	44.585	− 3.06	−1 8.8	12 14 52.41	.....	+88 13 5.0	....
	April 19, P.												
15	*β*¹ Scorpii	7	59 56.33	+ 0.24	+ **6.21**	58 21 53.12	48.025	− 2.95	+1 36.7	16 0 2.76	.....	−19 33 4.2	....
16	151 H¹. Cephei s. p.	8	6 49.25	− 0.98	+ 6.19	304 11 48.42	44.830	− 2.92	−1 27.3	4 6 54.46	.....	+85 18 42.1	....
17	*ρ* Ophiuchi (*mean*)	8	19 55.16	+ 0.22	+ 6.19	62 3 53.35	44.490	− 2.88	+1 52.2	16 20 1.57	− 1.11	−23 13 59.2	− 1.6
18	*λ* Ophiuchi	9	26 7.82	+ 0.30	+ **6.18**	36 39 53.68	44.445	− 2.85	+ 44.4	16 26 14.31	.....	+ 2 11 9.4	....
19	*ζ* Ophiuchi	9	31 56.72	+ 0.26	+ **6.21**	49 13 54.10	43.238	− 2.83	+1 9.1	16 32 3.17	.....	−10 22 48.3	....
20	114 B. Draconis	8	43 26.84	+ 0.49	+ 6.19	341 53 50.02	48.648	− 2.79	− 19.4	16 43 33.52	.....	+56 56 40.7	....
21	53 Herculis	9	49 20.86	+ 0.38	+ 6.19	6 59 51.42	46.215	− 2.77	+ 7.4	16 49 27.43	− 1.02	+31 51 7.8	+ 8.7
22	117 G. Scorpii	9	55 46.43	+ 0.18	+ 6.19	70 47 55.08	47.972	− 2.75	+2 50.3	16 55 52.80	− 1.05	−32 0 18.6	− 4.9
23	*η* Ophiuchi	9	4 57.07	+ 0.25	+ **6.15**	54 25 52.50	47.440	− 2.70	+1 23.4	17 5 3.51	.....	−15 36 37.0	....
24	*α* Herculis	9	10 18.72	+ 0.33	+ **6.19**	24 21 53.15	44.002	− 2.68	+ 27.1	17 10 25.24	.....	+14 29 37.1	....
25	*θ* Ophiuchi	9	16 12.27	+ 0.21	+ 6.19	63 43 52.98	45.220	− 2.66	+2 0.6	17 16 18.67	.....	−24 54 23.9	....
26	51 Ophiuchi	9	25 38.76	+ 0.22	+ 6.19	62 41 54.58	48.118	− 2.63	+1 55.5	17 25 45.17	− 0.82	−23 53 26.7	− 3.5
27	*f* Draconis	9	32 15.37	+ 0.59	+ 6.20	330 39 48.15	47.390	− 2.60	− 33.4	17 32 22.16	− 2.05	+68 11 25.1	+12.6
28	X Sagittarii	9	41 36.69	+ 0.20	+ 6.20	66 37 53.70	42.555	− 2.57	+2 17.7	17 41 43.09	− 0.76	−27 47 40.9	− 5.0
29	*θ* Herculis	8	52 57.97	+ 0.40	+ 6.20	1 35 51.50	45.430	− 2.52	+ 1.7	17 53 4.57	.....	+37 15 31.4	....
30	*δ* Ursæ Minoris	9	2 19.89	+ 2.14	+ 6.20	312 15 48.68	45.664	− 2.49	−1 5.5	18 2 28.23	.....	+86 36 35.7	....
31	*η* Serpentis	8	16 23.85	+ 0.29	+ **6.20**	41 45 52.48	45.732	− 2.44	+ 53.5	18 16 30.34	.....	− 2 55 28.4	....
32	Venus II, N	8	31 53.68	+ 0.30	+ 6.23	43 15 53.78	47.919	− 2.13	+ 55.2	23 32 0.21	− 0.48	− 4 26 21.6	....
33	Mercury II	9	13 36.07	+ 0.33	+ 6.24	40 14	......	....	.....	0 13 42.64	− 0.24	.. ..	....
	April 20, P.												
34	Moon I, N	9	12 6.69	+ 0.31	+ 6.29	18 39 54.05	45.993	− 3.21	+ 19.7	8 12 13.29	+65.88	+20 10 58.7	....
35	*α* Hydræ	9	22 54.91	+ 0.24	+ **6.31**	47 5 55.58	45.395	− 3.07	+1 3.1	9 23 1.45	.....	− 8 15 32.7	....
36	160 G. Hydræ	9	28 49.52	+ 0.20	+ 6.30	59 31 55.80	46.345	− 3.07	+1 39.6	9 28 56.02	− 0.48	−20 42 31.1	+15.1
37	*o* Leonis	9	36 5.11	+ 0.29	+ **6.31**	28 31 54.52	45.850	− 3.07	+ 32.0	9 36 11.70	.....	+10 18 49.1	....
38	23 Leonis	9	45 53.94	+ 0.30	+ 6.30	25 21 54.10	43.032	− 3.07	+ 27.9	9 46 0.54	− 0.41	+13 29 58.0	+ 4.6
39	*μ* Leonis	9	47 22.42	+ 0.33	+ **6.25**	12 23 52.08	47.100	− 3.07	+ 13.0	9 47 29.05	.....	+26 26 41.6	....
40	*η* Leonis	9	2 9.70	+ 0.30	+ **6.28**	21 37 53.68	46.045	− 3.07	+ 23.4	10 2 16.30	.....	+17 12 54.0	....
41	32 Ursæ Majoris	9	11 11.63	+ 0.51	+ 6.30	333 17 54.22	44.080	− 3.07	− 29.5	10 11 18.44	.....	+65 34 31.2	....
42	*μ* Ursæ Majoris	9	16 41.47	+ 0.38	+ 6.30	356 53 52.12	44.188	− 3.07	− 3.1	10 16 48.15	.....	+41 58 4.5	....
43	31 Leonis Minoris	6	22 24.41	+ 0.36	+ 6.30	1 39 52.15	46.652	− 3.07	+ 1.8	10 22 31.07	.....	+37 11 3.2	....
44	37 Leonis Minoris	8	33 23.33	+ 0.35	+ 6.31	6 23 52.82	45.082	− 3.07	+ 6.7	10 33 29.99	.....	+32 27 33.5	....
45	*l* Leonis	8	44 16.28	+ 0.29	+ **6.36**	27 47 53.88	47.680	− 3.07	+ 31.1	10 44 22.88	.....	+11 2 8.5	....
46	54 Leonis	9	50 28.83	+ 0.33	+ 6.31	13 35 51.82	46.980	− 3.07	+ 14.3	10 50 35.47	− 0.72	+25 14 43.6	+ 0.9
47	*α* Ursæ Majoris	9	57 54.23	+ 0.48	+ 6.31	336 35 50.45	47.195	− 3.07	− 25.4	10 58 1.02	.....	+62 15 19.7	....
48	*ψ* Ursæ Majoris	9	4 20.47	+ 0.39	+ 6.31	353 51 52.05	43.895	− 3.07	− 6.3	11 4 27.17	.....	+45 0 14.5	....
49	*o* Cephei s. p.	9	14 39.93	+ 0.04	+ 6.31	286 31 49.65	42.238	− 3.07	−3 15.7	23 14 46.28	.....	+67 35 55.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 10 18	29.74	38.0	37.3
10 31	......	....	37.9
11 2	......	....	37.7
11 43	......	....	36.8
12 23	29.765	37.0	36.9
15 59	29.78	35.5	35.0
16 15	29.78	35.2	34.8
16 40	......	....	34.8
17 3	29.81	35.0	35.0
17 23	......	....	34.7
18 12	29.82	34.0	34.0
18 27	29.82	33.8	33.7
23 28	29.91	45.0	45.5
20 8 14	29.89	48.0	47.5
9 19	29.91	45.5	45.0
9 43	......	....	44.3
10 6	......	....	43.9
10 29	29.94	43.9	43.2
10 54	......	....	43.0
11 21	29.95	42.2	42.2

Micrometer bisections are made at II, VI, except as noted below.

3, 6, 10, 15, 17, 19, 21, 39, 45.	Bisections at VI, VII.
5.	Bisections at b_2, b_5, b_8.
9, 13, 14.	Bisections at III, IV, V.
16.	Bisections at b_1, b_5, b_7, b_9.
18, 28, 36.	Bisections at II, VII.
20, 27, 29, 41, 42, 47, 48, 49.	Bisections at III, V.
22, 31.	Bisections at III, VII.
30.	Bisections at b_1, b_3, b_5, b_7, b_9.
32.	Bisections at I, II, VI, VII.
34.	Bisections at II, III, IV, V, VI.
43.	Bisections at III, VI.

Notes.

4, 49.	Faint.
14, 16, 38.	Revolutions of micrometer reading assumed.
14.	Clouds.
17.	Hazy; assumed that mean was observed.
17, 18.	Micrometer reading decreased 1 rev.
18, 19, 26.	Unsteady.
19.	Micrometer reading decreased 3 rev.
19.	Degrees and minutes of circle reading assumed.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
32	+ 5.1	− 7.2	...	− 2.1
34	+17 21.0	−14 54.6	...	+ 2 26.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	e Leonis	9	25 28.07	+ 0.26	+ 6.31	41 19 54.48	46.018	− 3.07	+ 52.0	11 25 34.64	− 0.91	− 2 29 34.7	+ 7.8
2	γ Cephei s. p.	9	35 21.65	− 0.15	+ 6.31	295 59 48.40	45.967	− 3.07	−2 0.1	23 35 27.81	.....	+77 6 35.3	....
3	β Leonis	9	44 13.41	+ 0.30	+ **6.26**	23 45 54.45	44.505	− 3.07	+ 26.1	11 44 20.02	.....	+15 5 25.7	....
4	π Virginis	9	56 0.78	+ 0.28	+ **6.36**	31 41 52.75	48.205	− 3.07	+ 36.6	11 56 7.37	.....	+ 7 7 52.4	....
	April 21, Hl.												
5	Moon I, N	9	4 19.66	+ 0.25	+ 6.43	20 49 53.70	44.587	− 3.96	+ 22.1	9 4 26.34	+65.59	+18 1 29.5	....
6	h Ursæ Majoris	8	24 6.01	+ 0.37	+ 6.44	335 23 50.32	44.780	− 3.96	− 26.4	9 24 12.82	.....	+63 28 16.9	....
7	β Cephei s. p.	9	27 20.69	+ 0.10	+ 6.44	289 3 50.12	43.462	− 3.96	−2 45.7	21 27 27.23	.....	+70 8 52.9	....
8	κ Hydræ	8	35 44.80	+ 0.17	+ 6.44	52 45 52.30	43.110	− 3.96	+1 16.3	9 35 51.41	.....	−13 54 49.6	....
9	11 Cephei s. p.	7	40 26.47	+ 0.10	+ 6.44	289 47 49.58	42.815	− 3.96	−2 39.4	21 40 33.01	.....	+70 52 43.5	....
10	6 Sextantis	9	46 26.76	+ 0.20	+ 6.44	42 39 54.25	43.522	− 3.96	+ 53.6	9 46 33.40	.....	− 3 48 38.1	....
11	π Leonis	9	55 11.84	+ 0.22	+ **6.41**	30 21 52.82	44.520	− 3.96	+ 34.1	9 55 18.50	.....	+ 8 29 19.9	....
12	η Leonis	9	2 9.70	+ 0.24	+ **6.33**	21 37 53.12	46.092	− 3.96	+ 23.1	10 2 16.38	.....	+17 12 54.7	....
13	λ Hydræ	9	5 57.29	+ 0.18	+ **6.42**	50 43 53.42	46.048	− 3.96	+1 11.2	10 6 3.91	.....	−11 53 52.6	....
14	ζ Leonis	9	11 25.06	+ 0.26	+ **6.44**	14 57 54.28	46.615	− 3.96	+ 15.6	10 11 31.76	.....	+23 52 49.1	....
15	μ Hydræ	9	21 29.71	+ 0.16	+ **6.40**	55 11 54.75	45.560	− 3.96	+1 23.8	10 21 36.31	.....	−16 21 55.4	....
16	ρ Leonis	9	27 48.89	+ 0.22	+ **6.47**	29 3 53.12	45.425	− 3.96	+ 32.4	10 27 55.55	.....	+ 9 47 0.7	....
17	41 Leonis Minoris	9	38 15.62	+ 0.26	+ **6.48**	15 9 51.28	47.562	− 3.96	+ 15.9	10 38 22.32	.....	+23 40 29.9	....
18	l Leonis	9	44 16.20	+ 0.23	+ **6.49**	27 47 54.30	47.725	− 3.96	+ 30.8	10 44 22.87	.....	+11 2 8.5	....
19	54 Leonis	9	50 28.87	+ 0.26	+ 6.44	13 35 52.62	46.970	− 3.96	+ 14.2	10 50 35.57	− 0.71	+25 14 44.0	+ 0.8
20	47 Ursæ Majoris	9	54 9.79	+ 0.30	+ 6.44	357 55 52.32	45.282	− 3.96	− 2.0	10 54 16.53	− 0.80	+40 55 39.0	− 3.5
21	p^4 Leonis	9	2 3.80	+ 0.21	+ 6.45	36 23 54.18	43.642	− 3.96	+ 43.1	11 2 10.46	.....	+ 2 27 29.6	....
22	δ Leonis	9	9 3.97	+ 0.25	+ **6.46**	17 47 53.32	48.792	− 3.96	+ 18.9	11 9 10.67	.....	+21 1 57.0	....
23	ν Ursæ Majoris	9	13 21.63	+ 0.28	+ 6.45	5 15 52.52	43.725	− 3.96	+ 5.4	11 13 28.36	.....	+33 36 7.0	....
24	ι Leonis	9	18 58.82	+ 0.23	+ 6.45	27 47 53.90	47.065	− 3.96	+ 30.9	11 19 5.50	− 0.83	+11 2 23.9	+ 4.7
	April 21, M.												
25	24 Scorpii	9	36 5.91	+ 0.18	+ 6.55	56 23 54.55	44.947	− 3.28	+1 29.2	16 36 12.64	− 1.03	−17 33 47.3	− 0.6
26	20 Ophiuchi	9	44 35.48	+ 0.20	+ 6.55	49 27 55.35	44.235	− 3.28	+1 9.4	16 44 42.23	.....	−10 37 12.0	....
27	49 Herculis	9	47 44.89	+ 0.27	+ 6.55	23 43 52.78	44.005	− 3.28	+ 26.1	16 47 51.71	.....	+15 7 39.2	....
28	57 H^1. Camelopardalis s. p.	8	52 45.59	0.00	+ 6.55	292 49 49.82	45.098	− 3.28	−2 19.6	4 52 52.14	+ 3.44	+73 55 56.6	− 6.0
29	d Herculis	9	58 4.55	+ 0.32	+ 6.55	5 9 51.75	44.130	− 3.28	+ 5.4	16 58 11.42	.....	+33 41 57.9	....
30	η Ophiuchi	9	4 56.82	+ 0.19	+ **6.51**	54 25 54.20	47.460	− 3.28	+1 23.0	17 5 3.56	.....	−15 36 38.1	....
31	α Herculis	9	10 18.48	+ 0.26	+ **6.54**	24 21 53.18	44.038	− 3.28	+ 26.9	17 10 25.29	.....	+14 29 37.3	....
32	e Herculis	9	14 21.97	+ 0.33	+ 6.55	1 27 51.55	46.550	− 3.28	+ 1.6	17 14 28.85	− 1.04	+37 23 6.5	+ 9.8
33	ρ Herculis (*fol.*)	9	20 22.58	+ 0.33	+ 6.55	1 37 49.72	45.257	− 3.28	+ 1.8	17 20 29.46	− 1.02	+37 13 37.8	+10.0
34	51 Ophiuchi	9	25 38.65	+ 0.16	+ 6.55	62 41 55.02	48.170	− 3.28	+1 54.9	17 25 45.36	− 0.87	−23 53 27.0	− 3.4
35	α Ophiuchi	9	30 31.01	+ 0.26	+ **6.56**	26 13 52.78	44.268	− 3.28	+ 29.3	17 30 37.82	.....	+12 37 29.9	....
36	o Serpentis	9	36 5.21	+ 0.20	+ 6.55	51 39 53.78	45.052	− 3.28	+1 15.1	17 36 11.96	− 0.76	−12 49 34.7	− 0.5
37	μ Herculis	9	42 43.05	+ 0.30	+ **6.60**	11 3 51.78	48.242	− 3.28	+ 11.7	17 42 49.90	.....	+27 46 17.6	....
38	z Herculis	9	47 31.46	+ 0.36	+ 6.55	350 25 50.25	47.615	− 3.28	− 9.9	17 47 38.37	− 1.09	+48 24 54.9	+12.2
39	99 B. Camelopardalis s. p.	9	52 30.44	+ 0.09	+ 6.55	285 47 48.95	47.570	− 3.28	−3 26.1	5 52 37.08	+ 1.99	+66 53 45.8	− 7.7
40	70 Ophiuchi (*brighter*)	9	0 39.13	+ 0.24	+ 6.55	36 17 54.12	49.680	− 3.28	+ 43.8	18 0 45.92	.....	+ 2 31 10.4	....
41	o Herculis	9	3 48.75	+ 0.30	+ **6.58**	10 5 51.15	47.062	− 3.28	+ 10.7	18 3 55.60	.....	+28 44 46.2	....
42	40 Draconis	5	6 56.92	+ 0.74	+ 6.55	318 53 48.90	43.750	− 3.28	− 51.7	18 7 4.21	− 3.98	+79 59 6.4	+13.4
43	5 B. Lyræ	9	12 39.13	+ 0.34	+ 6.55	356 43 51.22	46.030	− 3.28	− 3.3	18 12 46.02	− 0.84	+42 7 23.6	+12.4
44	ε Sagittarii	9	17 53.99	+ 0.11	+ 6.56	73 13 55.05	45.174	− 3.28	+3 15.6	18 18 0.66	.....	−34 25 39.2	....
45	λ Sagittarii	9	22 7.77	+ 0.15	+ 6.56	64 17 53.70	45.030	− 3.28	+2 3.2	18 22 14.48	.....	−25 28 22.1	....
46	c Serpentis	9	24 44.32	+ 0.22	+ 6.56	40 53 53.88	44.112	− 3.28	+ 51.6	18 24 51.10	− 0.51	− 2 2 49.9	+ 2.4
47	3 H. Scuti	9	30 2.48	+ 0.21	+ **6.59**	47 9 53.45	43.062	− 3.28	+1 4.2	18 30 9.25	.....	− 8 18 38.1	....
48	Venus II, N	9	40 43.42	+ 0.22	+ 6.59	42 23 54.35	47.360	− 2.83	+ 52.5	23 40 50.23	− 0.47	− 3 34 6.0	....
	April 22, M.												
49	Sun I, S	9	55 50.82	+ 0.27	+ 6.60	27 7 55.42	47.368	− 3.25	+ 29.1	1 55 57.69	+65.27	+11 42 17.0	....
50	Sun II, N	9	58 1.37	+ 0.27	+ 6.60	26 35 54.40	47.892	− 3.25	+ 28.4	1 58 8.24	−65.28	+12 14 5.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 12 0	29.95	41.5	41.0
21 9 9	29.99	51.2	51.9
9 18	......	....	51.8
9 49	30.00	49.8	50.4
9 59	......	....	50.0
10 26	......	....	49.0
10 36	......	....	48.6
11 0	......	....	48.0
11 25	30.01	47.9	46.8
16 35	29.955	40.8	40.0
17 2	......	....	39.6
17 18	29.95	40.0	39.3
17 41	......	....	39.0
18 16	......	....	38.6
18 32	29.955	40.0	38.3
23 41	29.98	54.9	55.8
22 1 58	29.93	59.7	62.1

Micrometer bisections are made at II, VI, except as noted below.

2. Bisections at III, IV, V.
3. Bisections at III, VII.
5. Bisections at II, III, IV, V, VI.
6. Bisections at III, V.
8, 17, 50. Bisections at VI, VII.
9, 27, 31, 45, 49. Bisections at I, II.
21. Bisections at II, VII.
25, 28. Bisections at II, VI, VII.
32. Bisections at I, VI.
33, 34, 36. Bisections at I, II, VI.
39, 44, 48. Bisections at I, II, VI, VII.
42. Bisections at b_5, b_8, b_9.

Notes.

2, 7. Faint.
13. Haze.
21. Fuzzy; unsteady.
34, 44. Unsteady.
40. Assumed that brighter was observed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+19 27.4	−15 2.5	...	+ 4 24.9
48	+ 4.9	− 7.1	...	− 2.2
49	+ 4.0	+15 54.4	...	+15 58.4
50	+ 3.9	−15 54.3	...	−15 50.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	April 23, P.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus II, N.	9	49 32.66	+ 0.16	+ 6.82	41 31 53.52	45.130	− 2.60	+ 50.7	23 49 39.64	− 0.46	− 2 41 12.6	....
2	Mercury C, C.	9	32 45.88	+ 0.17	+ 6.82	38 17 55.32	47.706	− 2.60	+ 45.1	0 32 52.87	− 0.07	+ 0 31 52.3	....
	April 24, P.												
3	Sun I, N.	9	3 19.82	+ 0.19	+ 6.83	25 55 53.80	47.258	− 2.55	+ 27.6	2 3 26.84	+65.45	+12 54 21.9	....
4	Sun II, S.	9	5 30.72	+ 0.19	+ 6.83	26 27 53.50	46.940	− 2.55	+ 28.3	2 5 37.74	−65.45	+12 22 27.8	....
5	42 Leonis.	9	16 43.84	+ 0.15	+ 6.88	23 24 0.55	46.498	− 3.05	+ 24.8	10 16 50.87	− 0.51	+15 26 35.4	+ 3.4
6	μ Hydræ.	9	21 29.27	+ 0.08	+ **6.88**	55 12 2.42	45.145	− 3.04	+1 22.3	10 21 36.23	.....	−16 21 53.0	....
7	37 Leonis Minoris.	9	33 22.93	+ 0.19	+ 6.88	6 23 59.35	44.745	− 3.00	+ 6.5	10 33 30.00	.....	+32 27 34.8	....
8	41 Leonis Minoris.	9	38 15.24	+ 0.18	+ **6.90**	15 9 40.00	48.002	− 2.97	+ 15.6	10 38 22.30	.....	+23 40 30.4	....
9	54 Leonis.	8	50 28.44	+ 0.18	+ 6.88	13 35 59.05	46.632	− 2.93	+ 13.9	10 50 35.50	− 0.68	+25 14 44.6	+ 0.4
10	d Leonis.	9	55 39.18	+ 0.14	+ **6.91**	34 44 0.92	45.032	− 2.91	+ 39.7	10 55 46.20	.....	+ 4 6 53.5	....
11	p^4 Leonis.	9	2 3.36	+ 0.14	+ 6.88	36 24 0.95	43.318	− 2.88	+ 42.2	11 2 10.38	.....	+ 2 27 30.1	....
12	δ Leonis.	9	9 3.52	+ 0.17	+ **6.96**	17 48 0.28	48.448	− 2.86	+ 18.4	11 9 10.57	.....	+21 1 57.3	....
13	249 B. Ursæ Majoris.	9	17 14.55	+ 0.28	+ 6.89	334 1 56.32	43.928	− 2.82	− 27.8	11 17 21.72	.....	+64 50 30.6	....
14	39 H. Cephei s. P.	9	27 28.44	− 0.46	+ 6.89	305 39 55.88	46.182	− 2.79	−1 19.3	23 27 34.87	.....	+86 47 28.5	....
15	Moon I, N.	9	39 17.16	+ 0.16	+ 6.89	32 27 59.65	46.408	− 2.74	+ 36.5	11 39 24.21	+65.35	+ 6 22 26.3	....
16	π Virginis.	9	56 0.31	+ 0.16	+ **6.93**	31 41 59.82	47.908	− 2.67	+ 35.4	11 56 7.36	.....	+ 7 7 52.9	....
17	ο Virginis.	9	0 22.33	+ 0.17	+ **6.81**	29 36 0.10	45.368	− 2.66	+ 32.6	12 0 29.39	.....	+ 9 14 53.5	....
18	10 Virginis.	9	4 49.36	+ 0.16	+ 6.89	36 25 59.88	44.430	− 2.64	+ 42.3	12 4 56.41	− 1.00	+ 2 25 5.2	+ 5.9
19	6 B. Ursæ Minoris.	8	14 43.51	+ 1.49	+ 6.89	310 39 53.95	44.151	− 2.60	−1 6.3	12 14 51.89	.....	+88 13 5.7	....
	April 24, M.												
20	η Draconis.	7	22 38.61	+ 0.35	+ 6.98	337 7 58.80	46.818	− 2.48	− 24.4	16 22 45.94	.....	+61 43 18.4	....
21	A Draconis.	8	28 5.05	+ 0.41	+ 6.98	329 53 57.55	45.453	− 2.48	− 33.6	16 28 12.44	.....	+68 58 0.1	....
22	ζ Ophiuchi.	9	31 56.16	+ 0.12	+ **7.02**	49 14 2.58	42.985	− 2.48	+1 7.5	16 32 3.26	.....	−10 22 49.6	....
23	35 B. Camelopardalis s. P.	9	36 7.15	− 0.08	+ 6.98	294 39 56.28	45.540	− 2.48	−2 5.6	4 36 14.05	.....	+75 46 28.5	....
24	18 Ophiuchi.	9	43 58.78	+ 0.06	+ 6.98	63 18 1.78	45.712	− 2.48	+1 55.5	16 44 5.82	− 1.14	−24 28 39.0	− 2.2
25	53 Herculis.	9	49 20.42	+ 0.23	+ 6.98	6 59 53.18	46.118	− 2.48	+ 7.2	16 49 27.63	− 1.14	+31 51 8.4	+ 7.9
26	157 H^1. Cephei s. P.	9	58 23.22	− 0.74	+ 6.98	304 43 49.12	44.180	− 2.48	−1 23.5	4 58 29.46	+13.30	+85 50 32.1	− 7.6
27	η Ophiuchi.	9	4 56.59	+ 0.10	+ **6.91**	54 25 53.65	47.512	− 2.48	+1 21.4	17 5 3.67	.....	−15 36 38.1	....
28	α Herculis.	9	10 18.18	+ 0.18	+ **6.99**	24 21 53.65	44.035	− 2.48	+ 26.4	17 10 25.34	.....	+14 29 36.4	....
29	θ Ophiuchi.	9	16 11.76	+ 0.06	+ 6.98	63 43 54.38	45.335	− 2.48	+1 57.7	17 16 18.80	.....	−24 54 25.4	....
30	σ Ophiuchi.	9	21 47.74	+ 0.16	+ **7.00**	34 37 53.20	44.690	− 2.48	+ 40.3	17 21 54.88	.....	+ 4 13 8.0	....
31	β Draconis.	9	28 13.96	+ 0.29	+ 6.98	346 29 52.10	44.865	− 2.48	− 13.9	17 28 21.23	.....	+52 21 59.1	....
32	ξ Serpentis.	9	32 9.43	+ 0.10	+ **6.97**	54 9 53.40	47.072	− 2.48	+1 20.6	17 32 16.51	.....	−15 20 26.9	....
33	ω Draconis.	9	37 24.67	+ 0.37	+ 6.98	330 3 48.55	46.258	− 2.48	− 33.4	17 37 32.02	.....	+68 47 50.3	....
34	ψ^1 Draconis.	9	43 30.66	+ 0.40	+ 6.98	326 39 49.28	47.398	− 2.48	− 38.1	17 43 38.04	.....	+72 11 27.5	....
35	ψ^2 Draconis.	9	43 32.46	+ 0.40	+ 6.98	326 39 49.28	46.130	− 2.48	− 38.2	17 43 39.84	− 2.69	+72 11 57.4	+12.0
36	ξ Draconis.	9	51 49.47	+ 0.30	+ 6.99	341 57 51.42	47.740	− 2.48	− 18.9	17 51 56.76	.....	+56 52 59.1	....
37	γ Sagittarii.	9	59 43.86	+ 0.04	+ 6.99	69 13 53.58	46.675	− 2.48	+2 32.8	17 59 50.89	.....	−30 25 30.1	....
38	102 Herculis.	9	4 40.44	+ 0.19	+ 6.99	18 3 54.08	43.870	− 2.48	+ 19.0	18 4 47.62	− 0.75	+20 47 47.1	+ 8.0
39	Groombridge 1004 s. P.	9	10 50.17	− 0.75	+ 6.99	305 37 47.75	47.160	− 2.48	−1 20.8	6 10 56.41	+13.15	+86 45 41.4	−11.8
40	447 B. Herculis.	9	18 35.98	+ 0.18	+ 6.99	21 3 52.25	46.920	− 2.48	+ 22.5	18 18 43.15	− 0.68	+17 46 35.8	+ 7.5
41	b Draconis.	9	22 27.11	+ 0.29	+ 6.99	340 5 49.95	49.050	− 2.48	− 21.0	18 22 34.39	.....	+58 44 32.9	....
42	3 H. Scuti.	9	30 2.30	+ 0.13	+ **6.93**	47 9 53.80	43.058	− 2.48	+1 2.8	18 30 9.42	.....	− 8 18 37.8	....
43	153 H^1. Draconis.	9	35 50.08	+ 0.31	+ 6.99	333 27 48.92	45.462	− 2.48	− 29.0	18 35 57.38	− 1.51	+65 24 3.6	+14.6
44	Venus II, N.	9	53 56.80	+ 0.12	+ 7.00	41 5 54.80	43.589	− 2.05	+ 48.9	23 54 3.92	− 0.46	− 2 14 37.5	....
45	Mercury C, C.	9	37 50.84	+ 0.11	+ 7.00	37 45 55.05	47.365	− 2.05	+ 43.2	0 37 57.95	− 0.06	+ 1 4 1.7	....
	April 25, M.												
46	Sun I, N.	9	7 4.89	+ 0.09	+ 7.01	25 35 53.78	48.090	− 3.07	+ 26.5	2 7 11.99	+65.49	+13 14 4.5	....
47	Sun II, S.	9	9 15.88	+ 0.09	+ 7.01	26 7 53.35	47.562	− 3.07	+ 27.1	2 9 22.98	−65.50	+12 42 15.5	....
48	π Leonis.	9	55 11.34	0.00	+ **7.08**	30 21 48.08	44.855	− 4.60	+ 32.5	9 55 18.37	.....	+ 8 29 19.3	....
49	η Leonis.	9	2 9.23	+ 0.02	+ **6.97**	21 37 46.82	46.435	− 4.60	+ 22.0	10 2 16.29	.....	+17 12 54.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 23 51	29.70	54.0	53.0
0 35	29.70	55.0	55.0
24 2 6	29.72	57.0	58.0
10 18	29.84	55.0	54.9
10 29	29.84	55.0	55.1
11 1	.....	....	55.9
11 37	29.84	54.0	55.0
12 23	29.83	53.5	55.4
16 21	29.79	47.7	46.7
16 42	.....	....	46.2
17 14	29.79	47.0	46.0
18 18	.....	....	46.0
18 42	29.78	46.5	46.0
23 54	29.84	62.6	65.4
0 38	29.80	64.0	68.0
25 2 9	29.78	68.8	72.7
9 50	29.70	69.7	68.8

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 37, 44, 45.	Bisections at I, II, VI, VII.
3, 46.	Bisections at I, II.
4, 8, 18, 27, 29, 34, 47.	Bisections at VI, VII.
6, 11.	Bisections at II, VII.
9.	Bisections at III, VI.
13, 35, 41.	Bisections at III, V.
14.	Bisections at b_1, b_3, b_5, b_7, b_9.
15.	Bisections at II, III, IV, V, VI.
19.	Bisections at b_3, b_5, b_7, b_9.
20, 21.	Bisections at III, IV, V.
23.	Bisections at b_1, b_5, b_6.
26, 39.	Bisections at b_1, b_3, b_5, b_7, b_9.
33.	Bisections at II, III, V, VI.

Note.

34, 36. Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 4.8	− 7.0	...	− 2.2
2	+ 5.4	.. ....	− 0.6	+ 4.8
3	+ 3.8	−15 57.0	...	−15 53.2
4	+ 3.9	+15 57.0	...	+16 0.9
15	+30 39.8	−15 39.6	...	+15 0.2
44	+ 4.7	− 7.0	...	− 2.3
45	+ 5.3	.. ....	− 0.5	+ 4.8
46	+ 3.8	−15 54.5	...	−15 50.7
47	+ 3.8	+15 54.5	...	+15 58.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Hydræ	9	5 56.79	− 0.06	+ **7.11**	50 43 48.62	46.432	− 4.60	+1 7.8	10 6 3.77	.....	−11 53 52.5	....
2	λ Ursæ Majoris	9	11 22.90	+ 0.07	+ 7.04	355 27 45.88	47.915	− 4.60	− 4.3	10 11 30.01	.....	+43 22 48.2	....
3	29 H. Camelopardalis	8	16 11.17	+ 0.05	+ 7.04	314 7 44.52	47.805	− 4.60	− 56.9	10 16 18.26	.....	+84 43 44.7	....
4	9 H. Draconis	9	27 7.17	+ 0.09	+ 7.04	322 39 42.80	47.205	− 4.60	− 42.2	10 27 14.30	.....	+76 11 45.4	....
5	31 Cephei s. p.	8	33 19.68	+ 0.16	+ 7.04	292 3 53.80	43.231	− 4.60	−2 15.6	22 33 26.88	+ 1.52	+73 9 21.1	+16.6
6	41 Leonis Minoris	9	38 15.22	+ 0.04	+ **7.05**	15 9 57.85	47.383	− 4.60	+ 15.1	10 38 22.30	.....	+23 40 29.0	....
7	36 H. Cephei s. p.	8	54 58.49	+ 0.18	+ 7.04	302 43 54.82	44.538	− 4.60	−1 26.1	22 55 5.71	+ 4.84	+83 50 41.4	+15.3
8	χ Hydræ	9	0 45.08	− 0.13	+ 7.04	65 38 1.58	43.154	− 4.60	+2 2.5	11 0 51.99	− 0.98	−26 47 45.2	+13.6
9	π Cephei s. p.	7	4 46.91	+ 0.16	+ 7.04	293 45 55.42	46.608	− 4.60	−2 5.3	23 4 54.11	.....	+74 52 50.2	....
10	θ Leonis	9	9 15.37	+ 0.02	+ **7.04**	22 53 59.12	47.735	− 4.60	+ 23.6	11 9 22.43	.....	+15 56 11.3	....
11	δ Crateris	9	14 35.37	− 0.06	+ **7.03**	53 5 58.48	47.905	− 4.60	+1 14.3	11 14 42.35	.....	−14 16 42.6	....
12	γ Crateris	9	20 8.03	− 0.08	+ 7.04	56 0 0.75	47.170	− 4.60	+1 22.7	11 20 14.99	− 0.96	−17 10 36.4	+11.0
13	λ Draconis	9	25 48.34	+ 0.09	+ 7.04	329 1 55.42	43.482	− 4.60	− 33.4	11 25 55.47	.....	+69 50 48.8	....
14	3 Draconis	9	37 12.18	+ 0.09	+ 7.04	331 35 55.60	46.220	− 4.60	− 30.1	11 37 19.31	.....	+67 15 43.1	....
15	χ Ursæ Majoris	9	41 2.57	+ 0.08	+ 7.04	350 33 56.42	45.135	− 4.60	− 9.2	11 41 9.69	.....	+48 17 46.2	....
16	β Virginis	9	45 44.96	− 0.01	+ **7.08**	36 33 59.18	44.310	− 4.60	+ 41.4	11 45 52.00	.....	+ 2 17 11.7	....
17	128 H¹. Camelopardalis	9	0 7.78	+ 0.04	+ 7.05	312 45 55.40	45.931	− 4.60	−1 0.1	12 0 14.87	−11.24	+86 6 19.6	−11.5
18	5 B. Ursæ Minoris	9	14 15.89	+ 0.06	+ 7.05	311 55 55.20	43.383	− 4.60	−1 2.0	12 14 23.00	−15.27	+86 57 19.8	−10.9
19	Moon I, N	9	31 35.52	− 0.02	+ 7.05	37 35 59.72	44.212	− 4.60	+ 43.1	12 31 42.55	+65.94	+ 1 15 11.6	....
	April 25, Hl.												
20	γ Herculis	9	17 43.14	+ 0.09	+ **6.96**	19 27 59.30	48.018	− 5.04	+ 20.1	16 17 50.24	.....	+19 22 8.6	....
21	η Draconis	8	22 38.84	+ 0.19	+ 7.01	337 7 57.38	46.940	− 5.04	− 23.8	16 22 46.04	.....	+61 43 19.0	....
22	ζ Ophiuchi	9	31 56.29	+ 0.02	+ **7.01**	49 14 0.95	43.192	− 5.04	+1 5.6	16 32 3.32	.....	−10 22 48.2	....
23	24 Scorpii	9	36 5.72	− 0.01	+ 7.01	56 24 1.18	44.925	− 5.04	+1 25.1	16 36 12.72	− 1.12	−17 33 47.5	− 0.6
24	114 B. Draconis	9	43 26.63	+ 0.17	+ 7.01	341 53 57.32	48.348	− 5.04	− 18.4	16 43 33.81	.....	+56 56 41.3	....
25	49 Herculis	9	47 44.74	+ 0.08	+ 7.01	23 44 0.02	43.755	− 5.04	+ 24.9	16 47 51.83	.....	+15 7 40.5	....
26	30 Ophiuchi	9	56 3.26	+ 0.03	+ 7.01	42 55 59.18	44.515	− 5.04	+ 52.8	16 56 10.30	.....	− 4 5 3.9	....
27	60 Herculis	9	0 57.81	+ 0.08	+ 7.01	25 57 59.48	48.108	− 5.04	+ 27.7	17 1 4.90	− 0.99	+12 51 58.7	+ 5.3
28	η Ophiuchi	9	4 56.69	0.00	+ **6.93**	54 25 59.22	47.428	− 5.04	+1 19.3	17 5 3.70	.....	−15 36 37.0	....
29	σ Ophiuchi	9	21 47.81	+ 0.06	+ **7.05**	34 37 58.55	44.555	− 5.04	+ 39.2	17 21 54.88	.....	+ 4 13 9.4	....
30	51 Ophiuchi	9	25 38.43	− 0.04	+ 7.01	62 42 0.72	48.200	− 5.04	+1 49.8	17 25 45.40	− 0.98	−23 53 26.6	− 3.3
31	α Ophiuchi	9	30 30.86	+ 0.07	+ **7.00**	26 13 59.42	44.035	− 5.04	+ 28.0	17 30 37.94	.....	+12 37 31.4	....
32	β Ophiuchi	9	38 46.48	+ 0.06	+ **7.01**	34 13 59.00	46.930	− 5.04	+ 38.7	17 38 53.55	.....	+ 4 36 15.2	....
33	μ Herculis	9	42 42.91	+ 0.11	+ **7.03**	11 5 58.08	42.712	− 5.04	+ 11.2	17 42 50.03	.....	+27 46 19.9	....
34	ξ Draconis	9	51 49.62	+ 0.15	+ 7.02	341 57 57.72	47.552	− 5.04	− 18.4	17 51 56.79	.....	+56 52 59.1	....
35	δ Ursæ Minoris	9	2 21.83	+ 0.35	+ 7.02	312 15 56.48	45.202	− 5.04	−1 2.3	18 2 29.20	.....	+86 36 37.7	....
36	51 H. Cephei s. p.	9	56 52.00	+ 0.12	+ 7.02	306 4	......	....	. ....	6 56 59.14	.....	+87 12	....
37	Venus N	.	.. ..	....	....	40 37 58.58	46.959	− 4.78	+ 47.7	23 58	.....	− 1 47 54.3	....
38	Mercury C. C.	9	43 2.81	+ 0.02	+ 7.09	37 12 1.55	48.880	− 4.78	+ 42.0	0 43 9.92	− 0.06	+ 1 37 24.5	....
	April 26, Hl.												
39	Sun I, N	9	10 50.61	+ 0.04	+ 7.10	25 15 59.25	48.905	− 4.71	+ 25.9	2 10 57.75	+65.59	+13 33 42.7	....
40	Sun II, S	9	13 1.79	+ 0.04	+ 7.10	25 47 59.50	48.392	− 4.71	+ 26.5	2 13 8.93	−65.59	+13 1 52.6	....
	April 26, P.												
41	Venus II, N	9	2 45.12	+ 0.11	+ 7.23	40 11 58.10	44.764	− 4.01	+ 49.3	0 2 52.46	− 0.46	− 1 21 6.0	....
	April 29, M.												
42	43 H. Cephei s. p.	9	55 34.83	− 0.83	+ 7.68	304 37 53.10	46.080	− 1.89	−1 21.9	0 55 41.68	.....	+85 45 21.7	....
43	θ Virginis	9	5 1.45	+ 0.02	+ **7.74**	43 51 57.90	48.638	− 1.89	+ 54.8	13 5 9.15	.....	− 5 2 42.0	....
44	ρ Centauri	9	11 37.05	− 0.11	+ 7.68	69 49 57.95	45.150	− 1.89	+2 34.1	13 11 44.62	− 1.53	−31 1 1.5	+ 8.0
45	l Ursæ Minoris	9	18 23.94	+ 0.99	+ 7.68	313 37 52.58	45.310	− 1.89	− 59.5	13 18 32.61	−11.48	+85 14 33.3	− 8.1

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
25 10 23	.....	....	68.3	1.	Bisections at I, II, VI.	19	+35 23.4	−15 53.7	...	+19 29.5
10 42	.....	....	67.5	3.	Bisections at b_2, b_5, b_8.	37	+ 4.7	− 7.0	...	− 2.3
11 12	29.71	67.0	65.5	4, 14, 35.	Bisections at III, IV, V.	38	+ 5.1	.. ....	−0.5	+ 4.6
11 29	.....	....	65.8	5, 7, 17, 18, 42, 45.	Bisections at b_1, b_2, b_5, b_8, b_9.	39	+ 3.7	−15 55.0	...	−15 51.3
12 8	29.72	66.5	65.0	6, 30.	Bisections at II, VI, VII.	40	+ 3.8	+15 55.0	...	+15 58.8
12 28	29.72	65.5	64.5	8, 37, 38, 41.	Bisections at I, II, VI, VII.	41	+ 4.6	− 6.9	...	− 2.3
16 9	29.71	60.0	58.3	9.	Bisections at b_1, b_2, b_5, b_6.					
16 30	.....	....	58.1	15, 21.	Bisections at III, V.					
16 41	.....	....	58.0	19.	Bisections at II, III, IV, V, C_2.					
17 14	29.69	58.9	57.1	31, 40.	Bisections at VI, VII.					
17 34	.....	....	56.9	39.	Bisections at I, II.					
17 47	.....	....	56.8							
18 14	29.71	57.9	56.1							
23 58	29.76	68.0	64.0							
0 43	29.76	70.4	71.5							
26 2 13	29.75	73.1	76.1	Notes.						
0 4	30.10	53.5	50.9	1-3. Clouds.						
29 12 50	29.86	59.4	58.4	5, 9. Poor.						
13 14	.....	....	58.0							

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	70 Virginis	9	23 46.36	+ 0.08	+ 7.68	24 33 57.52	46.955	− 1.89	+ 26.1	13 23 54.12	.....	+14 16 25.3	....
2	81 Ursæ Majoris	9	30 26.73	+ 0.22	+ 7.68	343 1 54.02	46.138	− 1.89	− 17.3	13 30 34.63	− 1.81	+55 49 30.9	− 3.3
3	*m* Virginis	9	36 37.36	+ 0.01	+ **7.68**	47 3 57.88	46.978	− 1.89	+1 1.3	13 36 45.05	.....	− 8 14 10.5	....
4	τ Boötis	9	42 44.07	+ 0.09	+ 7.68	20 55 54.80	45.408	− 1.89	+ 21.8	13 42 51.84	.....	+17 55 7.9	....
5	*h* Centauri	9	47 45.20	− 0.12	+ 7.68	70 15 58.42	48.180	− 1.89	+2 38.0	13 47 52.76	− 1.61	−31 28 15.2	+ 5.9
6	92 Virginis	9	51 37.10	+ 0.04	+ 7.68	37 19 56.30	46.862	− 1.89	+ 43.5	13 51 44.82	− 1.24	+ 1 30 11.5	+ 4.2
7	τ Virginis	9	56 48.28	+ 0.04	+ **7.70**	36 51 57.55	43.268	− 1.89	+ 42.8	13 56 56.00	.....	+ 1 59 33.1	....
8	π Hydræ	9	0 58.34	− 0.08	+ 7.68	65 3 58.95	44.345	− 1.89	+2 2.2	14 1 5.94	.....	−26 14 12.3	....
9	55 Cassiopeiæ s. p.	9	7 0.11	− 0.02	+ 7.68	284 59 52.05	45.953	− 1.89	−3 28.4	2 7 7.77	.....	+66 5 11.5	....
10	ι Virginis	9	11 1.79	+ 0.02	+ **7.67**	44 23 56.95	45.588	− 1.89	+ 55.9	14 11 9.49	.....	− 5 33 32.4	....
11	2 Libræ	9	18 18.94	0.00	+ 7.68	50 7 57.68	44.870	− 1.89	+1 8.3	14 18 26.62	− 1.35	−11 17 29.1	+ 4.3
12	52 Hydræ	9	22 37.41	− 0.10	+ 7.68	67 53 57.92	44.533	− 1.89	+2 19.8	14 22 44.99	− 1.58	−29 4 33.2	+ 3.9
13	5 Ursæ Minoris	9	27 38.95	+ 0.42	+ 7.68	322 45 51.02	44.528	− 1.89	− 43.2	14 27 47.05	.....	+76 6 36.7	....
14	6 B. Libræ	9	31 56.50	− 0.01	+ 7.69	50 45 57.45	42.782	− 1.89	+1 9.8	14 32 4.18	− 1.35	−11 54 42.7	+ 3.8
15	ζ Boötis (*mean*)	9	36 35.98	+ 0.08	+ 7.69	24 43 57.05	44.080	− 1.89	+ 26.3	14 36 43.75	.....	+14 7 31.5	....
16	ε Boötis	9	40 49.12	+ 0.12	+ **7.66**	11 23 54.42	43.915	− 1.89	+ 11.6	14 40 56.93	.....	+27 27 52.5	....
17	α Libræ	9	45 37.63	− 0.02	+ **7.68**	54 29 56.90	44.252	− 1.89	+1 19.9	14 45 45.30	.....	−15 39 25.8	....
18	ξ^2 Libræ	9	51 36.89	0.00	+ **7.65**	49 51 58.20	46.682	− 1.89	+1 7.7	14 51 44.58	.....	−11 2 10.5	....
19	57 B. Ursæ Minoris	9	7 14.44	+ 1.89	+ 7.69	311 17 52.70	43.093	− 1.89	−1 4.7	15 7 24.02	.....	+87 35 28.8	....
	April 30, Hl.												
20	Sun I, S.	9	25 57.76	+ 0.07	+ 7.68	24 31 54.42	48.555	− 3.94	+ 25.3	2 26 5.51	+65.83	+14 17 55.3	....
21	Sun II, N.	9	28 9.43	+ 0.07	+ 7.68	23 59 54.38	49.180	− 3.94	+ 24.7	2 28 17.18	−65.84	+14 49 40.7	....
22	φ Leonis	9	11 49.12	− 0.01	+ 7.73	41 57 51.55	49.470	− 6.12	+ 50.0	11 11 56.84	− 0.77	− 3 8 45.6	+ 7.9
23	σ Leonis	9	16 13.52	+ 0.02	+ **7.74**	32 17 51.92	47.532	− 6.12	+ 35.1	11 16 21.27	.....	+ 6 32 13.2	....
24	39 H. Cephei s. p.	9	27 29.44	+ 0.41	+ 7.73	305 39 44.98	46.628	− 6.12	−1 16.9	23 27 37.58	.....	+86 47 26.7	....
25	*o* Virginis	9	0 21.52	+ 0.02	+ **7.73**	29 35 50.45	45.992	− 6.12	+ 31.7	12 0 29.28	.....	+ 9 14 53.2	....
26	10 Virginis	9	4 48.63	0.00	+ 7.74	36 25 50.62	45.065	− 6.12	+ 41.1	12 4 56.37	− 0.96	+ 2 25 4.9	+ 5.6
27	6 B. Ursæ Minoris	9	14 39.33	− 0.30	+ 7.74	310 39 43.82	44.578	− 6.12	−1 4.5	12 14 46.77	.....	+88 13 7.4	....
28	23 Comæ Berenices	9	30 6.33	+ 0.04	+ 7.74	15 41 49.80	47.902	− 6.12	+ 15.7	12 30 14.11	.....	+23 8 26.2	....
29	ρ Virginis	9	37 3.98	+ 0.02	+ **7.75**	28 5 50.12	46.300	− 6.12	+ 29.8	12 37 11.74	.....	+10 44 48.4	....
30	35 Virginis	9	43 0.63	+ 0.01	+ **7.73**	34 45 49.25	46.185	− 6.12	+ 38.7	12 43 8.38	.....	+ 4 4 43.0	....
31	ψ Virginis	9	49 24.42	− 0.02	+ 7.74	47 51 51.68	47.428	− 6.12	+1 1.6	12 49 32.14	− 1.17	− 9 2 10.7	+ 6.8
32	48 Virginis	6	59 0.29	− 0.01	+ 7.74	41 59 51.98	47.188	− 6.12	+ 50.3	12 59 8.02	− 1.16	− 3 9 54.4	+ 5.6
33	θ Virginis	9	5 1.48	− 0.01	+ **7.74**	43 53 51.15	43.880	− 6.12	+ 53.7	13 5 9.21	.....	− 5 2 41.2	....
	April 30, P.												
34	Moon N.	.	.. ..	....	....	59 47 50.38	44.587	− 5.11	+1 35.9	.. ..	.....	−20 57 41.0	....
35	Moon II, S.	8	27 25.74	− 0.08	+ 7.77	60 19 51.15	47.532	− 5.11	+1 38.1	17 27 33.43	−73.37	−21 30 48.3	....
	May 2, Hl.												
36	Venus II, N.	9	29 10.08	+ 0.09	+ 8.10	37 29 50.92	44.649	− 3.52	+ 44.2	0 29 18.27	− 0.44	+ 1 21 8.4	....
37	Mercury C, C.	9	22 37.49	+ 0.09	+ 8.10	32 49 50.88	45.858	− 3.52	+ 37.0	1 22 45.68	− 0.04	+ 6 0 48.0	....
	May 3, Hl.												
38	Sun I.	7	37 23.73	+ 0.09	+ 8.11	23 24	......	....	.....	2 37 31.93	+66.07	.. ..	....
39	Sun II.	9	39 35.88	+ 0.09	+ 8.11	... .	......	....	.....	2 39 44.08	−66.08	.. ..	....
	May 3, P.												
40	Mercury C, C.	9	28 45.17	+ 0.06	+ 8.24	32 7 51.65	47.695	− 4.43	+ 35.1	1 28 53.47	− 0.04	+ 6 42 8.0	....
	May 4, P.												
41	Sun I, N.	9	41 13.64	+ 0.07	+ 8.24	22 47 51.48	48.730	− 4.44	+ 23.5	2 41 21.95	+66.11	+16 1 56.6	....
42	Sun II, S.	9	43 25.86	+ 0.07	+ 8.24	23 19 50.95	48.050	− 4.44	+ 24.1	2 43 34.17	−66.11	+15 30 11.1	....
43	*l* Leonis	9	44 14.34	+ 0.11	+ **8.33**	27 47 49.48	47.920	− 4.05	+ 30.8	10 44 22.76	.....	+11 2 8.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 13 34	29.85	58.8	....
13 55	.....	....	57.4
14 4	.....	....	57.1
14 37	.....	....	56.7
15 15	29.83	56.9	56.1
30 2 28	29.76	69.5	71.1
11 1	29.72	70.1	69.0
11 34	.....	....	68.0
11 54	29.72	68.3	67.3
12 24	.....	....	66.8
12 47	.....	....	66.4
13 10	.....	....	66.0
13 20	29.72	67.0	....
17 28	29.75	64.5	65.0
2 0 29	29.98	56.1	54.8
1 23	29.79	58.8	57.2
3 1 29	29.69	65.0	65.5
4 2 43	29.72	66.7	66.4
10 42	30.00	52.0	49.5

Micrometer bisections are made at II, VI, except as noted below.

1, 21, 32, 35, 42.	Bisections at VI, VII.
5, 8, 12.	Bisections at II, VI, VII.
9, 13, 24, 27.	Bisections at III, IV, V.
19.	Bisections at b_1, b_2, b_5, b_8, b_9.
20, 41.	Bisections at I, II.
34.	Bisections at I, II, III.
36, 37, 40.	Bisections at I, II, VI, VII.

Notes.

19. Microscopes read before and after observation.
22. Haze and clouds.
24. Very faint.
33. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
20	+ 3.6	+15 52.7	...	+15 56.3
21	+ 3.5	−15 52.6	...	−15 49.1
34	+51 57.5	−16 24.9	+ 0.1	+35 32.7
35	+52 15.1	+16 24.9	...	+68 40.0
36	+ 4.2	− 6.7	...	− 2.5
37	+ 4.1	.. ..	− 0.3	+ 3.8
40	+ 4.0	.. ..	− 0.3	+ 3.7
41	+ 3.4	−15 52.8	...	−15 49.4
42	+ 3.4	+15 52.0	...	+15 56.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	54 Leonis.................	9	50 26.91	+ 0.16	+ 8.31	13 35 46.38	47.188	− 4.01	+ 14.2	10 50 35.38	− 0.55	+25 14 45.3	− 0.6
2	*d* Leonis.................	9	55 37.75	+ 0.09	+ **8.29**	34 43 48.08	45.622	− 3.98	+ 40.5	10 55 46.15	.....	+ 4 6 53.1	....
3	χ Leonis.................	9	0 5.43	+ 0.10	+ **8.36**	30 59 48.10	47.542	− 3.95	+ 35.1	11 0 13.84	.....	+ 7 50 14.6	....
4	θ Leonis.................	9	9 13.89	+ 0.13	+ **8.32**	22 53 49.38	47.997	− 3.89	+ 24.7	11 9 22.34	.....	+15 56 13.1	....
5	σ Leonis.................	9	16 12.79	+ 0.10	+ **8.35**	32 17 49.58	47.412	− 3.85	+ 37.0	11 16 21.21	.....	+ 6 32 14.1	....
6	39 H. Cephei s. p.	9	27 30.28	− 1.95	+ 8.32	305 39 44.30	46.748	− 3.78	−1 21.0	23 27 36.65	.....	+86 47 27.1	....
7	*b* Virginis.............	9	55 3.58	+ 0.09	+ 8.32	34 39 48.32	47.180	− 3.60	+ 40.5	11 55 11.99	− 0.89	+ 4 10 16.7	+ 5.2
8	14 H¹. Draconis..........	9	0 26.26	+ 0.68	+ 8.32	321 25 43.48	47.385	− 3.57	− 46.5	12 0 35.26	− 2.97	+77 25 43.9	−12.2
9	6 B. Ursæ Minoris.......	9	14 35.33	+ 3.99	+ 8.32	310 39 42.12	44.669	− 3.47	−1 7.9	12 14 47.64	.....	+88 13 8.0	....
10	9 Canum Venaticorum ..	9	34 10.48	+ 0.23	+ 8.32	357 27 47.55	46.678	− 3.35	− 2.5	12 34 19.03	− 1.17	+41 23 11.9	− 3.7
11	ρ Virginis...............	9	37 3.31	+ 0.11	+ **8.32**	28 5 48.18	46.195	− 3.33	+ 31.4	12 37 11.74	.....	+10 44 48.1	....
12	31 Comæ Berenices.......	9	47 2.87	+ 0.18	+ **8.23**	10 47 48.30	47.208	− 3.27	+ 11.3	12 47 11.37	.....	+28 2 45.2	....
13	ψ Virginis...............	9	49 23.76	+ 0.04	+ 8.32	47 51 48.20	47.260	− 1.68	+1 4.9	12 49 32.12	− 1.16	− 9 2 11.1	+ 6.8
14	48 Virginis..............	9	58 59.60	+ 0.06	+ 8.33	41 59 48.62	47.080	− 3.19	+ 52.9	12 59 7.99	− 1.16	− 3 9 53.9	+ 5.7
15	17 Canum Venaticorum ..	9	5 39.79	+ 0.22	+ 8.33	359 51 46.78	45.568	− 3.15	− 0.1	13 5 48.34	− 1.27	+38 59 35.3	− 2.4
	May 4, Hl.												
16	30 Ophiuchi...............	9	56 2.05	+ 0.10	+ 8.34	42 55 48.10	44.805	− 3.39	+ 55.2	16 56 10.49	.....	− 4 5 3.5	....
17	60 Herculis...............	9	0 56.63	+ 0.16	+ 8.34	25 57 48.35	48.408	− 3.39	+ 29.0	17 1 5.13	− 1.17	+12 52 0.1	+ 4.0
18	B. D.+30°2931........	9	4 10.94	+ 0.22	+ 8.34	8 11 46.95	44.065	− 3.38	+ 8.6	17 4 19.50	− 1.29	+30 40 1.1	+ 6.1
19	δ Herculis...............	9	11 5.34	+ 0.20	+ **8.37**	13 53 47.85	46.990	− 3.36	+ 14.7	17 11 13.88	.....	+24 56 47.0	....
20	σ Ophiuchi...............	9	21 46.62	+ 0.13	+ **8.37**	34 37 46.98	44.880	− 3.33	+ 41.0	17 21 55.09	.....	+ 4 13 10.0	....
21	ν¹ Draconis..............	9	30 13.82	+ 0.33	+ 8.34	343 37 44.30	43.558	− 3.31	− 17.4	17 30 22.49	− 1.79	+55 14 41.1	+ 8.9
22	*o* Serpentis..............	9	36 3.95	+ 0.07	+ 8.35	51 39 48.65	45.218	− 3.31	+1 15.0	17 36 12.37	− 1.09	−12 49 33.3	− 1.0
23	87 Herculis...............	9	44 55.50	+ 0.20	+ 8.35	13 11 46.82	46.282	− 3.28	+ 14.0	17 45 4.05	− 1.12	+25 39 5.1	+ 6.6
24	89 Herculis...............	9	51 32.65	+ 0.20	+ **8.37**	12 45 46.32	49.840	− 3.26	+ 13.5	17 51 41.20	.....	+26 3 44.7	....
25	67 Ophiuchi...............	9	55 51.74	+ 0.12	+ 8.35	35 53 44.65	47.732	− 3.25	+ 43.0	17 56 0.21	.....	+ 2 56 5.1	....
26	*o* Herculis...............	9	3 47.41	+ 0.21	+ **8.35**	10 5 47.50	47.088	− 3.23	+ 10.6	18 3 55.97	.....	+28 44 49.3	....
27	5 B. Lyræ................	9	12 37.88	+ 0.26	+ 8.35	356 43 47.40	46.065	− 3.21	− 3.3	18 12 46.49	− 1.23	+42 7 26.6	+ 9.8
28	η Serpentis..............	9	16 22.31	+ 0.10	+ **8.32**	41 45 47.98	45.930	− 3.20	+ 53.0	18 16 30.76	.....	− 2 55 27.1	....
29	*c* Serpentis..............	9	24 43.02	+ 0.11	+ 8.35	40 53 48.15	44.265	− 3.18	+ 51.4	18 24 51.48	− 0.86	− 2 2 47.6	+ 1.2
30	3 H. Scuti................	9	30 1.23	+ 0.08	+ **8.33**	47 9 48.78	43.100	− 3.17	+1 4.0	18 30 9.66	.....	− 8 18 34.2	....
31	B. D.+52°2268........	9	39 17.01	+ 0.32	+ 8.35	346 21 44.78	45.138	− 3.14	− 14.3	18 39 25.68	− 1.33	+52 30 1.2	+12.0
32	204 B. Draconis............	9	44 31.18	+ 0.32	+ 8.35	345 57 45.00	48.095	− 3.13	− 14.8	18 44 39.85	− 1.31	+52 52 53.9	+12.2
33	ξ Sagittarii..............	9	52 3.36	+ 0.03	+ 8.35	60 3 49.68	44.313	− 3.11	+1 43.0	18 52 11.74	− 0.77	−21 13 41.9	− 4.5
34	ζ Aquilæ................	9	1 0.38	+ 0.16	+ **8.35**	25 5 49.10	50.068	− 3.09	+ 27.9	19 1 8.89	.....	+13 43 22.2	....
35	Moon II.................	9	38 46.48	+ 0.06	+ 8.37	56 4	......	....	. ....	21 38 54.91	−69.12	.. ..	....
	May 6, M.												
36	Sun N..................	.	.. ..	....	....	22 13 49.52	47.388	− 4.43	+ 22.9	2 50	.....	+16 36 29.8	....
37	Sun S..................	.	.. ..	....	....	22 45 50.92	46.502	− 4.43	+ 23.5	.. ..	.....	+16 4 47.1	....
	May 7, P.												
38	Venus N.................	.	.. ..	....	....	35 13 49.58	45.010	− 3.60	+ 40.0	0 51	.....	+ 3 37 5.7	....
	May 8, P.												
39	Sun S..................	.	.. ..	....	....	22 11 50.60	47.708	− 3.48	+ 22.9	2 57	.....	+16 38 20.4	....
40	Sun N..................	.	.. ..	....	....	21 39 54.18	48.352	− 3.48	+ 22.3	.. ..	.....	+17 10 1.8	....
	May 9, M.												
41	γ Cephei s. p.	9	35 20.42	− 0.01	+ 9.13	295 59 50.05	45.542	− 4.08	−1 54.9	23 35 29.54	.....	+77 6 31.4	....
42	χ Ursæ Majoris..........	9	41 0.24	+ 0.18	+ 9.13	350 33 51.65	45.215	− 4.08	− 9.3	11 41 9.55	.....	+48 17 48.6	....
43	β Virginis...............	9	45 42.76	+ 0.05	+ **9.12**	36 33 54.18	44.485	− 4.08	+ 42.0	11 45 51.94	.....	+ 2 17 11.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 11 4	......	....	48.2
11 33	29.995	50.0	47.5
11 52	......	....	47.2
12 20	30.02	[illegible]	46.6
12 57	......	....	[illegible]
13 17	30.01	47.5	46.0
16 48	30.05	43.9	41.6
17 9	......	....	41.3
17 19	......	....	41.7
17 33	30.06	43.5	41.6
18 1	......	....	41.2
18 11	......	....	41.0
18 34	......	....	40.8
18 49	......	....	40.5
19 6	30.05	42.2	40.1
6 2 51	29.83	[illegible]	64.1
7 0 49	29.865	61.5	[illegible]
8 2 59	[illegible]	65.5	[illegible]
9 11 28	29.70	60.5	59.5

Micrometer bisections are made at II, VI, except as noted below.

4, 33.	Bisections at II, VI, VII.
6, 9.	Bisections at b_1, b_3, b_5, b_7, b_9.
7, 11, 19, 37, 40.	Bisections at VI, VII.
8.	Bisections at IV, V.
10.	Bisections at III, V.
12, 36, 39.	Bisections at I, II.
38.	Bisections at I, II, VI, VII.
41.	Bisections at III, IV, V.

Notes.

1.	Micrometer reading increased 1 rev.
4.	Revolutions of micrometer reading assumed.
6, 25.	Haze.
7.	Clouds.
13.	Two microscopes used.
23, 24.	Unsteady.
26.	Very faint.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
36	+ 3.3	−15 51.3	...	−15 48.0
37	+ 3.4	+15 51.3	...	+15 54.7
38	+ 3.8	− 6.5	...	− 2.7
39	+ 3.3	+15 50.7	...	+15 54.0
40	+ 3.2	−15 50.6	...	−15 47.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Groombridge 4163 s. p.	9	50 6.79	+ 0.03	+ 9.13	292 47 49.10	43.182	− 4.08	−2 13.3	23 50 15.95	.....	+73 53 18.1	....
2	128 H^1. Camelopardalis	9	0 2.28	+ 0.75	+ 9.13	312 45 50.24	46.043	− 4.08	−1 0.9	12 0 12.16	− 8.30	+86 6 22.5	−14.5
3	6 B. Ursæ Minoris	9	14 34.78	+ 1.49	+ 9.13	310 39 48.82	44.248	− 4.08	−1 5.7	12 14 45.40	.....	+88 13 9.2	....
	May 9, Ei.-M.												
4	δ Corvi	9	24 55.03	− 0.01	+ **9.18**	54 49 56.05	46.015	− 4.08	+1 20.4	12 25 4.13	.....	−16 0 3.6	....
5	B. D. + 1°2721	9	30 56.87	+ 0.05	+ 9.11	37 43 55.15	44.562	− 4.08	+ 43.9	12 31 6.03	− 1.02	+ 1 7 7.0	+ 5.0
6	ρ Virginis	9	37 2.54	+ 0.08	+ **9.09**	28 5 53.55	45.998	− 4.08	+ 30.4	12 37 11.73	.....	+10 44 49.3	....
7	35 Virginis	9	42 59.18	+ 0.06	+ **9.10**	34 45 54.65	45.795	− 4.08	+ 39.5	12 43 8.35	.....	+ 4 4 43.7	....
8	31 Comæ Berenices	9	47 2.07	+ 0.12	+ **9.07**	10 47 52.55	46.928	− 4.08	+ 10.9	12 47 11.30	.....	+28 2 48.4	....
	May 9, M.												
9	43 H. Cephei s. p.	9	55 34.61	− 0.38	+ 9.13	304 37 48.90	46.241	− 4.08	−1 21.8	0 55 43.36	.....	+85 45 19.1	....
10	θ Virginis	9	5 0.04	+ 0.03	+ **9.12**	43 53 55.12	43.588	− 4.08	+ 54.7	13 5 9.21	.....	− 5 2 41.5	....
11	43 Comæ Berenices	9	7 24.02	+ 0.12	+ **9.10**	10 29 52.68	46.540	− 4.08	+ 10.6	13 7 33.28	.....	+28 20 57.5	....
12	20 Canum Venaticorum	9	13 14.48	+ 0.15	+ 9.14	357 47 52.92	45.022	− 4.08	− 2.3	13 13 23.77	.....	+41 3 44.8	....
13	l Ursæ Minoris	9	18 22.17	+ 0.63	+ 9.14	313 37 50.75	45.369	− 4.08	− 59.4	13 18 31.94	−10.43	+85 14 35.9	−10.7
14	350 G. Hydræ	9	27 17.37	− 0.07	+ 9.14	67 1 55.65	46.155	− 4.08	+2 13.7	13 27 26.44	− 1.51	−28 12 59.7	+ 8.1
15	40 Cassiopeiæ s. p.	9	30 51.90	+ 0.04	+ 9.14	291 27 49.52	44.867	− 4.08	−2 23.1	1 31 1.08	.....	+72 33 47.3	....
16	m Virginis	9	36 35.93	+ 0.02	+ **9.11**	47 3 55.55	47.165	− 4.08	+1 1.2	13 36 45.09	.....	− 8 14 10.2	....
17	τ Boötis	9	42 42.62	+ 0.09	+ 9.14	20 55 52.48	45.532	− 4.08	+ 21.8	13 42 51.85	.....	+17 55 9.5	....
	May 9, Hl.												
18	51 Ophiuchi	9	25 36.74	− 0.02	+ 9.09	62 41 56.12	48.330	− 3.94	+1 50.8	17 25 45.81	− 1.33	−23 53 27.1	− 3.1
19	α Ophiuchi	9	30 29.11	+ 0.08	+ **9.06**	26 13 53.90	44.125	− 3.94	+ 28.3	17 30 38.28	.....	+12 37 33.6	....
20	ι Herculis	9	36 42.72	+ 0.14	+ 9.09	352 47 53.72	46.722	− 3.94	− 7.2	17 36 51.95	.....	+46 3 9.9	....
21	89 Herculis	9	51 32.08	+ 0.11	+ **9.15**	12 47 53.70	44.280	− 3.94	+ 13.1	17 51 41.28	.....	+26 3 45.5	....
22	67 Ophiuchi	9	55 51.12	+ 0.06	+ 9.09	35 53 55.12	47.390	− 3.94	+ 41.6	17 56 0.27	.....	+ 2 56 4.5	....
23	70 Ophiuchi (*brighter*)	9	0 37.33	+ 0.06	+ 9.09	36 19 54.80	44.415	− 3.94	+ 42.2	18 0 46.48	.....	+ 2 31 12.3	....
24	μ Sagittarii	9	8 4.18	− 0.01	+ 9.09	59 53 55.62	47.615	− 3.94	+1 38.8	18 8 13.26	.....	−21 4 58.4	....
25	δ Sagittarii	9	14 54.65	− 0.05	+ 9.10	68 41 56.68	43.005	− 3.94	+2 26.3	18 15 3.70	.....	−29 52 1.4	....
26	109 Herculis	9	19 35.94	+ 0.10	+ **9.16**	17 7 53.75	44.740	− 3.94	+ 17.7	18 19 45.14	.....	+21 43 30.3	....
27	3 H. Scuti	9	30 0.62	+ 0.04	+ **9.10**	47 9 54.80	43.012	− 3.94	+1 1.8	18 30 9.76	.....	− 8 18 35.3	....
28	29 H. Sagittarii	9	33 12.67	− 0.01	+ 9.10	59 55 54.78	49.550	− 3.94	+1 39.0	18 33 21.76	− 1.02	−21 7 41.8	− 4.4
29	φ Sagittarii	9	39 42.83	− 0.03	+ 9.10	65 53 55.82	46.740	− 3.94	+2 7.8	18 39 51.90	.....	−27 5 7.4	....
30	30 Sagittarii	9	45 7.01	− 0.01	+ 9.10	61 5 57.05	45.028	− 3.94	+1 43.7	18 45 16.10	− 0.96	−22 16 5.4	− 4.9
31	θ Serpentis	9	51 27.51	+ 0.07	+ **9.08**	34 45 53.70	45.445	− 3.94	+ 39.8	18 51 36.68	.....	+ 4 4 52.2	....
32	ε Aquilæ	9	55 15.78	+ 0.08	+ **9.13**	23 53 53.60	47.360	− 3.94	+ 25.5	18 55 24.96	.....	+14 56 22.8	....
33	17 Lyræ	9	3 46.37	+ 0.12	+ 9.10	6 29 52.35	46.320	− 3.94	+ 6.6	19 3 55.59	− 0.99	+32 21 6.7	+ 9.1
34	19 Lyræ	9	8 3.71	+ 0.12	+ 9.10	7 43 52.32	45.242	− 3.94	+ 7.8	19 8 12.93	− 0.96	+31 7 30.1	+ 9.0
35	Venus II, N.	9	0 6.56	− 0.01	+ 9.15	34 19 55.75	44.365	− 4.25	+ 37.8	1 0 15.70	− 0.43	+ 4 31 17.1	....
36	Mercury C, C.	9	8 21.09	− 0.01	+ 9.16	27 45 54.80	47.184	− 4.75	+ 29.0	2 8 30.24	− 0.02	+11 4 22.9	....
	May 10, Hl.												
37	Sun I, N.	9	4 24.29	+ 0.02	+ 9.16	21 7 54.05	47.475	− 4.70	+ 21.3	3 4 33.47	+66.73	+17 42 25.1	....
38	Sun II, S.	9	6 37.74	+ 0.02	+ 9.16	21 39 54.80	46.672	− 4.70	+ 21.9	3 6 46.92	−66.72	+17 10 41.2	....
	May 10, P.												
39	Mercury C, C.	7	15 27.34	+ 0.05	+ 9.29	26 59 53.78	48.738	− 4.34	+ 29.4	2 15 36.68	− 0.02	+11 49 47.6	....
	May 11, P.												
40	Sun I, N.	9	8 18.16	+ 0.13	+ 9.29	20 51 56.05	48.060	− 4.49	+ 21.9	3 8 27.58	+66.74	+17 58 8.9	....
41	Sun II, S.	9	10 31.63	+ 0.13	+ 9.29	21 23 50.10	47.428	− 4.49	+ 22.5	3 10 41.05	−66.73	+17 26 27.9	....
42	δ Crateris	9	14 32.82	+ 0.02	+ **9.33**	53 5 54.82	47.900	− 4.96	+1 17.0	11 14 42.19	.....	−14 16 41.1	....
43	σ Leonis	8	16 11.66	+ 0.11	+ **9.40**	32 17 56.02	47.140	− 4.96	+ 36.6	11 16 21.12	.....	+ 6 32 15.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 11 56	......	....	58.7
12 6	29.70	59.4	....
12 24	......	....	57.8
12 40	29.72	58.5	57.2
13 34	......	....	56.0
13 41	29.71	57.0	56.0
17 18	29.72	54.2	52.9
17 42	......	....	52.6
18 5	29.71	53.6	52.0
18 26	......	....	52.0
18 49	......	....	52.0
19 17	29.71	52.7	51.8
1 0	29.76	[illegible]	70.5
2 8	29.74	70.8	73.1
10 3 7	29.735	72.3	74.7
2 15	29.67	51.0	49.3
11 3 11	29.66	52.9	51.6
11 12	29.765	50.5	49.3

Micrometer bisections are made at II, VI, except as noted below.

1, 15.	Bisections at III, IV, V.
2, 3, 9, 13.	Bisections at b_1, b_2, b_5, b_8, b_9.
4.	Bisections at II, VII.
14.	Bisections at II, VI, VII.
24, 38, 41, 43.	Bisections at VI, VII.
35, 36, 39.	Bisections at I, II, VI, VII.
37, 40.	Bisections at I, II.

Notes.

2.	Microscopes read at beginning and end of observation.
12.	Observed head north.
18.	Unsteady.
20–34.	Fog and haze.
23.	Assumed that brighter was observed.
28.	Faint.
36.	Micrometer reading increased 1 rev.
42.	Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
35	+ 3.8	− 6.5	...	− 2.7
36	+ 3.3	.. ....	− 0.2	+ 3.1
37	+ 3.1	−15 51.9	...	−15 48.8
38	+ 3.2	+15 51.9	...	+15 55.1
39	+ 3.2	.. ....	− 0.1	+ 3.1
40	+ 3.1	−15 50.4	...	−15 47.3
41	+ 3.2	+15 50.5	...	+15 53.7

No	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Draconis	9	25 45.15	+ 0.46	+ 9.35	329 1 51.68	43.538	− 4.96	− 34.6	11 25 54.96	.....	+69 50 53.1	....
2	γ Cephei s. p.	9	35 20.34	− 0.32	+ 9.36	295 59 51.05	45.661	− 4.96	−1 57.6	23 35 29.38	.....	+77 6 31.5	....
3	β Leonis	9	44 10.28	+ 0.13	+ **9.39**	23 45 54.95	44.475	− 4.96	+ 25.5	11 44 19.77	.....	+15 5 28.6	....
4	β Virginis	9	45 42.48	+ 0.09	+ **9.34**	36 33 55.90	44.358	− 4.96	+ 43.0	11 45 51.93	.....	+ 2 17 12.5	....
5	π Virginis	9	55 57.88	+ 0.11	+ **9.29**	31 43 54.78	42.915	− 4.96	+ 35.8	11 56 7.35	.....	+ 7 7 54.0	....
6	10 Virginis	9	4 46.86	+ 0.09	+ 9.36	36 25 54.20	44.722	− 4.96	+ 42.8	12 4 56.31	− 0.89	+ 2 25 6.3	+ 5.0
7	1 Canum Venaticorum	9	9 58.48	+ 0.30	+ 9.36	344 53 52.42	46.932	− 4.96	− 15.6	12 10 8.14	− 1.13	+53 57 15.9	− 8.9
8	c Virginis	9	15 29.12	+ 0.10	+ 9.36	35 1 55.65	43.142	− 4.96	+ 40.7	12 15 38.58	− 0.93	+ 3 49 44.0	+ 4.4
9	χ² Centauri	9	20 19.57	− 0.10	+ 9.36	73 28	......	....	....	12 20 28.83	− 1.36	−34 40	....
10	δ Corvi	9	24 54.76	+ 0.02	+ **9.40**	54 49 57.00	45.888	− 4.96	+1 22.3	12 25 4.14	.....	−16 0 2.8	....
11	23 Comæ Berenices	9	30 4.55	+ 0.16	+ 9.36	15 41 54.15	47.565	− 4.96	+ 16.4	12 30 14.07	.....	+23 8 27.7	....
12	330 G. Hydræ	9	38 54.97	− 0.05	+ 9.36	66 37 57.02	46.218	− 4.96	+2 13.9	12 39 4.28	− 1.30	−27 49 1.8	+10.7
13	31 Comæ Berenices	9	47 1.71	+ 0.18	+ **9.35**	10 47 53.32	46.882	− 4.96	+ 11.2	12 47 11.25	.....	+28 2 49.3	....
14	12 Canum Venaticorum	9	51 32.37	+ 0.23	+ 9.36	0 1 53.62	46.138	− 4.96	+ 0.1	12 51 41.96	.....	+38 49 17.0	....
15	48 Virginis	9	58 58.50	+ 0.07	+ 9.36	41 59 56.05	46.825	− 4.96	+ 52.4	12 59 7.93	− 1.14	− 3 9 53.2	+ 5.3
16	17 Canum Venaticorum	9	5 38.68	+ 0.23	+ 9.36	359 51 54.62	45.235	− 4.96	− 0.1	13 5 48.27	− 1.22	+38 59 36.9	− 4.0
17	19 Canum Venaticorum	9	11 12.84	+ 0.24	+ 9.36	357 31 54.70	42.248	− 4.96	− 2.5	13 11 22.44	− 1.28	+41 20 47.4	− 4.4
18	ι Virginis	9	21 40.09	+ 0.03	+ 9.36	51 3 55.88	45.168	− 4.96	+1 12.0	13 21 49.48	− 1.28	−12 13 34.8	+ 6.4
19	73 Virginis	9	26 53.78	0.00	+ 9.36	57 5 55.60	43.210	− 4.96	+1 29.9	13 27 3.14	− 1.36	−18 15 7.6	+ 7.0
20	25 Canum Venaticorum	9	33 11.52	+ 0.22	+ 9.37	2 5 53.78	43.922	− 4.96	+ 2.2	13 33 21.11	.....	+36 46 5.5	....
	May 12, M.												
21	ε Herculis	7	56 35.63	+ 0.23	+ 9.55	7 47 54.80	44.665	− 4.00	+ 8.1	16 56 45.41	.....	+31 3 40.6	....
22	60 Herculis	9	0 55.56	+ 0.16	+ 9.55	25 57 55.60	48.090	− 4.00	+ 28.6	17 1 5.27	− 1.33	+12 52 0.9	+ 2.6
23	98 H^1. Herculis	8	4 36.54	+ 0.27	+ 9.55	358 13 55.20	43.952	− 4.00	− 1.8	17 4 46.36	− 1.61	+40 38 6.3	+ 4.8
24	δ Herculis	8	11 4.32	+ 0.21	+ **9.54**	13 53 54.35	46.700	− 4.00	+ 14.6	17 11 14.08	.....	+24 56 48.1	....
25	B. D. +48°2504	9	17 20.66	+ 0.31	+ 9.55	350 23 53.50	47.795	− 4.00	− 9.8	17 17 30.52	− 1.79	+48 26 48.2	+ 5.7
26	σ Ophiuchi	9	21 45.56	+ 0.14	+ **9.58**	34 37 55.20	44.550	− 4.00	+ 40.5	17 21 55.25	.....	+ 4 13 10.5	....
27	74 B. Camelopardalis s. p.	8	27 3.57	− 0.26	+ 9.55	293 51 51.30	47.657	− 4.00	−2 11.2	5 27 12.86	.....	+74 59 4.7	....
28	B. D. +48°2534	9	31 28.81	+ 0.31	+ 9.55	350 39 53.28	44.645	− 4.00	− 9.6	17 31 38.67	− 1.74	+48 12 0.2	+ 6.4
29	ω Draconis	9	37 22.73	+ 0.49	+ 9.55	330 3 52.90	45.932	− 4.00	− 33.6	17 37 32.77	.....	+68 47 54.9	....
30	X Sagittarii	9	41 34.26	0.00	+ 9.55	66 37 56.45	42.725	− 4.00	+2 15.1	17 41 43.81	− 1.39	−27 47 43.5	− 4.5
31	z Herculis	9	47 29.19	+ 0.31	+ 9.55	350 25 53.42	47.270	− 4.00	− 9.8	17 47 39.05	− 1.70	+48 25 0.3	+ 7.3
32	35 Draconis	9	53 31.22	+ 0.70	+ 9.55	321 53 51.08	45.302	− 4.00	− 45.8	17 53 41.47	.....	+76 58 23.1	....
33	τ Ophiuchi (*mean*)	9	57 52.54	+ 0.10	+ 9.55	47 1 56.72	43.610	− 4.00	+1 3.0	17 58 2.19	− 1.18	− 8 10 52.2	− 0.9
34	72 Ophiuchi	8	2 47.90	+ 0.16	+ **9.54**	29 17 55.78	45.460	− 4.00	+ 33.0	18 2 57.61	.....	+ 9 32 56.4	....
35	40 Draconis	7	6 55.78	+ 0.87	+ 9.55	318 53 52.18	43.360	− 4.00	− 51.0	18 7 6.20	− 5.92	+79 59 12.1	+ 8.6
36	41 Draconis	7	7 1.96	+ 0.87	+ 9.55	318 53 52.18	42.840	− 4.00	− 51.0	18 7 12.38	− 5.92	+79 59 23.9	+ 8.6
37	δ Sagittarii	9	14 54.21	− 0.01	+ 9.56	68 41 57.20	42.865	− 4.00	+2 29.6	18 15 3.76	.....	−29 52 2.0	....
38	109 Herculis	9	19 35.53	+ 0.19	+ **9.55**	17 7 55.18	44.698	− 4.00	+ 18.1	18 19 45.28	.....	+21 43 29.5	....
39	2 H. Scuti	9	23 45.35	+ 0.07	+ 9.56	53 27 56.45	44.680	− 4.00	+1 19.1	18 23 54.98	.....	−14 37 32.2	....
40	23 H. Camelopardalis s. p.	8	30 7.97	− 0.49	+ 9.56	298 33 50.30	44.173	− 4.00	−1 47.0	6 30 17.04	.....	+79 40 8.3	....
41	156 H^1. Draconis	8	34 8.94	+ 0.72	+ 9.56	321 23 49.60	45.632	− 4.00	− 46.7	18 34 19.22	− 4.44	+77 28 18.5	+10.4
42	B. D. +52°2268	9	39 16.06	+ 0.33	+ 9.56	346 21 54.48	44.675	− 4.00	− 14.2	18 39 25.94	− 1.61	+52 30 3.0	+10.1
43	43 Camelopardalis s. p.	8	43 28.80	− 0.13	+ 9.56	287 53 52.72	46.743	− 4.00	−2 58.9	6 43 38.23	+ 2.47	+68 59 57.7	− 7.5
44	σ Sagittarii	9	49 21.48	+ 0.01	+ 9.56	65 13 58.62	45.560	− 4.00	+2 6.8	18 49 31.05	.....	−26 24 42.3	....
45	B. D. +53°2154	9	54 22.49	+ 0.33	+ 9.56	345 37 53.95	45.215	− 4.00	− 15.0	18 54 32.38	− 1.56	+53 13 52.0	+10.9
46	λ Aquilæ	7	1 10.10	+ 0.11	+ **9.54**	43 51 54.90	45.298	− 4.00	+ 56.5	19 1 19.77	.....	− 5 1 22.4	....
47	55 Draconis	9	9 17.19	+ 0.44	+ 9.56	333 1 51.32	47.870	− 4.00	− 29.7	19 9 27.19	− 2.12	+65 49 8.6	+12.4
48	B. D. +38°3538	9	16 0.49	+ 0.26	+ 9.56	0 29 54.65	46.087	− 4.00	+ 0.6	19 16 10.31	− 1.10	+38 21 15.6	+ 9.9
49	δ Aquilæ	9	20 39.69	+ 0.14	+ **9.59**	35 55 55.90	43.112	− 4.00	+ 42.6	19 20 49.39	.....	+ 2 55 40.6	....
50	β Cygni	9	26 49.42	+ 0.22	+ **9.55**	11 5 53.40	44.552	− 4.00	+ 11.6	19 26 59.20	.....	+27 45 41.1	....
51	Venus II, N.	9	13 27.22	+ 0.12	+ 9.57	32 57 57.35	47.288	− 3.46	+ 36.8	1 13 36.91	− 0.43	+ 5 52 9.0	....
52	Mercury C, C.	9	30 8.34	+ 0.14	+ 9.58	25 29 54.78	44.895	− 3.46	+ 26.9	2 30 18.06	− 0.02	+13 21 16.1	....
	May 13, M.												
53	Sun I, S.	9	16 7.52	+ 0.16	+ 9.58	20 53 55.92	45.570	− 4.12	+ 21.5	3 16 17.26	+66.93	+17 57 6.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 11 31	[illegible]	50.5	49.2
11 52	.....	....	49.0
12 34	29.82	49.5	48.1
12 57	.....	....	47.5
13 36	[illegible]	47.0	46.7
12 16 49	[illegible]	46.8	45.0
17 14	.....	....	44.4
17 35	.....	....	44.0
18 1	29.87	45.5	....
18 14	.....	....	43.9
18 47	.....	....	43.4
19 7	29.86	45.5	....
[illegible]	29.85	44.2	42.7
1 13	29.88	59.3	61.0
2 30	29.87	61.8	64.2

Micrometer bisections are made at II, VI, except as noted below.

1, 7, 42, 45, 47. Bisections at III, V.
2. Bisections at b_1, b_3, b_5, b_7, b_9.
3, 53. Bisections at I, II.
4, 10, 22, 33, 34, 46. Bisections at VI, VII.
17, 44, 48. Bisections at II, VI, VII.
27, 40. Bisections at III, IV, V.
35. Bisections at b_1, b_2.
36. Bisections at b[illegible], b[illegible].
41. Bisections at IV, V.
43. Bisections at b_3, b_5, b_7.
51, 52. Bisections at I, II, VI, VII.

Notes.

23. Observed head north.
43. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
51	+ 3.6	− 6.4	...	− 2.8
52	+ 3.0	.. ....	− 0.1	+ 2.9
53	+ 3.1	+15 50.6	...	+15 53.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun II, N	9	18 21.38	+ 0.16	+ 9.58	20 21 55.80	46.387	− 4.12	+ 20.9	3 18 31.12	−66.93	+18 28 47.3	....
2	γ Crateris	9	20 5.31	− 0.03	+ 9.61	55 59 57.95	47.375	− 6.45	+1 23.3	11 20 14.89	− 0.78	−17 10 37.1	+11.4
3	58 Ursæ Majoris	9	25 20.29	+ 0.18	+ 9.61	355 9 53.85	46.800	− 6.43	− 4.7	11 25 30.08	− 0.66	+43 41 8.1	− 7.4
4	ξ Hydræ	9	28 17.09	− 0.12	+ 9.61	70 9 59.35	44.802	− 6.41	+2 34.9	11 28 26.58	.....	−31 20 51.2	....
5	3 Draconis	9	37 8.86	+ 0.31	+ 9.61	331 35 52.85	46.268	− 6.36	− 30.3	11 37 18.78	.....	+67 15 46.7	....
6	χ Ursæ Majoris	9	40 59.59	+ 0.20	+ 9.61	350 33 54.00	45.145	− 6.34	− 9.3	11 41 9.40	.....	+48 17 50.2	....
7	β Leonis	9	44 10.05	+ 0.08	+ **9.65**	23 45 56.80	44.520	− 6.32	+ 24.8	11 44 19.74	.....	+15 5 27.6	....
8	Groombridge 4163 s. p.	9	50 6.57	− 0.11	+ 9.61	292 47 52.52	43.063	− 6.29	−2 12.8	23 50 16.07	.....	+73 53 17.1	....
9	128 H¹. Camelopardalis	9	0 0.56	+ 1.25	+ 9.61	312 45 52.05	46.010	− 6.24	−1 0.7	12 0 11.42	− 7.24	+86 6 23.4	−15.2
10	6 B. Ursæ Minoris	9	14 30.94	+ 2.60	+ 9.61	310 39 51.40	44.156	− 6.17	−1 5.5	12 14 43.15	.....	+88 13 10.6	....
11	δ Corvi	9	24 54.56	− 0.03	+ **9.64**	54 49 56.98	46.058	− 6.11	+1 20.2	12 25 4.14	.....	−16 0 3.3	....
12	κ Draconis	9	29 23.13	+ 0.34	+ 9.61	328 33 52.12	45.270	− 6.09	− 34.4	12 29 33.08	.....	+70 18 14.0	....
13	ρ Virginis	9	37 2.00	+ 0.07	+ **9.62**	28 5 56.15	45.965	− 6.05	+ 30.3	12 37 11.68	.....	+10 44 49.5	....
14	d^2 Virginis	9	40 46.44	+ 0.06	+ 9.61	30 39 55.65	45.805	− 6.03	+ 33.6	12 40 56.11	− 1.01	+ 8 10 50.3	+ 2.8
15	31 Comæ Berenices	9	47 1.49	+ 0.13	+ **9.61**	10 47 53.90	46.952	− 6.00	+ 10.9	12 47 11.23	.....	+28 2 48.5	....
16	1 B. Ursæ Minoris s. p.	8	56 51.76	− 2.72	+ 9.62	307 23 51.82	45.878	− 5.95	−1 13.7	0 56 58.66	+28.01	+88 31 19.2	+13.4
17	43 Comæ Berenices	9	7 23.42	+ 0.13	+ **9.67**	10 29 54.72	46.490	− 5.89	+ 10.6	13 7 33.17	.....	+28 20 58.4	....
18	r Centauri	9	11 35.00	− 0.12	+ 9.62	69 49 57.85	45.410	− 5.87	+2 33.4	13 11 44.50	− 1.51	−31 1 2.7	+ 9.6
19	l Ursæ Minoris	8	18 20.85	+ 1.04	+ 9.62	313 37 51.68	45.328	− 5.83	− 59.2	13 18 31.51	− 9.79	+85 14 37.5	−11.8
20	α Ursæ Minoris s. p.	6	24 48.67	− 3.41	+ 9.62	307 41 52.20	43.492	− 5.80	−1 13.1	1 24 54.88	.....	+88 48 26.7	....
21	m Virginis	9	36 35.42	+ 0.01	+ **9.63**	47 3 57.32	47.155	− 5.73	+1 1.0	13 36 45.05	.....	− 8 14 9.9	....
	May 13, Hl.												
22	A Ophiuchi (*south*)	5	9 29.69	− 0.06	+ 9.57	65 17 58.25	43.952	− 5.77	+2 3.8	17 9 39.20	.....	−26 28 0.1	....
23	A Ophiuchi (*north*)	5	9 29.73	− 0.06	+ 9.57	65 17 58.25	43.720	− 5.77	+2 3.8	17 9 39.24	.....	−26 27 55.2	....
24	θ Ophiuchi	9	16 9.81	− 0.05	+ 9.57	63 43 56.78	45.430	− 5.74	+1 55.5	17 16 19.33	.....	−24 54 24.4	....
25	b Ophiuchi	9	20 33.36	− 0.04	+ 9.57	62 53 58.72	48.090	− 5.73	+1 51.5	17 20 42.89	.....	−24 5 23.1	....
26	74 B. Camelopardalis s. p.	9	27 3.46	− 0.05	+ 9.57	293 51 51.98	47.557	− 5.70	−2 8.0	5 27 12.98	.....	+74 59 4.7	....
27	ξ Serpentis	9	32 7.41	0.00	+ **9.55**	54 9 56.55	47.070	− 5.68	+1 19.2	17 32 16.98	.....	−15 20 25.4	....
28	β Ophiuchi	9	38 44.34	+ 0.07	+ **9.55**	34 13 56.28	46.970	− 5.66	+ 39.0	17 38 53.98	.....	+ 4 36 17.3	....
29	μ Herculis	9	42 40.76	+ 0.13	+ **9.57**	11 5 53.85	42.742	− 5.65	+ 11.3	17 42 50.46	.....	+27 46 24.0	....
30	ξ Draconis	9	51 47.57	+ 0.22	+ 9.57	341 57 59.05	47.318	− 5.61	− 18.5	17 51 57.36	.....	+56 53 3.8	....
31	γ Sagittarii	9	59 41.98	− 0.08	+ 9.57	69 13 56.70	46.732	− 5.58	+2 30.1	17 59 51.47	.....	−30 25 28.8	....
32	36 Camelopardalis s. p.	9	3 17.79	+ 0.03	+ 9.57	284 39 50.65	44.175	− 5.57	−3 34.1	6 3 27.39	+ 2.42	+65 44 19.8	− 4.4
33	5 B. Lyræ	9	12 37.00	+ 0.18	+ 9.57	356 43 54.35	45.782	− 5.53	− 3.2	18 12 46.75	− 1.47	+42 7 28.3.	+ 7.7
34	η Serpentis	9	16 21.37	+ 0.04	+ **9.55**	41 45 54.35	45.780	− 5.52	+ 51.2	18 16 30.99	.....	− 2 55 25.9	....
35	λ Sagittarii	9	22 5.52	− 0.05	+ 9.58	64 17 57.85	45.060	− 5.50	+1 58.6	18 22 15.05	.....	−25 28 20.5	....
36	c Serpentis	9	24 42.01	+ 0.05	+ 9.58	40 53 55.85	44.050	− 5.49	+ 49.6	18 24 51.64	− 1.09	− 2 2 46.3	+ 0.2
37	111 Herculis	9	42 46.19	+ 0.10	+ 9.58	20 45 54.42	47.088	− 5.42	+ 21.8	18 42 55.87	− 1.07	+18 4 33.4	+ 4.8
38	β Lyræ	9	46 30.24	+ 0.15	+ 9.58	5 35 53.25	46.368	− 5.40	+ 5.7	18 46 39.97	.....	+33 15 6.8	....
39	ε Aquilæ	9	55 15.46	+ 0.10	+ **9.54**	23 53 56.22	47.288	− 5.37	+ 25.5	18 55 25.14	.....	+14 56 23.3	....
40	τ Sagittarii	9	0 59.63	− 0.07	+ 9.58	66 37 56.90	44.430	− 5.35	+2 12.1	19 1 9.14	− 1.03	−27 48 18.4	− 6.9
41	π Sagittarii	9	4 5.46	− 0.03	+ 9.58	59 59 58.38	45.635	− 5.34	+1 39.2	19 4 15.01	.....	−21 10 14.9	....
42	B. D.+37°3379	9	10 15.02	+ 0.16	+ 9.58	1 13 54.62	47.005	− 5.32	+ 1.3	19 10 24.76	− 1.14	+37 36 55.4	+ 9.3
43	δ Aquilæ	8	20 39.88	+ 0.06	+ **9.51**	35 55 55.82	43.168	− 5.28	+ 41.6	19 20 49.52	.....	+ 2 55 41.7	....
44	β Cygni	9	26 49.46	+ 0.13	+ **9.63**	11 5 53.85	44.560	− 5.25	+ 11.3	19 26 59.17	.....	+27 45 42.0	....
45	Venus II, N	9	17 55.10	+ 0.08	+ 9.61	32 31 57.45	45.286	− 4.60	+ 35.4	1 18 4.79	− 0.43	+ 6 18 57.1	....
46	Mercury C, C	9	37 43.58	+ 0.09	+ 9.61	24 43 58.08	45.248	− 5.07	+ 25.5	2 37 53.28	− 0.01	+14 7 7.7	....
	May 14, Hl.												
47	Sun I, S	9	20 3.32	+ 0.09	+ 9.62	20 37 56.05	48.605	− 5.02	+ 20.7	3 20 13.03	+67.01	+18 11 58.2	....
48	Sun II, N	9	22 17.33	+ 0.09	+ 9.62	20 5 55.90	49.405	− 5.02	+ 20.2	3 22 27.04	−67.00	+18 43 39.9	....
49	β Virginis	9	45 42.36	− 0.11	+ **9.63**	36 33 55.78	44.505	− 7.37	+ 41.1	11 45 51.91	.....	+ 2 17 13.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 3 18	29.87	63.2	66.2
11 13	29.75	64.0	63.0
11 35	......	....	61.9
12 5	29.75	61.7	60.5
12 44	......	....	59.2
13 43	29.76	59.0	58.0
16 57	29.75	55.7	54.4
17 18	......	....	54.1
17 36	......	....	54.0
17 48	29.74	55.2	54.0
18 8	......	....	53.7
18 28	......	....	53.2
18 51	......	....	53.0
19 7	......	....	52.7
19 31	29.74	54.1	52.6
1 18	29.73	67.3	68.9
2 38	29.82	71.1	73.3
14 3 22	29.80	72.5	76.0
11 39	29.78	71.2	70.7

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at V, VI, VII.
3. Bisections at II, III.
4. Bisections at I, II, VI.
5, 6, 12. Bisections at III, V.
8, 9, 10, 16. Bisections at b_1, b_2, b_5, b_8, b_9.
18, 32. Bisections at II, VI, VII.
19, 26. Bisections at III, IV, V.
20. Bisections at b_4, b_5, b_8.
22, 47. Bisections at I, II.
23, 35, 38, 41, 48. Bisections at VI, VII.
45, 46. Bisections at I, II, VI, VII.

Note.

32. Faint and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 3.0	−15 50.6	...	−15 47.6
45	+ 3.5	− 6.3	...	− 2.8
46	+ 2.9	.. ....	− 0.1	+ 2.8
47	+ 3.0	+15 50.8	...	+15 53.8
48	+ 3.0	−15 50.9	...	−15 47.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	π Virginis	9	55 57.76	− 0.09	+ **9.59**	31 43 54.45	43.085	− 7.33	+ 34.3	11 56 7.33	.....	+ 7 7 54.3	....
2	14 H¹. Draconis	9	0 24.99	− 0.19	+ 9.66	321 25 50.48	46.970	− 7.31	− 44.1	12 0 34.46	− 2.18	+77 25 47.2	−14.2
3	4 H. Draconis	9	7 44.25	− 0.20	+ 9.66	320 43 52.98	45.830	− 7.28	− 45.2	12 7 53.71	.....	+78 8 11.7	....
4	c Virginis	[illegible]	15 28.94	− 0.09	+ 9.66	35 1 55.92	43.280	− 7.25	+ 38.9	12 15 38.51	− 0.91	+ 3 49 43.7	+ 4.2
5	14 Comæ Berenices	9	21 36.40	− 0.05	+ 9.66	11 3 55.02	46.378	− 7.22	+ 10.9	12 21 46.01	− 0.92	+27 47 1.7	− 2.5
6	δ Corvi	9	24 54.56	− 0.14	+ **9.74**	54 49 56.58	46.112	− 7.21	+1 18.8	12 25 4.08	.....	−16 0 1.8	....
7	ρ Virginis	9	37 2.04	− 0.07	+ **9.71**	28 5 55.68	46.045	− 7.16	+ 29.8	12 37 11.63	.....	+10 44 49.7	....
8	d² Virginis	9	40 46.54	− 0.07	+ 9.66	30 39 55.22	45.848	− 7.15	+ 33.0	12 40 56.13	− 1.00	+ 8 10 51.5	+ 2.7
9	ε Ursæ Majoris	9	49 48.36	− 0.03	+ 9.66	342 23 51.70	45.220	− 7.11	− 17.6	12 49 57.99	.....	+56 27 59.7	....
10	1 B. Ursæ Minoris S. P.	[illegible]	56 47.90	+ 1.99	+ 9.66	307 23 50.90	45.898	− 7.09	−1 12.5	0 56 59.55	+27.40	+88 31 19.8	+13.6
11	r Centauri	9	11 35.07	− 0.21	+ 9.66	69 49 57.42	45.575	− 7.03	+2 30.9	13 11 44.52	− 1.50	−31 1 2.4	+ 9.8
12	ψ Cassiopeiæ S. P.	9	19 9.21	+ 0.22	+ 9.67	286 33 51.48	43.278	− 7.00	−3 4.4	1 19 19.10	+ 2.03	+67 38 28.4	+13.4
13	73 Virginis	9	26 53.63	− 0.13	+ 9.67	57 5 55.70	43.410	− 6.97	+1 26.1	13 27 3.17	− 1.36	−18 15 6.5	+ 7.1
14	17 H. Canum Venaticorum	9	30 30.35	− 0.01	+ 9.67	1 11 53.38	45.477	− 6.95	+ 1.2	13 30 40.01	.....	+37 39 33.3	....
15	m Virginis	9	36 35.47	− 0.09	+ **9.68**	47 3 56.22	47.265	− 6.93	+1 0.1	13 36 45.05	.....	− 8 14 9.2	....
16	89 Virginis	9	44 40.87	− 0.12	+ **9.61**	56 29 55.72	46.865	− 6.90	+1 24.4	13 44 50.42	.....	−17 40 23.8	....
17	92 Virginis	9	51 35.18	− 0.06	+ 9.67	37 19 54.80	47.052	− 6.87	+ 42.7	13 51 44.79	− 1.27	+ 1 30 14.4	+ 3.2
18	48 Hydræ	9	54 39.47	− 0.15	+ 9.67	63 21 55.00	48.688	− 6.86	+1 51.2	13 54 48.99	.....	−24 33 31.6	....
19	λ Virginis	9	13 56.40	− 0.09	+ **9.64**	51 45 55.78	48.208	− 6.78	+1 11.1	14 14 5.98	.....	−12 56 41.4	....
	May 14, P.												
20	α Ophiuchi	9	30 28.66	+ 0.02	+ **9.67**	26 13 54.78	44.170	− 5.99	+ 27.8	17 30 38.37	.....	+12 37 34.5	....
21	ξ Serpentis	9	32 7.40	− 0.06	+ **9.64**	54 9 54.68	47.212	− 5.99	+1 18.0	17 32 17.03	.....	−15 20 25.4	....
22	μ Herculis	9	42 40.75	+ 0.06	+ **9.67**	11 5 52.12	42.845	− 5.94	+ 11.1	17 42 50.50	.....	+27 46 23.8	....
23	z Herculis	9	47 29.31	+ 0.10	+ 9.69	350 25 51.90	47.385	− 5.92	− 9.4	17 47 39.10	− 1.74	+48 25 0.8	+ 6.7
24	89 Herculis	9	51 31.68	+ 0.05	+ **9.72**	12 47 53.48	44.342	− 5.91	+ 12.9	17 51 41.42	.....	+26 3 46.3	....
25	τ Ophiuchi (*mean*)	9	57 52.63	− 0.03	+ 9.69	47 1 56.15	43.800	− 5.88	+1 0.5	17 58 2.29	− 1.23	− 8 10 51.4	− 1.1
26	o Herculis	9	3 46.39	+ 0.06	+ **9.76**	10 5 53.18	46.888	− 5.86	+ 10.1	18 3 56.14	.....	+28 44 51.3	....
27	5 B. Lyræ	8	12 36.91	+ 0.10	+ 9.69	356 43 52.82	45.850	− 5.82	− 3.2	18 12 46.70	− 1.50	+42 7 28.7	+ 7.4
28	109 Herculis	9	19 35.54	+ 0.05	+ **9.73**	17 7 56.08	44.722	− 5.79	+ 17.4	18 19 45.28	.....	+21 43 30.6	....
29	2 H. Scuti	9	23 45.31	− 0.05	+ 9.69	53 27 55.28	44.892	− 5.77	+1 16.1	18 23 54.95	.....	−14 37 31.2	....
30	23 H. Camelopardalis S. P.	9	30 7.24	+ 0.02	+ 9.69	298 33 48.78	44.107	− 5.74	−1 43.0	6 30 16.95	.....	+79 40 7.5	....
31	153 H¹. Draconis	[illegible]	35 48.32	+ 0.14	+ 9.70	333 27 50.35	45.300	− 5.72	− 28.1	18 35 58.16	− 2.42	+65 24 8.5	+10.0
32	ε² Lyræ (*pr.*)	9	41 9.38	+ 0.10	+ 9.70	359 19 52.88	47.695	− 5.70	− 0.6	18 41 19.18	− 1.34	+39 30 43.7	+ 7.3
33	β Lyræ	9	46 30.21	+ 0.08	+ 9.70	5 35 53.48	46.415	− 5.67	+ 5.6	18 46 39.99	.....	+33 15 5.9	....
34	ξ Sagittarii	9	52 2.46	− 0.07	+ 9.70	60 3 56.82	44.398	− 5.65	+1 37.9	18 52 12.09	− 1.06	−21 13 43.3	− 5.0
35	B. D. +53°2168	8	58 50.76	+ 0.13	+ 9.70	345 43 51.68	42.448	− 5.62	− 14.3	18 59 0.59	− 1.59	+53 8 58.5	+10.6
36	17 Lyræ	9	3 45.81	+ 0.09	+ 9.70	6 29 51.65	46.448	− 5.60	+ 6.5	19 3 55.60	− 1.13	+32 21 6.3	+ 7.9
37	19 Lyræ	9	8 3.24	+ 0.08	+ 9.70	7 43 53.40	45.240	− 5.58	+ 7.7	19 8 13.02	− 1.10	+31 7 30.9	+ 7.8
38	θ Lyræ	9	12 59.82	+ 0.10	+ 9.70	0 53 52.75	44.618	− 5.56	+ 0.9	19 13 9.62	.....	+37 57 52.5	....
39	b Aquilæ	9	20 23.32	+ 0.04	+ 9.70	27 5 55.15	46.642	− 5.53	+ 29.0	19 20 33.06	.....	+11 44 35.8	....
40	e Aquilæ	9	25 39.13	0.00	+ 9.70	41 49 55.38	44.675	− 5.51	+ 50.6	19 25 48.83	− 0.85	− 2 59 1.1	− 0.3
41	Venus II, N	9	22 23.39	− 0.04	+ 9.69	32 3 54.75	48.899	− 5.37	+ 34.4	1 22 33.04	− 0.43	+ 6 45 39.0	....
	May 15, P.												
42	Sun I, S	9	23 59.61	− 0.06	+ 9.70	20 23 54.22	47.268	− 5.63	+ 20.3	3 24 9.25	+67.03	+18 26 31.6	....
43	Sun II, N	9	26 13.67	− 0.06	+ 9.70	19 51 55.00	48.108	− 5.63	+ 19.7	3 26 23.31	−67.03	+18 58 11.4	....
	May 16, Hl.												
44	Mercury C, C	9	1 28.80	+ 0.02	+ 9.91	22 28 3.40	44.378	− 5.55	+ 23.4	3 1 38.73	− 0.01	+16 23 24.9	....
	May 17, Hl.												
45	Sun I, N	9	31 53.49	+ 0.02	+ 9.92	19 23 55.48	47.770	− 5.14	+ 19.9	3 32 3.43	+67.30	+19 26 18.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 11 52	......	....	70.0
12 14	......	....	69.7
12 29	29.80	69.9	69.0
12 45	......	....	68.4
13 8	......	....	67.6
13 23	......	....	67.0
13 41	......	....	66.5
14 0	......	....	66.0
14 10	......	....	65.8
14 16	29.78	66.9	65.1
17 28	29.755	62.9	61.2
18 1	......	....	61.0
18 12	......	....	60.7
18 27	29.75	62.0	60.8
18 50	......	....	60.2
19 15	......	....	60.0
19 27	29.74	61.4	60.0
1 22	29.79	74.4	76.2
15 3 26	29.78	77.7	80.0
16 3 1	29.87	63.6	63.0

Micrometer bisections are made at II, VI, except as noted below.

6, 21, 33, 43.	Bisections at VI, VII.
10.	Bisections at b_4, b_5, b_6.
18.	Bisections at II, VII.
20, 42, 45.	Bisections at I, II.
23, 31, 32, 36.	Bisections at III, V.
24.	Bisections at II, VI, VII.
27.	Bisections at IV, V.
30, 35.	Bisections at III, IV, V.
41, 44.	Bisections at I, II, VI, VII.

Notes.

25. Assumed that mean was observed as directed on observing list.
32. Assumed that preceding was observed.
40, 45. Micrometer reading decreased 1 rev.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
41	+ 3.4	− 6.3	...	− 2.9
42	+ 3.0	+15 49.8	...	+15 52.8
43	+ 2.9	−15 49.9	...	−15 47.0
44	+ 2.6	.. ....	0.0	+ 2.6
45	+ 2.9	−15 49.1	...	−15 46.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun II, S.	9	34 8.09	+ 0.02	+ 9.92	19 55 54.28	46.808	− 5.14	+ 20.5	3 34 18.03	−67.30	+18 54 40.5	....
2	Moon I.	9	52 9.75	− 0.01	+ 9.92	18 8	......	....	. ....	7 52 19.66	+65.73	.. ..	....
3	β Leonis.	9	44 9.81	+ 0.02	+ **9.91**	23 45 55.50	44.525	− 6.00	+ 25.0	11 44 19.74	.....	+15 5 28.3	....
4	Groombridge 4163 s. p.	9	50 6.76	− 0.10	+ 9.91	292 47 51.95	43.165	− 6.00	−2 13.6	23 50 16.57	.....	+73 53 17.9	....
5	π Virginis.	9	55 57.36	0.00	+ **9.87**	31 43 54.95	42.970	− 6.00	+ 35.1	11 56 7.28	.....	+ 7 7 54.3	....
6	o Virginis.	9	0 19.24	0.00	+ **9.91**	29 35 54.98	45.675	− 6.00	+ 32.3	12 0 29.16	.....	+ 9 14 55.2	....
7	6 B. Ursæ Minoris.	9	14 28.94	+ 2.04	+ 9.92	310 39 50.60	44.243	− 6.00	−1 5.8	12 14 40.90	.....	+88 13 10.3	....
8	8 Canum Venaticorum.	9	29 10.76	+ 0.10	+ 9.92	356 59 53.70	44.845	− 6.00	− 2.9	12 29 20.78	.....	+41 51 50.6	....
9	ρ Virginis.	9	37 1.68	+ 0.01	+ **9.97**	28 5 55.18	45.940	− 6.00	+ 30.4	12 37 11.61	.....	+10 44 50.9	....
10	31 Comæ Berenices.	9	47 1.29	+ 0.06	+ **9.85**	10 47 53.68	46.858	− 6.00	+ 10.9	12 47 11.27	.....	+28 2 50.8	....
11	17 Canum Venaticorum.	9	5 38.34	+ 0.09	+ 9.92	359 51 54.38	45.245	− 6.00	− 0.1	13 5 48.35	− 1.17	+38 59 37.9	− 5.2
12	r Centauri.	9	11 34.78	− 0.18	+ 9.92	69 49 57.28	45.392	− 6.00	+2 34.1	13 11 44.52	− 1.49	−31 1 2.3	+10.1
13	ψ Cassiopeiæ s. p.	9	19 9.44	− 0.04	+ 9.92	286 33 51.25	43.440	− 6.00	−3 8.4	1 19 19.32	+ 1.90	+67 38 28.9	+13.8
14	73 Virginis.	9	26 53.29	− 0.10	+ 9.92	57 5 56.62	43.250	− 6.00	+1 28.0	13 27 3.11	− 1.35	−18 15 6.6	+ 7.3
15	17 H. Canum Venaticorum	9	30 30.01	+ 0.09	+ 9.92	1 11 54.20	45.365	− 6.00	+ 1.3	13 30 40.02	.....	+37 39 34.0	....
16	m Virginis.	9	36 35.19	− 0.06	+ **9.93**	47 3 56.75	47.125	− 6.00	+1 1.3	13 36 45.05	.....	− 8 14 8.6	....
17	ε Boötis.	9	40 47.00	+ 0.06	+ **9.92**	11 23 53.52	43.900	− 5.80	+ 11.6	14 40 56.99	.....	+27 27 57.7	....
18	295 B. Boötis.	9	45 19.24	+ 0.09	+ 9.93	0 39 54.90	45.118	− 5.80	+ 0.7	14 45 29.26	− 1.55	+38 11 39.3	− 2.2
19	321 B. Boötis.	9	51 41.26	+ 0.02	+ 9.93	24 1 55.28	45.048	− 5.80	+ 25.5	14 51 51.21	.....	+14 49 15.8	....
20	δ Libræ.	9	55 51.73	− 0.05	+ 9.93	46 59 56.22	44.370	− 5.80	+1 1.3	14 56 1.61	− 1.47	− 8 9 5.4	+ 2.9
21	3 Serpentis.	9	10 25.42	0.00	+ 9.93	33 33 54.80	45.195	− 5.80	+ 38.0	15 10 35.35	.....	+ 5 17 0.5	....
22	η Coronæ Borealis.	9	19 13.29	+ 0.08	+ 9.93	8 13 54.05	45.538	− 5.80	+ 8.3	15 19 23.30	.....	+30 37 23.0	....
23	β Coronæ Borealis.	9	23 51.13	+ 0.07	+**10.02**	9 25 52.75	45.090	− 5.80	+ 9.6	15 24 1.13	.....	+29 25 33.3	....
24	3 H. Scorpii.	9	31 14.51	− 0.14	+ 9.93	66 39 56.18	42.875	− 5.80	+2 12.0	15 31 24.30	− 1.75	−27 49 41.8	+ 2.0
25	ι Serpentis.	9	37 15.77	+ 0.04	+ 9.93	18 51 54.85	48.322	− 5.80	+ 19.6	15 37 25.74	− 1.46	+19 58 7.3	+ 0.8
26	μ Serpentis.	9	44 37.52	− 0.02	+ **9.92**	41 59 55.75	44.060	− 5.80	+ 51.5	15 44 47.43	.....	− 3 8 48.0	....
27	151 H¹. Cephei s. p.	9	6 43.83	− 0.44	+ 9.93	304 11 51.15	44.368	− 5.80	−1 23.8	4 6 53.32	.....	+85 18 34.8	....
	May 17, P.												
28	Venus II, N.	9	35 51.59	+ 0.01	+10.00	30 45 54.12	45.402	− 4.73	+ 33.0	1 36 1.60	− 0.42	+ 8 5 0.3	....
29	Mercury C, C.	9	9 43.67	− 0.03	+10.00	21 43 56.30	43.506	− 5.56	+ 21.9	3 9 53.64	− 0.01	+17 7 53.4	....
	May 18, P.												
30	Sun N.	.	.. ..	....	.....	19 9 56.55	48.875	− 5.56	+ 19.1	3 37	.....	+19 39 53.6	....
31	Sun S.	.	.. ..	....	.....	19 41 56.40	47.815	− 5.56	+ 19.7	.. ..	.....	+19 8 16.6	....
32	Groombridge 1830.	9	47 28.17	0.00	+10.06	0 27 54.22	46.400	− 6.22	+ 0.5	11 47 38.23	.....	+38 23 11.3	....
33	π Virginis.	9	55 57.25	− 0.07	+**10.04**	31 43 54.18	43.035	− 6.22	+ 34.4	11 56 7.24	.....	+ 7 7 54.5	....
34	o Virginis.	9	0 19.14	− 0.06	+**10.06**	29 35 54.62	45.748	− 6.22	+ 31.6	12 0 29.14	.....	+ 9 14 54.8	....
35	4 H. Draconis.	9	7 43.39	+ 0.05	+10.06	320 43 50.68	45.900	− 6.22	− 45.3	12 7 53.50	.....	+78 8 12.1	....
36	γ Corvi.	9	10 52.37	− 0.15	+**10.09**	55 51 54.38	45.210	− 6.22	+1 22.0	12 11 2.28	.....	−17 1 43.1	....
37	12 Comæ Berenices.	9	17 40.74	− 0.02	+10.06	12 29 53.80	44.422	− 6.22	+ 12.4	12 17 50.78	.....	+26 21 45.1	....
38	δ Corvi.	9	24 54.14	− 0.14	+**10.14**	54 50 2.88	45.832	− 6.22	+1 18.9	12 25 4.06	.....	−16 0 2.6	....
39	23 Comæ Berenices.	9	30 3.96	− 0.03	+10.06	15 41 53.92	47.618	− 6.22	+ 15.7	12 30 13.99	.....	+23 8 28.6	....
40	9 Canum Venaticorum.	9	34 8.87	+ 0.02	+10.06	357 27 53.40	46.400	− 6.22	− 2.4	12 34 18.95	− 1.01	+41 23 14.8	− 6.6
41	d^2 Virginis.	9	40 46.18	− 0.06	+10.06	30 39 54.02	45.855	− 6.22	+ 33.0	12 40 56.18	− 0.98	+ 8 10 51.6	+ 2.4
42	ψ Virginis.	9	49 22.11	− 0.11	+10.06	47 51 55.60	47.250	− 6.22	+1 1.5	12 49 32.06	− 1.11	− 9 2 10.4	+ 6.7
43	θ Virginis.	9	4 59.22	− 0.09	+**10.04**	43 53 53.18	43.788	− 6.22	+ 53.6	13 5 9.19	.....	− 5 2 40.9	....
44	σ Virginis.	8	12 45.74	− 0.05	+10.07	32 53 54.00	44.085	− 6.22	+ 36.0	13 12 55.76	− 1.12	+ 5 57 29.2	+ 2.6
45	70 Virginis.	8	23 43.99	− 0.03	+10.07	24 33 51.60	47.285	− 6.22	+ 25.5	13 23 54.03	.....	+14 16 28.6	....
46	81 Ursæ Majoris.	9	30 24.42	+ 0.05	+10.07	343 1 50.10	46.267	− 6.22	− 16.9	13 30 34.54	− 1.62	+55 49 36.0	− 8.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 3 34	29.87	64.3	64.0
11 35	29.82	61.5	60.0
12 4	.....	....	59.1
12 23	29.81	59.8	58.5
12 41	.....	....	57.9
12 59	.....	....	57.4
13 23	.....	....	56.8
13 49	29.81	57.6	56.0
14 34	29.80	56.9	55.1
14 59	.....	....	55.0
15 15	.....	....	55.0
15 34	.....	....	55.0
15 51	.....	....	54.9
16 14	29.79	55.8	54.1
1 36	29.82	70.0	72.3
3 10	29.80	74.5	77.0
18 3 37	29.80	75.0	76.9
11 44	29.76	69.0	68.2
12 3	.....	....	68.0
12 33	.....	....	67.9
12 44	29.77	68.1	67.9
13 10	29.76	68.0	67.6

Micrometer bisections are made at II, VI, except as noted below.

1, 31, 36, 40, 45.	Bisections at VI, VII.
7.	Bisections at b_4, b_5, b_6.
27, 35, 46.	Bisections at III, IV, V.
28, 29.	Bisections at I, II, VI, VII.
30.	Bisections at I, II.
42.	Bisections at II, VI, VII.
44.	Bisection at II.

Notes.

3–27. Conditions rather poor. Clouds at times.

38, 44, 46. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 2.9	+15 49.1	...	+15 52.0
28	+ 3.3	− 6.3	...	− 3.0
29	+ 2.5	.. ....	0.0	+ 2.5
30	+ 2.8	−15 48.4	...	−15 45.6
31	+ 2.9	+15 48.5	...	+15 51.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Boötis	9	50 6.66	− 0.02	**+10.02**	19 59 51.90	44.007	− 6.22	+ 20.3	13 50 16.71	.....	+18 51 48.7	....
2	τ Virginis	9	56 46.07	− 0.06	**+10.05**	36 51 53.35	43.588	− 6.22	+ 41.8	13 56 56.08	.....	+ 1 59 35.3	....
	May 19, M.												
3	κ Ophiuchi	9	53 7.35	0.00	**+10.05**	29 20	......	....	.....	16 53 17.47	.....	+ 9 31	....
4	η Ophiuchi	9	4 54.13	− 0.08	**+10.07**	54 26	......	....	.....	17 5 4.17	.....	−15 36	....
5	α Herculis	9	10 15.71	+ 0.02	**+10.11**	24 22	......	....	.....	17 10 25.85	.....	+14 29	....
6	α Ophiuchi	9	30 28.27	+ 0.01	**+10.16**	26 14	......	....	.....	17 30 38.40	.....	+12 37	....
7	β Ophiuchi	9	38 43.94	− 0.01	**+10.15**	34 14	......	....	.....	17 38 54.05	.....	+ 4 36	....
8	μ Herculis	8	42 40.41	+ 0.06	**+10.11**	11 4	......	....	.....	17 42 50.59	.....	+27 46	....
9	89 Herculis	5	51 31.26	+ 0.05	**+10.25**	12 48	......	....	.....	17 51 41.43	.....	+26 3	....
10	ν Ophiuchi	8	53 45.74	− 0.06	**+10.08**	48 36	......	....	.....	17 53 55.80	.....	− 9 45	....
	May 20, M.												
11	Sun I, N	9	43 48.86	− 0.04	+10.17	18 43 58.92	48.308	− 6.09	+ 19.1	3 43 58.99	+67.47	+20 6 4.7	....
12	Sun II, S	9	46 3.81	− 0.04	+10.17	19 15 56.10	47.455	− 6.09	+ 19.7	3 46 13.94	−67.48	+19 34 25.7	....
13	Moon I, N	9	25 55.70	− 0.01	+10.20	25 51 54.80	43.570	− 5.48	+ 27.5	10 26 5.89	+64.59	+12 59 47.8	....
14	ο Virginis	9	0 18.93	0.00	**+10.19**	29 36	......	....	.....	12 0 29.14	.....	+ 9 14	....
15	γ Corvi	9	10 52.13	− 0.10	**+10.26**	55 51 55.82	45.055	− 5.34	+1 24.2	12 11 2.24	.....	−17 1 43.9	....
16	c Virginis	9	15 28.27	− 0.01	+10.21	35 1 55.20	43.182	− 5.32	+ 40.1	12 15 38.47	− 0.86	+ 3 49 43.5	+ 3.9
17	x^2 Centauri	9	20 18.82	− 0.21	+10.21	73 27 56.82	47.746	− 5.31	+3 11.0	12 20 28.82	− 1.27	−34 40 33.2	+13.6
18	20 Comæ Berenices	9	24 53.58	+ 0.04	+10.21	17 25 53.48	47.047	− 5.30	+ 18.0	12 25 3.83	.....	+21 24 39.0	....
19	f Virginis	9	31 50.72	− 0.04	+10.21	44 9 55.60	45.160	− 5.27	+ 55.6	12 32 0.89	.....	− 5 19 17.8	....
20	ρ Virginis	9	37 1.39	+ 0.02	**+10.23**	28 5 54.88	45.998	− 5.26	+ 30.6	12 37 11.62	.....	+10 44 48.9	....
21	d^2 Virginis	9	40 45.91	+ 0.01	+10.21	30 39 53.48	45.802	− 5.25	+ 34.0	12 40 56.13	− 0.97	+ 8 11 51.4	+ 2.3
22	31 Comæ Berenices	9	47 0.92	+ 0.08	**+10.17**	10 47 52.52	46.918	− 5.23	+ 11.0	12 47 11.21	.....	+28 2 49.7	....
23	43 H. Cephei s. p.	9	55 35.83	− 1.13	+10.21	304 38	......	....	.....	0 55 44.91	.....	+85 45	....
24	θ Virginis	9	4 58.98	− 0.02	**+10.20**	43 53 55.58	43.550	− 5.17	+ 55.3	13 5 9.17	.....	− 5 2 40.4	....
25	43 Comæ Berenices	9	7 22.81	+ 0.10	**+10.27**	10 29 52.60	46.490	− 5.17	+ 10.7	13 7 33.12	.....	+28 20 59.7	....
26	γ Hydræ	9	13 43.09	− 0.10	+10.21	61 29 56.62	47.494	− 5.15	+1 48.2	13 13 53.20	.....	−22 41 4.6	....
27	ψ Cassiopeiæ s. p.	9	19 9.07	− 0.12	+10.21	286 34	......	....	.....	1 19 19.16	+ 1.78	+67 38	....
28	i Virginis	9	21 39.41	− 0.05	+10.21	51 3 55.12	45.242	− 5.12	+1 11.2	13 21 49.57	− 1.25	−12 13 34.5	+ 6.4
29	38 Cassiopeiæ s. p.	7	24 5.44	− 0.15	+10.21	288 42	......	....	.....	1 24 15.50	.....	+69 46	....
30	350 G. Hydræ	9	27 16.39	− 0.14	+10.21	67 1 55.75	46.118	− 5.10	+2 15.4	13 27 26.46	− 1.49	−28 12 59.5	+ 9.1
31	25 Canum Venaticorum	9	33 10.76	+ 0.14	+10.21	2 5 52.90	43.915	− 5.09	+ 2.2	13 33 21.11	.....	+36 46 6.6	....
32	i Centauri	9	40 15.59	− 0.16	+10.21	71 21 57.25	48.747	− 5.06	+2 50.0	13 40 25.64	− 1.62	−32 34 35.7	+ 9.1
33	h Centauri	9	47 42.76	− 0.15	+10.21	70 17 57.38	43.103	− 5.04	+2 40.0	13 47 52.82	− 1.63	−31 28 16.8	+ 8.5
34	92 Virginis	9	51 34.62	+ 0.02	+10.21	37 19 54.35	46.980	− 5.03	+ 44.1	13 51 44.85	− 1.27	+ 1 30 13.5	+ 2.9
35	48 Hydræ	7	54 38.97	− 0.09	+10.21	63 23 54.95	43.260	− 5.02	+1 54.9	13 54 49.09	.....	−24 33 33.0	....
36	π Hydræ	9	0 55.88	− 0.10	+10.21	65 3 56.65	44.558	− 5.00	+2 3.8	14 1 5.99	.....	−26 14 13.3	....
37	4 Ursæ Minoris	8	9 5.74	+ 0.62	+10.21	320 53 51.05	43.240	− 4.98	− 46.8	14 9 16.57	.....	+77 59 12.8	....
38	λ Virginis	9	13 55.86	− 0.02	**+10.12**	51 47 55.80	42.828	− 4.96	+1 13.4	14 14 6.05	.....	−12 56 42.6	....
39	57 B. Ursæ Minoris	9	7 10.39	+ 2.78	+10.22	311 17 51.05	43.098	− 4.84	−1 5.8	15 7 23.39	.....	+87 35 34.4	....
	May 20, Hl.												
40	87 Herculis	7	44 54.04	+ 0.15	+10.16	13 11 52.58	46.015	− 5.41	+ 13.8	17 45 4.35	− 1.46	+25 39 7.5	+ 3.3
41	89 Herculis	9	51 31.22	+ 0.15	**+10.20**	12 47 55.35	44.175	− 5.38	+ 13.4	17 51 41.53	.....	+26 3 47.3	....
42	67 Ophiuchi	9	55 50.35	+ 0.08	+10.17	35 53 54.08	47.405	− 5.35	+ 42.5	17 56 0.60	.....	+ 2 56 5.8	....
43	ο Herculis	9	3 46.01	+ 0.16	**+10.17**	10 5 53.28	46.778	− 5.31	+ 10.5	18 3 56.34	.....	+28 44 52.8	....
44	μ Sagittarii	9	8 3.42	− 0.02	+10.17	59 53 56.10	47.572	− 5.28	+1 41.0	18 8 13.57	.....	−21 4 58.6	....
45	δ Sagittarii	9	14 53.88	− 0.07	+10.17	68 41 56.60	42.910	− 5.24	+2 29.6	18 15 3.98	.....	−29 52 1.2	....
46	447 B. Herculis	9	18 33.48	+ 0.12	+10.17	21 3 55.05	46.665	− 5.22	+ 22.7	18 18 43.77	− 1.32	+17 46 41.3	+ 3.0
47	c Serpentis	9	24 41.63	+ 0.06	+10.17	40 53 54.10	44.020	− 5.19	+ 50.9	18 24 51.86	− 1.26	− 2 2 45.4	− 0.6
48	3 H. Scuti	9	29 59.87	+ 0.04	**+10.13**	47 9 55.90	42.892	− 5.16	+1 3.3	18 30 10.08	.....	− 8 18 33.9	....
49	4 H. Scuti	9	37 1.97	+ 0.04	**+10.19**	47 57 57.28	47.800	− 5.12	+1 5.2	18 37 12.18	.....	− 9 8 29.4	....
50	φ Sagittarii	9	39 42.04	− 0.05	+10.17	65 53 56.55	46.582	− 5.10	+2 11.0	18 39 52.16	.....	−27 5 6.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 13 45	.....	....	66.8
14 2	29.75	67.0	66.9
20 3 46	29.73	63.8	63.0
10 30	29.73	60.0	58.0
11 53	29.75	56.5	55.0
12 28	29.77	55.0	54.0
12 44	......	....	53.6
13 17	......	....	52.0
13 43	29.82	52.8	....
14 16	29.83	51.8	50.1
15 15	29.85	50.9	48.4
17 40	29.86	46.9	44.0
17 55	......	....	43.9
18 11	......	....	43.9
18 23	......	....	43.2
18 34	29.87	46.0	....

Micrometer bisections are made at II, VI, except as noted below.

1, 18, 33.	Bisections at I, II, VI.
11, 24, 28, 34.	Bisections at I, II.
12, 19, 40, 50.	Bisections at VI, VII.
13.	Bisections at II, III, IV, V, VI.
17, 26, 30, 36.	Bisections at I, II, VI, VII.
32.	Bisections at I, VI, VII.
37.	Bisections at III, IV, V.
39.	Bisections at b_1, b_2, b_5, b_8, b_9.

Notes.

1.	Clouds.
9, 10.	Poor; clouds.
16–30.	High wind.
40–50.	Conditions rather poor; high wind.
42, 43.	Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 2.8	−15 49.5	...	−15 46.7
12	+ 2.8	+15 49.5	...	+15 52.3
13	+24 8.0	−15 11.5	...	+ 8 56.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+53°2168	9	58 50.37	+ 0.26	+10.17	345 41 53.02	47.563	− 4.99	− 14.9	18 59 0.80	− 1.78	+53 8 59.9	+ 9.2
2	19 Lyræ	9	8 2.88	+ 0.17	+10.17	7 43 54.12	45.130	− 4.94	+ 8.1	19 8 13.22	− 1.26	+31 8 31.6	+ 6.6
3	22 Aquilæ	9	11 45.67	+ 0.08	+10.17	34 9 54.45	47.260	− 4.92	+ 40.0	19 11 55.92	− 1.08	+ 4 40 10.8	+ 1.0
4	Mars I, C	5	17 13.96	− 0.03	+10.17	63 13 55.52	51.561	− 4.89	+1 56.6	19 17 24.10	+ 0.53	−24 25 9.9	....
5	Mars II	5	17 15.11	− 0.03	+10.17	... .	......	.. ....	. ....	19 17 25.25	− 0.62	.. ..	....
6	β Cygni	9	26 49.12	+ 0.16	**+10.13**	11 5 51.82	44.545	− 4.83	+ 11.6	19 26 59.45	.....	+27 45 43.7	....
7	μ Aquilæ	9	29 23.54	+ 0.09	**+10.21**	31 39 53.15	45.765	− 4.82	+ 36.4	19 29 33.80	.....	+ 7 10 49.7	....
8	e Sagittarii	9	37 2.91	+ 0.01	+10.17	55 9 54.65	47.022	− 4.78	+1 24.7	19 37 13.09	− 0.98	−16 20 28.8	− 4.8
9	f Sagittarii	9	40 47.19	− 0.01	+10.17	58 47 55.70	47.810	− 4.75	+1 37.3	19 40 57.35	− 0.97	−19 59 0.5	− 5.9
10	β Aquilæ	6	50 35.38	+ 0.09	**+10.18**	32 39 55.72	46.712	− 4.70	+ 37.9	19 50 45.64	.....	+ 6 10 23.9	....
11	Venus II, N	9	49 25.23	+ 0.11	+10.22	29 27 55.58	45.356	− 3.87	+ 33.0	1 49 35.56	− 0.42	+ 9 22 59.1	....
12	Mercury C, C	9	35 25.09	+ 0.18	+10.23	19 33 44.28	49.074	− 4.00	+ 20.7	3 35 35.50	0.00	+19 15 57.8	....
	May 21, Hl.												
13	Sun I, S	9	47 48.09	+ 0.18	+10.23	19 3 56.25	45.825	− 4.00	+ 20.1	3 47 58.50	+67.61	+19 47 1.0	....
14	Sun II, N	8	50 3.31	+ 0.18	+10.23	18 31 57.90	46.645	− 4.00	+ 19.5	3 50 13.72	−67.61	+20 18 40.5	....
15	Moon I, N	9	16 16.89	+ 0.08	+10.28	30 5 53.58	48.266	− 5.12	+ 33.4	11 16 27.25	+64.58	+ 8 43 55.4	....
16	1 Canum Venaticorum	9	9 57.44	+ 0.29	+10.28	344 53 51.45	46.910	− 5.05	− 15.5	12 10 8.01	− 0.93	+53 57 17.2	−10.6
17	c Virginis	9	15 28.16	+ 0.06	+10.28	35 1 55.70	43.115	− 5.03	+ 40.5	12 15 38.50	− 0.86	+ 3 49 43.8	+ 3.8
18	15 Comæ Berenices	9	22 8.72	+ 0.16	+10.28	10 3 54.22	45.988	− 5.01	+ 10.3	12 22 19.16	− 0.85	+28 47 9.8	− 3.8
19	f Virginis	9	31 50.59	+ 0.03	+10.28	44 9 56.35	45.068	− 4.98	+ 56.1	12 32 0.90	.....	− 5 19 17.2	....
20	ρ Virginis	9	37 1.26	+ 0.09	**+10.29**	28 5 54.08	45.930	− 4.97	+ 30.9	12 37 11.63	.....	+10 44 50.6	....
21	35 Virginis	9	42 57.96	+ 0.06	**+10.26**	34 45 54.60	45.735	− 4.95	+ 40.2	12 43 8.30	.....	+ 4 4 45.3	....
22	ψ Virginis	9	49 21.69	+ 0.01	+10.28	47 51 55.82	47.042	− 4.93	+1 4.0	12 49 31.98	− 1.09	− 9 2 9.6	+ 6.6
23	B. D.+86°187	8	59 23.11	+ 2.23	+10.29	312 29 48.28	43.653	− 4.91	−1 2.9	12 59 35.63	−10.00	+86 23 21.8	−14.4
24	r Centauri	9	11 34.36	− 0.12	+10.29	69 49 56.45	45.268	− 4.86	+2 36.8	13 11 44.53	− 1.46	−31 1 2.5	+10.4
25	ψ Cassiopeiæ s. p.	9	19 9.37	− 0.18	+10.29	286 33 50.52	43.512	− 4.83	−3 11.8	1 19 19.48	+ 1.73	+67 38 27.5	+14.4
26	70 Virginis	9	23 43.58	+ 0.10	+10.29	24 33 54.72	47.040	− 4.82	+ 26.6	13 23 53.97	.....	+14 16 28.8	....
27	40 Cassiopeiæ s. p.	9	30 51.77	− 0.28	+10.29	291 27 49.20	45.072	− 4.80	−2 25.9	1 31 1.78	.....	+72 33 47.6	....
28	ω Cassiopeiæ s. p.	9	35 14.67	− 0.18	+10.29	286 29 50.45	42.728	− 4.78	−3 12.8	1 35 24.78	.....	+67 34 8.6	....
29	89 Virginis	9	44 40.14	− 0.03	**+10.25**	56 29 54.60	46.708	− 4.75	+1 27.6	13 44 50.40	.....	−17 40 24.5	....
30	η Boötis	9	50 6.23	+ 0.12	**+10.31**	19 59 54.65	43.790	− 4.74	+ 21.2	13 50 16.64	.....	+18 51 48.4	....
31	τ Virginis	8	56 45.69	+ 0.06	**+10.31**	36 51 55.25	43.350	− 4.72	+ 43.6	13 56 56.04	.....	+ 1 59 35.3	....
32	d Boötis	9	6 0.38	+ 0.15	**+10.29**	13 19 53.32	43.815	− 4.69	+ 13.8	14 6 10.82	.....	+25 31 56.5	....
33	α Boötis	9	11 16.08	+ 0.12	**+10.27**	19 11 53.62	43.492	− 4.66	+ 20.3	14 11 26.49	.....	+19 39 57.1	....
34	2 Libræ	9	18 16.46	0.00	+10.29	50 7 55.52	45.000	− 4.65	+1 9.6	14 18 26.75	− 1.44	−11 17 28.5	+ 4.3
35	f Boötis	9	21 58.72	+ 0.12	**+10.32**	19 11 54.80	46.812	− 4.64	+ 20.3	14 22 9.13	.....	+19 38 40.0	....
36	ρ Boötis	9	27 40.28	+ 0.17	+10.29	8 3 53.38	47.108	− 4.62	+ 8.3	14 27 50.74	.....	+30 46 46.6	....
	May 21, P.												
37	Venus II, N	9	53 57.77	+ 0.12	+10.34	29 1 55.72	46.293	− 4.38	+ 31.9	1 54 8.23	− 0.42	+ 9 48 39.0	....
	May 22, P.												
38	Sun I, S	8	51 48.26	+ 0.20	+10.35	18 51 59.65	45.000	− 4.44	+ 19.5	3 51 58.81	+67.55	+19 59 17.6	....
39	Sun II, N	9	54 3.37	+ 0.20	+10.35	18 20 4.40	45.858	− 4.44	+ 18.9	3 54 13.92	−67.56	+20 30 53.0	....
	May 23, M.												
40	5 B. Ursæ Minoris	9	14 3.83	+ 1.06	+10.54	311 55 50.65	43.410	− 5.69	−1 2.5	12 14 15.43	− 7.34	+86 57 25.3	−16.3
41	6 Canum Venaticorum	9	21 6.49	+ 0.06	+10.54	359 19 53.12	43.930	− 5.65	− 0.6	12 21 17.09	− 0.86	+39 32 9.5	− 7.2
42	δ Corvi	9	24 53.67	− 0.12	**+10.55**	54 49 56.28	46.075	− 5.62	+1 20.0	12 25 4.09	.....	−16 0 3.2	....
43	319 B. Cephei s. p.	9	32 29.52	− 0.28	+10.54	300 51 49.08	44.787	− 5.57	−1 33.7	0 32 39.78	+ 3.18	+81 58 32.8	+16.4
44	35 Virginis	9	42 57.78	− 0.04	**+10.52**	34 45 54.32	45.858	− 5.50	+ 39.2	12 43 8.29	.....	+ 4 4 44.5	....
45	31 Comæ Berenices	9	47 0.58	+ 0.03	**+10.53**	10 47 52.38	46.915	− 5.47	+ 10.8	12 47 11.16	.....	+28 2 50.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 18 47	......	....	42.9
19 6	......	....	42.0
19 21	......	....	41.9
19 56	29.90	44.0	41.0
1 49	30.00	50.9	49.2
3 35	29.985	52.5	51.3
21 3 50	29.98	53.0	52.0
11 16	29.95	54.3	54.8
12 1	29.96	53.0	53.1
12 21	......	....	53.6
12 28	......	....	53.0
12 46	......	....	52.2
13 6	29.97	51.8	51.7
13 26	......	....	51.0
13 48	......	....	50.4
14 3	......	....	49.9
14 15	......	....	50.0
14 34	29.98	50.8	50.6
1 54	30.03	57.0	57.0
22 3 54	30.00	61.1	61.0
23 12 10	29.85	64.0	63.2
12 29	......	....	63.0

Micrometer bisections are made at II, VI, except as noted below.

1, 9.	Bisections at II, VI, VII.
4.	Z. D. threads C used.
4, 11, 12.	Bisections at I, II, VI, VII.
13, 38, 44, 45.	Bisections at I, II.
14, 19, 27, 31, 39.	Bisections at VI, VII.
15.	Bisections at II, III, IV, V, VI.
23, 40, 43.	Bisections at III, IV, V.
37.	Bisections at I, VI, VII.
41.	Bisections at III, V.

Notes.

1-10. Conditions rather poor; high wind.
42. Poor.
44. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 12.9	.. ....	0.0	+ 12.9
11	+ 3.1	− 6.2	...	− 3.1
12	+ 2.2	.. ....	0.0	+ 2.2
13	+ 2.8	+15 49.7	...	+15 52.5
14	+ 2.7	−15 49.7	...	−15 47.0
15	+28 11.2	−15 24.6	...	+12 46.6
37	+ 3.1	− 6.1	...	− 3.0
38	+ 2.8	+15 47.6	...	+15 50.4
39	+ 2.7	−15 47.7	...	−15 45.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon I, N..............	9	58 53.09	− 0.06	+10.55	40 9 53.12	47.425	− 5.39	+ 47.7	12 59 3.58	+66.02	− 1 19 58.9	....
2	θ Virginis................	9	4 58.69	− 0.08	**+10.53**	43 52	......	....	. ....	13 5 9.16	.....	− 5 2	....
3	43 Comæ Berenices	9	7 22.52	+ 0.03	**+10.60**	10 29 52.85	46.502	− 5.34	+ 10.5	13 7 33.10	.....	+28 20 59.5	....
	May 27, Ei.-P.												
4	ι Virginis................	9	10 58.73	− 0.02	**+10.84**	44 23 44.90	45.675	+ 5.77	+ 56.3	14 11 9.62	.....	− 5 33 30.4	....
5	λ Virginis................	9	13 55.19	− 0.05	**+10.82**	51 45 43.15	48.108	+ 5.77	+1 13.0	14 14 6.05	.....	−12 56 41.0	....
6	B. D.− 7°3834 (*north*).	5	17 33.83	− 0.03	+10.91	46 11 44.60	42.958	+ 5.80	+ 59.9	14 17 44.71	− 1.40	− 7 20 31.4	+ 3.4
7	B. D.− 7°3834 (*south*).	5	17 33.90	− 0.03	+10.91	46 11 44.60	43.205	+ 5.80	+ 59.9	14 17 44.78	− 1.40	− 7 20 37.5	+ 3.4
8	*f* Boötis.................	9	21 58.26	+ 0.05	**+10.84**	19 11 41.75	46.905	+ 5.82	+ 20.1	14 22 9.22	.....	+19 38 40.7	....
	May 27, P.												
9	204 B. Boötis............	9	25 47.51	+ 0.12	+10.87	356 37 40.90	47.145	+ 5.83	− 3.3	14 25 58.50	− 1.52	+42 12 59.5	− 6.0
10	6 B. Libræ...............	9	31 53.44	− 0.05	+10.87	50 45 44.00	42.942	+ 5.86	+1 10.3	14 32 4.26	− 1.48	−11 54 41.1	+ 3.7
	May 27, Ei.-P.												
11	μ Virginis................	9	38 0.11	− 0.02	**+10.86**	44 5 44.00	45.240	+ 5.88	+ 55.7	14 38 11.00	.....	− 5 15 19.1	....
12	109 Virginis..............	9	41 23.31	0.00	**+10.91**	36 33 44.60	44.925	+ 5.91	+ 42.7	14 41 34.22	.....	+ 2 17 0.5	....
	May 27, P.												
13	α Libræ..................	9	45 34.61	− 0.06	**+10.90**	54 29 44.75	44.385	+ 5.93	+1 20.5	14 45 45.42	.....	−15 39 25.1	....
14	ξ² Libræ..................	9	51 33.96	− 0.04	**+10.80**	49 51 44.55	46.910	+ 5.96	+1 8.2	14 51 44.79	.....	−11 2 10.4	....
15	δ Libræ..................	9	55 50.82	− 0.03	+10.87	46 59 44.20	44.380	+ 5.96	+1 1.7	14 56 1.66	− 1.51	− 8 9 5.7	+ 2.4
16	57 B. Ursæ Minoris.......	9	7 9.56	+ 1.67	+10.88	311 17 38.40	43.065	+ 6.02	−1 5.2	15 7 22.11	.....	+87 35 36.4	....
17	τ¹ Serpentis..............	9	21 19.13	+ 0.04	+10.88	23 5 44.00	45.068	+ 6.10	+ 24.6	15 21 30.05	− 1.49	+15 45 15.7	− 0.9
18	ν¹ Boötis.................	9	27 26.09	+ 0.12	+10.88	357 41 41.45	47.035	+ 6.13	− 2.2	15 27 37.09	.....	+41 9 0.0	....
19	γ Libræ..................	9	30 10.09	− 0.06	**+10.95**	53 17 44.10	48.328	+ 6.13	+1 17.3	15 30 20.91	.....	−14 28 51.6	....
20	ζ Coronæ Borealis (*fol.*)..	9	35 43.23	+ 0.10	+10.88	1 55 41.70	43.542	+ 6.16	+ 2.0	15 35 54.21	− 1.68	+36 56 15.0	− 2.9
21	β Serpentis.............	9	41 44.29	+ 0.04	**+10.95**	23 7 43.25	46.472	+ 6.18	+ 24.7	15 41 55.21	.....	+15 42 44.1	....
22	λ Libræ..................	9	47 46.98	− 0.08	+10.88	58 43 44.35	43.812	+ 6.21	+1 34.9	15 47 57.78	.....	−19 53 26.3	....
23	γ Serpentis.............	9	52 0.02	+ 0.04	**+10.93**	22 53 42.80	43.530	+ 6.24	+ 24.4	15 52 10.94	.....	+15 57 52.1	....
24	[illegible] Herculis.............	9	56 54.16	+ 0.05	+10.88	20 45 42.15	47.290	+ 6.24	+ 22.0	15 57 5.09	− 1.55	+18 4 29.2	− 0.8
25	151 H¹. Cephei s. p.	8	6 43.44	− 0.68	+10.88	304 11 40.15	44.241	+ 6.29	−1 24.6	4 6 53.64	.....	+85 18 32.3	....
26	γ Herculis..............	9	17 39.56	+ 0.05	**+11.02**	19 27 42.55	47.935	+ 6.35	+ 20.5	16 17 50.49	.....	+19 22 15.4	....
27	Moon II, N............	9	56 46.64	− 0.09	+10.88	58 45 42.10	44.439	+ 6.43	+1 35.4	16 56 57.43	−73.82	−19 55 39.1	....
	May 28, M.												
28	21 Cassiopeiæ s. p.	9	39 17.58	− 0.24	+10.98	293 21 52.52	45.897	+ 0.97	−2 10.7	0 39 28.32	.....	+74 28 31.2	....
29	35 Virginis...............	9	42 57.23	+ 0.03	**+10.97**	34 45 55.80	45.440	+ 0.98	+ 39.6	12 43 8.24	.....	+ 4 4 45.5	....
30	31 Comæ Berenices.......	9	47 0.02	+ 0.11	**+10.96**	10 47 54.52	46.485	+ 1.00	+ 11.0	12 47 11.11	.....	+28 2 51.4	....
31	B. D.+86°187.........	9	59 21.33	+ 1.65	+10.98	312 29 52.08	43.127	+ 1.04	−1 2.2	12 59 34.00	− 8.04	+86 23 23.4	−15.7
32	Groombridge 2006.....	5	3 33.30	+ 3.22	+10.98	310 43 51.40	43.838	+ 1.05	−1 6.2	13 3 47.50	−16.06	+88 9 11.6	−15.7
33	*l* Ursæ Minoris.........	9	18 16.56	+ 1.27	+10.99	313 37 52.75	44.887	+ 1.10	− 59.9	13 18 28.82	− 7.21	+85 14 40.2	−14.9
34	38 Cassiopeiæ s. p.	9	24 5.22	− 0.14	+10.99	288 41 52.78	43.334	+ 1.12	−2 47.2	1 24 16.07	.....	+69 46 56.6	....
35	81 Ursæ Majoris..........	9	30 23.10	+ 0.23	+10.99	343 1 54.02	45.695	+ 1.14	− 17.4	13 30 34.32	− 1.45	+55 49 38.3	−10.4
36	13 B. Ursæ Minoris.......	9	34 47.88	+ 0.39	+10.99	327 9 51.25	42.768	+ 1.16	− 36.9	13 34 59.26	− 2.35	+71 43 7.4	−12.8
37	ι Centauri...............	9	40 14.78	− 0.15	+10.99	71 23 57.82	43.264	+ 1.18	+2 49.4	13 40 25.62	− 1.60	−32 34 36.6	+ 9.7
38	89 Virginis...............	9	44 39.49	− 0.06	**+10.91**	56 29 55.38	46.455	+ 1.19	+1 26.7	13 44 50.42	.....	−17 40 24.5	....
39	η Boötis.................	9	50 5.58	+ 0.08	**+10.97**	19 59 55.30	43.502	+ 1.20	+ 21.0	13 50 16.65	.....	+18 51 48.6	....
40	τ Virginis...............	8	56 45.04	+ 0.02	**+10.99**	36 51 57.25	43.045	+ 1.21	+ 43.2	13 56 56.05	.....	+ 1 59 35.0	....
41	α Draconis...............	9	1 43.10	+ 0.30	+10.99	334 1 52.10	46.958	+ 1.23	− 27.9	14 1 54.39	.....	+64 49 21.7	....
42	4 Ursæ Minoris.........	9	9 4.46	+ 0.56	+10.99	320 53 51.75	42.830	+ 1.25	− 46.7	14 9 16.01	.....	+77 59 15.1	....
43	λ Virginis...............	9	13 55.09	− 0.04	**+10.91**	51 47 56.15	42.535	+ 1.27	+1 13.2	14 14 6.04	.....	−12 56 42.2	....
44	2 Libræ..................	9	18 15.69	− 0.03	+10.99	50 7 57.12	44.707	+ 1.28	+1 9.0	14 18 26.65	− 1.44	−11 17 28.6	+ 4.2
45	θ Boötis.................	5	21 52.31	+ 0.21	+10.99	346 35 53.42	42.135	+ 1.29	− 13.7	14 22 3.51	.....	+52 16 55.9	....
46	ρ Boötis.................	9	27 39.65	+ 0.12	+10.99	8 3 54.10	46.765	+ 1.31	+ 8.2	14 27 50.76	.....	+30 46 47.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 12 52	29.855	63.2	62.8
13 33	29.86	62.8	62.4
27 14 9	29.715	52.8	51.2
14 28	....	....	51.2
14 47	29.715	52.0	50.8
15 13	29.715	52.1	51.0
15 46	....	....	49.2
16 20	29.72	49.8	48.1
17 3	29.72	48.9	47.1
28 12 34	29.80	56.0	57.0
13 13	29.82	54.7	54.2
13 39	....	....	53.4
14 6	....	....	52.1

Micrometer bisections are made at II, VI, except as noted below.

1, 27.	Bisections at II, III, IV, V, VI.
5.	Bisections at II, VII.
6.	Bisections at I, II.
7, 20, 45.	Bisections at VI, VII.
9, 18, 35, 41.	Bisections at III, V.
16, 25, 34.	Bisections at b_1, b_3, b_5, b_7, b_9.
28, 31, 33, 36, 42.	Bisections at III, IV, V.
32.	Bisections at b_5, b_7, b_9.
37.	Bisections at I, II, VI, VII.
43, 44.	Bisections at I, II, VI.

Notes.

3.	Clouds.
4–8.	Unsteady.
4–27.	Two microscopes used.
12.	Image poor.
28–46.	Conditions poor.
29.	Fuzzy.
32.	Circle reading increased 2′.
34, 37.	Very poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+37 29.5	−15 55.2	...	+21 34.3
27	+52 2.5	−16 39.4	...	+35 23.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	33 Boötis	9	35 13.11	+ 0.18	+10.99	354 3 53.88	43.120	+ 1.34	− 5.9	14 35 24.28	.....	+44 48 25.6	....
2	34 Boötis	9	39 10.47	+ 0.11	+10.99	11 55 53.42	45.030	+ 1.35	+ 12.3	14 39 21.57	− 1.41	+26 55 24.1	− 3.2
3	Moon N.	.	.. ..	....	.....	60 47 56.52	47.467	+ 2.17	+1 43.5	.. ..	.....	−21 59 7.3	....
4	Moon II, S.	9	3 28.73	− 0.07	+11.00	61 21 57.72	46.162	+ 2.17	+1 45.9	18 3 39.66	−74.87	−22 32 39.6	....
	May 28, P.												
5	η Serpentis	9	16 20.31	+ 0.02	**+10.96**	41 45 55.68	45.290	+ 2.17	+ 51.8	18 16 31.27	.....	− 2 55 24.3	....
6	109 Herculis	9	19 34.46	+ 0.11	**+11.04**	17 7 55.50	44.288	+ 2.17	+ 17.9	18 19 45.51	.....	+21 43 32.6	....
7	c Serpentis	9	24 41.01	+ 0.03	+10.94	40 53 54.32	43.695	+ 2.17	+ 50.2	18 24 51.98	− 1.43	− 2 2 44.9	− 1.7
8	3 H. Scuti	8	29 59.30	0.00	**+10.93**	47 9 55.25	42.630	+ 2.17	+1 2.5	18 30 10.24	.....	− 8 18 33.8	....
9	α Lyræ	9	33 37.92	+ 0.18	+10.95	0 10 2.30	44.332	+ 2.17	+ 0.2	18 33 49.05	.....	+38 41 42.4	....
10	φ Sagittarii	9	39 41.44	− 0.10	+10.95	65 53 58.62	46.338	+ 2.17	+2 9.2	18 39 52.29	.....	−27 5 8.5	....
11	43 Camelopardalis s. p.	8	43 26.99	− 0.17	+10.95	287 53 51.02	46.373	+ 2.17	−2 56.6	6 43 37.77	+ 2.82	+68 59 55.4	− 4.3
12	B. D.+53°2154	9	54 21.66	+ 0.26	+10.95	345 37 51.05	44.895	+ 2.17	− 14.8	18 54 32.87	− 2.04	+53 13 55.9	+ 6.6
13	λ Aquilæ	8	1 9.10	+ 0.01	**+11.05**	43 51 54.92	44.978	+ 2.17	+ 55.8	19 1 20.06	.....	− 5 1 20.4	....
14	19 Lyræ	9	8 2.28	+ 0.15	+10.95	7 43 54.10	44.740	+ 2.17	+ 7.9	19 8 13.38	− 1.46	+31 7 33.6	+ 4.6
15	B. D.+37°3379	9	10 14.01	+ 0.18	+10.95	1 13 52.05	46.660	+ 2.17	+ 1.3	19 10 25.14	− 1.55	+37 36 58.4	+ 5.6
16	21 B. Vulpeculæ	9	21 25.04	+ 0.13	+10.95	14 5 55.95	46.910	+ 2.17	+ 14.7	19 21 36.12	− 1.34	+24 44 35.4	+ 3.9
17	β Cygni	9	26 48.48	+ 0.14	**+10.99**	11 5 53.90	44.095	+ 2.17	+ 11.5	19 26 59.57	.....	+27 45 45.0	....
18	*h* Sagittarii	9	30 53.43	− 0.09	+10.95	63 55 55.92	41.925	+ 2.17	+1 58.5	19 31 4.29	.....	−25 5 14.5	....
19	14 Cygni	9	36 15.23	+ 0.20	+10.95	356 13 55.48	49.245	+ 2.17	− 3.7	19 36 26.38	− 1.54	+42 36 1.0	+ 7.4
20	15 Cygni	9	40 45.60	+ 0.18	+10.95	1 43 53.38	44.898	+ 2.17	+ 1.8	19 40 56.73	− 1.42	+37 7 36.8	+ 6.8
21	ζ Sagittæ	9	44 41.13	+ 0.10	+10.95	19 55 55.10	47.070	+ 2.17	+ 21.7	19 44 52.18	− 1.21	+18 54 25.6	+ 3.2
22	ε Draconis	8	48 21.11	+ 0.43	+10.95	328 49 51.05	46.442	+ 2.17	− 35.1	19 48 32.49	.....	+70 1 40.0	....
23	γ Sagittæ	9	54 27.44	+ 0.10	**+10.92**	19 35 54.38	47.562	+ 2.17	+ 20.8	19 54 38.49	.....	+19 14 16.0	....
24	3 H. Ursæ Majoris s. p.	9	3 20.80	− 0.17	+10.95	287 39 52.78	44.220	+ 2.17	−3 0.2	8 3 31.58	.....	+68 45 4.9	....
25	θ Aquilæ	9	6 20.51	+ 0.03	**+10.95**	39 55 54.88	46.650	+ 2.17	+ 48.8	20 6 31.49	.....	− 1 5 51.6	....
26	Venus II, N.	9	26 8.70	+ 0.02	+10.98	26 7 56.18	47.364	+ 2.41	+ 27.7	2 26 19.70	− 0.41	+12 42 11.6	....
	May 29, P.												
27	Sun I, S.	9	20 2.52	+ 0.07	+10.99	17 35 55.50	45.585	+ 1.49	+ 17.8	4 20 13.58	+68.04	+21 15 4.0	....
28	Sun II, N.	9	22 18.59	+ 0.07	+10.99	17 3 56.05	46.648	+ 1.49	+ 17.2	4 22 29.65	−68.03	+21 46 39.1	....
	May 29, M.												
29	22 H. Camelopardalis s. p.	9	8 21.87	− 0.08	+11.10	288 15 51.40	44.288	+ 1.48	−2 49.9	6 8 32.89	.....	+69 21 14.7	....
30	36 Draconis	9	13 13.19	+ 0.25	+11.10	334 29 52.18	45.640	+ 1.48	− 27.0	18 13 24.54	− 2.90	+64 21 50.6	+ 4.2
31	ε Sagittarii	9	17 50.79	− 0.18	+11.10	73 13 57.05	45.262	+ 1.48	+3 7.2	18 18 1.71	.....	−34 25 39.8	....
32	χ Draconis	7	22 36.61	+ 0.35	+11.11	326 9 51.15	47.185	+ 1.48	− 38.0	18 22 48.07	.....	+72 41 27.3	....
33	3 H. Scuti	9	29 59.22	− 0.03	**+11.06**	47 9 55.68	42.708	+ 1.48	+1 1.4	18 30 10.30	.....	− 8 18 34.2	....
34	156 H^{1}. Draconis	9	34 8.47	+ 0.46	+11.11	321 23 51.15	45.050	+ 1.48	− 45.3	18 34 20.04	− 5.38	+77 28 23.3	+ 5.7
35	110 Herculis	9	41 29.86	+ 0.06	**+11.07**	18 23 55.35	44.818	+ 1.48	+ 19.0	18 41 41.03	.....	+20 27 20.0	....
36	24 H. Camelopardalis s. p.	7	46 15.17	− 0.23	+11.11	295 59 50.85	43.715	+ 1.48	−1 56.0	6 46 26.05	+ 4.66	+77 5 55.0	− 5.1
37	o Draconis	9	49 40.81	+ 0.22	+11.11	339 35 52.35	44.075	+ 1.48	− 21.1	18 49 52.14	.....	+59 16 20.3	....
38	γ Lyræ	9	55 18.22	+ 0.11	+11.11	6 17 54.48	44.750	+ 1.48	+ 6.4	18 55 29.44	.....	+32 33 35.3	....
39	ζ Aquilæ	9	0 58.37	+ 0.04	**+11.11**	25 7 55.22	44.240	+ 1.48	+ 26.8	19 1 9.52	.....	+13 43 25.8	....
40	Moon II, N.	9	10 49.04	− 0.10	+11.11	61 11 58.15	43.446	+ 1.48	+1 43.6	19 11 0.05	−74.64	−22 21 35.7	....
41	B. D.+38°3538	9	15 59.51	+ 0.13	+11.11	0 29 54.08	45.692	+ 1.48	+ 0.6	19 16 10.75	− 1.56	+38 21 19.9	+ 5.7
42	Mars I, C.	7	22 22.39	− 0.12	+11.11	63 39 56.88	49.525	+ 1.48	+1 55.2	19 22 33.38	+ 0.61	−24 50 29.7	....
43	Mars II	7	22 23.69	− 0.12	+11.11	... .	......	....	. ....	19 22 34.68	− 0.69	.. ..	....
44	β Cygni	9	26 48.43	+ 0.09	**+11.12**	11 5 54.58	44.125	+ 1.48	+ 11.3	19 26 59.63	.....	+27 45 44.5	....
45	θ Cygni	9	33 47.23	+ 0.18	+11.11	348 51 53.88	44.045	+ 1.48	− 11.2	19 33 58.52	.....	+50 0 9.4	....
46	β Sagittæ	9	36 42.42	+ 0.05	**+11.11**	21 33 55.45	49.410	+ 1.48	+ 22.7	19 36 53.58	.....	+17 15 31.5	....
47	δ Sagittæ	9	43 4.49	+ 0.06	**+11.18**	20 31 55.35	47.755	+ 1.48	+ 21.5	19 43 15.66	.....	+18 18 10.6	....
48	η Aquilæ	9	47 34.21	0.00	+11.11	38 5 56.55	41.975	+ 1.48	+ 44.9	19 47 45.32	− 1.16	+ 0 45 58.2	− 1.4
49	φ Aquilæ	9	51 39.97	+ 0.04	+11.11	27 39 54.38	46.515	+ 1.48	+ 30.1	19 51 51.12	− 1.16	+11 10 31.3	+ 1.3
50	63 Sagittarii	9	56 36.11	− 0.06	+11.11	52 43 55.58	44.940	+ 1.48	+1 15.2	19 56 47.16	− 1.13	−13 53 38.9	− 5.4
51	3 H. Ursæ Majoris s. p.	9	3 20.68	− 0.08	+11.11	287 39 52.20	44.132	+ 1.48	−2 57.1	8 3 31.71	.....	+68 45 4.7	....
52	173 B. Camelopardalis s. p.	9	7 38.43	− 0.20	+11.11	294 55 50.25	45.995	+ 1.48	−2 2.2	8 7 49.34	.....	+76 2 40.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
28 14 48	29.85	51.8	50.7
18 0	29.84	50.0	49.6
18 25	......	....	49.0
18 45	......	....	49.2
18 59	29.835	49.5	49.1
19 20	......	....	48.0
19 50	......	....	46.0
20 7	29.83	47.0	46.5
2 26	29.85	62.9	63.8
29 4 22	29.82	67.0	67.7
18 7	29.74	57.0	56.6
18 39	......	....	55.8
18 58	29.74	55.9	55.0
19 20	......	....	54.4
20 11	29.74	53.8	53.0

Micrometer bisections are made at II, VI, except as noted below.

1, 12, 19, 24, 30, 34, 37, 38, 51, 52.	Bisections at III, V.
3, 11.	Bisections at I, II, III.
4.	Bisections at V, VI, VII.
18, 22, 28, 31, 35.	Bisections at VI, VII.
26, 42.	Bisections at I, II, VI, VII.
27.	Bisections at I, II.
29.	Bisections at III, IV, V.
32, 49.	Bisections at IV, V.
36.	Bisections at b_4, b_6.
40.	Bisections at II, III, IV, V, VI.
42.	Z. D. threads C used.
46.	Bisections at III, VI.

Notes.

1, 2. Conditions poor.
5. One microscope reading increased 10″.
10. Faint.
13. Micrometer revolution assumed.
19. One microscope reading decreased 10″.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+53 8.2	−16 37.7	...	+36 30.5
4	+53 25.7	+16 37.7	− 0.6	+70 2.8
26	+ 2.7	− 6.0	...	− 3.3
27	+ 2.6	+15 47.5	...	+15 50.1
28	+ 2.5	−15 47.5	...	−15 45.0
40	+53 2.8	−16 33.6	...	+36 29.2
42	+ 14.3	.. ....	0.0	+ 14.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	May 30, M.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Corvi	9	24 51.31	− 0.12	[+12.85]	54 48	......	....	.....	12 25 4.02	.....	−16 0	....
2	ρ Virginis	9	36 58.78	− 0.03	**+12.82**	28 6	......	....	.....	12 37 11.58	.....	+10 44	....
3	35 Virginis	9	42 55.37	− 0.05	**+12.90**	34 46	......	....	.....	12 43 8.15	.....	+ 4 4	....
4	31 Comæ Berenices	9	46 58.29	+ 0.02	**+12.76**	10 48	......	....	.....	12 47 11.14	.....	+28 2	....
5	θ Virginis	9	4 56.34	− 0.08	**+12.84**	43 54	......	....	.....	13 5 9.09	.....	− 5 2	....
	June 3, M.												
6	Sun I	8	40 25.40	+ 0.09	+12.79	16 36	......	....	.....	4 40 38.28	+68.42	.. ..	....
7	Sun II	8	42 42.24	+ 0.09	+12.79	... .	......	....	.....	4 42 55.12	−68.42	.. ..	....
8	43 Comæ Berenices	9	7 20.17	+ 0.07	**+12.81**	10 29 49.98	46.050	+ 5.83	+ 10.5	13 7 33.02	.....	+28 21 1.6	....
9	20 Canum Venaticorum	9	13 10.58	+ 0.12	+12.78	357 47 51.42	44.425	+ 5.85	− 2.1	13 13 23.48	.....	+41 3 49.8	....
10	α Ursæ Minoris s. p.	7	25 1.84	− 4.19	+12.78	307 41 49.68	42.931	+ 5.88	−1 12.4	1 25 10.43	.....	+88 48 23.0	....
11	40 Cassiopeiæ s. p.	9	30 49.77	− 0.18	+12.78	291 27 47.18	44.277	+ 5.89	−2 21.4	1 31 2.37	.....	+72 33 43.1	....
12	ω Cassiopeiæ s. p.	9	35 12.56	− 0.13	+12.78	286 29 48.05	42.082	+ 5.90	−3 6.8	1 35 25.21	.....	+67 34 8.4	....
13	i Centauri	8	40 13.06	− 0.20	+12.78	71 23 54.45	43.338	+ 5.92	+2 46.0	13 40 25.64	− 1.56	−32 34 36.2	+10.3
14	89 Virginis	9	44 37.68	− 0.10	**+12.73**	56 29 52.70	46.448	+ 5.93	+1 25.1	13 44 50.36	.....	−17 40 24.8	....
15	i Draconis	9	48 31.80	+ 0.26	+12.78	333 41 48.20	42.238	+ 5.94	− 27.8	13 48 44.84	− 1.83	+65 11 8.6	−12.5
16	47 Hydræ	9	53 6.71	− 0.14	+12.78	63 19 53.20	47.467	+ 5.95	+1 52.2	13 53 19.35	− 1.48	−24 31 15.8	+ 8.0
17	τ Virginis	9	56 43.24	− 0.01	**+12.79**	36 51 52.88	43.020	+ 5.96	+ 42.4	13 56 56.01	.....	+ 1 59 35.9	....
18	α Draconis	9	1 41.17	+ 0.26	+12.78	334 1 47.62	46.845	+ 5.97	− 27.4	14 1 54.21	.....	+64 49 23.5	....
19	55 Cassiopeiæ s. p.	9	6 56.24	− 0.11	+12.78	284 59 47.02	45.478	+ 5.98	−3 26.6	2 7 8.91	.....	+66 5 5.3	....
20	α Boötis	9	11 13.56	+ 0.05	**+12.82**	19 11 51.52	43.082	+ 5.99	+ 19.7	14 11 26.39	.....	+19 39 58.5	....
21	λ Virginis	9	13 53.32	− 0.07	**+12.70**	51 47 52.30	42.548	+ 6.00	+1 11.8	14 14 6.03	.....	−12 56 42.1	....
22	2 Libræ	9	18 13.97	− 0.06	+12.78	50 7 53.00	44.745	+ 6.01	+1 7.7	14 18 26.69	− 1.43	−11 17 28.9	+ 4.1
23	52 Hydræ	9	22 32.48	− 0.16	+12.78	67 53 54.45	44.500	+ 6.02	+2 18.7	14 22 45.10	− 1.68	−29 4 35.7	+ 7.4
24	γ Boötis	9	28 8.57	+ 0.13	+12.78	0 7 50.32	46.645	+ 6.04	+ 0.2	14 28 21.48	.....	+38 42 57.7	....
25	142 H¹. Cephei s. p.	9	34 2.23	− 0.48	+12.78	299 55 46.05	46.025	+ 6.05	−1 37.7	2 34 14.53	+ 4.88	+81 3 5.7	+13.1
26	34 Boötis	9	39 8.69	+ 0.08	+12.78	11 55 49.55	44.962	+ 6.06	+ 12.0	14 39 21.55	− 1.40	+26 55 25.1	− 4.2
27	295 B. Boötis	9	45 16.28	+ 0.13	+12.78	0 39 49.35	44.688	+ 6.08	+ 0.7	14 45 29.19	− 1.51	+38 11 42.8	− 6.1
28	ξ¹ Libræ	8	49 8.64	− 0.05	+12.78	50 21 52.15	44.108	+ 6.09	+1 8.4	14 49 21.37	− 1.53	−11 31 14.5	+ 3.1
29	47 H. Cephei s. p.	9	53 24.53	− 0.37	+12.78	297 55 45.58	45.935	+ 6.10	−1 46.1	2 53 36.94	.....	+79 2 54.8	....
30	57 B. Ursæ Minoris	9	7 5.11	+ 2.29	+12.78	311 17 47.70	42.537	+ 6.14	−1 4.3	15 7 20.18	.....	+87 35 38.1	....
31	1 H. Ursæ Minoris	9	13 23.83	+ 0.31	+12.77	331 9 47.85	45.115	+ 6.15	− 31.1	15 13 36.91	.....	+67 42 6.3	....
32	η Coronæ Borealis	9	19 10.41	+ 0.11	+12.77	8 13 50.22	45.068	+ 6.17	+ 8.3	15 19 23.29	.....	+30 37 25.6	....
33	β Coronæ Borealis	9	23 48.39	+ 0.11	**+12.77**	9 25 49.45	44.620	+ 6.18	+ 9.5	15 24 1.27	.....	+29 25 35.4	....
34	α Coronæ Borealis	9	30 33.72	+ 0.10	**+12.77**	11 49 49.30	44.315	+ 6.19	+ 12.0	15 30 46.59	.....	+27 1 40.0	....
	June 3, P.												
35	22 H. Camelopardalis s. p.	6	8 20.45	− 0.12	+12.71	288 15 49.32	44.245	+ 6.63	−2 50.9	6 8 33.04	.....	+69 21 15.8	....
36	η Serpentis	9	16 18.69	+ 0.01	**+12.71**	41 45 51.12	45.322	+ 6.63	+ 51.2	18 16 31.41	.....	− 2 55 24.3	....
37	109 Herculis	9	19 32.85	+ 0.09	**+12.79**	17 7 52.40	44.118	+ 6.63	+ 17.7	18 19 45.65	.....	+21 43 35.1	....
38	3 H. Scuti	8	29 57.62	− 0.01	**+12.74**	47 9 51.80	42.600	+ 6.63	+1 1.7	18 30 10.32	.....	− 8 18 33.1	....
39	α Lyræ	9	33 36.36	+ 0.16	+12.71	0 9 49.52	44.625	+ 6.63	+ 0.2	18 33 49.23	.....	+38 41 44.0	....
40	110 Herculis	9	41 28.34	+ 0.09	**+12.66**	18 23 51.15	44.730	+ 6.63	+ 19.1	18 41 41.14	.....	+20 27 21.2	....
41	θ Serpentis	9	51 24.49	+ 0.04	**+12.73**	34 45 51.50	44.917	+ 6.15	+ 39.8	18 51 37.24	.....	+ 4 4 56.3	....
42	γ Lyræ	9	55 16.61	+ 0.14	+12.71	6 17 50.95	44.580	+ 6.63	+ 6.4	18 55 29.46	.....	+32 33 37.2	....
43	τ Sagittarii	9	0 57.14	− 0.12	+12.71	66 37 52.62	44.155	+ 6.63	+2 12.0	19 1 9.73	− 1.62	−27 48 19.9	− 7.4
44	22 Aquilæ	9	11 43.53	+ 0.04	+12.71	34 9 51.10	46.888	+ 6.63	+ 39.0	19 11 56.28	− 1.42	+ 4 40 12.1	− 1.3
45	τ Draconis	9	17 11.56	+ 0.43	+12.71	325 41 48.30	43.490	+ 6.63	− 39.0	19 17 24.70	.....	+73 10 50.4	....
46	Mars I. C.	5	23 29.54	− 0.10	+12.71	63 57 52.50	51.584	+ 6.63	+1 57.2	19 23 42.15	+ 0.65	−25 9 19.5	....
47	Mars II	5	23 30.90	− 0.10	+12.71	... .	......	....	.....	19 23 43.51	− 0.71	.. ..	....
48	ε Sagittæ	9	32 53.38	+ 0.08	+12.71	22 35 49.98	45.032	+ 6.63	+ 23.9	19 33 6.17	− 1.38	+16 15 10.7	+ 1.2
49	β Sagittæ	9	36 40.94	+ 0.08	**+12.68**	21 35 49.40	44.072	+ 6.63	+ 22.8	19 36 53.73	.....	+17 15 34.3	....
50	φ Aquilæ	9	51 38.49	+ 0.06	+12.71	27 39 50.42	46.390	+ 6.63	+ 30.2	19 51 51.26	− 1.29	+11 10 32.9	+ 0.4
51	63 Sagittarii	9	56 34.70	− 0.03	+12.71	52 43 51.70	44.865	+ 6.63	+1 15.5	19 56 47.38	− 1.27	−13 53 38.8	− 5.8
52	3 H. Ursæ Majoris s. p.	9	3 19.02	− 0.11	+12.71	287 39 47.40	44.092	+ 6.63	−2 57.6	8 3 31.62	.....	+68 45 3.6	....
53	173 B. Camelopardalis s. p.	8	7 36.54	− 0.26	+12.71	294 55 47.72	45.902	+ 6.63	−2 2.4	8 7 48.99	.....	+76 2 40.2	....
54	β Capricorni	9	15 35.81	− 0.04	**+12.70**	53 53 51.88	46.870	+ 6.63	+1 18.7	20 15 48.48	.....	−15 4 28.0	....
55	296 G. Sagittarii	9	19 33.95	− 0.12	+12.71	67 45 51.35	47.645	+ 6.63	+2 20.0	20 19 46.54	− 1.24	−28 57 46.4	−10.2
56	40 Cygni	9	23 56.08	+ 0.16	+12.71	0 41 49.98	49.408	+ 6.63	+ 0.8	20 24 8.95	− 1.40	+38 7 53.8	+ 7.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 13 2	29.64	60.6	61.3
13 27	.....	....	61.2
13 59	29.67	58.8	59.0
14 47	.....	....	57.5
14 58	29.68	57.1	....
15 28	29.70	56.7	56.5
18 6	29.71	54.0	53.1
18 39	.....	....	53.0
19 0	.....	....	52.7
19 29	29.72	52.5	52.0
20 0	.....	....	51.7
20 26	29.73	52.0	51.9

Micrometer bisections are made at II, VI, except as noted below.

10.	Bisections at b_5, b_7, b_8, b_9.
11, 12, 19, 25, 29, 35, 52.	Bisections at III, IV, V.
13.	Bisections at I, II, VI.
15, 18, 31, 45, 56.	Bisections at III, V.
16, 41.	Bisections at II, VI, VII.
28, 37, 42.	Bisections at VI, VII.
30.	Bisections at b_1, b_2, b_5, b_8, b_9.
38.	Bisections at I, II.
46.	Z. D. threads C used.
46.	Bisections at I, II, VI, VII.
53.	Bisections at II, III, V.

Notes.

4, 5, 36–38.	Clouds.
11, 13.	Unsteady.
12.	Poor.
20.	Micrometer reading increased 1 rev.
41.	Two microscopes used.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
46	+ 15.1	.. ....	0.0	+ 15.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon II, N.	9	3 33.36	+ 0.06	+12.70	44 1 52.65	46.221	+ 7.49	+ 55.2	0 3 46.12	−64.58	− 5 11 51.3	....
2	Venus II, N.	9	54 18.96	+ 0.05	+12.70	23 49 51.60	46.851	+ 7.37	+ 24.8	2 54 31.71	− 0.41	+15 0 25.8	....
	June 4, P.												
3	Sun I, S.	9	44 31.69	+ 0.07	+12.70	16 45 51.28	44.320	+ 6.45	+ 16.8	4 44 44.46	+68.42	+22 5 33.2	....
4	Sun II, N.	9	46 48.54	+ 0.07	+12.70	16 11 44.62	51.065	+ 6.45	+ 16.3	4 47 1.31	−68.43	+22 37 5.6	....
	June 5, M.												
5	69 H. Ursæ Majoris	7	24 50.93	+ 0.12	+12.73	338 25 49.30	45.610	+ 5.44	− 22.0	13 25 3.78	.... .	+60 25 44.7	....
6	25 Canum Venaticorum	9	33 8.16	+ 0.06	+12.73	2 5 49.00	43.480	+ 5.47	+ 2.1	13 33 20.95	.....	+36 46 10.0	....
7	*m* Virginis	9	36 32.38	− 0.07	**+12.67**	47 3 52.28	46.875	+ 5.48	+1 0.1	13 36 45.04	.....	− 8 14 8.7	....
8	η Ursæ Majoris	9	43 41.14	+ 0.10	+12.73	349 5 48.02	42.435	+ 5.51	− 10.7	13 43 53.97	.....	+49 46 47.5	....
[illegible]	η Boötis	9	50 3.86	+ 0.01	**+12.72**	19 59 49.15	43.545	+ 5.54	+ 20.4	13 50 16.60	.....	+18 51 50.1	....
10	50 Cassiopeiæ s. p.	9	55 13.89	+ 0.02	+12.73	290 51 45.92	45.415	+ 5.56	−2 25.1	1 55 26.64	.....	+71 58 3.8	....
11	π Hydræ	9	0 53.36	− 0.16	+12.73	65 3 52.12	44.502	+ 5.58	+2 0.0	14 1 5.93	.....	−26 14 14.3	....
12	κ Virginis	9	7 44.72	− 0.08	**+12.73**	48 39 51.60	47.842	+ 5.61	+1 3.7	14 7 57.37	.....	− 9 50 33.9	....
13	α Boötis	9	11 13.66	+ 0.01	**+12.75**	19 11 50.00	43.148	+ 5.62	+ 19.6	14 11 26.40	.....	+19 39 58.8	....
14	λ Virginis	9	13 53.34	− 0.09	**+12.69**	51 47 50.68	42.660	+ 5.64	+1 11.1	14 14 5.98	.....	−12 56 42.0	....
15	θ Boötis	9	21 50.65	+ 0.10	+12.73	346 35 47.48	42.110	+ 5.66	− 13.3	14 22 3.48	.....	+52 16 58.1	....
16	204 B. Boötis	9	25 45.54	+ 0.08	+12.73	356 37 47.90	46.735	+ 5.68	− 3.2	14 25 58.35	− 1.45	+42 13 1.9	− 7.9
17	μ Virginis	9	37 58.20	− 0.06	**+12.80**	44 5 51.22	44.955	+ 5.72	+ 54.4	14 38 10.87	.....	− 5 15 18.3	....
18	μ Libræ (*brighter*)	9	44 1.97	− 0.09	+12.73	52 35 49.32	45.488	+ 5.75	+1 13.4	14 44 14.61	− 1.54	−13 45 47.5	+ 3.6
19	61 B. Draconis	9	48 53.94	+ 0.12	+12.73	339 11 47.22	43.822	+ 5.76	− 21.3	14 49 6.79	.....	+59 40 27.1	....
20	δ Libræ	9	55 49.03	− 0.07	+12.73	46 59 51.02	44.110	+ 5.79	+1 0.3	14 56 1.69	− 1.52	− 8 9 4.8	+ 2.2
21	δ Boötis	9	11 33.99	+ 0.06	+12.73	5 11 47.52	44.510	+ 5.86	+ 5.2	15 11 46.78	.....	+33 39 44.5	....
22	γ^2 Ursæ Minoris	4	20 42.48	+ 0.18	+12.73	326 41 46.68	45.618	+ 5.89	− 36.9	15 20 55.39	.....	+72 10 2.0	....
	June 5, P.												
23	Moon II.	9	41 36.60	+ 0.08	+12.66	34 28	......	....	. ....	1 41 49.34	−63.03	.. ..	....
24	Venus II, N.	6	3 51.34	+ 0.05	+12.66	23 5 52.10	48.250	+ 6.69	+ 23.8	3 4 4.05	− 0.40	+15 43 55.2	....
	June 6, P.												
25	Sun I, N.	9	52 45.42	+ 0.07	+12.66	15 59 50.55	46.162	+ 6.21	+ 15.9	4 52 58.15	+68.60	+22 50 52.9	....
26	Sun II, S.	9	55 2.62	+ 0.07	+12.66	16 31 51.10	44.982	+ 6.21	+ 16.5	4 55 15.35	−68.60	+22 19 18.2	....
27	89 Virginis	9	44 37.72	− 0.14	**+12.72**	56 29 49.62	46.532	+ 6.09	+1 24.5	13 44 50.23	.....	−17 40 23.4	....
28	η Boötis	9	50 3.87	− 0.01	**+12.72**	19 59 49.00	43.500	+ 6.09	+ 20.4	13 50 16.51	.....	+18 51 50.7	....
29	α Draconis	9	1 41.28	+ 0.17	+12.65	334 1 45.12	46.908	+ 6.09	− 27.2	14 1 54.10	.....	+64 49 24.2	....
30	*d* Boötis	9	5 58.12	+ 0.02	**+12.60**	13 19 47.38	43.485	+ 6.09	+ 13.3	14 6 10.79	.....	+25 31 59.6	....
31	α Boötis	9	11 13.73	0.00	**+12.69**	19 11 48.95	43.142	+ 6.09	+ 19.6	14 11 26.38	.....	+19 39 59.7	....
32	2 Libræ	9	18 14.08	− 0.10	+12.65	50 7 50.18	44.818	+ 6.09	+1 7.2	14 18 26.63	− 1.42	−11 17 27.3	+ 4.0
33	*f* Boötis	9	21 56.44	+ 0.01	**+12.67**	19 11 49.00	46.428	+ 6.09	+ 19.6	14 22 9.10	.....	+19 38 44.6	....
34	33 Boötis	9	35 11.42	+ 0.10	+12.65	354 3 47.92	43.112	+ 6.09	− 5.8	14 35 24.17	.....	+44 48 26.9	....
35	34 Boötis	9	39 8.73	+ 0.04	+12.65	11 55 47.00	45.012	+ 6.09	+ 11.9	14 39 21.42	− 1.39	+26 55 26.6	− 4.8
36	μ Libræ (*brighter*)	9	44 2.04	− 0.10	+12.65	52 35 49.48	45.405	+ 6.09	+1 13.6	14 44 14.59	− 1.54	−13 45 46.4	+ 3.6
37	ξ^2 Libræ	9	51 32.11	− 0.09	**+12.71**	49 51 51.05	46.630	+ 6.09	+1 6.8	14 51 44.67	.....	−11 2 9.2	....
38	δ Libræ	9	55 49.09	− 0.08	+12.65	46 59 50.58	44.110	+ 6.09	+1 0.4	14 56 1.66	− 1.52	− 8 9 4.8	+ 2.1
39	57 B. Ursæ Minoris	8	7 5.18	+ 1.88	+12.65	311 17 45.20	42.593	+ 6.09	−1 3.9	15 7 19.71	.....	+87 35 39.0	....
40	151 H^1. Cephei s. p.	9	6 42.33	− 0.87	+12.65	304 11 45.82	43.795	+ 6.09	−1 22.8	4 6 54.11	.....	+85 18 29.3	....
	June 6, M.												
41	4 H. Scuti	8	36 59.89	− 0.06	**+12.74**	47 57 51.45	47.625	+ 6.42	+1 3.4	18 37 12.54	.....	− 9 8 29.3	....
42	6 H. Scuti	9	42 3.32	− 0.04	+12.71	43 41 49.45	43.805	+ 6.42	+ 54.6	18 42 15.99	− 1.58	− 4 50 51.4	− 3.3
43	24 H. Camelopardalis s. p.	7	46 13.72	− 0.36	+12.71	29 59 44.75	43.682	+ 6.42	−1 56.2	6 46 26.07	+ 4.84	+77 5 52.7	− 3.3
44	ζ Sagittarii	9	56 30.99	− 0.19	+12.71	68 49 50.60	44.647	+ 6.42	+2 26.8	18 56 43.51	.....	−30 0 43.6	....
45	ζ Aquilæ	9	0 57.02	+ 0.03	**+12.64**	25 7 49.65	44.205	+ 6.42	+ 26.8	19 1 9.76	.....	+13 43 27.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 0 4	29.79	56.0	56.3
2 56	29.79	64.0	64.2
4 4 47	29.78	67.1	68.0
5 13 28	29.60	63.7	63.1
13 47	......	....	62.5
14 30	29.61	62.0	61.6
15 7	......	....	60.3
15 27	29.63	60.6	59.4
8 4	29.69	67.0	66.2
6 4 55	29.68	69.7	69.8
13 43	29.72	64.5	64.2
14 14	......	....	63.0
14 42	......	....	62.2
15 13	29.75	62.0	61.0
16 10	29.76	60.5	59.7
18 40	29.77	56.8	55.1
18 55	......	....	55.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at II, III, IV, V, VI.
2, 11.	Bisections at I, II, VI, VII.
3, 25.	Bisections at I, II.
4, 5, 13, 26, 27, 42.	Bisections at VI, VII.
10, 43.	Bisections at III, IV.
15, 16, 19, 22, 29, 34.	Bisections at III, V.
18, 24, 44.	Bisections at I, II, VI.
30.	Bisections at II, VI, VII.
39.	Bisections at b_1, b_3, b_5, b_8, b_9.
40.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

3, 4. Decimals of micrometer readings of two limbs of Sun interchanged.
22. Clouds.
36. Assumed that brighter was observed as directed on observing list.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+39 27.2	−15 32.6	...	+23 54.6
2	+ 2.4	.. ....	− 5.9	− 3.5
3	+ 2.5	+15 46.1	...	+15 48.6
4	+ 2.4	−15 46.2	...	−15 43.8
24	+ 2.3	− 5.9	...	− 3.6
25	+ 2.4	−15 47.3	...	−15 44.9
26	+ 2.4	+15 47.4	...	+15 49.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	π Sagittarii	5	4 3.13	− 0.13	+12.71	59 59 51.40	45.405	+ 6.42	+1 38.8	19 4 15.71	.....	−21 10 14.0	....
2	21 Aquilæ	9	8 50.21	− 0.01	+12.71	36 43 49.58	41.770	+ 6.42	+ 42.6	19 9 2.91	− 1.49	+ 2 8 7.2	− 2.3
3	159 B. Lyræ	9	15 40.53	+ 0.14	+12.71	358 39 46.65	46.192	+ 6.42	− 1.3	19 15 53.38	− 1.79	+40 11 12.8	+ 3.8
4	143 B. Camelopardalis s. p.	9	20 57.33	− 0.16	+12.71	287 33 46.92	45.255	+ 6.42	−2 57.6	7 21 9.88	.....	+68 39 29.5	....
5	ι Cygni	9	27 10.93	+ 0.19	+12.71	347 19 47.42	45.250	+ 6.42	− 12.8	19 27 23.83	.....	+51 31 45.0	....
6	σ Aquilæ	9	34 25.00	0.00	+12.71	33 37 49.45	49.878	+ 6.42	+ 38.1	19 34 37.71	− 1.41	+ 5 11 6.5	− 1.7
7	10 Vulpeculæ	9	39 39.62	+ 0.08	+12.71	13 17 48.98	46.352	+ 6.42	+ 13.6	19 39 52.41	− 1.50	+25 32 52.0	+ 2.5
8	δ Sagittæ	9	43 3.17	+ 0.04	**+12.72**	20 31 49.48	47.698	+ 6.42	+ 21.5	19 43 15.92	.....	+18 18 12.6	....
9	η Aquilæ	9	47 32.89	− 0.02	+12.71	38 5 49.75	41.998	+ 6.42	+ 44.9	19 47 45.58	− 1.36	+ 0 45 59.7	− 2.6
10	γ Sagittæ	9	54 25.96	+ 0.05	**+12.68**	19 35 48.20	47.588	+ 6.42	+ 20.5	19 54 38.72	.....	+19 14 17.8	....
11	269 G. Sagittarii	6	58 2.56	− 0.14	+12.71	61 39 51.20	47.915	+ 6.42	+1 46.2	19 58 15.13	− 1.39	−22 51 18.6	− 8.3
12	θ Aquilæ	9	6 19.14	− 0.03	**+12.61**	39 55 50.00	46.642	+ 6.42	+ 48.1	20 6 31.82	.....	− 1 5 49.9	....
13	o¹ Cygni	9	10 31.08	+ 0.17	+12.71	352 23 46.98	46.008	+ 6.42	− 7.6	20 10 43.96	.....	+46 27 23.1	....
14	β Capricorni	9	15 35.97	− 0.09	**+12.68**	53 53 49.72	46.928	+ 6.42	+1 18.7	20 15 48.59	.....	−15 4 26.9	....
15	π Capricorni	9	21 48.61	− 0.11	**+12.72**	57 19 49.80	47.722	+ 6.42	+1 29.5	20 22 1.21	.....	−18 30 55.8	....
16	Groombridge 1418 s. p.	9	26 51.87	− 1.19	+12.71	304 15 44.35	45.957	+ 6.42	−1 23.8	8 27 3.39	+11.24	+85 23 16.5	−10.7
17	29 Vulpeculæ	9	34 10.63	+ 0.05	+12.71	17 59 48.32	42.180	+ 6.42	+ 18.7	20 34 23.39	− 1.25	+20 52 22.9	+ 2.9
18	Moon II	9	29 53.91	+ 0.05	+12.72	29 54	......	....	. ....	2 30 6.68	−63.08	.. ..	....
19	Venus II, N	9	8 39.06	+ 0.06	+12.72	22 45 48.30	45.336	+ 7.08	+ 23.6	3 8 51.84	− 0.40	+16 5 5.2	....
	June 7, M.												
20	Sun I, N	9	56 52.62	+ 0.07	+12.72	15 53 48.82	45.560	+ 6.61	+ 15.9	4 57 5.41	+68.61	+22 57 8.0	....
21	Sun II, S	9	59 9.85	+ 0.07	+12.72	16 25 48.35	44.448	+ 6.61	+ 16.5	4 59 22.64	−68.62	+22 25 32.7	....
	June 8, P.												
22	89 Virginis	9	44 37.82	− 0.13	**+12.60**	56 29 52.98	46.448	+ 4.00	+1 25.3	13 44 50.33	.....	−17 40 23.5	....
23	η Boötis	9	50 3.87	+ 0.01	**+12.69**	19 59 50.75	43.475	+ 4.02	+ 20.6	13 50 16.52	.....	+18 51 51.4	....
24	τ Virginis	9	56 43.36	− 0.04	**+12.68**	36 51 52.65	43.082	+ 4.04	+ 42.5	13 56 55.96	.....	+ 1 59 36.6	....
25	9 H. Boötis	7	4 1.30	+ 0.11	+12.64	354 33 49.92	44.482	+ 4.06	− 5.3	14 4 14.05	− 1.32	+44 17 55.0	− 9.5
26	4 Ursæ Minoris	8	9 2.13	+ 0.39	+12.64	320 53 47.62	42.748	+ 4.08	− 45.9	14 9 15.16	.....	+77 59 17.4	....
27	ι Boötis	9	12 41.07	+ 0.13	+12.64	347 3 49.35	44.875	+ 4.09	− 12.9	14 12 53.84	− 1.49	+51 47 54.2	−10.8
28	2 Libræ	9	18 14.09	− 0.10	+12.64	50 7 53.28	44.780	+ 4.11	+1 7.9	14 18 26.63	− 1.42	−11 17 28.3	+ 3.9
29	52 Hydræ	9	22 32.65	− 0.20	+12.64	67 53 54.92	44.560	+ 4.13	+2 19.0	14 22 45.09	− 1.67	−29 4 35.9	+ 7.5
30	ρ Boötis	9	27 37.91	+ 0.03	+12.64	8 3 51.42	46.658	+ 4.14	+ 8.1	14 27 50.61	.....	+30 46 50.3	....
31	6 B. Libræ	9	31 51.76	− 0.10	+12.64	50 45 52.38	42.732	+ 4.16	+1 9.4	14 32 4.30	− 1.47	−11 54 42.1	+ 3.5
32	c¹ Centauri	9	37 47.42	− 0.24	+12.64	73 33 53.45	47.515	+ 4.18	+3 10.7	14 37 59.82	− 1.86	−34 46 33.7	+ 7.7
33	α Libræ	9	45 32.93	− 0.12	**+12.65**	54 29 53.48	44.122	+ 4.20	+1 19.5	14 45 45.45	.....	−15 39 25.1	....
34	ξ² Libræ	9	51 32.24	− 0.10	**+12.59**	49 51 54.40	46.540	+ 4.22	+1 7.4	14 51 44.78	.....	−11 2 9.2	....
35	β Boötis	9	58 15.43	+ 0.09	+12.64	358 5 51.62	45.312	+ 4.24	− 1.8	14 58 28.16	.....	+40 45 30.7	....
36	c Boötis	9	3 1.73	+ 0.03	+12.64	13 37 50.72	43.570	+ 4.26	+ 13.8	15 3 14.40	− 1.47	+25 13 55.8	− 4.6
37	48 H. Cephei s. p.	9	8 13.52	− 0.22	+12.64	296 17 47.20	42.397	+ 4.28	−1 54.1	3 8 25.94	.....	+77 23 25.8	....
38	1 H. Ursæ Minoris	8	13 23.68	+ 0.23	+12.64	331 9 49.40	45.002	+ 4.30	− 31.2	15 13 36.55	.....	+67 42 7.3	....
39	γ² Ursæ Minoris	9	20 42.31	+ 0.28	+12.64	326 41 47.72	45.648	+ 4.32	− 37.2	15 20 55.23	.....	+72 10 1.8	....
40	β Coronæ Borealis	9	23 48.58	+ 0.05	**+12.63**	9 25 49.10	44.600	+ 4.33	+ 9.5	15 24 1.27	.....	+29 25 37.8	....
41	3 H. Scorpii	9	31 12.04	− 0.20	+12.64	66 39 54.10	42.625	+ 4.35	+2 11.2	15 31 24.48	− 1.89	−27 49 43.4	+ 3.5
42	α Serpentis	9	39 30.14	− 0.03	**+12.66**	32 8	......	....	. ....	15 39 42.75	.....	+ 6 43	....
43	μ Serpentis	9	44 35.01	− 0.06	**+12.62**	41 59 52.68	43.745	+ 4.40	+ 51.2	15 44 47.59	.....	− 3 8 47.7	....
44	χ Herculis	9	49 16.64	+ 0.09	+12.64	356 7 50.45	47.428	+ 4.42	− 3.8	15 49 29.37	.....	+42 42 45.4	....
45	49 Libræ	9	54 55.53	− 0.12	+12.64	55 5 53.18	44.605	+ 4.43	+1 21.4	15 55 8.05	.....	−16 15 38.0	....
	June 10, M.												
46	Sun I, S	9	9 16.68	− 0.03	+12.61	16 9 51.30	43.192	+ 3.83	+ 16.2	5 9 29.26	+68.68	+22 42 2.1	....
47	Sun II, N	9	11 34.03	− 0.03	+12.61	15 37 51.05	44.395	+ 3.83	+ 15.7	5 11 46.61	−68.67	+23 13 34.8	....
	June 14, M.												
48	57 B. Ursæ Minoris	7	7 0.70	+ 3.48	+12.44	311 16	......	....	. ....	15 7 16.62	.....	+87 35	....
49	β Coronæ Borealis	9	23 48.61	+ 0.13	**+12.50**	9 26	......	....	. ....	15 24 1.18	.....	+29 25	....
50	α Coronæ Borealis	9	30 34.00	+ 0.12	**+12.47**	11 50	......	....	. ....	15 30 46.56	.....	+27 1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 19 25	29.76	55.9	54.9
19 45	......	....	54.2
20 3	......	....	52.8
20 37	29.76	53.3	52.1
3 9	29.83	66.2	65.7
7 4 59	29.82	68.8	65.6
8 13 41	29.75	60.5	59.9
14 2	......	....	59.0
14 21	......	....	58.5
14 38	......	....	58.1
14 56	29.765	58.5	57.8
15 29	......	....	57.4
16 0	29.77	58.0	57.2
10 5 12	29.85	69.5	68.0

Micrometer bisections are made at II, VI, except as noted below.

1, 8, 11, 21, 22, 40, 47. Bisections at VI, VII.
2. Bisections at I, VI.
4, 13, 26, 27, 35, 44. Bisections at III, V.
6. Bisections at III, VI.
7, 15. Bisections at I, II, VI.
9, 10, 12, 20, 46. Bisections at I, II.
16, 37. Bisections at III, IV, V.
19. Bisections at I, II, VI, VII.
25, 38. Bisections at IV, V.

Notes.

2–4. Conditions poor.
32, 41. Hazy.
37. Circle reading increased 10′.
48–50. Conditions poor; clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
19	+ 2.3	− 5.8	...	− 3.5
20	+ 2.4	−15 47.6	...	−15 45.2
21	+ 2.4	+15 47.7	...	+15 50.1
46	+ 2.4	+15 46.3	...	+15 48.7
47	+ 2.3	−15 46.3	...	−15 44.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Serpentis	9	41 42.77	+ 0.06	**+12.49**	23 8	......	....	. ....	15 41 55.27	.....	+15 42	....
2	γ Serpentis	9	51 58.54	+ 0.07	**+12.44**	22 54	......	....	. ....	15 52 11.05	.....	+15 57	....
3	ε Coronæ Borealis	9	53 33.37	+ 0.12	**+12.36**	11 42	......	....	. ....	15 53 45.93	.....	+27 8	....
4	β^1 Scorpii	9	59 51.18	− 0.10	**+12.39**	58 24	......	....	. ....	16 0 3.52	.....	−19 33	....
5	151 H^1. Cephei s. p.	8	6 45.01	− 1.61	+12.44	304 12	......	....	. ....	4 6 55.84	.....	+85 18	....
6	ε Ophiuchi	9	13 13.26	− 0.02	**+12.45**	43 20	......	....	. ....	16 13 25.68	.....	− 4 28	....
	June 14, P.												
7	30 Sagittarii	9	45 4.69	− 0.10	+12.38	61 5 57.20	44.550	+ 7.04	+1 42.8	18 45 16.97	− 1.85	−22 16 4.7	− 6.2
8	θ Serpentis	9	51 25.09	+ 0.03	**+12.34**	34 45 55.32	44.668	+ 7.04	+ 39.5	18 51 37.50	.....	+ 4 4 57.7	....
9	ε Aquilæ	9	55 13.32	+ 0.07	**+12.41**	23 53 51.75	46.542	+ 7.04	+ 25.3	18 55 25.77	.....	+14 56 32.6	....
10	ζ Aquilæ	9	0 57.48	+ 0.07	**+12.30**	25 7 54.82	43.858	+ 7.04	+ 26.7	19 1 9.93	.....	+13 43 29.4	....
11	19 Lyræ	9	8 1.33	+ 0.14	+12.38	7 43 53.55	44.348	+ 7.04	+ 7.8	19 8 13.85	− 1.81	+31 7 38.4	+ 0.1
12	θ Lyræ	9	12 57.79	+ 0.18	+12.38	0 53 52.80	43.705	+ 7.04	+ 0.9	19 13 10.35	.....	+37 58 0.7	....
13	τ Draconis	8	17 12.24	+ 0.53	+12.38	325 41 51.70	43.112	+ 7.04	− 38.7	19 17 25.15	.....	+73 10 54.1	....
14	5 Vulpeculæ	9	21 58.78	+ 0.09	+12.37	18 55 55.08	46.078	+ 7.04	+ 19.6	19 22 11.24	− 1.67	+19 54 45.3	− 1.0
15	ι Cygni	9	27 11.34	+ 0.25	+12.37	347 19 53.10	44.858	+ 7.04	− 12.7	19 27 23.96	.....	+51 31 47.8	....
16	h Sagittarii	9	30 52.43	− 0.12	+12.37	63 53 57.45	47.055	+ 7.04	+1 55.8	19 31 4.68	.....	−25 5 15.4	....
17	14 Cygni	9	36 14.26	+ 0.20	+12.37	356 15 52.82	43.635	+ 7.04	− 3.7	19 36 26.83	− 1.96	+42 36 6.8	+ 2.6
18	228 G. Sagittarii	8	39 54.85	− 0.18	+12.37	70 55 58.02	46.555	+ 7.04	+2 43.5	19 40 7.04	− 1.80	−32 7 52.0	−10.0
19	ζ Sagittæ	9	44 40.06	+ 0.09	+12.37	19 55 53.32	46.762	+ 7.04	+ 20.7	19 44 52.52	− 1.61	+18 54 30.6	− 0.6
20	ε Draconis	7	48 20.34	+ 0.46	+12.37	328 49 50.82	45.955	+ 7.04	− 34.3	19 48 33.17	.....	+70 1 45.7	....
21	γ Sagittæ	9	54 26.35	+ 0.09	**+12.44**	19 35 53.90	47.225	+ 7.04	+ 20.3	19 54 38.81	.....	+19 14 19.8	....
22	b^2 Cygni	9	5 47.56	+ 0.17	+12.37	2 17 53.42	44.028	+ 7.04	+ 2.3	20 6 0.10	− 1.74	+36 33 51.3	+ 3.1
23	ρ Aquilæ	9	9 47.42	+ 0.07	+12.37	23 55 54.80	45.700	+ 7.04	+ 25.3	20 9 59.86	− 1.50	+14 54 48.8	− 0.9
24	176 B. Cygni	9	16 42.15	+ 0.18	+12.37	359 45 53.25	42.438	+ 7.04	− 0.2	20 16 54.70	− 1.75	+39 6 30.1	+ 4.0
25	π Capricorni	9	21 49.13	− 0.08	**+12.38**	57 19 55.72	47.442	+ 7.04	+1 28.7	20 22 1.42	.....	−18 30 55.3	....
26	ω^1 Cygni	9	27 0.10	+ 0.24	+12.37	350 13 52.70	43.708	+ 7.04	− 9.7	20 27 12.71	− 1.94	+48 38 11.4	+ 6.0
27	73 Draconis	9	32 35.87	+ 0.57	+12.37	324 13 50.50	45.705	+ 7.04	− 40.8	20 32 48.81	.....	+74 37 58.9	....
28	α Cygni	9	38 4.94	+ 0.21	+12.37	353 55 52.48	42.152	+ 7.04	− 6.0	20 38 17.52	.....	+44 56 43.5	....
29	ε Cygni	9	42 15.91	+ 0.16	+12.37	5 13 53.12	45.638	+ 7.04	+ 5.3	20 42 28.44	.....	+33 37 11.8	....
30	ω Capricorni	8	46 5.56	− 0.14	+12.37	66 3 58.60	48.200	+ 6.15	+2 7.6	20 46 17.79	− 1.40	−27 15 53.4	−11.2
31	32 Vulpeculæ	9	50 24.75	+ 0.13	**+12.37**	11 7 53.68	48.090	+ 7.04	+ 11.2	20 50 37.25	.....	+27 42 9.3	....
32	f^1 Cygni	9	56 28.94	+ 0.22	+12.37	351 41 53.00	45.965	+ 7.04	− 8.2	20 56 41.53	− 1.76	+47 9 18.0	+ 7.2
33	θ Capricorni	9	0 32.24	− 0.07	**+12.36**	56 25 55.35	45.300	+ 7.04	+1 25.4	21 0 44.54	.....	−17 36 2.6	....
34	Venus II, N.	9	47 41.30	+ 0.05	+12.35	20 11 56.82	42.812	+ 6.74	+ 20.3	3 47 53.70	− 0.39	+18 39 58.0	....
	June 15, P.												
35	Sun I, S.	9	30 1.26	+ 0.04	+12.35	15 49 56.30	44.535	+ 6.47	+ 15.5	5 30 13.65	+68.79	+23 1 24.4	....
36	Sun II, N.	9	32 18.83	+ 0.04	+12.35	15 17 55.68	45.858	+ 6.47	+ 15.0	5 32 31.22	−68.78	+23 32 54.9	....
37	Mercury C, C.	9	8 16.83	− 0.03	+12.35	14 25 56.98	46.110	+ 6.49	+ 14.0	7 8 29.15	+ 0.08	+24 24 49.0	....
38	d Boötis	9	5 58.41	− 0.02	**+12.29**	13 19 53.60	43.182	+ 6.01	+ 13.2	14 6 10.71	.....	+25 32 0.6	....
39	α Boötis	9	11 14.07	− 0.04	**+12.32**	19 11 56.82	42.760	+ 6.02	+ 19.3	14 11 26.35	.....	+19 40 1.0	....
40	f Boötis	9	21 56.77	− 0.04	**+12.34**	19 12	......	....	. ....	14 22 9.05	.....	+19 38	....
41	204 B. Boötis	9	25 45.94	+ 0.02	+12.32	356 37 55.42	46.350	+ 6.07	− 3.2	14 25 58.28	− 1.34	+42 13 2.8	− 9.9
42	33 Boötis	9	35 11.63	+ 0.02	+12.32	354 3 53.55	42.765	+ 6.10	− 5.7	14 35 23.97	.....	+44 48 29.0	....
43	34 Boötis	9	39 9.13	− 0.02	+12.32	11 55 52.80	44.675	+ 6.11	+ 11.7	14 39 21.43	− 1.33	+26 55 28.7	− 6.4
44	μ Libræ (*brighter*)	9	44 2.41	− 0.16	+12.32	52 35 53.92	45.285	+ 6.13	+1 12.3	14 44 14.57	− 1.52	−13 45 46.9	+ 3.4
45	61 B. Draconis	9	48 54.12	+ 0.06	+12.32	339 11 51.82	43.498	+ 6.15	− 20.9	14 49 6.50	.....	+59 40 29.1	....
46	δ Libræ	9	55 49.37	− 0.13	+12.32	46 59 56.32	43.895	+ 6.17	+ 59.3	14 56 1.56	− 1.51	− 8 9 4.8	+ 1.7
47	c Boötis	9	3 2.11	− 0.03	+12.32	13 37 52.90	43.355	+ 6.19	+ 13.5	15 3 14.40	− 1.44	+25 13 56.9	− 5.8
48	1 Lupi	9	8 45.23	− 0.27	+12.32	69 59 57.65	43.458	+ 6.21	+2 31.2	15 8 57.28	− 1.89	−31 10 27.8	+ 5.8
49	1 H. Ursæ Minoris	9	13 24.22	+ 0.08	+12.32	331 9 50.78	44.795	+ 6.23	− 30.4	15 13 36.62	.....	+67 42 9.9	....
50	η Coronæ Borealis	9	19 10.99	− 0.01	+12.32	8 13 53.58	44.805	+ 6.24	+ 8.1	15 19 23.30	.....	+30 37 28.4	....
51	β Coronæ Borealis	9	23 48.92	− 0.01	**+12.33**	9 25 53.12	44.292	+ 6.26	+ 9.3	15 24 1.23	.....	+29 25 39.4	....
52	θ Coronæ Borealis	9	28 59.99	− 0.01	+12.32	7 9 53.58	47.550	+ 6.28	+ 7.0	15 29 12.30	− 1.57	+31 40 26.7	− 6.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 18 43	29.62	55.1	54.8
19 9	......	....	54.9
19 35	......	....	54.7
19 50	29.59	54.5	54.0
20 13	......	....	54.0
20 30	......	....	54.2
20 51	......	....	55.0
21 2	29.585	55.0	55.3
3 48	29.675	70.0	71.0
15 5 32	29.68	74.5	76.2
7 8	29.675	77.5	79.6
14 3	29.745	70.0	71.3
14 24	......	....	72.0
14 42	......	....	71.1
15 0	29.77	69.0	70.6
15 22	......	....	69.5

Micrometer bisections are made at II, VI, except as noted below.

13, 14, 16, 20, 36, 46.	Bisections at VI, VII.
15.	Bisections at III, IV.
24.	Bisections at II, VI, VII.
26, 27, 28, 32, 41, 42, 45, 49.	Bisections at III, V.
34, 37.	Bisections at I, II, VI, VII.
35.	Bisections at I, II.

Notes.

1-6.	Conditions poor; clouds.
14, 18.	One microscope reading decreased 10″.
16, 18, 30, 48.	Haze.
30.	Two microscopes used.
30.	Micrometer reading increased 5 rev.
39.	Circle reading decreased 8′.
44.	Assumed that brighter was observed as directed on observing list.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
34	+ 1.9	− 5.7	...	− 3.8
35	+ 2.3	+15 45.3	...	+15 47.6
36	+ 2.3	−15 45.2	...	−15 42.9
37	+ 2.1	.. ....	0.0	+ 2.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	θ Ursæ Minoris	9	34 1.49	+ 0.14	+12.32	321 11 50.50	46.575	+ 6.29	− 44.4	15 34 13.95	− 4.42	+77 39 43.4	−11.9
2	α Serpentis	9	39 30.52	− 0.08	**+12.33**	32 7 54.48	44.617	+ 6.31	+ 34.9	15 39 42.76	.....	+ 6 43 4.9	....
3	χ Lupi	9	44 52.74	− 0.28	+12.32	72 7 57.98	48.640	+ 6.33	+2 50.9	15 45 4.78	− 2.06	−33 20 46.3	+ 3.9
4	χ Herculis	9	49 17.05	+ 0.02	+12.32	356 7 53.58	47.098	+ 6.34	− 3.7	15 49 29.39	.....	+42 42 47.8	....
5	ε Coronæ Borealis	9	53 33.56	− 0.02	**+12.30**	11 41 53.35	46.198	+ 6.35	+ 11.5	15 53 45.86	.....	+27 8 53.3	....
6	87 B. Draconis	9	5 54.53	+ 0.09	+12.32	330 47 51.02	46.685	+ 6.39	− 30.8	16 6 6.94	.....	+68 3 26.7	....
7	γ Herculis	9	17 38.41	− 0.04	**+12.35**	19 27 54.10	47.338	+ 6.43	+ 19.7	16 17 50.69	.....	+19 22 18.2	....
8	η Draconis	9	22 34.04	+ 0.06	+12.32	337 7 52.08	45.935	+ 6.45	− 23.3	16 22 46.42	.....	+61 43 35.3	....
	June 16, M.												
9	R Lyræ	9	52 20.09	− 0.02	+12.35	355 1 52.30	45.675	+ 6.92	− 4.8	18 52 32.42	.....	+43 49 22.0	....
10	ζ Aquilæ	9	0 57.65	− 0.11	**+12.34**	25 7 53.50	43.922	+ 6.92	+ 26.5	19 1 9.89	.....	+13 43 29.6	....
11	π Sagittarii	9	4 3.81	− 0.26	+12.35	59 59 55.82	45.265	+ 6.92	+1 37.6	19 4 15.90	.....	−21 10 14.6	....
12	55 Draconis	9	9 15.88	+ 0.05	+12.35	333 1 50.15	46.950	+ 6.92	− 28.6	19 9 28.28	− 3.30	+65 49 18.8	+ 2.3
13	δ Draconis	8	12 23.19	+ 0.07	+12.35	331 21 50.25	45.718	+ 6.92	− 30.7	19 12 35.61	.....	+67 29 48.7	....
14	Mars I, C	4	20 7.67	− 0.30	+12.35	65 1 55.30	50.762	+ 6.92	+2 0.8	19 20 19.72	+ 0.77	−26 13 7.4	....
15	Mars II	5	20 9.25	− 0.30	+12.35	... .	......	....	. ....	19 20 21.30	− 0.81	.. ..	....
16	β Cygni	9	26 47.75	− 0.06	**+12.34**	11 5 52.15	43.808	+ 6.92	+ 11.1	19 27 0.04	.....	+27 45 48.9	....
17	51 B. Cygni	9	33 24.52	− 0.02	+12.35	355 21 51.50	44.582	+ 6.92	− 4.5	19 33 36.85	− 2.03	+43 29 47.6	+ 2.0
18	β Sagittæ	9	36 41.69	− 0.10	**+12.39**	21 35 52.98	43.820	+ 6.92	+ 22.4	19 36 53.94	.....	+17 15 36.3	....
19	δ Cygni	9	41 53.79	− 0.01	+12.35	353 55 51.55	49.000	+ 6.92	− 5.9	19 42 6.13	.....	+44 54 7.8	....
20	η Aquilæ	9	47 33.58	− 0.16	+12.35	38 5 54.62	41.750	+ 6.92	+ 44.3	19 47 45.77	− 1.59	+ 0 46 0.3	− 4.3
21	Groombridge 3402	5	53 23.66	+ 1.74	+12.35	310 1 48.32	45.330	+ 6.92	−1 7.0	19 53 37.75	−55.67	+88 50 35.9	+ 6.0
22	θ Aquilæ	9	6 19.79	− 0.16	**+12.33**	39 55 54.38	46.405	+ 6.92	+ 47.4	20 6 31.98	.....	− 1 5 48.9	....
23	68 Draconis	9	9 53.86	+ 0.04	+12.35	337 3 49.32	45.788	+ 6.92	− 23.8	20 10 6.25	− 2.72	+61 47 41.4	+ 6.0
24	β Capricorni	9	15 36.69	− 0.22	**+12.36**	53 53 54.65	46.758	+ 6.92	+1 17.6	20 15 48.82	.....	−15 4 27.3	....
25	296 G. Sagittarii	9	19 34.91	− 0.32	+12.35	67 45 54.70	47.555	+ 6.92	+2 17.9	20 19 46.94	− 1.62	−28 57 45.8	−10.8
26	69 Aquilæ	9	24 36.67	− 0.17	+12.35	42 1 54.35	45.887	+ 6.92	+ 51.0	20 24 48.85	− 1.46	− 3 11 40.5	− 5.2
27	ζ Delphini	9	30 46.85	− 0.11	+12.35	24 29 53.80	44.810	+ 6.92	+ 25.8	20 30 59.09	− 1.48	+14 21 9.7	− 1.0
28	α Delphini	9	35 8.39	− 0.11	**+12.33**	23 15 53.72	45.290	+ 6.92	+ 24.4	20 35 20.63	.....	+15 35 0.3	....
29	δ Delphini	9	38 56.22	− 0.11	+12.35	24 7 54.18	41.562	+ 6.92	+ 25.4	20 39 8.46	− 1.44	+14 44 24.0	− 0.8
30	μ Aquarii	9	47 27.56	− 0.20	**+12.35**	48 9 54.42	45.900	+ 6.92	+1 3.3	20 47 39.71	.....	− 9 19 53.2	....
31	220 H^1. Draconis	8	51 43.56	+ 0.20	+12.35	318 39 49.05	45.972	+ 6.92	− 49.6	20 51 56.11	.....	+80 12 3.1	....
32	f^1 Cygni	9	56 29.21	− 0.01	+12.35	351 41 51.45	45.990	+ 6.92	− 8.2	20 56 41.55	− 1.82	+47 9 19.0	+ 6.7
33	ξ Cygni	9	1 22.19	− 0.02	+12.35	355 17 51.68	45.985	+ 6.92	− 4.6	21 1 34.52	− 1.70	+43 33 15.3	+ 6.3
34	98 B. Cephei	9	7 14.68	+ 0.16	+12.35	321 7 49.38	43.888	+ 6.92	− 45.5	21 7 27.19	.....	+77 44 46.4	....
35	Venus II, N	9	57 37.85	− 0.08	+12.34	19 35 53.75	47.589	+ 7.36	+ 19.7	3 57 50.11	− 0.39	+19 14 11.9	....
	June 17, M.												
36	Sun I, N	9	38 20.05	− 0.13	+12.33	15 11 52.55	49.048	+ 7.25	+ 15.0	5 38 32.25	+68.89	+23 37 44.8	....
37	Sun II, S	9	40 37.82	− 0.13	+12.33	15 43 52.10	47.708	+ 7.25	+ 15.5	5 40 50.02	−68.88	+23 6 14.9	....
38	Moon I	9	57 18.99	− 0.22	+12.33	28 30	......	....	. ....	10 57 31.10	+63.85	.. ..	....
	June 17, Ei.-M.												
39	γ Serpentis	.	.. ..	....	.....	22 53 50.82	43.090	+ 6.34	+ 23.7	15 52	.....	+15 57 54.5	....
40	$β^1$ Scorpii	9	59 51.52	− 0.29	**+12.25**	58 23 52.40	42.855	+ 6.34	+1 30.8	16 0 3.53	.....	−19 33 8.5	....
41	C. P. D. −26°5611	8	5 41.83	− 0.34	+12.30	65 43 54.00	45.172	+ 6.34	+2 3.7	16 5 53.79	− 1.98	−26 54 35.9	+ 2.0
42	C. P. D. −25°5777	9	9 5.13	− 0.33	+12.30	64 3 53.18	45.485	+ 6.34	+1 54.8	16 9 17.10	− 1.96	−25 14 33.4	+ 1.6
43	B. D. −19°4350	9	11 22.81	− 0.30	+12.30	58 41 52.40	46.265	+ 6.34	+1 32.0	16 11 34.81	− 1.88	−19 52 27.7	+ 0.8
44	B. D. −15°4300	8	13 58.17	− 0.27	+12.30	54 9 52.48	43.782	+ 6.34	+1 17.5	16 14 10.20	− 1.82	−15 19 16.5	+ 0.1
45	γ Herculis	9	17 38.59	− 0.15	**+12.29**	19 29 51.35	42.208	+ 6.34	+ 19.9	16 17 50.74	.....	+19 22 18.1	....
46	C. P. D. −26°5659	9	25 30.29	− 0.34	+12.30	65 9 53.35	44.250	+ 6.34	+2 0.7	16 25 42.25	− 2.01	−26 20 11.2	+ 0.8
47	ζ Ophiuchi	9	31 52.03	− 0.25	**+12.24**	49 13 53.92	42.960	+ 6.34	+1 5.0	16 32 4.08	.....	−10 22 46.7	....
48	B. D. −16°4327	9	36 2.83	− 0.28	+12.30	55 35 52.58	43.525	+ 6.34	+1 21.8	16 36 14.85	− 1.88	−16 45 15.0	− 0.7
49	B. D. −22°4205	8	39 22.95	− 0.32	+12.30	61 49 53.60	46.295	+ 6.34	+1 44.5	16 39 34.93	− 1.98	−23 0 42.2	− 0.3
50	18 Ophiuchi	9	43 54.72	− 0.33	+12.30	63 17 52.70	46.025	+ 6.34	+1 51.3	16 44 6.69	− 2.01	−24 28 41.7	− 0.4
51	B. D. −18°4336	9	45 33.38	− 0.29	+12.30	57 51 52.68	44.290	+ 6.34	+1 29.2	16 45 45.39	− 1.92	−19 1 40.0	− 0.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 15 44	......	....	[illegible]
16 9	......	....	71.0
16 24	29.80	69.5	70.0
16 18 54	30.00	64.4	65.2
19 18	......	....	65.3
20 4	29.995	63.6	63.3
20 28	......	....	63.6
20 47	......	....	63.2
21 12	30.00	62.7	63.2
3 58	30.12	77.2	78.0
17 5 41	30.12	80.9	81.8
15 52	30.08	71.8	70.8
16 16	......	....	69.8
16 41	30.07	70.0	69.1

Micrometer bisections are made at II, VI, except as noted below.

1, 4, 6, 8, 12, 17, 23, 31.	Bisections at III, V.
2.	Bisections at II, VI, VII.
11, 18, 37, 39, 49.	Bisections at VI, VII.
13.	Bisections at V, VI.
14.	Z. D. threads C used.
14, 25, 35.	Bisections at I, II, VI, VII.
20.	Bisections at III, VI.
21.	Bisections at b_5, b_6, b_7.
26, 29, 30.	Bisections at I, II, VI.
34.	Bisections at III, IV, V.
36.	Bisections at I, II.
41, 43, 48.	Bisections at II, VII.

Notes.

2.	Degrees and minutes of circle reading assumed.
3.	Hazy; unsteady.
11, 25.	Poor.
21.	Faint.
27–34.	Unsteady.
39–51.	Thick haze. Stars fainter than 7.0 mag. very difficult.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+ 17.3	.. ....	0.0	+ 17.3
35	+ 1.9	− 5.6	...	− 3.7
36	+ 2.3	−15 44.9	...	−15 42.6
37	+ 2.3	+15 45.0	...	+15 47.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	C. P. D. −24°5768	9	49 7.58	− 0.32	+12.30	63 11 52.90	42.770	+ 6.34	+1 50.7	16 49 19.56	− 2.01	−24 21 26.7	− 0.6
2	24 Ophiuchi	9	51 1.43	− 0.32	+12.30	61 49 53.15	45.030	+ 6.34	+1 44.6	16 51 13.41	− 1.99	−23 0 12.5	− 0.8
3	B. D. −19°4474	9	52 14.89	− 0.29	+12.30	58 27 52.58	47.205	+ 6.34	+1 31.4	16 52 26.90	− 1.94	−19 38 48.7	− 1.2
4	B. D. −20°4606	9	55 34.49	− 0.30	+12.30	59 7 52.68	44.890	+ 6.34	+1 33.7	16 55 46.49	− 1.95	−20 17 58.2	− 1.3
5	C. P. D. −28°5517	9	58 26.23	− 0.36	+12.30	67 15 53.48	45.100	+ 6.34	+2 13.4	16 58 38.17	− 2.10	−28 26 43.5	− 0.9
6	B. D. −17°4717	9	2 40.73	− 0.28	+12.30	56 19 51.85	43.295	+ 6.34	+1 24.2	17 2 52.75	− 1.92	−17 29 11.4	− 1.8
7	η Ophiuchi	9	4 52.59	− 0.27	**+12.18**	54 25 52.65	47.248	+ 6.34	+1 18.5	17 5 4.62	.....	−15 36 36.9	....
8	C. P. D. −26°5857	9	9 16.94	− 0.34	+12.30	65 13 53.58	47.592	+ 6.34	+2 1.4	17 9 28.90	− 2.06	−26 25 28.5	− 1.6
9	C. P. D. −27°5608	9	11 27.91	− 0.35	+12.30	66 29 53.08	43.150	+ 6.34	+2 8.6	17 11 39.86	− 2.09	−27 39 53.9	− 1.7
10	C. P. D. −29°5649	9	14 23.49	− 0.36	+12.30	68 5 53.88	43.322	+ 6.34	+2 19.0	17 14 35.43	− 2.12	−29 16 8.8	− 1.8
11	B. D. −20°4750	9	17 15.94	− 0.30	+12.30	58 57 51.92	43.805	+ 6.34	+1 33.2	17 17 27.94	− 1.97	−20 7 32.1	− 2.3
12	C. P. D. −27°5650	9	20 6.19	− 0.35	+12.30	66 19 53.05	45.928	+ 6.34	+2 7.7	17 20 18.14	− 2.09	−27 30 56.3	− 2.2
13	α Ophiuchi	9	30 26.70	− 0.17	**+12.30**	26 13 51.72	43.550	+ 6.34	+ 27.7	17 30 38.83	.....	+12 37 39.3	....
14	ξ Serpentis	9	32 5.57	− 0.27	**+12.25**	54 9 52.92	46.755	+ 6.34	+1 17.8	17 32 17.60	.....	−15 20 25.2	....
	June 17, P.												
15	α Lyræ	9	33 37.28	− 0.08	+12.25	0 9 50.30	44.425	+ 6.07	+ 0.2	18 33 49.45	.....	+38 41 48.1	....
16	110 Herculis	9	41 29.26	− 0.13	**+12.20**	18 23 51.95	44.438	+ 6.07	+ 18.8	18 41 41.38	.....	+20 27 27.9	....
17	β Lyræ	9	46 28.53	− 0.09	+12.25	5 35 50.48	45.640	+ 6.07	+ 5.6	18 46 40.69	.....	+33 15 15.1	....
18	θ Serpentis	9	51 25.41	− 0.18	**+12.28**	34 45 52.72	44.808	+ 6.07	+ 39.2	18 51 37.48	.....	+ 4 4 58.3	....
19	γ Lyræ	9	55 17.58	− 0.09	+12.25	6 17 51.38	44.428	+ 6.07	+ 6.3	18 55 29.74	.....	+32 33 40.9	....
20	ζ Aquilæ	9	0 57.74	− 0.15	**+12.31**	25 7 51.80	43.990	+ 6.07	+ 26.5	19 1 9.84	.....	+13 43 30.6	....
21	21 Aquilæ	9	8 50.97	− 0.18	+12.25	36 41 53.32	46.810	+ 6.07	+ 42.2	19 9 3.04	− 1.71	+ 2 8 9.0	− 4.1
22	κ Cygni	9	14 47.46	− 0.04	+12.25	345 39 50.25	45.245	+ 6.07	− 14.4	19 14 59.67	.....	+53 11 44.4	....
23	Mars I, C	5	19 29.54	− 0.32	+12.25	65 7 54.25	49.701	+ 6.07	+2 1.5	19 19 41.47	+ 0.75	−26 18 41.9	....
24	Mars II	5	19 31.07	− 0.32	+12.25	... .	......	....	. ....	19 19 43.00	− 0.78	.. ..	....
25	μ Aquilæ	9	29 22.26	− 0.16	**+12.39**	31 39 51.25	45.225	+ 6.07	+ 34.9	19 29 34.35	.....	+ 7 10 54.6	....
26	σ Aquilæ	9	34 25.75	− 0.16	+12.25	33 39 52.52	44.382	+ 6.07	+ 37.7	19 34 37.84	− 1.65	+ 5 11 9.8	− 3.6
27	ζ Sagittæ	9	44 40.41	− 0.12	+12.25	19 55 51.05	46.905	+ 6.07	+ 20.6	19 44 52.54	− 1.67	+18 54 30.7	− 1.2
28	63 Sagittarii	9	56 35.63	− 0.24	+12.25	52 43 42.02	45.280	+ 6.07	+1 14.4	19 56 47.64	− 1.62	−13 53 36.9	− 7.2
29	4 B. Ursæ Minoris S. P.	6	4 23.48	− 0.20	+12.25	307 47 36.40	45.008	+ 6.07	−1 12.6	8 4 35.53	.....	+88 54 57.1	....
30	π Capricorni	9	21 49.51	− 0.26	**+12.26**	57 19 42.70	48.040	+ 6.07	+1 28.2	20 22 1.50	.....	−18 30 54.6	....
31	ε Delphini	9	28 35.52	− 0.14	**+12.35**	27 51 41.55	45.058	+ 6.07	+ 30.0	20 28 47.63	.....	+10 59 13.0	....
32	29 Vulpeculæ	9	34 11.44	− 0.11	+12.25	17 59 40.68	42.405	+ 6.07	+ 18.4	20 34 23.58	− 1.53	+20 52 26.1	+ 0.3
33	ϑ Delphini	9	38 56.35	− 0.12	+12.25	24 7 41.85	42.082	+ 6.07	+ 25.4	20 39 8.48	− 1.47	+14 44 25.3	− 1.0
34	ε Aquarii	9	42 27.98	− 0.21	**+12.24**	48 39 42.18	47.010	+ 6.07	+1 4.4	20 42 40.02	.....	− 9 50 6.6	....
35	76 Draconis	9	49 17.29	+ 0.05	+12.25	316 41 36.50	44.076	+ 6.07	− 53.2	20 49 29.59	.....	+82 11 3.5	....
36	Venus II, N	9	2 38.00	− 0.13	+12.24	19 19 51.88	46.620	+ 6.51	+ 19.5	4 2 50.11	− 0.39	+19 30 37.0	....
	June 19, M.												
37	Sun I, S	9	46 39.13	− 0.13	+12.26	15 41 52.05	44.640	+ 5.72	+ 15.5	5 46 51.26	+68.96	+23 9 27.0	....
38	Sun II, N	9	48 57.04	− 0.13	+12.26	15 9 51.40	45.890	+ 5.72	+ 15.0	5 49 9.17	−68.95	+23 40 59.2	....
39	Mercury C, C	9	32 50.48	− 0.13	+12.26	15 35 51.60	42.830	+ 6.05	+ 15.3	7 33 2.61	+ 0.10	+23 16 8.5	....
	June 19, P.												
40	λ Ursæ Minoris	9	15 23.11	0.00	+12.18	309 51 47.45	46.929	+ 5.81	−1 6.8	19 15 35.29	.....	+89 0 0.1	....
41	β Sagittæ	9	36 42.01	− 0.12	**+12.15**	21 35 51.30	43.905	+ 5.81	+ 22.2	19 36 54.07	.....	+17 15 37.6	....
42	δ Sagittæ	9	43 4.13	− 0.11	**+12.19**	20 31 50.98	47.528	+ 5.81	+ 21.1	19 43 16.20	.....	+18 18 16.2	....
43	η Aquilæ	9	47 33.76	− 0.16	+12.18	38 5 53.12	41.790	+ 5.81	+ 44.0	19 47 45.78	− 1.65	+ 0 46 2.4	− 4.7
44	γ Sagittæ	9	54 26.89	− 0.11	**+12.20**	19 35 51.12	47.350	+ 5.81	+ 20.0	19 54 38.95	.....	+19 14 21.3	....
45	4 B. Ursæ Minoris S. P.	8	4 21.90	+ 0.12	+12.17	307 47 47.82	44.437	+ 5.81	−1 12.0	8 4 34.19	.....	+88 54 55.8	....
46	69 Aquilæ	9	24 37.00	− 0.18	+12.17	42 1 54.28	45.880	+ 5.81	+ 50.6	20 24 48.99	− 1.53	− 3 11 38.8	− 5.6
47	ε Delphini	9	28 35.69	− 0.13	**+12.22**	27 51 53.10	44.560	+ 5.81	+ 29.7	20 28 47.73	.....	+10 59 13.4	....
48	29 Vulpeculæ	9	34 11.59	− 0.11	+12.17	17 59 52.02	41.885	+ 5.81	+ 18.3	20 34 23.65	− 1.58	+20 52 27.0	− 0.1
49	ε Aquarii	9	42 28.08	− 0.20	**+12.18**	48 39 52.50	46.580	+ 5.81	+1 3.9	20 42 40.05	.....	− 9 50 6.3	....
50	μ Aquarii	9	47 27.86	− 0.20	**+12.13**	48 9 53.42	45.962	+ 5.81	+1 2.8	20 47 39.83	.....	− 9 19 52.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 17 7	......	....	68.4
17 33	30.06	68.5	67.7
18 33	30.05	67.0	66.0
18 56	......	....	65.1
19 18	......	....	65.0
19 38	30.045	65.5	64.2
20 3	......	....	64.1
20 26	......	....	64.0
20 51	30.035	64.0	63.5
4 3	30.055	76.0	75.9
19 5 49	29.82	75.5	75.0
7 33	29.80	78.2	77.0
19 4	29.755	66.0	64.5
19 30	......	....	64.0
20 17	29.75	65.0	64.0
20 35	......	....	63.2

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 37.	Bisections at I, II.
6, 12, 41.	Bisections at II, VII.
9, 15, 19, 30, 38.	Bisections at VI, VII.
22.	Bisections at III, V.
23.	Z. D. threads C used.
23, 36, 39.	Bisections at I, II, VI, VII.
29.	Bisections at b_1, b_3, b_5.
35, 40.	Bisections at b_1, b_3, b_5, b_7, b_9.
45.	Bisections at b_1, b_2, b_3, b_5, b_7.

Note.

1-14. Unsteady; haze. Stars fainter than 7.0 mag. very difficult.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+ 17.4	.. ....	0.0	+ 17.4
36	+ 1.9	− 5.6	...	− 3.7
37	+ 2.3	+15 46.1	...	+15 48.4
38	+ 2.2	−15 46.0	...	−15 43.8
39	+ 2.4	.. ....	− 0.1	+ 2.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	7 Aquarii	9	51 42.02	− 0.20	+12.17	48 51 53.72	49.310	+ 5.81	+1 4.4	20 51 53.99	− 1.43	−10 3 10.4	− 7.3
2	γ Equulei	9	5 38.51	− 0.14	+12.17	29 5 51.68	44.048	+ 5.81	+ 31.3	21 5 50.54	− 1.39	+ 9 45 24.9	− 2.2
3	α Equulei	9	10 59.88	− 0.15	+**12.15**	33 57 52.72	47.930	+ 5.81	+ 38.0	21 11 11.90	.....	+ 4 51 48.5	....
4	υ Cygni	9	13 54.99	− 0.07	+12.17	4 21 51.48	42.992	+ 5.81	+ 4.3	21 14 7.09	− 1.57	+34 30 15.9	+ 4.2
5	69 Cygni	9	21 48.35	− 0.07	+12.17	2 35 49.95	44.312	+ 5.81	+ 2.6	21 22 0.45	− 1.56	+36 15 49.2	+ 4.9
6	Venus II, N	8	12 41.15	− 0.13	+12.17	18 49 52.75	43.355	+ 6.42	+ 18.9	4 12 53.19	− 0.39	+20 1 51.4	....
	June 20, P.												
7	Sun I, N	9	50 48.82	− 0.10	+12.17	15 7 52.90	48.472	+ 6.33	+ 14.9	5 51 0.89	+68.89	+23 41 58.6	....
8	Sun II, S	9	53 6.61	− 0.10	+12.17	15 39 52.48	47.198	+ 6.33	+ 15.4	5 53 18.68	−68.90	+23 10 27.2	....
9	Moon I, N	9	27 46.81	− 0.20	+12.17	42 55 53.65	44.693	+ 5.25	+ 51.1	13 27 58.78	+65.91	− 4 5 12.3	....
10	6 B. Libræ	9	31 52.30	− 0.22	+12.17	50 45 54.20	42.698	+ 5.16	+1 7.4	14 32 4.25	− 1.42	−11 54 42.2	+ 3.2
11	μ Virginis	9	37 58.96	− 0.20	+**12.13**	44 5 54.05	44.890	+ 5.16	+ 53.4	14 38 10.93	.....	− 5 15 18.1	....
12	109 Virginis	9	41 22.16	− 0.18	+**12.18**	36 33 52.70	44.565	+ 5.16	+ 40.9	14 41 34.15	.....	+ 2 17 3.1	....
13	ξ^2 Libræ	9	51 32.82	− 0.22	+**12.11**	49 51 53.92	46.605	+ 5.16	+1 5.4	14 51 44.76	.....	−11 2 9.2	....
14	2 H. Ursæ Minoris	9	55 56.22	− 0.17	+12.16	332 33 49.05	44.275	+ 5.16	− 28.5	14 56 8.21	− 2.10	+66 18 22.7	−13.9
15	i Boötis (*fol.*)	8	0 33.21	− 0.12	+12.16	350 51 50.30	41.390	+ 5.16	− 8.8	15 0 45.25	− 1.57	+48 1 7.7	−11.3
16	48 H. Cephei s. p.	8	8 14.42	+ 0.29	+12.16	296 17 47.70	42.078	+ 5.16	−1 50.8	3 8 26.87	.....	+77 23 23.1	....
17	η Coronæ Borealis	9	19 11.19	− 0.13	+12.16	8 13 50.52	44.930	+ 5.16	+ 8.0	15 19 23.22	.....	+30 37 29.8	....
18	β Coronæ Borealis	9	23 49.16	− 0.13	+**12.18**	9 25 50.38	44.435	+ 5.16	+ 9.2	15 24 1.19	.....	+29 25 40.0	....
19	α Coronæ Borealis	8	30 34.58	− 0.13	+**12.11**	11 49 50.42	44.148	+ 5.16	+ 11.6	15 30 46.61	.....	+27 1 44.3	....
20	ζ Coronæ Borealis (*fol.*)	9	35 42.16	− 0.12	+12.16	1 55 50.52	42.940	+ 5.16	+ 1.9	15 35 54.20	− 1.62	+36 56 21.3	− 8.6
21	β Serpentis	9	41 43.27	− 0.16	+**12.21**	23 7 52.40	46.002	+ 5.16	+ 23.6	15 41 55.27	.....	+15 42 47.9	....
22	χ Herculis	9	49 17.30	− 0.12	+12.16	356 7 50.75	47.258	+ 5.16	− 3.7	15 49 29.34	.....	+42 42 48.1	....
23	B. D.+59°1695	9	58 23.70	− 0.14	+12.16	339 15 48.92	45.608	+ 5.16	− 20.8	15 58 35.72	− 2.29	+59 35 44.7	−10.9
24	19 Ursæ Minoris	9	13 20.14	− 0.25	+12.16	322 45 47.15	43.585	+ 5.16	− 41.9	16 13 32.05	.....	+76 6 53.7	....
25	η Ursæ Minoris	9	20 5.03	− 0.25	+12.16	322 53 47.92	44.978	+ 5.16	− 41.7	16 20 16.94	.....	+75 58 20.9	....
26	λ Ophiuchi	9	26 3.01	− 0.18	+**12.23**	36 39 51.90	44.088	+ 5.16	+ 41.2	16 26 14.99	.....	+ 2 11 14.5	....
27	σ Herculis	9	30 56.14	− 0.12	+12.16	356 13 50.38	44.642	+ 5.16	− 3.6	16 31 8.18	.....	+42 37 48.1	....
28	ζ Herculis	9	37 36.56	− 0.13	+12.16	7 5 51.35	42.725	+ 5.16	+ 6.9	16 37 48.59	.....	+31 46 20.4	....
29	B. D.+77°633	9	42 52.16	− 0.28	+12.16	321 1 47.78	44.192	+ 5.16	− 44.6	16 43 4.04	− 5.33	+77 50 41.9	− 9.2
	June 20, M.												
30	Venus II, C	9	17 44.31	− 0.14	+12.20	18 33 53.82	46.642	+ 5.61	+ 18.5	4 17 56.37	− 0.39	+20 16 36.4	....
	June 21, M.												
31	Sun I, S	8	54 58.52	− 0.19	+12.20	15 39 51.32	45.795	+ 5.92	+ 15.4	5 55 10.53	+68.87	+23 11 1.2	....
32	Sun II, N	9	57 16.27	− 0.19	+12.20	15 7 50.92	47.130	+ 5.92	+ 14.8	5 57 28.28	−68.88	+23 42 31.3	....
33	Moon I, N	9	21 38.71	− 0.30	+12.18	48 5 52.35	47.559	+ 5.42	+1 1.3	14 21 50.59	+67.81	− 9 16 25.5	....
34	142 H. Cephei s. p.	9	34 3.87	+ 0.59	+12.18	299 55 46.40	45.777	+ 5.42	−1 34.9	2 34 16.64	+ 2.83	+81 3 2.5	+15.4
35	μ Virginis	9	37 59.04	− 0.28	+**12.13**	44 5 53.22	44.910	+ 5.42	+ 53.4	14 38 10.94	.....	− 5 15 18.0	....
36	109 Virginis	9	41 22.23	− 0.26	+**12.19**	36 33 52.28	44.575	+ 5.42	+ 40.9	14 41 34.15	.....	+ 2 17 3.1	....
37	295 B. Boötis	9	45 17.07	− 0.22	+12.18	0 39 50.50	44.520	+ 5.42	+ 0.7	14 45 29.03	− 1.36	+38 11 46.2	−10.0
38	ξ^1 Libræ	9	49 9.46	− 0.30	+12.18	50 21 52.90	44.172	+ 5.42	+1 6.5	14 49 21.34	− 1.49	−11 31 13.9	+ 2.4
39	47 H. Cephei s. p.	8	53 25.97	+ 0.48	+12.18	297 55 46.15	45.653	+ 5.42	−1 43.1	2 53 38.63	.....	+79 2 51.3	....
40	γ Scorpii	9	58 27.39	− 0.36	+12.18	63 43 53.40	47.190	+ 5.42	+1 51.4	14 58 39.21	.....	−24 55 8.2	....
41	1 H^1. Camelopardalis s. p.	9	11 34.23	+ 0.20	+12.18	284 13 46.98	44.297	+ 5.42	−3 32.5	3 11 46.61	+ 1.22	+65 18 31.8	+13.5
42	τ^1 Serpentis	9	21 18.11	− 0.24	+12.18	23 5 52.10	44.615	+ 5.42	+ 23.6	15 21 30.05	− 1.48	+15 45 19.8	− 4.8
43	β Coronæ Borealis	9	23 49.26	− 0.22	+**12.17**	9 25 50.18	44.480	+ 5.42	+ 9.2	15 24 1.22	.....	+29 25 38.9	....
44	149 H^1. Cephei s. p.	9	35 50.61	+ 1.52	+12.18	305 13 45.68	45.257	+ 5.42	−1 17.7	3 36 4.31	+11.79	+86 21 6.9	+13.6
45	β Serpentis	9	41 43.36	− 0.24	+**12.20**	23 7 52.20	46.035	+ 5.42	+ 23.6	15 41 55.30	.....	+15 42 47.2	....
46	ζ Ursæ Minoris	9	47 14.33	− 0.52	+12.18	320 47 47.10	43.322	+ 5.42	− 44.8	15 47 25.99	.....	+78 5 2.5	....
47	γ Serpentis	9	51 59.12	− 0.24	+**12.17**	22 53 51.38	43.145	+ 5.42	+ 23.4	15 52 11.06	.....	+15 57 54.3	....
48	B. D.+37°2705	9	59 38.45	− 0.22	+12.18	1 27 51.18	47.515	+ 5.42	+ 1.5	15 59 50.41	− 1.73	+37 22 36.3	− 8.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 20 58	.....	....	63.0
21 24	29.76	63.5	62.0
4 13	29.84	73.0	73.0
20 5 53	29.84	76.8	77.0
13 30	29.84	76.5	76.0
14 29	29.84	75.0	74.3
14 48	.....	....	74.0
15 6	.....	....	73.9
15 37	29.85	73.0	73.1
15 50	.....	....	73.0
16 8	.....	....	72.9
16 45	29.85	73.0	72.1
4 18	29.98	79.0	79.0
21 5 57	29.97	81.0	81.0
14 15	29.97	78.3	77.2
15 1	29.98	77.2	76.4
15 18	.....	....	76.0
15 56	29.98	76.0	75.7

Micrometer bisections are made at II, VI, except as noted below.

4, 8, 32.	Bisections at VI, VII.
6, 30.	Bisections at I, II, VI, VII.
7, 31, 45, 47.	Bisections at I, II.
9.	Bisections at I, II, III, IV, VI.
14, 15, 16, 22–25, 27, 29.	Bisections at III, V.
33.	Bisections at II, III, IV, V, VI.
34, 39, 41, 44, 46.	Bisections at III, IV, V.
42.	Bisection at I.

Note.
26. Hazy.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 1.8	− 5.6	...	− 3.8
7	+ 2.2	−15 45.6	...	−15 43.4
8	+ 2.3	+15 45.7	...	+15 48.0
9	+39 27.1	−15 51.9	...	+23 35.2
30	+ 1.8	.. ..	0.0	+ 1.8
31	+ 2.3	+15 45.0	...	+15 47.3
32	+ 2.2	−15 45.0	...	−15 42.8
33	+43 52.1	−16 7.9	...	+27 44.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	τ Coronæ Borealis	9	5 24.03	− 0.22	+12.18	2 7 51.25	44.585	+ 5.42	+ 2.1	16 5 35.99	− 1.74	+36 43 42.6	− 8.0
2	γ Herculis	9	17 38.82	− 0.23	**+12.14**	19 27 51.78	47.435	+ 5.42	+ 19.6	16 17 50.77	.....	+19 22 19.5	....
3	98 B. Draconis	9	22 13.49	− 0.24	+12.18	343 25 48.08	47.078	+ 5.42	− 16.3	16 22 25.43	− 2.24	+55 25 7.2	− 9.5
4	B. D.+77°625	9	26 11.33	− 0.50	+12.18	321 31 47.02	44.690	+ 5.42	− 43.7	16 26 23.01	− 4.88	+77 20 30.2	−10.5
5	ζ Ophiuchi	9	31 52.19	− 0.29	**+12.14**	49 13 54.28	43.020	+ 5.42	+1 4.0	16 32 4.08	.....	−10 22 46.5	....
6	B. D.+77°633	9	42 52.29	− 0.52	+12.18	321 1 48.32	44.165	+ 5.42	− 44.5	16 43 3.95	− 5.29	+77 50 41.6	− 9.5
	June 21, P.												
7	22 Aquilæ	9	11 44.69	− 0.21	+12.11	34 9 52.18	46.770	+ 5.36	+ 37.9	19 11 56.59	− 1.77	+ 4 40 16.1	− 4.5
8	τ Draconis	9	17 13.58	− 0.28	+12.11	325 41 48.48	43.225	+ 5.36	− 37.9	19 17 25.41	.....	+73 10 56.5	....
9	β Cygni	9	26 48.23	− 0.17	**+12.06**	11 5 49.28	43.918	+ 5.36	+ 11.0	19 27 0.17	.....	+27 45 51.0	....
10	μ Aquilæ	9	29 22.65	− 0.20	**+12.11**	31 39 50.45	45.305	+ 5.36	+ 34.4	19 29 34.56	.....	+ 7 10 54.8	....
11	14 Cygni	9	36 15.04	− 0.16	+12.11	356 15 49.90	43.772	+ 5.36	− 3.6	19 36 26.99	− 2.10	+42 36 9.3	+ 0.6
12	15 Cygni	9	40 45.38	− 0.16	+12.11	1 43 49.08	44.715	+ 5.36	+ 1.7	19 40 57.33	− 1.98	+37 7 42.2	+ 0.2
13	ζ Sagittæ	9	44 40.74	− 0.18	+12.11	19 55 50.50	46.962	+ 5.36	+ 20.3	19 44 52.67	− 1.75	+18 54 30.9	− 2.2
14	γ Sagittæ	9	54 27.08	− 0.18	**+12.12**	19 35 51.78	47.322	+ 5.36	+ 19.9	19 54 39.01	.....	+19 14 21.8	....
15	269 G. Sagittarii	9	58 3.66	− 0.30	+12.11	61 39 54.00	47.950	+ 5.36	+1 43.1	19 58 15.47	− 1.78	−22 51 17.9	− 9.2
16	b^2 Cygni	9	5 48.31	− 0.16	+12.11	2 17 50.35	44.145	+ 5.36	+ 2.3	20 6 0.26	− 1.91	+36 33 53.4	+ 1.2
17	α^2 Capricorni	9	12 43.57	− 0.26	**+12.11**	51 39 51.70	45.808	+ 5.36	+1 10.4	20 12 55.42	.....	−12 49 53.9	....
18	π Capricorni	9	21 49.78	− 0.28	**+12.11**	57 19 52.12	47.675	+ 5.36	+1 26.8	20 22 1.61	.....	−18 30 53.4	....
19	ω^1 Cygni	9	27 0.88	− 0.16	+12.11	350 13 48.60	43.875	+ 5.36	− 9.5	20 27 12.83	− 2.14	+48 38 13.2	+ 4.0
20	73 Draconis	9	32 37.34	− 0.30	+12.11	324 13 48.08	45.762	+ 5.36	− 40.0	20 32 49.15	.....	+74 38 0.5	....
21	α Cygni	9	38 5.76	− 0.16	+12.11	353 55 49.30	42.265	+ 5.36	− 5.9	20 38 17.71	.....	+44 56 45.6	....
22	ε Cygni	8	42 16.67	− 0.16	+12.11	5 13 50.25	45.755	+ 5.36	+ 5.2	20 42 28.62	.....	+33 37 13.8	....
23	ω Capricorni	9	46 6.25	− 0.33	+12.11	66 3 52.85	48.545	+ 5.36	+2 5.5	20 46 18.03	− 1.60	−27 15 52.7	−11.4
24	7 Aquarii	9	51 42.18	− 0.25	+12.11	48 53 52.92	44.128	+ 5.36	+1 4.0	20 51 54.04	− 1.48	−10 3 10.4	− 7.6
25	f^1 Cygni	9	56 29.86	− 0.16	+12.11	351 41 49.80	46.072	+ 5.36	− 8.1	20 56 41.81	− 1.97	+47 9 20.4	+ 5.3
26	ξ Cygni	9	1 22.77	− 0.16	+12.11	355 17 50.10	46.078	+ 5.36	− 4.5	21 1 34.72	− 1.86	+43 33 16.4	+ 4.9
27	γ Equulei	9	5 38.70	− 0.20	+12.11	29 5 50.75	44.080	+ 5.36	+ 31.2	21 5 50.61	− 1.44	+ 9 45 25.7	− 2.6
28	4 Piscis Australis	9	12 7.93	− 0.37	+12.11	71 21 53.50	45.777	+ 5.36	+2 44.7	21 12 19.67	.....	−32 33 29.3	....
29	1 Pegasi	9	17 36.56	− 0.18	**+12.21**	19 25 50.78	47.375	+ 5.36	+ 19.8	21 17 48.49	.....	+19 24 21.7	....
30	69 Cygni	9	21 48.57	− 0.16	+12.11	2 35 48.85	44.338	+ 5.36	+ 2.6	21 22 0.52	− 1.62	+36 15 50.2	+ 4.3
31	β Aquarii	9	26 29.26	− 0.24	**+12.16**	44 47 53.20	48.600	+ 5.36	+ 55.7	21 26 41.13	.....	− 5 58 44.6	....
32	72 Cygni	9	30 48.16	− 0.16	+12.11	0 43 48.95	46.878	+ 5.36	+ 0.8	21 31 0.11	− 1.61	+38 6 53.8	+ 5.1
33	Venus II, N.	9	22 48.56	− 0.19	+12.07	18 19 51.78	45.623	+ 6.73	+ 18.2	4 23 0.44	− 0.39	+20 31 0.8	....
	June 22, P.												
34	Sun I, S.	9	59 8.06	− 0.16	+12.07	15 39 51.80	45.345	+ 6.26	+ 15.3	5 59 19.97	+68.91	+23 11 10.8	....
35	Sun II, N.	9	1 25.88	− 0.16	+12.07	15 7 51.95	46.625	+ 6.26	+ 14.8	6 1 37.79	−68.91	+23 42 41.5	....
36	ε Boötis	9	40 44.98	− 0.18	**+12.04**	11 23 49.30	43.350	+ 4.96	+ 11.2	14 40 56.83	.....	+27 28 4.1	....
37	α Libræ	9	45 33.68	− 0.27	**+12.01**	54 29 52.18	44.265	+ 4.98	+1 17.3	14 45 45.44	.....	−15 39 25.7	....
38	ξ^2 Libræ	8	51 33.02	− 0.25	**+11.93**	49 51 52.58	46.640	+ 5.00	+1 5.5	14 51 44.80	.....	−11 2 8.6	....
39	57 B. Ursæ Minoris	9	7 4.06	− 2.08	+12.03	311 17 47.52	42.343	+ 5.05	−1 2.6	15 7 14.01	.....	+87 35 42.2	....
40	Moon I, N.	9	19 1.32	− 0.27	+12.03	52 57 52.25	44.063	+ 5.10	+1 13.2	15 19 13.08	+70.20	−14 7 17.1	....
41	α Coronæ Borealis	9	30 34.72	− 0.18	**+12.01**	11 49 48.90	44.192	+ 5.13	+ 11.6	15 30 46.57	.....	+27 1 44.7	....
42	ζ Coronæ Borealis (*fol.*)	9	35 42.27	− 0.18	+12.03	1 55 49.25	43.012	+ 5.15	+ 1.9	15 35 54.12	− 1.61	+36 56 21.0	− 9.0
43	β Serpentis	9	41 43.45	− 0.20	**+12.06**	23 7 50.95	46.058	+ 5.18	+ 23.7	15 41 55.28	.....	+15 42 47.9	....
44	ε Serpentis	9	46 0.54	− 0.21	**+12.04**	34 5 51.15	43.718	+ 5.19	+ 37.5	15 46 12.36	.....	+ 4 45 27.4	....
45	ρ Scorpii	9	50 58.74	− 0.34	+12.03	67 45 53.38	44.930	+ 5.21	+2 14.7	15 51 10.43	− 1.98	−28 56 39.6	+ 3.3
46	r Herculis	9	56 53.36	− 0.20	+12.03	20 45 49.75	46.815	+ 5.23	+ 21.1	15 57 5.19	− 1.61	+18 4 34.3	− 5.5
47	151 H^1. Cephei S. P.	9	6 43.56	+ 1.26	+12.03	304 11 47.98	43.502	+ 5.26	−1 21.1	4 6 56.85	.....	+85 18 25.7	....
48	η Ursæ Minoris	9	20 5.47	− 0.44	+12.02	322 53 46.10	45.048	+ 5.31	− 41.8	16 20 17.05	.....	+75 58 21.1	....
49	35 B. Camelopardalis S. P.	9	36 2.65	+ 0.42	+12.02	294 39 45.82	44.775	+ 5.36	−1 59.8	4 36 15.09	.....	+75 46 14.2	....
50	20 Ophiuchi	9	44 31.39	− 0.25	+12.02	49 27 53.55	43.962	+ 5.40	+1 4.9	16 44 43.16	.....	−10 37 8.2	....
51	53 Herculis	9	49 16.41	− 0.18	+12.02	6 59 49.70	45.268	+ 5.42	+ 6.9	16 49 28.25	− 1.84	+31 51 23.7	− 6.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 16 38	29.98	75.4	75.2
19 8	29.97	71.8	70.7
19 37	......	....	70.5
19 52	......	....	71.0
20 17	29.96	71.0	71.0
20 31	......	....	70.0
20 50	......	....	69.1
21 10	......	....	68.8
21 32	29.96	69.0	67.8
4 23	30.06	82.0	82.5
22 6 1	30.04	85.2	85.2
14 37	30.025	78.0	77.0
14 59	......	....	76.0
15 37	30.01	76.0	75.0
16 3	......	....	74.5
16 26	......	....	73.6
16 43	......	....	73.0

Micrometer bisections are made at II, VI, except as noted below.

3.	Bisections at II, III.
4, 6, 49.	Bisections at III, IV, V.
8, 25, 26.	Bisections at III, IV.
11, 19, 21, 48.	Bisections at III, V.
28, 33.	Bisections at II, VI, VII.
34.	Bisections at I, II.
35.	Bisections at VI, VII.
39, 47.	Bisections at b_1, b_3, b_5, b_7, b_9.
40.	Bisections at II, III, IV, V, VI.

Notes.

28, 45. Hazy.
31. One microscope reading increased 10″.
38. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
33	+ 1.8	− 5.5	...	− 3.7
34	+ 2.3	+15 45.3	...	+15 47.6
35	+ 2.2	−15 45.3	...	−15 43.1
40	+47 46.7	−16 22.9	...	+31 23.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ε Herculis	9	56 33.80	− 0.18	+12.02	7 47 50.62	43.960	+ 5.44	+ 7.7	16 56 45.64	.....	+31 3 51.9	....
2	60 Herculis	9	0 53.80	− 0.20	+12.02	25 57 51.02	47.625	+ 5.46	+ 27.1	17 1 5.62	− 1.78	+12 52 8.3	− 4.7
3	η Ophiuchi	9	4 52.76	− 0.27	**+12.05**	54 25 51.05	47.355	+ 5.47	+1 17.7	17 5 4.51	.....	−15 36 36.0	....
4	α Herculis	9	10 14.32	− 0.20	**+12.09**	24 21 50.52	43.348	+ 5.49	+ 25.2	17 10 26.14	.....	+14 29 48.5	....
	June 23, P.												
5	ε Boötis	9	40 45.04	− 0.19	**+11.98**	11 23 50.25	43.278	+ 4.86	+ 11.2	14 40 56.84	.....	+27 28 4.9	....
6	α Libræ	9	45 33.70	− 0.27	**+11.98**	54 29 51.22	44.292	+ 4.86	+1 17.4	14 45 45.42	.....	−15 39 25.3	....
7	ξ² Libræ	9	51 32.96	− 0.25	**+11.99**	49 51 52.68	46.632	+ 4.86	+1 5.6	14 51 44.69	.....	−11 2 8.6	....
8	48 H. Cephei s. P.	9	8 14.69	+ 0.47	+11.98	296 17 47.02	42.127	+ 4.86	−1 51.0	3 8 27.14	.....	+77 23 23.1	....
9	η Coronæ Borealis	9	19 11.41	− 0.19	+11.98	8 13 49.70	44.925	+ 4.86	+ 8.1	15 19 23.20	.....	+30 37 30.9	....
10	32 Libræ	9	22 50.57	− 0.27	**+11.97**	55 13 53.15	44.670	+ 4.86	+1 19.7	15 23 2.28	.....	−16 23 38.2	....
11	θ Coronæ Borealis	9	29 0.44	− 0.19	+11.98	7 9 50.10	47.678	+ 4.86	+ 7.0	15 29 12.23	− 1.53	+31 40 28.7	− 8.4
12	θ Ursæ Minoris	9	34 1.87	− 0.52	+11.98	321 11 46.50	46.665	+ 4.86	− 44.4	15 34 13.33	− 3.98	+77 39 46.8	−13.9
13	β Serpentis	9	41 43.45	− 0.20	**+12.06**	23 7 51.48	46.045	+ 4.86	+ 23.7	15 41 55.23	.....	+15 42 48.0	....
14	χ Lupi	9	44 53.18	− 0.36	+11.98	72 9 53.78	43.618	+ 4.86	+2 50.7	15 45 4.80	− 2.06	−33 20 45.9	+ 4.4
15	ρ Scorpii	9	50 58.76	− 0.34	+11.98	67 45 51.98	44.995	+ 4.86	+2 15.0	15 51 10.40	− 1.98	−28 56 39.7	+ 3.3
16	49 Libræ	9	54 56.42	− 0.27	+11.98	55 5 52.40	44.718	+ 4.86	+1 19.4	15 55 8.13	.....	−16 15 38.2	....
17	θ Draconis	9	59 59.14	− 0.24	+11.98	340 3 48.65	42.400	+ 4.86	− 20.0	16 0 10.88	.....	+58 48 57.8	....
18	87 B. Draconis	9	5 55.12	− 0.31	+11.98	330 47 49.58	46.790	+ 4.86	− 30.9	16 6 6.79	.....	+68 3 27.4	....
19	σ² Coronæ Borealis	9	11 1.62	− 0.19	+11.98	4 45 50.40	44.420	+ 4.86	+ 4.7	16 11 13.41	.....	+34 5 45.1	....
20	σ Scorpii	9	15 22.29	− 0.31	+11.98	64 11 53.65	44.738	+ 4.86	+1 54.4	16 15 33.96	.....	−25 22 14.9	....
21	Moon I, N.	9	20 31.88	− 0.29	+11.98	57 3 52.28	43.497	+ 4.86	+1 25.6	16 20 43.57	+72.69	−18 13 16.4	....
22	ζ Ophiuchi	9	31 52.35	− 0.25	**+11.94**	49 13 53.08	43.045	+ 4.86	+1 4.4	16 32 4.08	.....	−10 22 45.7	....
23	114 B. Draconis	9	43 22.50	− 0.23	+11.98	341 53 49.65	47.438	+ 4.86	− 18.1	16 43 34.25	.....	+56 56 59.8	....
24	49 Herculis	9	47 40.73	− 0.20	+11.98	23 43 50.80	43.292	+ 4.86	+ 24.5	16 47 52.51	.....	+15 7 50.8	....
25	57 H¹. Camelopardalis s. P.	8	52 40.19	+ 0.37	+11.98	292 49 46.35	43.840	+ 4.86	−2 10.7	4 52 52.54	+ 3.19	+73 55 41.9	+ 9.3
26	d Herculis	9	58 0.38	− 0.19	+11.98	5 9 49.15	43.152	+ 4.86	+ 5.1	16 58 12.17	.....	+33 42 14.7	....
27	60 Herculis	9	0 53.83	− 0.21	+11.98	25 57 50.32	47.635	+ 4.86	+ 27.1	17 1 5.60	− 1.78	+12 52 9.2	− 4.9
28	η Ophiuchi	9	4 52.86	− 0.27	**+11.96**	54 25 51.08	47.368	+ 4.86	+1 17.8	17 5 4.57	.....	−15 36 35.9	....
	June 24, M.												
29	Sun I, N	9	7 27.09	− 0.22	+11.98	15 7 51.65	49.200	+ 5.17	+ 14.8	6 7 38.85	+68.92	+23 41 44.4	....
30	Sun II, S	9	9 44.93	− 0.22	+11.98	15 39 50.92	47.760	+ 5.17	+ 15.3	6 9 56.69	−68.92	+23 10 17.2	....
31	Mercury C, C.	9	58 16.81	− 0.17	+11.97	17 19 51.98	47.342	+ 5.28	+ 17.0	7 58 28.61	+ 0.12	+21 30 24.1	....
32	α Libræ	7	45 33.81	− 0.27	**+11.86**	54 29 51.75	44.342	+ 4.31	+1 16.5	14 45 45.47	.....	−15 39 25.5	....
33	β Ursæ Minoris	8	50 49.08	− 0.22	+11.93	324 19 47.40	44.842	+ 4.31	− 39.1	14 51 0.79	.....	+74 32 22.4	....
34	γ Scorpii	9	58 27.54	− 0.33	+11.93	63 43 52.50	47.265	+ 4.31	+1 50.5	14 58 39.14	.....	−24 55 7.2	....
35	3 Serpentis	9	10 23.64	− 0.20	+11.93	33 33 51.18	44.858	+ 4.31	+ 36.3	15 10 35.37	.....	+ 5 17 3.4	....
36	32 Libræ	9	22 50.64	− 0.28	**+11.91**	55 13 52.60	44.750	+ 4.31	+1 18.8	15 23 2.29	.....	−16 23 38.0	....
37	γ Libræ	9	30 9.37	− 0.27	**+11.94**	53 17 52.15	48.178	+ 4.31	+1 13.5	15 30 21.02	.....	−14 28 50.4	....
38	149 H¹. Cephei s. P.	6	35 52.17	+ 0.89	+11.92	305 13 46.22	45.227	+ 4.31	−1 17.2	3 36 4.98	+10.89	+86 21 6.2	+14.2
39	β Serpentis	9	41 43.49	− 0.18	**+11.99**	23 7 50.88	46.108	+ 4.31	+ 23.5	15 41 55.23	.....	+15 42 47.9	....
40	β¹ Scorpii	9	59 51.87	− 0.29	**+11.90**	58 21 51.80	48.320	+ 4.31	+1 29.0	16 0 3.50	.....	−19 33 8.7	....
41	φ Herculis	9	5 40.37	− 0.14	+11.92	353 39 49.72	47.320	+ 4.31	− 6.0	16 5 52.15	.....	+45 10 50.9	....
42	σ² Coronæ Borealis	9	11 1.74	− 0.14	+11.92	4 45 48.65	44.525	+ 4.31	+ 4.6	16 11 13.52	.....	+34 5 45.1	....
43	τ Herculis	8	16 46.87	− 0.14	+11.92	352 19 48.95	43.845	+ 4.31	− 7.3	16 16 58.65	.....	+46 32 12.3	....
44	λ Ophiuchi	9	26 3.35	− 0.21	**+11.93**	36 39 50.82	44.190	+ 4.31	+ 40.9	16 26 15.06	.....	+ 2 11 14.6	....
45	Moon I, N.	9	26 0.84	− 0.31	+11.92	59 55 52.05	48.120	+ 4.16	+1 34.9	17 26 12.45	+74.72	−21 7 11.8	....
46	Moon S.	.	.. ..	....	.....	60 29 53.15	47.423	+ 4.16	+1 37.0	.. ..	.....	−21 40 56.2	....
	June 24, Hl.												
47	σ Sagittarii	9	49 20.63	− 0.31	+11.85	65 13 53.88	45.732	+ 4.14	+1 59.2	18 49 32.17	.....	−26 24 41.7	....
48	ε Aquilæ	9	55 14.34	− 0.17	**+11.78**	23 53 51.00	46.772	+ 4.14	+ 24.5	18 55 26.02	.....	+14 56 31.8	....
49	τ Sagittarii	9	0 58.76	− 0.32	+11.85	66 37 53.25	44.412	+ 4.14	+2 7.2	19 1 10.29	− 2.08	−27 48 19.1	− 7.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 17 11	30.01	73.5	72.9
23 14 38	29.985	76.0	75.0
15 2	....	....	74.9
15 27	....	....	74.1
15 49	29.98	74.5	73.5
16 12	....	....	73.0
16 29	....	....	72.2
16 48	....	....	72.0
17 7	29.96	72.5	71.5
24 6 10	29.95	82.2	82.0
7 58	29.93	84.8	85.0
14 41	29.85	79.6	78.6
15 18	....	....	77.8
15 58	29.86	77.7	76.7
16 38	29.85	77.0	76.0
17 27	29.84	76.0	75.4
18 37	29.84	75.0	74.0
19 4	....	....	73.3

Micrometer bisections are made at II, VI, except as noted below.

7, 14, 26, 27, 30, 34.	Bisections at VI, VII.
8, 12, 25.	Bisections at III, IV, V.
17, 18, 23, 41, 43.	Bisections at III, V.
20.	Bisections at II, VII.
21.	Bisections at II, III, IV, V, VI.
29, 37, 40, 44, 47.	Bisections at I, II.
31.	Bisections at I, II, VI, VII.
38.	Bisections at b_1, b_2, b_3.
39.	Bisections at III, VI.
45.	Bisections at I, II, III.
46.	Bisections at V, VI, VII.

Notes.

1.	Hazy.
32, 38, 40, 43, 44.	Clouds.
49.	Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
21	+50 52.3	−16 35.2	...	+34 17.1
29	+ 2.2	−15 43.6	...	−15 41.4
30	+ 2.3	+15 43.5	...	+15 45.8
31	+ 3.0	− 0.3	...	+ 2.7
45	+52 53.5	−16 43.9	...	+36 9.6
46	+53 11.6	+16 43.9	− 1.5	+69 54.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	21 Aquilæ	9	8 51.52	− 0.19	+11.85	36 41 51.30	46.998	+ 4.14	+ 41.2	19 9 3.18	− 1.82	+ 2 8 9.6	− 5.3
2	θ Lyræ	9	12 58.77	− 0.13	+11.85	0 53 49.38	43.848	+ 4.14	+ 0.9	19 13 10.49	.....	+37 58 3.7	....
3	b Aquilæ	9	20 22.31	− 0.17	+11.85	27 5 50.32	46.040	+ 4.14	+ 28.3	19 20 33.99	.....	+11 44 45.4	....
4	6 Vulpeculæ	9	24 40.38	− 0.15	+11.85	14 21 50.72	47.065	+ 4.14	+ 14.2	19 24 52.08	.....	+24 28 35.6	....
5	ε Sagittæ	9	32 54.99	− 0.16	+11.85	22 35 49.75	45.000	+ 4.14	+ 23.0	19 33 6.68	− 1.81	+16 15 15.0	− 3.6
6	β Sagittæ	9	36 42.52	− 0.16	**+11.77**	21 35 49.12	44.002	+ 4.14	+ 21.9	19 36 54.21	.....	+17 15 39.6	....
7	ζ Sagittæ	9	44 41.09	− 0.16	+11.85	19 55 50.05	46.988	+ 4.14	+ 20.1	19 44 52.78	− 1.80	+18 54 31.9	− 3.0
8	φ Aquilæ	9	51 40.09	− 0.17	+11.85	27 39 50.28	46.345	+ 4.14	+ 29.0	19 51 51.77	− 1.75	+11 10 37.8	− 4.1
9	γ Sagittæ	9	54 27.41	− 0.16	**+11.82**	19 35 49.25	47.455	+ 4.14	+ 19.7	19 54 39.10	.....	+19 14 22.7	....
10	3 H. Ursæ Majoris s. p.	9	3 19.42	+ 0.21	+11.85	287 39 46.45	43.782	+ 4.14	−2 50.8	8 3 31.48	.....	+68 44 59.6	....
11	θ Aquilæ	9	6 20.47	− 0.20	**+11.87**	39 55 51.22	46.595	+ 4.14	+ 46.3	20 6 32.12	.....	− 1 5 46.2	....
12	β Capricorni	9	15 37.38	− 0.25	**+11.89**	53 53 51.15	46.988	+ 4.14	+1 15.8	20 15 48.98	.....	−15 4 24.5	....
13	π Capricorni	9	21 50.08	− 0.27	**+11.87**	57 19 51.20	47.795	+ 4.14	+1 26.2	20 22 1.66	.....	−18 30 53.4	....
14	41 Cygni	9	25 25.84	− 0.14	+11.84	8 47 48.88	45.120	+ 4.14	+ 8.6	20 25 37.54	− 1.81	+30 3 27.5	− 0.1
15	β Delphini	9	33 1.23	− 0.17	+11.84	24 33 51.08	47.342	+ 4.14	+ 25.4	20 33 12.90	.....	+14 16 17.8	....
16	α Delphini	8	35 9.09	− 0.17	**+11.87**	23 15 50.78	45.452	+ 4.14	+ 23.8	20 35 20.76	.....	+15 35 2.6	....
17	ε Aquarii	9	42 28.53	− 0.23	**+11.88**	48 40	......	....	.....	20 42 40.14	.....	− 9 50	....
18	μ Aquarii	9	47 28.27	− 0.23	**+11.87**	48 9 53.58	46.005	+ 4.14	+1 1.8	20 47 39.88	.....	− 9 19 50.5	....
19	ν Cygni	9	53 32.64	− 0.13	+11.84	358 1 49.95	48.200	+ 4.14	− 1.8	20 53 44.35	.....	+40 48 26.4	....
20	f¹ Cygni	9	56 30.16	− 0.13	+11.84	351 41 48.80	46.110	+ 4.14	− 8.0	20 56 41.87	− 2.06	+47 9 21.2	+ 4.3
21	Venus II, N	9	38 7.41	− 0.17	+11.86	17 39 51.30	46.758	+ 4.91	+ 17.3	4 38 19.10	− 0.39	+21 10 38.2	....
	June 25, Hl.												
22	Sun I, N	8	11 36.70	− 0.18	+11.86	15 9 50.30	46.765	+ 4.90	+ 14.7	6 11 48.38	+68.86	+23 40 41.8	....
23	Sun II, S	9	13 54.42	− 0.18	+11.86	15 41 50.68	45.405	+ 4.90	+ 15.2	6 14 6.10	−68.86	+23 9 11.6	....
	June 25, P.												
24	Moon N	.	.. ..	....	.....	61 15 55.98	44.625	+ 1.72	+1 39.7	.. ..	.....	−22 25 57.0	....
25	Moon II, S	9	36 39.73	− 0.36	+11.86	61 49 55.40	43.852	+ 1.72	+1 42.0	18 36 51.23	−75.63	−22 59 40.7	....
26	δ Sagittæ	8	43 4.65	− 0.20	**+11.87**	20 31 52.70	47.575	+ 2.14	+ 20.6	19 43 16.31	.....	+18 18 17.8	....
27	θ Aquilæ	9	6 20.54	− 0.24	**+11.86**	39 55 53.68	46.592	+ 2.14	+ 46.0	20 6 32.16	.....	− 1 5 46.2	....
28	β Capricorni	9	15 37.47	− 0.29	**+11.86**	53 53 55.28	46.950	+ 2.14	+1 15.2	20 15 49.04	.....	−15 4 25.1	....
29	π Capricorni	9	21 50.16	− 0.30	**+11.85**	57 19 54.30	47.785	+ 2.14	+1 25.5	20 22 1.72	.....	−18 30 53.6	....
30	ε Delphini	9	28 36.24	− 0.21	**+11.88**	27 51 53.90	44.665	+ 2.14	+ 29.1	20 28 47.89	.....	+10 59 14.4	....
31	α Delphini	9	35 9.17	− 0.20	**+11.85**	23 15 53.28	45.438	+ 2.14	+ 23.6	20 35 20.83	.....	+15 35 2.9	....
32	ε Aquarii	8	42 28.66	− 0.26	**+11.81**	48 39 54.58	46.690	+ 2.14	+1 2.4	20 42 40.26	.....	− 9 50 5.8	....
33	19 Capricorni	8	49 22.72	− 0.30	+11.86	57 5 54.12	46.548	+ 2.14	+1 24.8	20 49 34.28	− 1.63	−18 16 24.4	−10.1
34	f¹ Cygni	9	56 30.18	− 0.17	+11.86	351 41 51.68	46.055	+ 2.14	− 7.9	20 56 41.87	− 2.08	+47 9 21.8	+ 4.0
35	η Capricorni	8	58 56.92	− 0.31	+11.86	59 1 54.10	48.385	+ 2.14	+1 31.5	20 59 8.47	− 1.59	−20 13 13.2	−10.7
36	γ Equulei	9	5 39.09	− 0.21	+11.86	29 5 52.92	44.092	+ 2.14	+ 30.6	21 5 50.74	− 1.54	+ 9 45 27.0	− 3.6
37	σ Cygni	9	13 35.86	− 0.17	+11.86	359 51 51.08	43.580	+ 2.14	− 0.1	21 13 47.55	.....	+39 0 11.1	....
38	69 Cygni	9	21 49.06	− 0.17	+11.86	2 35 52.22	44.308	+ 2.14	+ 2.6	21 22 0.75	− 1.73	+36 15 50.7	+ 3.0
39	β Aquarii	9	26 29.65	− 0.25	**+11.89**	44 47 55.20	48.695	+ 2.14	+ 54.7	21 26 41.26	.....	− 5 58 44.5	....
	June 26, P.												
40	Sun I, N	9	15 45.96	− 0.17	+11.76	15 11 54.35	45.410	+ 2.16	+ 14.6	6 15 57.55	+68.86	+23 39 11.5	....
41	Sun II, S	8	18 3.68	− 0.17	+11.76	15 43 54.98	44.090	+ 2.16	+ 15.1	6 18 15.27	−68.86	+23 7 40.2	....
	June 26, Hl.												
42	Mars I, C	5	11 39.06	− 0.32	+11.65	65 57 56.88	53.416	+ 2.18	+2 4.6	19 11 50.39	+ 0.87	−27 10 8.7	....
43	Mars II	5	11 40.81	− 0.32	+11.65	... .	......	....	.....	19 11 52.14	− 0.88	.. ..	....
44	e Aquilæ	9	25 38.42	− 0.20	+11.65	41 49 54.02	44.150	+ 2.18	+ 49.9	19 25 49.87	− 1.84	− 2 58 54.7	− 6.3
45	μ Aquilæ	9	29 23.17	− 0.17	**+11.65**	31 39 54.30	45.230	+ 2.18	+ 34.4	19 29 34.65	.....	+ 7 10 55.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 19 17	......	....	73.1
19 29	......	....	73.0
19 37	29.83	73.8	....
19 58	......	....	72.6
20 19	......	....	72.1
20 40	......	....	71.9
21 2	29.83	72.8	71.9
4 38	29.87	83.5	82.9
25 6 14	29.85	85.8	85.0
18 42	29.74	76.0	75.2
19 39	29.72	75.2	74.3
20 32	......	....	74.0
20 48	29.70	74.5	73.7
21 10	......	....	72.6
21 37	29.685	73.1	72.1
26 6 18	29.64	86.1	86.0
19 2	29.72	69.0	67.3
19 17	......	....	66.3
19 34	......	....	65.9

Micrometer bisections are made at II, VI, except as noted below.

16, 20, 23, 35, 41. Bisections at VI, VII.
21, 42. Bisections at I, II, VI, VII.
22, 26, 40. Bisections at I, II.
24. Bisections at I, II, III.
25. Bisections at V, VI, VII.
28. Bisections at I, II, VI.
37. Bisections at IV, VI.
42. Z. D. threads C used.

Notes.

10. Faint; clouds.
16, 17. Faint.
26, 27, 39. Clouds.
39. Micrometer reading increased 5 rev.
42–45. Conditions very poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
21	+ 1.7	− 5.5	...	− 3.8
22	+ 2.2	−15 45.0	...	−15 42.8
23	+ 2.3	+15 45.1	...	+15 47.4
24	+53 42.0	−16 43.3	...	+36 58.7
25	+53 59.6	+16 43.3	− 0.5	+70 42.4
40	+ 2.3	−15 45.6	...	−15 43.3
41	+ 2.3	+15 45.7	...	+15 48.0
42	+ 18.8	.. ....	0.0	+ 18.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon II, N.	9	45 4.81	− 0.29	+11.65	60 47 55.35	45.987	+ 2.18	+1 39.7	19 45 16.17	−75.07	−21 58 27.8	....
2	φ Aquilæ	9	51 40.31	− 0.16	+11.65	27 39 53.08	46.253	+ 2.18	+ 29.3	19 51 51.80	− 1.79	+11 10 38.6	− 4.5
3	63 Sagittarii	9	56 36.50	− 0.23	+11.65	52 43 54.10	44.870	+ 2.18	+1 13.4	19 56 47.92	− 1.82	−13 53 34.7	− 8.2
4	θ Aquilæ	9	6 20.75	− 0.18	**+11.61**	39 55 53.60	46.525	+ 2.18	+ 46.8	20 6 32.22	.....	− 1 5 45.5	....
5	o¹ Cygni	9	10 32.84	− 0.09	+11.65	352 23 51.18	45.730	+ 2.18	− 7.4	20 10 44.40	.....	+46 27 29.1	....
6	β Capricorni	9	15 37.63	− 0.23	**+11.66**	53 53 54.75	46.888	+ 2.18	+1 16.6	20 15 49.05	.....	−15 4 24.7	....
7	40 Cygni	9	23 57.91	− 0.10	+11.65	0 43 51.85	43.935	+ 2.18	+ 0.8	20 24 9.46	− 1.99	+38 8 1.3	+ 0.6
8	θ Cephei	9	27 52.92	− 0.09	+11.65	336 11 50.52	43.082	+ 2.18	− 24.6	20 28 4.48	.....	+62 40 47.4	....
9	ε Aquarii	9	42 28.75	− 0.21	**+11.69**	48 39 54.35	46.605	+ 2.18	+1 3.5	20 42 40.19	.....	− 9 50 4.7	....
10	μ Aquarii	9	47 28.51	− 0.20	**+11.65**	48 9 54.45	46.015	+ 2.18	+1 2.4	20 47 39.96	.....	− 9 19 50.2	....
11	θ Capricorni	9	0 33.46	− 0.23	**+11.63**	56 25 53.85	45.500	+ 2.18	+1 24.1	21 0 44.88	.....	−17 35 59.7	....
12	98 B. Cephei	9	7 16.27	− 0.10	+11.65	321 7 50.02	43.932	+ 2.18	− 44.9	21 7 27.82	.....	+77 44 48.8	....
	June 27, Hl.												
13	57 B. Ursæ Minoris	8	6 59.75	− 0.25	+11.65	311 17 48.08	42.297	+ 4.30	−1 2.6	15 7 11.13	.....	+87 35 43.2	....
14	32 Libræ	9	22 50.94	− 0.23	**+11.55**	55 13 54.20	44.625	+ 4.30	+1 19.7	15 23 2.36	.....	−16 23 37.6	....
15	γ Libræ	9	30 9.64	− 0.22	**+11.61**	53 17 54.85	47.985	+ 4.30	+1 14.3	15 30 21.07	.....	−14 28 49.7	....
16	ι Serpentis	9	37 14.28	− 0.12	+11.65	18 51 52.12	47.670	+ 4.30	+ 19.0	15 37 25.81	− 1.51	+19 58 15.5	− 6.6
17	β Serpentis	9	41 43.76	− 0.13	**+11.66**	23 7 55.20	45.840	+ 4.30	+ 23.7	15 41 55.28	.....	+15 42 49.5	....
18	λ Libræ	9	47 46.56	− 0.25	+11.65	58 43 53.15	43.640	+ 4.30	+1 31.2	15 47 57.96	.....	−19 53 25.6	....
19	τ Herculis	9	56 53.65	− 0.12	+11.64	20 45 51.30	46.730	+ 4.30	+ 21.1	15 57 5.17	− 1.59	+18 4 35.7	− 6.3
20	151 H¹. Cephei s. p.	9	6 46.28	+ 0.17	+11.64	304 11 49.08	43.395	+ 4.30	−1 21.3	4 6 58.09	.....	+85 18 23.1	....
21	λ Ophiuchi	9	26 3.64	− 0.16	**+11.59**	36 39 52.45	44.030	+ 4.30	+ 41.4	16 26 15.12	.....	+ 2 11 16.0	....
22	σ Herculis	9	30 56.68	− 0.07	+11.64	356 13 51.15	44.555	+ 4.30	− 3.6	16 31 8.25	.....	+42 37 50.1	....
23	114 B. Draconis	9	43 22.70	− 0.05	+11.64	341 53 49.28	47.430	+ 4.30	− 18.0	16 43 34.29	.....	+56 57 0.6	....
24	η Ophiuchi	9	4 53.21	− 0.23	**+11.59**	54 25 52.78	47.320	+ 4.30	+1 17.7	17 5 4.62	.....	−15 36 35.8	....
25	α Herculis	9	10 14.75	− 0.13	**+11.61**	24 21 52.52	43.260	+ 4.30	+ 25.2	17 10 26.26	.....	+14 29 49.7	....
	June 27, P.												
26	μ Aquilæ	9	29 23.12	− 0.12	**+11.67**	31 39 51.00	45.207	+ 5.02	+ 34.6	19 29 34.64	.....	+ 7 10 56.5	....
27	β Sagittæ	9	36 42.69	− 0.10	**+11.59**	21 35 50.65	43.840	+ 5.02	+ 22.2	19 36 54.23	.....	+17 15 40.5	....
28	δ Sagittæ	9	43 4.74	− 0.09	**+11.70**	20 31 50.50	47.462	+ 5.02	+ 21.1	19 43 16.29	.....	+18 18 19.0	....
29	ε Draconis	9	48 21.90	+ 0.05	+11.64	328 49 48.55	45.995	+ 5.02	− 33.8	19 48 33.59	.....	+70 1 49.3	....
30	ψ Cygni	9	53 4.40	0.00	+11.64	346 39 50.32	45.968	+ 5.02	− 13.2	19 53 16.04	.....	+52 11 27.6	....
31	15 Vulpeculæ	9	57 6.51	− 0.06	+11.63	11 21 51.60	43.992	+ 5.02	+ 11.3	19 57 18.08	− 1.91	+27 29 46.8	− 2.3
32	20 Vulpeculæ	9	7 56.93	− 0.07	+11.63	12 37 51.35	48.435	+ 5.02	+ 12.7	20 8 8.49	− 1.87	+26 12 4.3	− 2.2
33	κ Cephei	9	11 56.00	+ 0.09	+11.63	321 25 47.52	46.500	+ 5.02	− 44.7	20 12 7.72	.....	+77 25 49.7	....
34	296 G. Sagittarii	9	19 35.86	− 0.31	+11.63	67 45 54.58	47.648	+ 5.02	+2 17.2	20 19 47.18	− 1.91	−28 57 45.3	−11.2
35	40 Cygni	9	23 57.87	− 0.03	+11.63	0 43 52.60	43.772	+ 5.02	+ 0.8	20 24 9.47	− 2.01	+38 8 1.5	+ 0.3
36	181 B. Camelopardalis s. p.	9	29 8.02	− 0.01	+11.63	292 51 48.00	43.145	+ 5.02	−2 12.2	8 29 19.64	+ 3.56	+73 57 26.4	− 5.1
37	α Cygni	9	38 6.23	− 0.02	+11.63	353 55 50.15	42.190	+ 5.02	− 5.9	20 38 17.84	.....	+44 56 46.9	....
38	ε Aquarii	9	42 28.77	− 0.19	**+11.68**	48 39 54.38	46.515	+ 5.02	+1 4.0	20 42 40.21	.....	− 9 50 6.0	....
39	Moon II, N.	9	51 16.79	− 0.25	+11.63	58 39 53.02	46.685	+ 5.02	+1 32.2	20 51 28.17	−73.22	−19 50 36.8	....
40	θ Capricorni	9	0 33.41	− 0.23	**+11.71**	56 25 52.48	45.500	+ 5.02	+1 24.6	21 0 44.81	.....	−17 36 1.3	....
41	f² Cygni	9	3 14.33	− 0.01	+11.63	351 35 50.88	43.335	+ 5.02	− 8.2	21 3 25.95	− 2.10	+47 16 22.3	+ 3.7
42	ζ Cygni	9	8 48.83	− 0.06	**+11.64**	8 59 51.88	46.950	+ 5.02	+ 9.0	21 9 0.40	.....	+29 50 41.2	....
43	4 Piscis Australis	9	12 8.48	− 0.34	+11.63	71 21 55.80	45.705	+ 5.02	+2 45.3	21 12 19.77	.....	−32 33 30.2	....
44	1 Pegasi	9	17 37.18	− 0.09	**+11.65**	19 25 52.02	47.298	+ 5.02	+ 19.9	21 17 48.72	.....	+19 24 22.4	....
45	69 Cygni	9	21 49.13	− 0.04	+11.63	2 35 51.40	44.185	+ 5.02	+ 2.6	21 22 0.72	− 1.78	+36 15 51.5	+ 2.4
46	g Cygni	9	25 51.31	− 0.01	+11.63	352 43 50.60	45.070	+ 5.02	− 7.1	21 26 2.93	− 1.97	+46 7 41.8	+ 4.6
47	ξ Aquarii	9	32 38.13	− 0.18	**+11.65**	47 5 53.65	46.908	+ 5.02	+1 0.5	21 32 49.58	.....	− 8 16 10.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 19 36	29.71	67.3	....
19 48	......	....	65.0
20 1	......	....	65.1
20 21	......	....	64.2
20 34	29.685	66.0	64.8
20 51	......	....	64.7
21 17	29.68	65.8	64.3
27 14 52	29.765	73.0	73.5
15 17	......	....	71.0
15 34	......	....	70.1
15 52	......	....	69.8
16 15	29.785	70.2	69.2
16 36	......	....	69.9
17 0	......	....	69.8
17 16	29.785	69.8	69.0
19 26	29.765	66.0	65.0
20 3	......	....	62.7
20 13	......	....	62.0
20 31	29.755	63.5	62.0
20 52	......	....	63.0
21 13	......	....	63.6
21 30	......	....	63.5

Micrometer bisections are made at II, VI, except as noted below.

1, 39.	Bisections at II, III, IV, V, VI.
2, 26.	Bisections at II, VI, VII.
3, 18.	Bisections at II, VII.
11, 31, 42.	Bisections at VI, VII.
12, 29, 30, 37, 41, 46.	Bisections at III, V.
13, 20, 36.	Bisections at III, IV, V.
33.	Bisections at IV, V.
40.	Bisections at I, II.

Notes.

1–12.	Conditions very poor.
3.	Very unsteady.
9.	Faint.
10.	Micrometer reading decreased 2 rev.
10, 20.	Clouds.
43, 47.	One microscope reading decreased 10″.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+53 15.7	−16 41.6	...	+36 34.1
39	+51 38.9	−16 32.5	...	+35 6.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	κ Capricorni	9	37 18.08	− 0.24	+11.63	58 7 52.82	43.198	+ 5.02	+1 30.3	21 37 29.47	− 1.45	−19 17 15.0	−11.3
2	λ Capricorni	8	41 21.78	− 0.20	+11.63	50 37 53.78	44.958	+ 5.02	+1 8.6	21 41 33.21	− 1.41	−11 47 34.5	− 9.4
3	μ Capricorni	9	48 3.56	− 0.21	+**11.66**	52 49 52.18	43.905	+ 5.02	+1 14.3	21 48 14.98	.....	−13 59 14.2	....
4	13 Cephei	9	51 36.00	+ 0.01	+11.63	342 41 49.95	44.560	+ 5.02	− 17.5	21 51 47.64	− 2.19	+56 10 4.5	+ 7.8
5	134 G. Capricorni	9	53 22.69	− 0.25	+11.63	60 27 53.65	43.248	+ 5.02	+1 39.3	21 53 34.07	− 1.40	−21 37 26.1	−13.7
6	Venus II, C	9	53 34.88	− 0.11	+11.62	17 5 52.38	45.599	+ 5.31	+ 16.9	4 53 46.39	− 0.39	+21 45 3.6	....
	June 28, P.												
7	Sun I, S	9	24 4.06	− 0.11	+11.62	15 47 52.85	44.565	+ 4.67	+ 15.4	6 24 15.57	+68.83	+23 3 29.0	....
8	Sun II, N	9	26 21.71	− 0.11	+11.62	15 15 51.58	45.930	+ 4.67	+ 14.9	6 26 33.22	−68.82	+23 34 59.3	....
	June 30, P.												
[illegible]	Mars I, C	5	7 8.40	− 0.32	+11.42	66 21 54.35	48.519	+ 5.01	+2 7.4	19 7 19.50	+ 0.87	−27 32 19.9	....
10	Mars II	5	7 10.15	− 0.32	+11.42	... .	......	....	. ....	19 7 21.25	− 0.88	.. ..	....
11	269 G. Sagittarii	9	58 4.58	− 0.28	+11.42	61 39 55.30	47.850	+ 5.01	+1 44.2	19 58 15.72	− 1.98	−22 51 17.6	− 9.6
12	θ Aquilæ	9	6 21.07	− 0.16	+**11.35**	39 55 53.82	46.355	+ 5.01	+ 47.2	20 6 32.32	.....	− 1 5 45.0	....
13	α^2 Capricorni	9	12 44.42	− 0.22	+**11.41**	51 39 54.20	45.635	+ 5.01	+1 11.2	20 12 55.61	.....	−12 49 52.9	....
14	176 B. Cygni	9	16 43.71	0.00	+11.41	359 45 51.52	42.488	+ 5.01	− 0.2	20 16 55.12	− 2.10	+39 6 33.0	− 0.7
15	π Capricorni	9	21 50.64	− 0.25	+**11.43**	57 19 56.30	47.440	+ 5.01	+1 27.8	20 22 1.80	.....	−18 30 53.0	....
16	42 Cygni	9	25 38.20	− 0.01	+11.41	2 43 51.95	42.155	+ 5.01	+ 2.7	20 25 49.60	− 2.02	+36 8 37.2	− 0.8
17	ζ Delphini	9	30 48.11	− 0.10	+11.41	24 29 54.68	44.685	+ 5.01	+ 25.7	20 30 59.42	− 1.78	+14 21 13.5	− 4.2
18	κ Delphini	9	34 27.23	− 0.12	+11.41	29 3 55.05	48.795	+ 5.01	+ 31.4	20 34 38.52	− 1.75	+ 9 45 33.6	− 5.0
19	δ Delphini	9	38 57.49	− 0.10	+11.41	24 7 53.18	41.508	+ 5.01	+ 25.2	20 39 8.80	− 1.76	+14 44 28.3	− 4.0
20	6 H. Cephei	8	42 53.96	+ 0.08	+11.41	341 37 52.45	42.980	+ 5.01	− 18.6	20 43 5.45	− 2.66	+57 14 38.7	+ 3.1
21	19 Capricorni	9	49 23.24	− 0.25	+11.41	57 5 54.55	46.332	+ 5.01	+1 26.9	20 49 34.40	− 1.75	−18 16 24.9	−10.4
22	ν Cygni	9	53 32.98	+ 0.01	+11.41	358 1 53.38	47.960	+ 5.01	− 1.9	20 53 44.40	.....	+40 48 27.8	....
23	θ Capricorni	9	0 33.81	− 0.25	+**11.41**	56 25 53.20	45.420	+ 5.01	+1 24.7	21 0 44.97	.....	−17 36 0.5	....
24	f^2 Cygni	7	3 14.67	+ 0.03	+11.41	351 35 50.35	43.360	+ 5.01	− 8.3	21 3 26.11	− 2.17	+47 16 22.3	+ 2.8
25	ζ Cygni	9	8 49.11	− 0.04	+**11.41**	8 59 51.82	46.940	+ 5.01	+ 9.0	21 9 0.48	.....	+29 50 41.7	....
26	σ Cygni	9	13 36.29	0.00	+11.41	359 51 52.82	43.308	+ 5.01	− 0.1	21 13 47.70	.....	+39 0 12.8	....
27	B. A. C. 7504	7	18 19.21	+ 1.18	+11.41	312 13 49.40	43.993	+ 5.01	−1 1.8	21 18 31.80	.....	+86 39 2.0	....
28	g Cygni	9	25 51.69	+ 0.03	+11.41	352 43 51.60	44.995	+ 5.01	− 7.1	21 26 3.13	− 2.05	+46 7 42.5	+ 3.8
29	72 Cygni	9	30 48.98	0.00	+11.41	0 43 53.50	46.598	+ 5.01	+ 0.8	21 31 0.39	− 1.85	+38 6 56.0	+ 2.4
30	13 H. Cephei	9	35 55.41	+ 0.08	+11.41	341 47 51.55	44.880	+ 5.01	− 18.4	21 36 6.90	− 2.42	+57 3 56.5	+ 6.2
31	λ Capricorni	9	41 22.09	− 0.21	+11.41	50 37 54.50	44.935	+ 5.01	+1 8.7	21 41 33.29	− 1.49	−11 47 34.7	− 9.8
32	μ Capricorni	9	48 3.97	− 0.23	+**11.36**	52 49 53.70	43.818	+ 5.01	+1 14.3	21 48 15.15	.....	−13 59 14.0	....
33	134 G. Capricorni	9	53 23.01	− 0.28	+11.41	60 27 55.92	43.158	+ 5.01	+1 39.3	21 53 34.14	− 1.46	−21 37 26.1	−12.4
34	ο Aquarii	9	58 20.46	− 0.17	+11.41	41 25 53.00	47.375	+ 5.01	+ 49.8	21 58 31.70	− 1.41	− 2 36 10.1	− 7.3
35	ι Pegasi	9	2 31.04	− 0.06	+**11.46**	13 57 52.70	44.775	+ 5.01	+ 14.1	22 2 42.39	.....	+24 53 25.4	....
36	θ Pegasi	8	5 20.64	− 0.13	+**11.46**	33 5 54.18	46.222	+ 5.01	+ 36.8	22 5 31.92	.....	+ 5 44 28.0	....
37	Moon II, N	9	45 47.70	− 0.19	+11.40	45 55 54.62	42.403	+ 5.60	+ 58.3	23 45 58.91	−66.00	− 7 4 27.2	....
38	Venus II, C	9	9 10.46	− 0.03	+11.37	16 35 52.38	47.942	+ 5.14	+ 16.4	5 9 21.80	− 0.39	+22 14 10.7	....
	July 1, P.												
39	Sun I, N	9	36 30.48	− 0.13	+11.37	15 25 54.35	44.258	+ 4.62	+ 15.1	6 36 41.72	+68.74	+23 25 34.9	....
40	Sun II, S	9	38 47.96	− 0.13	+11.37	15 57 55.25	42.938	+ 4.62	+ 15.6	6 38 59.20	−68.74	+22 54 3.4	....
41	Mercury I, C	8	23 25.23	− 0.17	+11.36	20 1 55.45	45.195	+ 3.64	+ 19.8	8 23 36.42	+ 0.31	+18 49 8.5	....
	July 2, P.												
42	Moon II, N	9	26 25.67	− 0.19	+11.21	35 49 52.45	44.754	+ 4.52	+ 40.7	1 26 36.69	−63.52	+ 3 0 59.9	....
	July 3, P.												
43	Sun I	9	44 47.06	− 0.13	+11.19	15 50	......	....	. ....	6 44 58.12	+68.58	.. ..	....
44	Sun II	9	47 4.23	− 0.13	+11.19	... .	......	....	. ....	6 47 15.29	−68.59	.. ..	....
45	151 H^1. Cephei s. p.	9	6 48.22	− 0.67	+11.15	304 11 50.02	43.363	+ 4.30	−1 22.0	4 6 58.70	.....	+85 18 22.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 21 55	29.76	62.9	60.9
4 54	29.82	78.0	78.0
28 6 26	29.82	80.4	81.3
30 19 4	29.76	65.0	65.0
19 57	29.77	63.2	62.4
20 26	......	....	61.9
20 40	......	....	61.9
[illegible] 58	29.76	62.5	62.4
21 27	......	....	62.0
21 36	......	....	62.0
21 54	......	....	61.5
[illegible] 7	29.77	62.0	61.0
23 46	29.78	62.0	61.1
5 9	29.825	77.0	78.2
1 6 39	29.80	79.3	80.7
8 23	29.775	82.0	82.4
2 1 27	29.82	65.1	63.5
3 16 0	29.90	68.0	67.1

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at II, VI, VII.
3, 7, 35, 39.	Bisections at I, II.
4, 14, 22, 26, 30.	Bisections at III, V.
5, 8, 15, 17, 18, 20, 40.	Bisections at VI, VII.
6, 9, 38, 41.	Bisections at I, II, VI, VII.
9.	Z. D. threads C used.
24, 28.	Bisections at IV, V.
27.	Bisections at b_3, b_7, b_9.
37, 42.	Bisections at II, III, IV, V, VI.
45.	Bisections at b_1, b_3, b_5, b_7, b_9.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 1.6	.. ....	0.0	+ 1.6
7	+ 2.3	+15 45.1	...	+15 47.4
8	+ 2.3	−15 45.2	...	−15 42.9
9	+ 19.2	....	0.0	+ 19.2
37	+41 28.7	−15 48.7	...	+25 40.0
38	+ 1.5	....	0.0	+ 1.5
39	+ 2.3	−15 45.7	...	−15 43.4
40	+ 2.4	+15 45.7	...	+15 48.1
41	+ 3.9	....	− 0.6	+ 3.3
42	+32 45.2	−15 20.1	...	+17 25.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Herculis	9	17 39.66	− 0.12	**+11.16**	19 27 53.20	47.290	+ 4.30	+ 19.9	16 17 50.68	.....	+19 22 22.2	....
2	98 B. Draconis	9	22 14.24	+ 0.02	+11.14	343 25 49.92	46.938	+ 4.30	− 16.6	16 22 25.40	− 2.07	+55 25 10.0	−12.5
3	B. D.+77°625	9	26 11.33	+ 0.21	+11.14	321 31 48.88	44.532	+ 4.30	− 44.3	16 26 22.67	− 4.22	+77 20 33.6	−13.6
4	ζ Ophiuchi	9	31 53.19	− 0.23	**+11.09**	49 13 55.60	42.918	+ 4.30	+1 4.9	16 32 4.10	.....	−10 22 45.2	....
5	24 Scorpii	9	36 2.66	− 0.27	+11.14	56 23 53.80	44.862	+ 4.30	+1 24.2	16 36 13.53	− 1.93	−17 33 47.1	− 0.8
6	114 B. Draconis	9	43 23.05	+ 0.03	+11.14	341 53 51.00	47.305	+ 4.30	− 18.2	16 43 34.22	.....	+56 57 2.1	....
7	49 Herculis	9	47 41.48	− 0.13	+11.14	23 43 53.28	43.118	+ 4.30	+ 24.7	16 47 52.49	.....	+15 7 52.7	....
8	B. D.+31°2927	9	50 8.88	− 0.07	+11.14	7 31 53.00	46.995	+ 4.30	+ 7.5	16 50 19.95	− 1.81	+31 18 41.5	− 9.0
9	d Herculis	9	58 1.11	− 0.06	+11.14	5 9 51.60	42.980	+ 4.30	+ 5.1	16 58 12.19	.....	+33 42 16.8	....
10	η Ophiuchi	9	4 53.71	− 0.26	**+11.13**	54 25 53.82	47.272	+ 4.30	+1 18.3	17 5 4.59	.....	−15 36 36.4	....
11	e Herculis	9	14 18.69	− 0.05	+11.14	1 27 52.50	45.310	+ 4.30	+ 1.5	17 14 29.78	− 1.96	+37 23 26.4	− 9.1
12	σ Ophiuchi	9	21 44.91	− 0.17	**+11.14**	34 37 54.45	43.950	+ 4.30	+ 38.7	17 21 55.88	.....	+ 4 13 18.5	....
13	51 Ophiuchi	9	25 35.75	− 0.32	+11.14	62 41 55.18	48.138	+ 4.30	+1 48.4	17 25 46.57	− 2.14	−23 53 27.6	− 2.3
14	B. D.+48°2534	9	31 28.14	− 0.01	+11.14	350 39 50.72	43.702	+ 4.30	− 9.2	17 31 39.27	− 2.22	+48 12 15.7	− 9.2
15	o Serpentis	9	36 2.34	− 0.25	+11.14	51 39 53.65	44.755	+ 4.30	+1 10.8	17 36 13.23	− 2.01	−12 49 31.1	− 4.0
16	μ Herculis	9	42 40.04	− 0.08	**+11.10**	11 5 51.28	41.928	+ 4.30	+ 11.0	17 42 51.10	.....	+27 46 35.5	....
17	z Herculis	9	47 28.53	− 0.01	+11.14	350 25 50.50	46.362	+ 4.30	− 9.4	17 47 39.66	− 2.29	+48 25 16.4	− 8.4
18	ξ Draconis	9	51 46.77	+ 0.02	+11.14	341 57 50.85	46.552	+ 4.30	− 18.2	17 51 57.93	.....	+56 53 19.5	....
19	δ Ursæ Minoris	9	2 23.11	+ 0.90	+11.14	312 15 48.82	44.263	+ 4.30	−1 1.5	18 2 35.15	.....	+86 36 56.8	....
20	446 B. Herculis	9	18 6.87	− 0.10	+11.14	15 35 51.52	47.608	+ 4.30	+ 15.7	18 18 17.91	− 1.97	+23 14 20.8	− 6.6
21	Mars I, C	5	3 27.65	− 0.34	+11.13	66 35 53.75	52.772	+ 4.30	+2 9.4	19 3 38.44	+ 0.95	−27 47 57.7	....
22	Mars II	5	3 29.56	− 0.34	+11.13	... .	......	....	. ....	19 3 40.35	− 0.96	.. ..	....
23	δ Draconis	9	12 24.82	+ 0.10	+11.13	331 21 49.78	45.630	+ 4.30	− 30.6	19 12 36.05	.....	+67 29 54.0	....
24	b Aquilæ	9	20 23.11	− 0.13	+11.13	27 5 52.75	45.850	+ 4.30	+ 28.8	19 20 34.11	.....	+11 44 46.7	....
25	β Cygni	9	26 49.19	− 0.07	**+11.18**	11 5 51.50	43.690	+ 4.30	+ 11.1	19 27 0.25	.....	+27 45 54.9	....
26	μ Aquilæ	9	29 23.75	− 0.14	**+11.15**	31 39 51.58	45.182	+ 4.30	+ 34.7	19 29 34.74	.....	+ 7 10 57.2	....
27	e Sagittarii	9	37 3.20	− 0.25	+11.13	55 9 53.65	46.702	+ 4.30	+1 20.8	19 37 14.08	− 2.01	−16 20 25.7	− 8.3
28	θ Aquilæ	9	6 21.39	− 0.18	**+11.10**	39 55 55.02	46.330	+ 4.30	+ 47.1	20 6 32.34	.....	− 1 5 44.9	....
29	176 B. Cygni	9	16 44.08	− 0.03	+11.13	359 45 50.80	42.508	+ 4.30	− 0.2	20 16 55.18	− 2.16	+39 6 33.9	− 1.6
30	κ Capricorni	9	21 50.98	− 0.27	**+11.18**	57 19 54.92	47.530	+ 4.30	+1 27.6	20 22 1.84	.....	−18 30 52.6	....
31	42 Cygni	9	25 38.58	− 0.04	+11.13	2 43 52.32	42.105	+ 4.30	+ 2.7	20 25 49.67	− 2.08	+36 8 38.4	− 1.6
32	ζ Delphini	9	30 48.45	− 0.12	+11.13	24 29 52.70	44.790	+ 4.30	+ 25.7	20 30 59.46	− 1.84	+14 21 14.0	− 4.9
33	δ Delphini	9	38 57.87	− 0.12	+11.13	24 7 53.38	41.472	+ 4.30	+ 25.2	20 39 8.88	− 1.82	+14 44 29.7	− 4.6
34	η Cephei	9	43 15.90	+ 0.06	+11.13	337 21 49.38	48.810	+ 4.30	− 23.3	20 43 27.09	.....	+61 28 34.4	....
35	19 Capricorni	9	49 23.62	− 0.27	+11.13	57 5 53.85	46.345	+ 4.30	+1 26.9	20 49 34.48	− 1.82	−18 16 23.8	−10.6
36	ν Cygni	9	53 33.39	− 0.02	+11.13	358 1 52.98	47.972	+ 4.30	− 1.9	20 53 44.50	.....	+40 48 28.6	....
37	η Capricorni	9	58 57.72	− 0.28	+11.13	59 1 53.65	48.215	+ 4.30	+1 33.8	20 59 8.57	− 1.80	−20 13 13.4	−11.2
38	Moon II, N	9	14 57.80	− 0.16	+11.11	31 5 52.68	46.002	+ 5.79	+ 34.0	2 15 8.75	−63.24	+ 7 44 36.5	....
	July 4, Hl.												
39	β Capricorni	9	15 38.49	− 0.25	**+10.98**	53 55 53.80	41.522	+ 3.58	+1 17.6	20 15 49.22	.....	−15 4 23.5	....
40	296 G. Sagittarii	9	19 36.79	− 0.35	+10.98	67 45 54.68	47.660	+ 3.59	+2 17.9	20 19 47.42	− 2.04	−28 57 44.9	−11.2
41	ω¹ Cygni	9	27 2.24	0.00	+10.98	350 13 51.70	43.600	+ 3.62	− 9.7	20 27 13.22	− 2.42	+48 38 18.1	− 0.2
42	β Delphini	9	33 2.27	− 0.12	+10.98	24 33 53.78	47.108	+ 3.63	+ 25.9	20 33 13.13	.....	+14 16 20.4	....
43	δ Delphini	9	38 58.07	− 0.12	+10.98	24 7 53.60	41.472	+ 3.66	+ 25.3	20 39 8.93	− 1.84	+14 44 29.8	− 4.9
44	ε Aquarii	9	42 29.61	− 0.22	**+11.02**	48 39 55.50	46.408	+ 3.68	+1 4.2	20 42 40.37	.....	− 9 50 3.6	....
45	32 Vulpeculæ	9	50 26.76	− 0.08	**+11.03**	11 7 52.10	48.072	+ 3.70	+ 11.2	20 50 37.66	.....	+27 42 14.7	....
46	γ Microscopii	9	55 26.72	− 0.37	+10.98	71 25 55.68	44.668	+ 3.72	+2 47.0	20 55 37.33	.....	−32 37 6.8	....
47	f² Cygni	7	3 15.29	− 0.01	+10.98	351 35 51.38	43.250	+ 3.75	− 8.3	21 3 26.26	− 2.28	+47 16 24.6	+ 1.6
48	ζ Cygni	9	8 49.72	− 0.07	**+10.92**	8 59 51.90	46.935	+ 3.77	+ 9.0	21 9 0.63	.....	+29 50 43.0	....
49	69 Cygni	9	21 50.04	− 0.05	+10.98	2 35 52.48	44.082	+ 3.82	+ 2.6	21 22 0.97	− 1.95	+36 15 53.9	+ 0.6
50	β Aquarii	9	26 30.76	− 0.20	**+10.95**	44 47 55.32	48.478	+ 3.84	+ 56.1	21 26 41.54	.....	− 5 58 42.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 16 18	.....	....	67.0
16 41	.....	....	67.0
17 4	29.89	67.2	66.8
17 19	.....	....	66.6
17 40	.....	....	66.8
18 8	29.89	66.5	66.6
18 20	.....	....	65.8
19 0	29.88	66.0	65.2
19 31	.....	....	64.8
19 43	.....	....	64.2
20 11	29.88	65.0	64.6
20 33	.....	....	64.8
21 0	29.88	64.0	64.0
21 16	29.95	66.0	65.1
4 20 10	29.86	63.2	61.6
20 22	.....	....	60.7
20 36	.....	....	61.9
20 48	.....	....	61.9
21 0	29.85	62.9	61.4
21 19	.....	....	62.3

Micrometer bisections are made at II, VI, except as noted below.

2, 6, 14, 17, 18, 23, 29, 34. Bisections at III, V.
3, 36. Bisections at IV, V.
7. Bisections at I, II, VI.
9, 31, 37, 43, 47. Bisections at VI, VII.
10. Bisections at II, VI, VII.
19. Bisections at b_1, b_3, b_5, b_7, b_9.
21. Z. D. threads C used.
21. Bisections at I, II, VI, VII.
38. Bisections at II, III, IV, V, VI.

Notes.

39. Circle reading increased 2′.
39–50. Conditions poor.
44. Faint.
49. Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
21	+ 19.5	.. ...	0.0	+ 19.5
38	+28 31.7	−15 8.8	...	+13 22.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ξ Aquarii	9	32 38.99	− 0.21	**+10.99**	47 5 54.62	46.838	+ 3.86	+1 0.8	21 32 49.76	.....	− 8 16 9.5	....
2	κ Capricorni	9	37 18.98	− 0.27	+10.98	58 7 54.28	43.162	+ 3.88	+1 30.7	21 37 29.69	− 1.64	−19 17 14.8	−11.9
3	16 Pegasi	9	48 40.56	− 0.09	**+11.05**	13 21 51.78	45.348	+ 3.92	+ 13.5	21 48 51.45	.....	+25 29 14.7	....
4	13 Cephei	9	51 37.02	0.00	+10.98	342 41 54.62	44.285	+ 3.93	− 17.5	21 51 48.00	− 2.43	+56 10 6.7	+ 5.8
5	ι Aquarii	9	1 15.81	− 0.24	**+10.88**	53 7 54.48	48.682	+ 3.96	+1 15.4	22 1 26.54	.....	−14 19 6.0	....
6	Moon II	9	3 30.52	− 0.12	+10.96	27 6	......	....	. ....	3 3 41.36	−63.43	.. ..	....
7	Venus II, N	9	30 8.38	− 0.10	+10.95	16 5 52.28	47.492	+ 4.33	+ 15.9	5 30 19.23	− 0.39	+22 44 22.4	....
	July 5, Hl.												
8	Sun I, S	9	53 2.40	− 0.11	+10.95	16 15 53.60	43.385	+ 4.28	+ 16.0	6 53 13.24	+68.57	+22 35 55.0	....
9	Sun II, N	9	55 19.54	− 0.11	+10.95	15 43 52.78	44.882	+ 4.28	+ 15.5	6 55 30.38	−68.57	+23 7 21.9	....
10	ζ Draconis	9	8 23.09	− 0.04	+10.92	333 1 50.32	45.472	+ 3.34	− 28.1	17 8 33.97	.....	+65 49 55.3	....
11	e Herculis	9	14 18.97	− 0.10	+10.92	1 27 53.40	45.322	+ 3.34	+ 1.5	17 14 29.79	− 1.95	+37 23 26.2	− 9.6
12	λ Herculis	9	26 49.94	− 0.13	+10.92	12 39 51.28	46.225	+ 3.34	+ 12.5	17 27 0.73	− 1.89	+26 10 56.8	− 8.3
13	α Ophiuchi	9	30 28.16	− 0.18	**+10.94**	26 13 52.78	43.455	+ 3.34	+ 27.4	17 30 38.90	.....	+12 37 43.7	....
14	89 Herculis	9	51 31.19	− 0.13	**+11.02**	12 47 52.00	43.460	+ 3.34	+ 12.7	17 51 41.97	.....	+26 3 59.0	....
15	72 Ophiuchi	9	2 47.61	− 0.18	**+10.94**	29 17 53.28	44.890	+ 3.34	+ 31.2	18 2 58.34	.....	+ 9 33 6.6	....
16	μ Sagittarii	9	8 3.67	− 0.32	+10.91	59 53 54.48	47.475	+ 3.34	+1 35.7	18 8 14.26	.....	−21 4 58.1	....
17	η Serpentis	9	16 21.14	− 0.23	**+10.90**	41 45 53.25	45.238	+ 3.34	+ 49.6	18 16 31.82	.....	− 2 55 19.7	....
18	109 Herculis	9	19 35.31	− 0.15	**+10.93**	17 7 52.80	43.930	+ 3.34	+ 17.2	18 19 46.07	.....	+21 43 43.0	....
19	3 H. Scuti	9	30 0.19	− 0.25	**+10.88**	47 9 55.10	42.520	+ 3.34	+ 59.9	18 30 10.85	.....	− 8 18 29.7	....
	July 5, M.												
20	θ Cygni	9	33 48.51	− 0.04	+10.97	348 51 51.12	43.538	+ 3.92	− 10.9	19 33 59.44	.....	+50 0 21.1	....
21	10 Vulpeculæ	9	39 42.12	− 0.12	+10.97	13 17 52.62	45.985	+ 3.93	+ 13.2	19 39 52.97	− 2.03	+25 32 59.6	− 5.2
22	δ Sagittæ	9	43 5.63	− 0.14	**+10.98**	20 31 52.15	47.430	+ 3.95	+ 20.9	19 43 16.46	.....	+18 18 19.4	....
23	Groombridge 3402	9	53 31.00	+ 1.46	+10.97	310 1 48.10	45.148	+ 3.98	−1 6.0	19 53 43.43	−60.13	+88 50 41.7	+ 0.1
24	θ Aquilæ	9	6 21.59	− 0.21	**+10.97**	39 55 53.08	46.472	+ 4.01	+ 46.7	20 6 32.35	.....	− 1 5 45.5	....
25	30 Cygni	9	10 14.14	− 0.05	+10.97	352 19 51.72	44.162	+ 4.03	− 7.4	20 10 25.06	− 2.39	+46 32 2.6	− 1.7
26	β Capricorni	9	15 38.58	− 0.27	**+10.94**	53 55 53.30	41.615	+ 4.04	+1 16.4	20 15 49.28	.....	−15 4 24.4	....
27	296 G. Sagittarii	9	19 36.82	− 0.37	+10.97	67 45 53.75	47.828	+ 4.06	+2 15.8	20 19 47.42	− 2.09	−28 57 46.3	−11.2
28	Groombridge 1418 S. P.	9	26 49.72	− 0.38	+10.97	304 15 47.58	45.460	+ 4.08	−1 21.4	8 27 0.31	+14.12	+85 23 8.5	− 2.9
29	13 G. Microscopii	9	34 21.50	− 0.41	+10.97	72 33 54.95	45.342	+ 4.10	+2 56.0	20 34 32.06	− 2.11	−33 45 30.8	−12.4
30	ψ Capricorni	9	40 26.83	− 0.34	+10.97	64 25 54.30	44.482	+ 4.12	+1 56.2	20 40 37.46	.....	−25 36 10.5	....
31	λ Cygni	9	43 38.36	− 0.08	+10.97	2 41 51.60	46.732	+ 4.13	+ 2.7	20 43 49.25	.....	+36 8 53.8	....
32	μ Aquarii	9	47 29.42	− 0.24	**+10.98**	48 9 54.52	45.950	+ 4.14	+1 2.3	20 47 40.15	.....	− 9 19 50.7	....
33	32 Vulpeculæ	9	50 26.89	− 0.11	**+10.95**	11 7 52.15	48.098	+ 4.15	+ 11.0	20 50 37.75	.....	+27 42 13.8	....
34	ρ Ursæ Majoris S. P.	9	53 56.87	− 0.07	+10.97	286 53 49.68	45.727	+ 4.16	−3 0.4	8 54 7.77	+ 2.46	+67 59 38.0	− 4.8
35	A Capricorni	9	1 32.74	− 0.34	+10.97	64 11 54.98	45.388	+ 4.19	+1 55.0	21 1 43.37	− 1.88	−25 22 31.0	−12.3
36	3 Piscis Australis	9	7 37.94	− 0.36	+10.97	66 49 53.38	42.848	+ 4.21	+2 9.8	21 7 48.55	− 1.88	−27 59 46.2	−12.9
37	β Aquarii	9	26 30.86	− 0.23	**+10.91**	44 47 55.22	48.555	+ 4.27	+ 55.5	21 26 41.60	.....	− 5 58 44.3	....
38	ξ Aquarii	9	32 39.12	− 0.24	**+10.92**	47 5 53.68	46.975	+ 4.29	+1 0.1	21 32 49.85	.....	− 8 16 11.2	....
39	κ Capricorni	9	37 19.04	− 0.30	+10.97	58 7 53.85	43.252	+ 4.30	+1 29.6	21 37 29.71	− 1.66	−19 17 15.8	−12.0
40	ν Cephei	9	42 37.72	− 0.01	+10.97	338 9 50.28	46.662	+ 4.32	− 22.3	21 42 48.68	− 2.77	+60 41 21.6	+ 5.7
41	13 Cephei	9	51 37.02	− 0.03	+10.97	342 41 51.32	44.405	+ 4.35	− 17.3	21 51 47.96	− 2.46	+56 10 7.1	+ 5.5
42	16 Cephei	9	57 48.49	+ 0.05	+10.97	326 7 49.65	45.475	+ 4.36	− 37.3	21 57 59.51	− 4.05	+72 44 4.2	+ 8.2
43	Moon II	9	52 43.44	− 0.16	+10.93	23 26	......	....	. ....	3 52 54.21	−63.98	.. ..	....
44	Venus II, C	9	35 24.61	− 0.12	+10.92	15 59 53.65	47.872	+ 4.43	+ 15.6	5 35 35.41	− 0.39	+22 50 12.5	....
	July 6, M.												
45	Sun I, N	8	57 9.56	− 0.14	+10.92	15 47 53.48	48.865	+ 4.12	+ 15.4	6 57 20.34	+68.59	+23 1 50.6	....
46	Sun II, S	9	59 26.74	− 0.14	+10.92	16 19 53.10	47.695	+ 4.12	+ 15.9	6 59 37.52	−68.59	+22 30 17.1	....
	July 7, Hl.												
47	Mars I, C	5	58 19.30	− 0.42	+10.71	66 55 53.98	50.038	+ 3.69	+2 7.4	18 58 29.59	+ 0.89	−28 6 52.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 21 42	......	....	61.9
22 8	29.84	62.1	61.1
5 30	29.88	76.2	76.2
5 6 55	29.85	77.8	77.7
16 59	29.78	71.7	70.0
17 15	......	....	69.9
17 48	......	....	69.0
17 58	29.785	70.4	....
18 11	......	....	68.9
18 35	29.77	69.8	68.6
19 34	29.76	68.8	67.2
19 55	......	....	67.0
20 24	......	....	66.8
20 38	29.75	67.8	....
20 58	......	....	66.4
22 2	29.74	66.8	65.8
5 35	29.745	79.6	80.1
6 6 59	29.74	81.7	81.8

Micrometer bisections are made at II, VI, except as noted below.

1, 4, 9, 27.	Bisections at VI, VII.
7, 44, 47.	Bisections at I, II, VI, VII.
8, 30, 45.	Bisections at I, II.
20.	Bisections at IV, V.
23.	Bisections at b_2, b_5, b_8.
28, 34.	Bisections at III, IV, V.
40, 41, 42.	Bisections at III, V.
46.	Bisections at V, VI, VII.
47.	Z. D. threads C used.

Notes.

1–5. Conditions poor.
14. Clouds.
16. Faint.
26. Circle reading increased 2′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
7	+ 1.5	− 5.4	...	− 3.9
8	+ 2.4	+15 43.4	...	+15 45.8
9	+ 2.3	−15 43.4	...	−15 41.1
44	+ 1.5	.. ....	0.0	+ 1.5
45	+ 2.3	−15 46.7	...	−15 44.4
46	+ 2.4	+15 46.7	...	+15 49.1
47	+ 19.7	.. ....	0.0	+ 19.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mars II	5	58 21.07	− 0.42	+10.71	... .	......	....	. ....	18 58 31.36	− 0.88	.. ..	....
2	176 B. Cygni	9	16 44.80	− 0.20	+10.71	359 45 51.00	42.468	+ 3.59	− 0.2	20 16 55.31	− 2.22	+39 6 35.0	− 3.0
3	π Capricorni	9	21 51.60	− 0.35	**+10.71**	57 19 53.38	47.732	+ 3.59	+1 25.4	20 22 1.96	.....	−18 30 53.0	....
4	ε Delphini	9	28 37.72	− 0.25	**+10.67**	27 51 53.20	44.500	+ 3.59	+ 29.0	20 28 48.18	.....	+10 59 17.5	....
5	α Delphini	9	35 10.48	− 0.24	**+10.81**	23 15 52.18	45.308	+ 3.59	+ 23.6	20 35 20.95	.....	+15 35 5.5	....
6	γ Delphini (*fol.*)	9	42 12.05	− 0.24	+10.71	23 3 52.42	44.515	+ 3.59	+ 23.4	20 42 22.52	− 1.89	+15 47 23.6	− 5.4
7	7 Aquarii	9	51 43.94	− 0.31	+10.71	48 53 53.00	44.138	+ 3.59	+1 2.8	20 51 54.34	− 1.85	−10 3 7.7	− 9.7
8	γ Microscopii	5	55 27.19	− 0.45	+10.71	71 25 54.18	44.908	+ 3.59	+2 42.0	20 55 37.45	.....	−32 37 5.8	....
9	θ Capricorni	9	0 34.86	− 0.35	**+10.62**	56 25 52.68	45.560	+ 3.59	+1 22.6	21 0 45.22	.....	−17 35 59.7	....
10	γ Equulei	9	5 40.57	− 0.25	+10.71	29 5 52.05	43.962	+ 3.59	+ 30.6	21 5 51.03	− 1.80	+ 9 45 29.4	− 6.1
11	α Equulei	9	11 1.86	− 0.26	**+10.71**	33 57 52.22	47.922	+ 3.59	+ 37.0	21 11 12.31	.....	+ 4 51 52.1	....
12	B. A. C. 7504	7	18 23.99	− 1.04	+10.71	312 13 47.70	43.963	+ 3.59	−1 0.2	21 18 33.66	.....	+86 39 4.5	....
13	β Cephei	9	27 21.42	− 0.24	+10.71	328 41 49.02	48.040	+ 3.59	− 33.2	21 27 31.89	.....	+70 9 2.6	....
14	89 B. Ursæ Majoris s. p.	9	34 4.78	+ 0.13	+10.71	288 33 49.92	45.350	+ 3.59	−2 41.0	9 34 15.36	+ 2.52	+69 39 47.7	− 7.1
15	δ Capricorni	9	41 45.88	− 0.34	**+10.73**	55 21 53.28	47.810	+ 3.59	+1 19.5	21 41 56.24	.....	−16 32 48.6	....
16	μ Capricorni	9	48 4.95	− 0.33	**+10.66**	52 50	......	....	. ....	21 48 15.32	.....	−13 59	....
17	13 Cephei	9	51 37.68	− 0.19	+10.70	342 41 49.48	44.478	+ 3.59	− 17.0	21 51 48.19	− 2.52	+56 10 7.6	+ 4.8
18	ν Pegasi	9	0 50.51	− 0.26	+10.70	34 13 53.10	46.738	+ 3.59	+ 37.5	22 1 0.95	− 1.59	+ 4 36 18.0	− 6.6
19	θ Pegasi	7	5 21.73	− 0.26	**+10.68**	33 5 53.35	46.298	+ 3.59	+ 35.9	22 5 32.17	.....	+ 5 44 29.2	....
20	λ Piscis Australis	9	8 53.91	− 0.43	+10.70	67 1 53.05	47.335	+ 3.59	+2 9.2	22 9 4.18	− 1.60	−28 13 27.1	−14.7
21	31 Pegasi	9	16 47.48	− 0.24	+10.70	27 5 52.95	47.292	+ 3.59	+ 28.2	22 16 57.94	− 1.55	+11 44 14.8	− 4.5
22	σ Aquarii	9	25 34.66	− 0.32	**+10.76**	49 59 53.35	43.875	+ 3.59	+1 5.5	22 25 45.04	.....	−11 9 4.7	....
23	Venus II, C	9	45 58.68	− 0.12	+10.70	15 49 51.62	48.275	+ 4.00	+ 15.3	5 46 9.26	− 0.38	+23 0 6.1	....
	July 8, Hl.												
24	Sun I, N	9	5 23.43	− 0.22	+10.70	15 59 52.18	49.655	+ 4.33	+ 15.5	7 5 33.91	+68.42	+22 49 33.6	....
25	Sun II, S	9	7 40.27	− 0.22	+10.70	16 31 52.45	48.378	+ 4.33	+ 16.0	7 7 50.75	−68.42	+22 18 1.8	....
26	151 H^{1}. Cephei s. p	9	6 47.78	+ 1.25	+10.69	304 11 48.32	43.338	+ 3.16	−1 19.3	4 6 59.72	.....	+85 18 21.9	....
27	η Ursæ Minoris	7	20 6.10	− 0.51	+10.69	322 53 48.62	44.750	+ 3.16	− 40.8	16 20 16.28	.....	+75 58 25.5	....
28	34 Herculis	9	27 24.30	− 0.26	+10.69	349 41 51.65	44.500	+ 3.16	− 9.8	16 27 34.73	− 1.87	+49 9 58.2	−13.0
29	35 B. Camelopardalis s. p.	9	36 4.73	+ 0.39	+10.69	294 39 49.38	44.465	+ 3.16	−1 57.1	4 36 15.81	.....	+75 46 10.6	....
30	9 Camelopardalis s. p.	8	44 35.72	+ 0.22	+10.69	285 5 48.38	44.730	+ 3.16	−3 17.0	4 44 46.63	.....	+66 10 56.1	....
31	B. D. +31°2927	9	50 9.51	− 0.24	+10.69	7 31 53.62	46.985	+ 3.16	+ 7.2	16 50 19.96	− 1.78	+31 18 42.5	−10.2
32	157 H^{1}. Cephei s. p	8	58 19.64	+ 1.43	+10.69	304 43 47.02	42.882	+ 3.16	−1 18.0	4 58 31.76	+10.77	+85 50 11.4	+12.9
33	α Herculis	9	10 15.78	− 0.26	**+10.71**	24 21 52.95	43.242	+ 3.16	+ 24.6	17 10 26.20	.....	+14 29 51.4	....
34	ε Herculis	9	14 19.37	− 0.24	+10.68	1 27 51.55	45.355	+ 3.16	+ 1.4	17 14 29.81	− 1.93	+37 23 27.6	−10.4
35	σ Ophiuchi	9	21 45.48	− 0.27	**+10.68**	34 37 51.48	44.135	+ 3.16	+ 37.5	17 21 55.89	.....	+ 4 13 19.6	....
36	74 B. Camelopardalis s. p.	9	27 2.89	+ 0.38	+10.68	293 51 49.60	46.388	+ 3.16	−2 1.4	5 27 13.95	.....	+74 58 50.9	....
37	α Ophiuchi	9	30 28.48	− 0.26	**+10.70**	26 13 52.12	43.475	+ 3.16	+ 26.8	17 30 38.90	.....	+12 37 44.7	....
38	β Ophiuchi	9	38 44.24	− 0.27	**+10.65**	34 13 53.12	46.462	+ 3.16	+ 37.0	17 38 54.65	.....	+ 4 36 25.2	....
39	μ Herculis	9	42 40.61	− 0.23	**+10.68**	11 5 50.42	41.955	+ 3.16	+ 10.7	17 42 51.06	.....	+27 46 37.2	....
40	89 Herculis	9	51 31.59	− 0.24	**+10.73**	12 47 51.18	43.465	+ 3.16	+ 12.4	17 51 42.03	.....	+26 4 0.2	....
41	ν Ophiuchi	5	53 46.15	− 0.31	**+10.59**	48 35 53.52	45.645	+ 3.16	+1 1.6	17 53 56.52	.....	− 9 45 41.2	....
42	δ Ursæ Minoris	9	2 25.39	− 1.84	+10.68	312 15 48.50	44.143	+ 3.16	− 59.5	18 2 34.23	.....	+86 36 58.9	....
	July 8, M.												
43	π Capricorni	9	21 51.61	− 0.35	**+10.72**	57 19 52.40	47.810	+ 3.94	+1 25.2	20 22 2.00	.....	−18 30 53.8	....
44	Groombridge 1418 s. p.	9	26 48.39	+ 0.98	+10.74	304 15 47.20	45.350	+ 3.94	−1 19.7	8 27 0.11	+14.20	+85 23 7.1	− 1.9
45	13 G. Microscopii	9	34 21.86	− 0.46	+10.74	72 33 53.22	45.580	+ 3.94	+2 52.4	20 34 32.14	− 2.18	−33 45 30.8	−12.4
46	γ Delphini (*fol.*)	9	42 12.06	− 0.24	+10.74	23 3 51.35	44.560	+ 3.94	+ 23.3	20 42 22.56	− 1.91	+15 47 23.4	− 5.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 19 1	29.77	78.2	78.9
20 10	29.77	76.8	76.2
20 36	.....	....	75.3
20 49	.....	....	75.1
21 8	.....	....	75.0
21 14	29.76	75.7	....
21 36	.....	....	74.6
21 57	.....	....	73.9
22 13	.....	....	74.0
22 31	29.76	74.7	73.5
5 46	29.83	85.6	85.9
8 7 8	29.81	87.0	87.6
16 0	.....	....	82.0
16 13	29.78	81.7	81.8
16 30	.....	....	81.1
16 42	.....	....	81.0
17 3	.....	....	80.0
17 7	29.78	80.2	....
17 18	.....	....	81.1
17 35	.....	....	81.0
18 12	29.77	79.8	80.6
20 18	29.74	77.1	77.1

Micrometer bisections are made at II, VI, except as noted below.

2, 3, 8, 11, 19, 25, 27, 41. Bisections at VI, VII.
12. Bisections at b_4, b_5, b_6.
14, 24. Bisections at I, II.
20. Bisections at II, VII.
23. Bisections at I, II, VI, VII.
26, 32, 42, 44. Bisections at III, IV, V.
36. Bisections at III, V.
45. Bisections at II, VI, VII.

Notes.

2. Revolutions of micrometer reading assumed.
4, 14. Faint.
14, 18, 20, 22, 29. Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+ 1.5	.. ....	0.0	+ 1.5
24	+ 2.4	−15 45.9	...	−15 43.5
25	+ 2.4	+15 45.9	...	+15 48.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Aquarii	9	47 29.82	− 0.31	+10.71	48 9 51.92	46.112	+ 3.94	+1 1.0	20 47 40.25	.....	− 9 19 50.5	....
2	220 H¹. Draconis	8	51 47.53	− 0.53	+10.74	318 39 47.52	45.807	+ 3.94	− 47.8	20 51 57.74	.....	+80 12 9.7	....
3	γ Microscopii	7	55 27.20	− 0.45	+10.74	71 25 53.08	45.080	+ 3.94	+2 41.4	20 55 37.49	.....	−32 37 8.3	....
4	61 Cygni (*pr.*)	8	2 35.51	− 0.21	+10.74	0 33 50.50	45.285	+ 3.94	+ 0.6	21 2 46.04	.....	+38 17 30.0	....
5	98 B. Cephei	9	7 18.28	− 0.44	+10.74	321 7 47.08	43.788	+ 3.94	− 43.9	21 7 28.58	.....	+77 44 52.3	....
6	σ Cygni	9	13 37.38	− 0.21	+10.74	359 51 49.92	43.385	+ 3.94	− 0.8	21 13 47.91	.....	+39 0 15.7	....
7	1 Pegasi	9	17 38.46	− 0.24	+10.77	19 25 50.15	47.365	+ 3.94	+ 19.3	21 17 48.96	.....	+19 24 24.5	....
8	ζ Capricorni	9	21 13.08	− 0.38	+10.74	61 37 52.90	46.552	+ 3.94	+1 41.0	21 21 23.44	.....	−22 48 41.3	....
9	β Cephei	9	27 21.41	− 0.30	+10.74	328 41 47.85	48.075	+ 3.94	− 33.1	21 27 31.85	.....	+70 9 2.9	....
10	89 B. Ursæ Minoris S. P.	9	34 4.43	+ 0.22	+10.74	288 33 47.88	45.370	+ 3.94	−2 40.1	9 34 15.39	+ 2.53	+69 39 47.6	− 6.8
11	ε Pegasi	9	39 28.37	− 0.25	+10.72	29 23 51.05	45.380	+ 3.94	+ 30.8	21 39 38.86	.....	+ 9 26 57.4	....
12	ν Cephei	8	42 38.29	− 0.24	+10.74	338 9 49.82	46.612	+ 3.94	− 21.8	21 42 48.79	− 2.87	+60 41 23.1	+ 4.6
13	134 G. Capricorni	9	53 24.04	− 0.37	+10.74	60 27 53.50	43.497	+ 3.94	+1 36.0	21 53 34.41	− 1.67	−21 37 27.0	−13.1
14	16 Cephei	9	57 49.29	− 0.33	+10.74	326 7 47.55	45.485	+ 3.94	− 36.5	21 57 59.70	− 4.20	+72 44 5.7	+ 7.2
15	ν Pegasi	9	0 50.54	− 0.26	+10.74	34 13 52.58	46.780	+ 3.94	+ 37.2	22 1 1.02	− 1.62	+ 4 36 17.3	− 6.8
16	λ Cephei	9	8 13.27	− 0.24	+10.74	339 53 47.95	47.060	+ 3.94	− 19.9	22 8 23.77	− 2.62	+58 57 12.8	+ 5.9
17	θ Aquarii	9	11 46.79	− 0.30	+10.70	47 3 52.68	48.388	+ 3.94	+ 58.7	22 11 57.23	.....	− 8 14 40.8	....
18	30 H. Camelopardalis S. P.	8	19 29.65	+ 0.63	+10.74	301 55 45.78	43.047	+ 3.94	−1 27.0	10 19 41.02	+ 7.58	+83 2 5.9	−10.1
19	δ Cephei	9	25 34.99	− 0.23	+10.74	340 55 48.58	44.400	+ 3.94	− 18.8	22 25 45.50	− 2.46	+57 56 11.9	+ 6.8
20	η Aquarii	9	30 25.66	− 0.28	+10.78	39 25 51.85	46.515	+ 3.94	+ 44.9	22 30 36.12	.....	− 0 35 43.4	....
21	30 Cephei	8	35 13.22	− 0.25	+10.74	335 45 46.85	45.508	+ 3.94	− 24.5	22 35 23.71	− 2.72	+63 5 54.0	+ 8.2
22	13 Lacertæ	9	39 47.84	− 0.21	+10.74	357 31 49.82	44.755	+ 3.94	− 2.3	22 39 58.37	− 1.83	+41 19 46.1	+ 3.9
23	μ Pegasi	9	45 21.81	− 0.22	+10.81	14 43 50.65	47.070	+ 3.94	+ 14.4	22 45 32.33	.....	+24 6 35.6	....
	July 12, Hl.												
24	41 Cygni	9	25 27.46	− 0.10	+10.49	8 47 51.98	44.678	+ 5.84	+ 8.7	20 25 37.85	− 2.13	+30 3 32.7	− 5.2
25	ε Delphini	9	28 37.91	− 0.18	+10.49	27 51 54.00	44.318	+ 5.84	+ 29.6	20 28 48.22	.....	+10 59 18.1	....
26	ε Aquarii	9	42 30.33	− 0.27	+10.50	48 39 54.65	46.328	+ 5.84	+1 3.6	20 42 40.55	.....	− 9 50 2.5	....
27	μ Aquarii	9	47 30.12	− 0.27	+10.45	48 9 55.65	45.725	+ 5.84	+1 2.5	20 47 40.34	.....	− 9 19 48.6	....
28	θ Capricorni	9	0 35.05	− 0.32	+10.51	56 25 53.58	45.350	+ 5.84	+1 24.2	21 0 45.22	.....	−17 35 59.6	....
29	α Equulei	9	11 2.12	− 0.20	+10.49	33 57 54.70	47.628	+ 5.84	+ 37.7	21 11 12.41	.....	+ 4 51 53.6	....
30	B. A. C. 7504	7	18 22.64	+ 0.86	+10.49	312 13 49.25	43.753	+ 5.84	−1 1.3	21 18 33.99	.....	+86 39 6.4	....
31	358 B. Cygni	9	28 12.11	− 0.01	+10.49	346 37 52.58	48.350	+ 5.84	− 13.2	21 28 22.59	− 2.56	+52 12 30.0	+ 1.1
	July 13, Hl.												
32	Sun I	9	25 50.09	− 0.19	+10.47	16 54	......	....	. ....	7 26 0.37	+68.08	.. ..	....
33	Sun II	9	28 6.25	− 0.19	+10.47	... .	......	....	. ....	7 28 16.53	−68.08	.. ..	....
	July 14, Hl.												
34	δ Ursæ Minoris	9	2 23.11	− 0.62	+10.39	312 16	......	....	. ....	18 2 32.88	.....	+86 37	....
35	3 H. Scuti	9	30 0.81	− 0.32	+10.38	47 10	......	....	. ....	18 30 10.88	.....	− 8 18	....
36	4 H. Scuti	9	37 2.92	− 0.33	+10.48	48 0	......	....	. ....	18 37 12.98	.....	− 9 8	....
37	110 Herculis	9	41 31.49	− 0.23	+10.31	18 24	......	....	. ....	18 41 41.65	.....	+20 27	....
38	51 H. Cephei S. P.	9	56 38.00	+ 0.72	+10.39	306 6	......	....	. ....	6 56 49.11	.....	+87 11	....
39	*d* Sagittarii	9	12 3.86	− 0.37	+10.39	57 58	......	....	. ....	19 12 13.88	.....	−19 7	....
	July 15, Hl.												
40	Moon I	9	30 18.50	− 0.22	+10.37	31 26	......	....	. ....	11 30 28.65	+63.35	.. ..	....
	July 16, M.												
41	Moon I	9	19 1.64	− 0.29	+10.39	36 10	......	....	. ....	12 19 11.74	+63.59	.. ..	....
	July 16, Ei.-M.												
42	κ Ophiuchi	9	53 7.63	− 0.27	+10.33	29 19 50.00	44.595	+ 5.94	+ 30.9	16 53 17.72	.....	+ 9 31 14.3	....
43	C. P. D. −25°5921	9	58 9.43	− 0.44	+10.36	64 23 52.65	44.080	+ 5.94	+1 54.3	16 58 19.35	− 2.10	−25 33 59.8	− 0.1
44	η Ophiuchi	9	4 54.66	− 0.37	+10.29	54 25 51.15	47.390	+ 5.94	+1 16.9	17 5 4.65	.....	−15 36 36.4	....
45	C. P. D. −26°5854	9	8 18.88	− 0.45	+10.36	65 41 52.55	44.982	+ 5.94	+2 1.3	17 8 28.79	− 2.16	−26 52 27.3	− 0.4
46	B. D. −17°4759	9	11 11.19	− 0.38	+10.36	56 37 50.58	47.200	+ 5.94	+1 23.5	17 11 21.17	− 2.02	−17 48 38.3	− 2.4
47	B. D. −22°4318	9	13 10.19	− 0.41	+10.36	61 25 51.52	46.150	+ 5.94	+1 40.8	17 13 20.14	− 2.10	−22 36 32.5	− 1.6
48	θ Ophiuchi	9	16 10.07	− 0.43	+10.36	63 43 51.82	45.425	+ 5.94	+1 51.2	17 16 20.00	.....	−24 54 26.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 20 45	......	....	77.1
21 24	29.73	76.7	76.7
21 48	......	....	77.7
22 17	29.73	76.9	77.7
22 49	29.72	76.8	77.3
12 20 13	29.85	68.0	66.8
20 33	......	....	66.7
20 51	......	....	66.8
20 56	29.84	67.9	....
21 13	......	....	66.9
21 33	......	....	66.9
21 41	29.84	67.8	66.8
16 16 51	29.915	77.4	76.9
17 11	......	....	76.4

Micrometer bisections are made at II, VI, except as noted below.

1, 3, 4, 15.	Bisections at VI, VII.
2, 9, 18.	Bisections at III, IV, V.
5, 12, 14, 16, 19, 21, 22.	Bisections at III, V.
10.	Bisections at I, II, VI, VII.
13.	Bisections at I, II, VI.
30.	Bisections at b_2, b_5, b_8.
44.	Bisections at I, II.
45.	Bisections at II, VII.

Notes.

8, 10, 19.	Poor.
12.	Clouds.
24–31.	Haze and clouds.
25.	Faint.
29.	Wind.
30, 47, 48.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −21°4597	9	19 0.36	− 0.40	+10.36	60 9 51.85	48.382	+ 5.94	+1 35.9	17 19 10.32	− 2.10	−21 21 19.0	− 2.1
2	C. P. D. −28°5659	9	22 25.82	− 0.47	+10.36	67 47 52.25	45.568	+ 5.94	+2 14.2	17 22 35.71	− 2.25	−28 58 53.3	− 0.8
3	C. P. D. −28°5694	9	25 57.32	− 0.46	+10.36	66 51 51.40	45.938	+ 5.94	+2 8.4	17 26 7.22	− 2.24	−28 2 55.1	− 1.1
4	B. D. −20°4823	9	31 50.59	− 0.40	+10.36	59 27 51.22	44.850	+ 5.94	+1 33.2	17 32 0.55	− 2.12	−20 37 54.9	− 2.9
5	B. D. −17°4871	9	33 32.82	− 0.38	+10.36	56 13 50.18	44.452	+ 5.94	+1 22.2	17 33 42.80	− 2.08	−17 23 33.8	− 3.5
6	B. D. −21°4712	9	37 43.63	− 0.41	+10.36	60 27 52.38	45.622	+ 5.94	+1 37.0	17 37 53.58	− 2.16	−21 38 17.5	− 3.0
7	β Ophiuchi	9	38 44.53	− 0.28	**+10.37**	34 14	......	....	. ....	17 38 54.61	....	+ 4 36	....
8	C. P. D. −25°6071	9	40 49.78	− 0.44	+10.36	64 31 52.35	46.922	+ 5.94	+1 55.3	17 40 59.70	− 2.23	−25 43 5.5	− 2.5
9	C. P. D. −24°5966	9	44 8.52	− 0.42	+10.36	62 59 51.52	46.022	+ 5.94	+1 47.8	17 44 18.46	− 2.21	−24 10 36.6	− 2.9
10	B. D. −19°4725	9	46 10.80	− 0.39	+10.36	58 19 50.48	44.985	+ 5.94	+1 29.1	17 46 20.77	− 2.14	−19 29 53.2	− 3.8
11	C. P. D. −26°6092	9	50 28.33	− 0.45	+10.36	65 33 51.82	47.485	+ 5.94	+2 0.8	17 50 38.24	− 2.27	−26 45 23.3	− 2.9
12	B. D. −22°4474	9	53 12.07	− 0.41	+10.36	61 19 51.82	46.050	+ 5.94	+1 40.5	17 53 22.02	− 2.20	−22 30 30.2	− 3.7
13	B. D. −22°4503	9	56 8.60	− 0.42	+10.36	61 35 51.32	46.455	+ 5.94	+1 41.6	17 56 18.54	− 2.22	−22 46 39.9	− 3.8
14	C. P. D. −26°6182	9	57 28.75	− 0.44	+10.36	65 7 52.12	47.128	+ 5.94	+1 58.4	17 57 38.67	− 2.28	−26 19 13.1	− 3.3
15	B. D. −18°4789	9	1 6.31	− 0.39	+10.36	57 49 50.80	44.155	+ 5.94	+1 27.4	18 1 16.28	− 2.17	−18 59 32.8	− 4.6
16	B. D. −20°5003	9	3 2.48	− 0.40	+10.36	58 55 50.08	45.160	+ 5.94	+1 31.3	18 3 12.44	− 2.19	−20 5 59.0	− 4.5
17	C. P. D. −28°6374	9	5 56.02	− 0.47	+10.36	67 43 51.92	46.650	+ 5.94	+2 14.0	18 6 5.91	− 2.35	−28 55 17.5	− 3.4
18	B. D. −20°5054	9	9 32.24	− 0.40	+10.36	59 33 51.00	48.570	+ 5.94	+1 33.7	18 9 42.20	− 2.21	−20 45 20.2	− 4.7
19	B. D. −17°5112	9	11 39.11	− 0.38	+10.36	56 13 50.10	46.458	+ 5.94	+1 22.4	18 11 49.09	− 2.16	−17 24 19.7	− 5.2
20	δ Sagittarii	9	14 54.92	− 0.47	+10.36	68 39 51.70	48.400	+ 5.94	+2 20.5	18 15 4.81	....	−29 52 3.8	....
21	B. D. −21°4974	9	17 52.12	− 0.41	+10.36	60 31 52.15	46.460	+ 5.94	+1 37.4	18 18 2.07	− 2.24	−21 42 36.9	− 5.0
22	C. P. D. −26°6467	9	22 10.34	− 0.45	+10.36	65 37 52.35	45.768	+ 5.94	+2 1.3	18 22 20.25	− 2.33	−26 48 45.1	− 4.7
23	B. D. −21°5027	9	24 52.09	− 0.41	+10.36	60 37 52.62	47.088	+ 5.94	+1 37.8	18 25 2.04	− 2.25	−21 48 52.1	− 5.4
24	C. P. D. −24°6448	9	28 43.78	− 0.42	+10.36	63 7 52.75	43.195	+ 5.94	+1 48.5	18 28 53.72	− 2.29	−24 17 33.9	− 5.3
25	C. P. D. −25°6575	9	31 19.04	− 0.44	+10.36	64 33 51.75	45.220	+ 5.94	+1 55.5	18 31 28.96	− 2.32	−25 44 26.2	− 5.3
26	C. P. D. −28°6638	9	35 25.61	− 0.46	+10.36	66 51 50.40	45.122	+ 5.94	+2 8.6	18 35 35.51	− 2.37	−28 2 35.7	− 5.3
27	C. P. D. −25°6602	9	38 58.99	− 0.43	+10.36	63 55 50.62	44.810	+ 5.94	+1 52.4	18 39 8.92	− 2.31	−25 6 12.6	− 5.8
28	C. P. D. −28°6680	9	41 37.89	− 0.46	+10.36	67 11 51.48	45.365	+ 5.94	+2 10.6	18 41 47.79	− 2.38	−28 22 44.3	− 5.6
29	C. P. D. −26°6572	9	44 42.56	− 0.45	+10.36	65 41 52.98	45.215	+ 5.94	+2 1.7	18 44 52.47	− 2.35	−26 52 33.5	− 5.9
30	B. D. −18°5115	9	47 31.85	− 0.39	+10.36	57 33 51.90	47.620	+ 5.94	+1 26.8	18 47 41.82	− 2.22	−18 44 52.5	− 6.7
31	B. D. −16°5083	9	50 15.12	− 0.37	+10.36	55 17 50.52	45.562	+ 5.94	+1 19.6	18 50 25.11	− 2.19	−16 27 56.7	− 7.0
32	θ Serpentis	9	51 27.80	− 0.28	**+10.31**	34 45 49.85	44.825	+ 5.94	+ 38.3	18 51 37.88	....	+ 4 5 1.8	....
33	C. P. D. −28°6740	9	54 2.29	− 0.46	+10.36	66 59 51.40	45.082	+ 5.94	+2 9.4	18 54 12.19	− 2.38	−28 10 36.6	− 6.4
34	B. D. −19°5273	9	57 28.15	− 0.39	+10.36	58 11 51.02	47.175	+ 5.94	+1 28.9	18 57 38.12	− 2.23	−19 22 43.6	− 7.1
35	C. P. D. −26°6635	9	59 18.97	− 0.44	+10.36	65 5 51.80	45.500	+ 5.94	+1 58.5	18 59 28.89	− 2.34	−26 16 35.6	− 6.8
36	C. P. D. −24°6603	9	2 26.09	− 0.43	+10.36	63 37 50.82	44.555	+ 5.94	+1 51.0	19 2 36.02	− 2.32	−24 48 5.6	− 7.0
37	C. P. D. −28°6805	9	5 13.72	− 0.46	+10.36	67 29 51.42	46.178	+ 5.94	+2 12.6	19 5 23.62	− 2.39	−28 41 4.8	− 7.0
38	C. P. D. −24°6650	8	9 45.71	− 0.42	+10.36	63 9 50.35	44.985	+ 5.94	+1 48.8	19 9 55.65	− 2.31	−24 20 12.7	− 7.5
39	d Sagittarii	9	12 3.97	− 0.39	**+10.32**	57 57 51.00	42.775	+ 5.94	+1 28.0	19 12 13.93	....	−19 7 2.1	....
40	B. D. −15°5310	9	13 34.19	− 0.37	+10.35	54 31 50.80	45.320	+ 5.94	+1 17.4	19 13 44.17	− 2.19	−15 41 49.5	− 8.0
41	B. D. −18°5322	9	16 9.06	− 0.38	+10.35	56 51 50.08	43.575	+ 5.94	+1 24.4	19 16 19.03	− 2.22	−18 1 15.9	− 8.0
42	C. P. D. −24°6723	9	19 44.32	− 0.42	+10.35	62 57 52.10	45.988	+ 5.94	+1 47.9	19 19 54.25	− 2.30	−24 8 36.3	− 8.0
43	δ Aquilæ	9	20 40.63	− 0.29	**+10.33**	35 55 49.58	42.608	+ 5.94	+ 40.0	19 20 50.69	....	+ 2 55 51.1	....
44	μ Aquilæ	9	29 24.73	− 0.27	**+10.43**	31 39 48.98	45.172	+ 5.94	+ 34.1	19 29 34.81	....	+ 7 10 58.9	....
45	κ Aquilæ	9	31 45.40	− 0.33	**+10.40**	46 3 51.12	46.565	+ 5.94	+ 57.3	19 31 55.42	....	− 7 13 58.2	....
	July 16, Hl.												
46	θ Cephei	9	27 54.72	− 0.17	+10.31	336 11 47.85	42.700	+ 5.96	− 24.3	20 28 4.86	....	+62 40 54.3	....
47	73 Draconis	9	32 39.98	− 0.20	+10.31	324 13 47.78	45.345	+ 5.96	− 39.7	20 32 50.09	....	+74 38 9.5	....
48	γ Delphini (*fol.*)	9	42 12.62	− 0.23	+10.31	23 3 51.22	44.405	+ 5.96	+ 23.6	20 42 22.70	− 2.04	+15 47 24.7	− 7.4
49	μ Aquarii	9	47 30.33	− 0.31	**+10.35**	48 9 52.25	45.915	+ 5.96	+1 1.7	20 47 40.33	....	− 9 19 48.8	....
50	ζ Cygni	9	8 50.68	− 0.19	**+10.31**	9 0	......	....	. ....	21 9 0.80	....	+29 50	....
51	υ Cygni	9	13 57.68	− 0.18	+10.31	4 21 49.40	42.718	+ 5.96	+ 4.3	21 14 7.81	− 2.18	+34 30 24.1	− 3.6
52	1 Pegasi	9	17 39.03	− 0.21	**+10.32**	19 25 49.38	47.185	+ 5.96	+ 19.6	21 17 49.13	....	+19 24 27.0	....
53	β Aquarii	9	26 31.74	− 0.29	**+10.33**	44 47 52.40	48.502	+ 5.96	+ 54.9	21 26 41.75	....	− 5 58 41.3	....
54	ξ Aquarii	9	32 40.03	− 0.30	**+10.31**	47 5 51.15	46.915	+ 5.96	+ 59.5	21 32 50.03	....	− 8 16 8.4	....
55	κ Capricorni	9	37 20.11	− 0.35	+10.30	58 7 51.28	43.240	+ 5.96	+1 28.7	21 37 30.06	− 1.93	−19 17 13.7	−12.8
56	π^2 Cygni	9	43 13.78	− 0.15	+10.30	349 57 49.82	47.745	+ 5.96	− 9.7	21 43 23.93	....	+48 52 43.0	....
57	16 Pegasi	9	48 41.66	− 0.19	**+10.32**	13 21 50.38	45.240	+ 5.96	+ 13.2	21 48 51.77	....	+25 29 16.9	....
58	13 Cephei	9	51 38.24	− 0.15	+10.30	342 41 47.95	44.305	+ 5.96	− 17.2	21 51 48.39	− 2.76	+56 10 10.6	+ 2.0

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
16 17 28	29.92	77.0	76.0	13, 31, 42. Bisections at I, II.					
17 53	......	....	75.8	22, 24, 26, 27, 37, 44. Bisections at II, VII.					
18 13	29.91	76.0	75.2	46, 51, 58. Bisections at VI, VII.					
18 39	......	....	74.9						
18 55	29.905	75.4	74.7						
19 16	......	....	74.2						
19 43	29.90	74.8	74.3						
20 21	29.91	74.7	74.0						
20 39	......	....	74.0						
20 59	......	....	73.8	Notes.					
21 19	......	....	73.7	2. One microscope reading decreased 10″.					
21 30	29.90	74.3	73.7	38. Poor.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	16 Cephei	8	57 49.94	− 0.18	+10.30	326 7 47.52	45.302	+ 5.96	− 37.0	21 58 0.06	− 4.52	+72 44 7.6	+ 4.8
2	28 Pegasi	9	5 58.19	− 0.20	+10.30	18 19 51.22	44.952	+ 5.96	+ 18.4	22 6 8.29	− 1.87	+20 31 18.2	− 4.6
3	θ Aquarii	9	11 47.41	− 0.29	+10.27	47 3 52.48	48.170	+ 5.96	+ 59.5	22 11 57.42	.....	− 8 14 38.4	....
4	ρ Aquarii	9	15 10.13	− 0.29	+10.30	47 7 51.70	44.248	+ 5.96	+ 59.6	22 15 20.14	− 1.73	− 8 17 8.3	−11.1
5	ζ Aquarii (*mean*)	9	23 54.26	− 0.26	+10.30	39 19 50.88	46.220	+ 5.96	+ 45.4	22 24 4.30	− 1.70	− 0 29 38.4	− 9.3
6	η Aquarii	9	30 26.32	− 0.26	+10.30	39 25 50.25	46.350	+ 5.96	+ 45.5	22 30 36.36	.....	− 0 35 40.6	....
7	30 Cephei	9	35 13.91	− 0.15	+10.30	335 45 46.20	45.345	+ 5.96	− 24.8	22 35 24.06	− 3.01	+63 5 56.4	+ 5.9
	July 17, M.												
8	Venus II, C	9	39 5.96	− 0.24	+10.31	15 42 0.65	44.478	+ 6.72	+ 15.2	6 39 16.03	− 0.38	+23 9 21.2	....
	July 18, M.												
9	Sun I, S	9	46 5.19	− 0.20	+10.31	17 58 0.68	43.615	+ 6.33	+ 17.5	7 46 15.30	+67.83	+20 53 39.0	....
10	Sun II, N	8	48 20.85	− 0.20	+10.31	17 25 59.15	45.012	+ 6.33	+ 17.0	7 48 30.96	−67.83	+21 25 9.1	....
	July 19, Hl.												
11	Sun I, N	9	50 6.72	− 0.28	+10.20	17 35 59.85	46.212	+ 6.08	+ 17.3	7 50 16.64	+67.72	+21 14 41.0	....
12	Sun II, S	9	52 22.15	− 0.28	+10.20	18 8 0.60	44.865	+ 6.08	+ 17.8	7 52 32.07	−67.71	+20 43 10.4	....
	July 19, M.												
13	Moon I, N	9	53 35.87	− 0.35	+10.26	50 52 0.38	44.739	+ 5.39	+1 6.9	14 53 45.78	+67.99	−12 1 34.7	....
14	151 H^1. Cephei s. p.	9	6 51.67	+ 0.66	+10.26	304 11 55.55	42.865	+ 5.54	−1 19.8	4 7 2.59	.....	+85 18 20.2	....
15	19 Ursæ Minoris	8	13 20.60	− 0.31	+10.26	322 45 53.50	42.970	+ 5.54	− 41.3	16 13 30.55	.....	+76 7 0.4	....
16	γ Herculis	9	17 40.52	− 0.23	+10.30	19 27 57.78	47.000	+ 5.54	+ 19.4	16 17 50.55	.....	+19 22 23.5	....
17	98 B. Draconis	9	22 14.91	− 0.20	+10.26	343 25 55.38	46.435	+ 5.54	− 16.1	16 22 24.97	− 1.73	+55 25 14.3	−16.0
18	34 Herculis	9	27 24.42	− 0.19	+10.25	349 41 56.10	44.078	+ 5.54	− 9.9	16 27 34.48	− 1.69	+49 10 1.2	−15.2
19	ζ Ophiuchi	9	31 54.07	− 0.32	+10.24	49 14 0.18	42.742	+ 5.54	+1 3.3	16 32 4.00	.....	−10 22 45.4	....
20	ζ Herculis	9	37 38.39	− 0.21	+10.25	7 5 56.55	42.238	+ 5.54	+ 6.8	16 37 48.43	.....	+31 46 26.1	....
21	20 Ophiuchi	9	44 33.19	− 0.32	+10.25	49 28 0.88	43.670	+ 5.54	+1 3.8	16 44 43.12	.....	−10 37 7.8	....
22	ι Ophiuchi	9	49 28.18	− 0.25	+10.25	28 31 58.70	44.435	+ 5.54	+ 29.7	16 49 38.18	− 1.70	+10 19 10.9	− 8.2
23	30 Ophiuchi	9	56 1.20	− 0.30	+10.25	42 55 58.22	43.925	+ 5.54	+ 50.8	16 56 11.15	.....	− 4 4 58.0	....
24	98 H^1. Herculis	9	4 36.47	− 0.20	+10.25	358 13 57.58	42.610	+ 5.54	− 1.6	17 4 46.52	− 1.83	+40 38 25.0	−13.4
25	*A* Ophiuchi (*south*)	5	9 29.86	− 0.41	+10.25	65 18 0.90	43.690	+ 5.54	+1 58.4	17 9 39.70	.....	−26 28 3.0	....
26	*A* Ophiuchi (*north*)	5	9 30.02	− 0.41	+10.25	65 18 0.90	43.422	+ 5.54	+1 58.4	17 9 39.86	.....	−26 27 56.5	....
27	θ Ophiuchi	9	16 10.19	− 0.40	+10.25	63 43 59.65	45.128	+ 5.54	+1 50.5	17 16 20.04	.....	−24 54 26.6	....
28	σ Ophiuchi	9	21 45.91	− 0.27	+10.23	34 37 59.28	43.688	+ 5.54	+ 37.8	17 21 55.89	.....	+ 4 13 19.5	....
29	α Ophiuchi	9	30 28.90	− 0.25	+10.25	26 14	......	....	....	17 30 38.90	.....	+12 37	....
30	β Ophiuchi	9	38 44.62	− 0.26	+10.25	34 13 57.90	46.090	+ 5.54	+ 37.3	17 38 54.61	.....	+ 4 36 26.3	....
	July 20, M.												
31	Moon I, N	9	51 14.15	− 0.36	+10.26	55 12 0.45	47.875	+ 6.01	+1 17.8	15 51 24.05	+70.47	−16 22 57.9	....
32	151 H^1. Cephei s. p.	9	6 51.56	+ 1.04	+10.26	304 11 52.20	42.930	+ 6.18	−1 19.2	4 7 2.86	.....	+85 18 19.6	....
33	κ Ophiuchi	9	53 7.72	− 0.26	+10.20	29 19 58.12	44.210	+ 6.18	+ 30.5	16 53 17.72	.....	+ 9 31 15.2	....
34	ε Herculis	8	56 35.64	− 0.22	+10.26	7 47 57.72	43.430	+ 6.18	+ 7.5	16 56 45.68	.....	+31 3 56.3	....
35	η Ophiuchi	9	4 54.67	− 0.35	+10.25	54 25 59.35	47.060	+ 6.18	+1 15.8	17 5 4.58	.....	−15 36 36.4	....
36	α Herculis	9	10 16.18	− 0.25	+10.25	24 22	......	....	....	17 10 26.19	.....	+14 29	....
37	δ Herculis	9	11 4.42	− 0.23	+10.27	13 53 57.52	45.465	+ 6.18	+ 13.5	17 11 14.45	.....	+24 57 3.8	....
38	B. D.+48°2504	8	17 20.72	− 0.22	+10.25	350 23 55.90	46.332	+ 6.18	− 9.1	17 17 30.75	− 1.99	+48 27 8.5	−14.2
39	σ Ophiuchi	9	21 45.85	− 0.28	+10.30	34 37 58.32	43.705	+ 6.18	+ 37.5	17 21 55.82	.....	+ 4 13 19.5	....
40	β Draconis	9	28 12.05	− 0.23	+10.25	346 29 57.00	43.138	+ 6.18	− 13.0	17 28 22.07	.....	+52 22 24.3	....
41	158 H^1. Cephei s. p.	.	.. ..	....	.....	304 1 54.10	44.427	+ 6.18	−1 20.0	5 31	.....	+85 8 55.0	....
42	β Ophiuchi	9	38 44.62	− 0.27	+10.26	34 13 59.08	46.048	+ 6.18	+ 37.0	17 38 54.60	.....	+ 4 36 25.7	....
43	ψ^1 Draconis	8	43 29.13	− 0.35	+10.25	326 39 54.08	45.612	+ 6.18	− 35.6	17 43 39.03	.....	+72 11 53.2	....
44	θ Herculis	9	52 55.86	− 0.22	+10.25	1 35 57.05	43.822	+ 6.18	+ 1.6	17 53 5.89	.....	+37 15 53.9	....
45	δ Ursæ Minoris	9	2 23.33	− 1.53	+10.25	312 15 54.38	43.623	+ 6.18	− 59.6	18 2 32.05	.....	+86 37 2.0	....
46	Groombridge 1004 s. p.	9	10 42.11	+ 1.56	+10.25	305 37 53.02	45.303	+ 6.18	−1 15.5	6 10 53.92	+15.56	+86 45 18.2	+11.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 22 2	......	....	73.2
22 20	......	....	73.3
22 45	29.90	73.8	73.0
17 6 39	29.94	85.8	85.9
18 7 48	29.94	87.0	87.3
19 7 52	29.90	83.9	83.3
14 54	29.815	81.5	80.2
16 1	29.80	79.9	79.0
16 35	......	....	78.3
16 52	29.81	78.9	78.1
17 20	......	....	77.3
17 45	29.81	78.1	77.3
20 15 51	29.69	81.9	81.2
16 47	29.71	80.8	80.7
17 15	......	....	79.8
17 53	29.71	79.2	78.8

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 4, 5, 10, 12, 25, 37.	Bisections at VI, VII.
8.	Bisections at I, II, VI, VII.
9, 11, 26, 28.	Bisections at I, II.
13, 31.	Bisections at II, III, IV, V, VI.
14, 32, 45, 46.	Bisections at III, IV, V.
15, 17, 18, 24, 40, 43.	Bisections at III, V.
30.	Bisections at I, VI.
38.	Bisections at III, VI.
41.	Bisections at b_1, b_3, b_5.

Notes.

4, 14–30. Clouds.

25–27. Very faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 1.5	.. ....	0.0	+ 1.5
9	+ 2.6	+15 45.1	...	+15 47.7
10	+ 2.6	−15 45.0	...	−15 42.4
11	+ 2.6	−15 45.3	...	−15 42.7
12	+ 2.7	+15 45.2	...	+15 47.9
13	+45 26.2	−16 2.1	...	+29 24.1
31	+48 50.6	−16 16.4	...	+32 34.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Lyræ	9	21 2.19	− 0.22	+10.25	359 23 55.28	44.970	+ 6.18	− 0.5	18 21 12.22	− 2.15	+39 27 31.6	−11.6
2	153 H¹. Draconis	9	35 49.15	− 0.28	+10.25	333 27 54.12	43.620	+ 6.18	− 27.1	18 35 59.12	− 3.24	+65 24 30.2	−11.3
	July 21, Hl.												
3	Moon I. N.	9	53 4.48	− 0.36	+10.16	58 40 3.35	43.965	+ 5.29	+1 30.7	16 53 14.28	+72.93	−19 49 43.7	....
4	74 B. Camelopardalis s. P.	9	27 4.67	+ 0.08	+10.15	293 51 54.00	46.085	+ 5.32	−2 3.8	5 27 14.90	.....	+74 58 48.2	....
5	f Draconis	9	32 13.16	− 0.15	+10.15	330 39 56.25	45.365	+ 5.32	− 31.0	17 32 23.16	− 2.89	+68 11 52.6	−14.9
6	β Ophiuchi	9	38 44.71	− 0.24	**+10.14**	34 14 1.62	45.972	+ 5.32	+ 37.7	17 38 54.62	.....	+ 4 36 24.9	....
7	87 Herculis	9	44 54.85	− 0.19	+10.15	13 11 57.92	44.675	+ 5.32	+ 13.0	17 45 4.81	− 1.90	+25 39 23.1	−11.4
8	99 B. Camelopardalis s. P.	9	52 27.67	+ 0.05	+10.15	285 47 55.90	45.500	+ 5.32	−3 11.8	5 52 37.87	+ 1.43	+66 53 28.5	+10.9
9	γ Sagittarii	9	59 42.76	− 0.43	+10.15	69 14 2.48	46.332	+ 5.32	+2 25.2	17 59 52.48	.....	−30 25 31.4	....
10	72 Ophiuchi	9	2 48.48	− 0.23	**+10.15**	29 17 59.15	44.445	+ 5.32	+ 31.1	18 2 58.40	.....	+ 9 33 9.0	....
11	δ Sagittarii	9	14 55.19	− 0.43	+10.15	68 42 3.08	42.610	+ 5.32	+2 21.3	18 15 4.91	.....	−29 52 3.0	....
12	109 Herculis	9	19 36.16	− 0.20	**+10.16**	17 7 59.70	43.400	+ 5.32	+ 17.1	18 19 46.11	.....	+21 43 46.3	....
13	2 H. Scuti	9	23 46.19	− 0.32	+10.15	53 27 58.08	44.180	+ 5.32	+1 14.7	18 23 56.02	.....	−14 37 27.4	....
14	3 H. Scuti	9	30 1.12	− 0.29	**+10.06**	47 9 59.82	42.190	+ 5.32	+ 59.7	18 30 10.98	.....	− 8 18 28.8	....
15	4 H. Scuti	9	37 3.17	− 0.30	**+10.22**	47 57 59.15	47.222	+ 5.32	+1 1.5	18 37 13.02	.....	− 9 8 24.6	....
16	Mars I. C.	5	41 20.03	− 0.42	+10.15	67 38 0.68	48.831	+ 5.32	+2 14.1	18 41 29.76	+ 0.86	−28 48 40.3	....
17	Mars II	5	41 21.73	− 0.42	+10.15	... .	......	.....	. ....	18 41 31.46	− 0.84	.. ..	....
18	θ Serpentis	9	51 27.98	− 0.24	**+10.11**	34 45 59.35	44.360	+ 5.32	+ 38.5	18 51 37.89	.....	+ 4 5 3.4	....
19	ε Aquilæ	9	55 16.19	− 0.22	**+10.19**	23 53 59.48	46.045	+ 5.32	+ 24.6	18 55 26.12	.....	+14 56 38.6	....
20	λ Aquilæ	9	1 11.09	− 0.28	**+10.16**	43 52 1.08	44.405	+ 5.32	+ 53.3	19 1 20.96	.....	− 5 1 14.1	....
21	π Sagittarii	9	4 6.53	− 0.36	+10.15	60 0 1.78	45.095	+ 5.32	+1 35.9	19 4 16.32	.....	−21 10 13.2	....
22	δ Draconis	9	12 25.94	− 0.15	+10.15	331 21 54.62	45.062	+ 5.32	− 30.2	19 12 35.94	.....	+67 30 0.4	....
23	τ Draconis	9	17 15.61	− 0.16	+10.15	325 41 58.42	42.325	+ 5.32	− 37.7	19 17 25.60	.....	+73 11 6.0	....
24	μ Aquilæ	.	.. ..	....	.....	31 40 0.65	44.602	+ 5.32	+ 34.3	19 29	.....	+ 7 11 0.8	....
25	ε Sagittæ	8	32 57.01	− 0.21	+10.15	22 35 59.58	44.225	+ 5.32	+ 23.1	19 33 6.95	− 2.11	+16 15 21.4	− 9.6
26	β Sagittæ	9	36 44.53	− 0.21	**+10.12**	21 36	......	....	. ....	19 36 54.47	.....	+17 15	....
	July 21, M.												
27	ξ Aquarii	9	32 40.16	− 0.27	**+10.25**	47 5 58.22	46.585	+ 5.87	+ 59.9	21 32 50.11	.....	− 8 16 8.2	....
28	13 H. Cephei	7	35 57.25	− 0.07	+10.22	341 47 53.68	44.380	+ 5.89	− 18.2	21 36 7.40	− 2.98	+57 4 4.5	− 0.6
29	λ Capricorni	9	41 23.86	− 0.29	+10.22	50 37 58.50	44.640	+ 5.91	+1 7.9	21 43 33.79	− 1.97	−11 47 32.1	−12.2
30	16 Pegasi	9	48 41.83	− 0.15	**+10.21**	13 21 55.98	44.932	+ 5.95	+ 13.3	21 48 51.90	.....	+25 29 18.2	....
31	134 G. Capricorni	.	.. ..	....	.....	60 27 59.08	43.005	+ 5.97	+1 38.1	21 53	.....	−21 37 25.6	−13.9
32	ο Aquarii	9	58 22.21	− 0.24	+10.21	41 25 57.30	47.038	+ 6.00	+ 49.2	21 58 32.18	− 1.90	− 2 36 7.1	−10.7
33	20 Cephei	9	2 4.01	− 0.04	+10.21	336 31 52.75	45.230	+ 6.02	− 24.1	22 2 14.18	.....	+62 19 51.7	....
34	ζ Cephei	9	7 30.38	− 0.05	+10.21	341 7 55.50	43.225	+ 6.05	− 19.0	22 7 40.54	.....	+57 44 29.7	....
35	θ Aquarii	9	11 47.56	− 0.27	**+10.21**	47 3 58.50	47.905	+ 6.07	+ 59.9	22 11 57.50	.....	− 8 14 38.9	....
36	47 Aquarii	9	16 20.53	− 0.36	+10.21	60 53 59.85	43.528	+ 6.09	+1 39.8	22 16 30.38	− 1.89	−22 3 40.1	−14.4
37	π Aquarii	9	20 23.50	− 0.23	**+10.22**	37 55 56.95	45.850	+ 6.11	+ 43.4	22 20 33.48	.....	+ 0 54 26.1	....
38	ζ Aquarii (*mean*)	9	23 54.41	− 0.24	+10.21	39 19 58.48	45.858	+ 6.13	+ 45.7	22 24 4.38	− 1.81	− 0 29 38.0	−10.2
39	7 Lacertæ	9	27 19.83	− 0.06	+10.21	349 3 56.48	43.580	+ 6.15	− 10.7	22 27 29.98	.....	+49 48 12.4	....
40	31 Cephei	9	33 22.74	+ 0.03	+10.21	325 41 52.85	46.750	+ 6.18	− 37.8	22 33 32.98	− 4.61	+73 9 30.6	+ 5.6
41	67 Aquarii	9	38 14.64	− 0.27	+10.21	46 15 56.45	48.555	+ 6.21	+ 58.2	22 38 24.58	− 1.75	− 7 26 50.1	−11.7
42	τ Aquarii	9	44 31.92	− 0.30	+10.21	52 55 55.15	42.640	+ 6.24	+1 13.6	22 44 41.83	− 1.72	−14 4 49.1	−13.2
43	δ Aquarii	9	49 34.78	− 0.32	**+10.22**	55 7 58.15	47.280	+ 6.27	+1 19.9	22 49 44.67	.....	−16 18 44.4	....
44	36 H. Cephei	9	55 11.08	+ 0.25	+10.21	315 1 53.15	44.195	+ 6.29	− 55.4	22 55 21.54	−10.69	+83 50 45.9	+ 8.4
45	3 Andromedæ	9	59 52.51	− 0.05	+10.21	349 17 55.68	47.535	+ 6.32	− 10.4	23 0 2.67	− 2.34	+49 32 42.4	+ 3.1
46	c² Aquarii	9	4 21.15	− 0.36	+10.21	60 29 55.92	45.790	+ 6.34	+1 38.3	23 4 31.00	.....	−21 40 26.6	....
47	φ Aquarii	9	9 22.03	− 0.26	**+10.23**	45 23 58.98	43.405	+ 6.37	+ 56.5	23 9 31.98	.....	− 6 32 53.4	....
48	ο Cephei	8	14 41.30	+ 0.03	+10.21	331 15 52.92	45.075	+ 6.39	− 30.4	23 14 51.54	.....	+67 36 1.2	....
49	4 Cassiopeiæ	9	20 34.77	0.00	+10.21	337 5 53.70	44.255	+ 6.42	− 23.5	23 20 44.98	.....	+61 46 12.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 18 46	29.71	78.2	78.0
21 16 43	29.82	73.7	72.1
17 3	.....	....	72.0
17 21	29.82	72.9	72.0
17 49	.....	....	71.6
18 6	.....	....	70.6
18 12	29.80	71.8	....
18 14	.....	....	70.5
18 33	.....	....	70.6
18 46	29.79	71.3	70.1
19 8	.....	....	69.9
19 24	.....	....	70.0
19 49	29.81	70.6	70.1
21 29	29.79	69.5	68.5
21 47	.....	....	67.7
22 6	.....	....	67.8
22 31	29.78	68.7	....
22 43	.....	....	68.0
23 21	29.77	68.8	....

Micrometer bisections are made at II, VI, except as noted below.

2, 4, 39, 40, 44, 45, 48, 40.	Bisections at III, V.
3.	Bisections at II, III, IV, V, VI.
6, 23, 25.	Bisections at VI, VII.
15.	Bisections at I, II.
16.	Z. D. threads C used.
16.	Bisections at I, II, VI, VII.
28.	Bisections at V, VI.

Notes.

7. Micrometer reading decreased 1 rev.

8, 9. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+51 27.4	−16 29.0	...	+34 58.4
16	+ 19.7	.. ....	0.0	+ 19.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	1 H. Cassiopeiæ	9	25 36.37	− 0.01	+10.21	340 49 55.45	44.435	+ 6.45	− 19.3	23 25 46.57	− 2.56	+58 2 2.2	+ 6.4
2	14 Piscium	9	29 13.66	− 0.24	+10.21	40 35 56.80	45.515	+ 6.47	+ 47.8	23 29 23.63	− 1.52	− 1 45 31.1	− 9.9
3	ι Piscium	9	35 1.52	− 0.21	**+10.23**	33 43 57.48	43.492	+ 6.50	+ 37.3	23 35 11.52	.....	+ 5 7 25.1	....
4	Venus II, C	9	0 21.05	− 0.18	+10.19	15 55 57.38	48.041	+ 6.28	+ 15.6	7 0 31.06	− 0.38	+22 54 3.1	....
	July 22, M.												
5	Sun I, S	9	2 7.34	− 0.19	+10.18	18 41 56.90	43.750	+ 6.26	+ 18.4	8 2 17.33	+67.45	+20 9 38.9	....
6	Sun II, N	9	4 22.24	− 0.19	+10.18	18 9 55.88	45.125	+ 6.26	+ 17.8	8 4 32.23	−67.45	+20 41 9.1	....
	July 22, Hl.												
7	θ Aquarii	9	11 47.78	− 0.30	**+10.04**	47 3 57.90	47.945	+ 4.77	+ 59.2	22 11 57.57	.....	− 8 14 37.2	....
8	γ Aquarii	9	16 43.28	− 0.27	**+10.07**	40 41 56.88	44.785	+ 4.81	+ 47.3	22 16 53.10	.....	− 1 51 12.1	....
9	σ Aquarii	9	25 35.69	− 0.32	**+10.10**	49 59 58.28	43.545	+ 4.87	+1 5.5	22 25 45.46	.....	−11 9 3.4	....
10	η Aquarii	9	30 26.69	− 0.27	**+10.08**	39 25 56.82	46.070	+ 4.91	+ 45.3	22 30 36.51	.....	− 0 35 39.5	....
11	30 Cephei	9	35 14.31	− 0.03	+10.09	335 45 52.58	45.020	+ 4.94	− 24.7	22 35 24.37	− 3.24	+63 5 58.0	+ 3.9
12	τ Aquarii	9	44 32.17	− 0.34	+10.08	52 55 57.02	42.612	+ 5.01	+1 12.7	22 44 41.91	− 1.75	−14 4 48.2	−13.4
13	94 H^1. Aquarii	9	50 13.53	− 0.29	+10.08	44 19 58.12	43.488	+ 5.05	+ 53.7	22 50 23.32	− 1.72	− 5 28 50.4	−11.4
14	3 Andromedæ	9	59 52.81	− 0.07	+10.08	349 17 55.78	47.585	+ 5.12	− 10.3	23 0 2.82	− 2.37	+49 32 42.1	+ 2.7
15	γ Piscium	9	12 12.50	− 0.25	**+10.10**	36 3 57.38	45.678	+ 5.21	+ 40.0	23 12 22.33	.....	+ 2 46 33.9	....
16	τ Pegasi	9	15 53.77	− 0.17	**+10.12**	15 35 54.90	48.550	+ 5.24	+ 15.4	23 16 3.68	.....	+23 13 55.1	....
17	Venus I, C	9	5 38.74	− 0.14	+10.09	16 1 58.02	46.745	+ 5.57	+ 15.5	7 5 48.69	+ 0.36	+22 48 32.9	....
18	Venus II	9	5 39.48	− 0.14	+10.09	... .	......	....	. ....	7 5 49.43	− 0.38	.. ..	....
	July 23, Hl.												
19	Sun I, S	9	6 6.53	− 0.15	+10.09	18 53 57.32	43.392	+ 5.83	+ 18.4	8 6 16.47	+67.41	+19 57 47.1	....
20	Sun II, N	9	8 21.35	− 0.15	+10.09	18 21 56.90	44.720	+ 5.83	+ 17.9	8 8 31.29	−67.41	+20 29 17.6	....
21	γ Herculis	9	17 40.66	− 0.23	**+10.12**	19 27 55.98	47.008	+ 5.54	+ 19.3	16 17 50.53	.....	+19 22 25.2	....
22	λ Ophiuchi	9	26 5.21	− 0.27	**+10.02**	36 39 58.02	43.642	+ 5.54	+ 40.5	16 26 15.04	.....	+ 2 11 18.7	....
23	σ Herculis	9	30 58.05	− 0.19	+10.10	356 13 55.90	44.035	+ 5.54	− 3.5	16 31 7.96	.....	+42 37 55.9	....
24	ζ Herculis	9	37 38.43	− 0.20	+10.10	7 5 56.62	42.178	+ 5.54	+ 6.8	16 37 48.33	.....	+31 46 27.4	....
25	18 Ophiuchi	9	43 57.01	− 0.39	+10.10	63 17 58.75	45.958	+ 5.54	+1 48.0	16 44 6.72	− 1.99	−24 28 42.2	+ 0.4
26	53 Herculis	9	49 18.14	− 0.20	+10.10	6 59 56.72	44.675	+ 5.54	+ 6.7	16 49 28.04	− 1.64	+31 51 30.3	−13.1
27	57 H^1. Camelopardalis S. P.	9	52 44.19	+ 0.21	+10.10	292 49 52.70	43.218	+ 5.54	−2 8.1	4 52 54.50	+ 1.22	+73 55 36.9	+14.6
28	e Herculis	9	14 19.66	− 0.20	+10.09	1 27 54.90	44.952	+ 5.54	+ 1.5	17 14 29.55	− 1.80	+37 23 31.0	−13.7
29	ρ Herculis (*fol.*)	9	20 20.33	− 0.20	+10.09	1 37 54.48	43.545	+ 5.54	+ 1.6	17 20 30.22	− 1.83	+37 14 3.5	−13.6
30	β Draconis	9	28 12.08	− 0.19	+10.09	346 29 53.02	43.288	+ 5.54	− 13.0	17 28 21.98	.....	+52 22 25.3	....
31	ξ Serpentis	9	32 7.93	− 0.34	**+10.09**	54 9 57.88	46.603	+ 5.54	+1 15.5	17 32 17.68	.....	−15 20 23.6	....
32	β Ophiuchi	9	38 44.76	− 0.26	**+10.10**	34 13 57.10	46.122	+ 5.54	+ 37.2	17 38 54.59	.....	+ 4 36 26.5	....
33	μ Herculis	9	42 41.12	− 0.21	**+10.08**	11 5 56.25	41.440	+ 5.54	+ 10.7	17 42 51.00	.....	+27 46 40.7	....
34	ν Ophiuchi	9	53 46.64	− 0.31	**+10.11**	48 35 58.92	45.308	+ 5.54	+1 2.0	17 53 56.42	.....	− 9 45 41.5	....
35	δ Ursæ Minoris	9	2 22.28	− 1.12	+10.09	312 15 53.20	43.703	+ 5.54	− 59.9	18 2 31.25	.....	+86 37 2.2	....
36	η Serpentis	9	16 22.06	− 0.29	**+10.09**	41 45 56.88	44.945	+ 5.54	+ 48.8	18 16 31.86	.....	− 2 55 18.0	....
37	109 Herculis	9	19 36.23	− 0.22	**+10.10**	17 7 56.25	43.522	+ 5.54	+ 16.9	18 19 46.10	.....	+21 43 46.9	....
38	Mars I, C	5	39 23.61	− 0.42	+10.09	67 39 59.65	50.444	+ 5.54	+2 12.5	18 39 33.28	+ 0.89	−28 51 14.8	....
39	Mars II	5	39 25.36	− 0.42	+10.09	... .	......	....	. ....	18 39 35.03	− 0.86	.. ..	....
40	51 H. Cephei S. P.	9	56 39.78	+ 1.32	+10.09	306 3 52.32	46.203	+ 5.54	−1 14.8	6 56 51.19	....	+87 11 38.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 23 46	29.77	67.5	66.2
7 0	29.78	79.3	80.2
22 8 4	29.77	81.3	82.0
22 3	29.66	73.8	72.0
22 20	......	....	71.8
20 39	......	....	72.0
22 58	29.66	73.0	....
23 2	......	....	72.7
23 21	......	....	73.0
23 30	29.67	73.4	73.1
7 6	29.75	84.7	85.0
23 8 8	29.73	86.0	86.2
16 4	29.745	80.5	80.6
16 9	......	....	79.9
16 35	......	....	79.0
16 40	......	....	79.0
16 57	......	....	78.6
17 0	29.76	79.1	....
17 17	......	....	78.0
17 24	......	....	78.0
17 49	......	....	77.3
18 11	......	....	76.9
18 24	......	....	76.8
18 36	29.76	77.0	76.8

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at III, V.
2, 6, 11, 20, 22. Bisections at VI, VII.
4, 17, 38. Bisections at I, II, VI, VII.
5, 19. Bisections at I, II.
16, 37. Bisections at II, VII.
25, 31. Bisections at II, VI, VII.
35, 40. Bisections at III, IV, V.
38. Z. D. threads C used.

Notes.

7–16. Conditions very poor; clouds.
8. Faint.
27. Haze.
27. Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 1.4	.. ....	0.0	+ 1.4
5	+ 2.8	+15 45.1	...	+15 47.9
6	+ 2.7	−15 45.0	...	−15 42.3
17	+ 1.4	....	0.0	+ 1.4
19	+ 2.8	+15 45.2	...	+15 48.0
20	+ 2.7	−15 45.2	...	−15 42.5
38	+ 19.6	.. ....	0.0	+ 19.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	July 23, P.		m s	s	s	° ′ ″	r	″	′ ″.	h m s	s	° ′ ″	″
1	Moon I, N.	9	6 42.76	− 0.38	+10.10	61 15 57.85	44.498	+ 5.54	+1 39.7	19 6 52.48	+75.44	−22 25 59.2	....
2	Moon S.	.	.. ..	....	.....	61 50 1.50	43.370	+ 5.54	+1 42.1	.. ..	.....	−22 59 40.3	....
3	γ Sagittæ.	9	54 29.57	− 0.18	**+10.05**	19 35 55.65	46.795	+ 5.83	+ 19.6	19 54 39.49	.....	+19 14 29.8	....
4	269 G. Sagittarii.	9	58 6.29	− 0.38	+10.10	61 39 57.60	47.788	+ 5.85	+1 41.7	19 58 16.01	− 2.32	−22 51 16.8	− 9.9
5	θ Aquilæ.	9	6 22.74	− 0.25	**+10.08**	39 55 57.58	46.050	+ 5.88	+ 46.0	20 6 32.59	.....	− 1 5 41.5	....
6	30 Cygni.	9	10 15.30	− 0.09	+10.10	352 19 55.30	43.675	+ 5.90	− 7.3	20 10 25.31	− 2.57	+46 32 8.3	− 7.8
7	β Capricorni.	9	15 39.68	− 0.32	**+10.15**	53 53 57.28	46.610	+ 5.92	+1 15.3	20 15 49.46	.....	−15 4 23.3	....
8	40 Cygni.	9	24 0.02	− 0.11	+10.10	0 43 55.68	43.240	+ 5.96	+ 0.8	20 24 10.01	− 2.38	+38 8 9.6	− 7.7
9	θ Cephei.	9	27 54.85	− 0.05	+10.10	336 11 52.52	42.392	+ 5.98	− 24.2	20 28 4.90	.....	+62 40 57.2	....
10	73 Draconis.	9	32 39.96	0.00	+10.10	324 13 52.25	45.048	+ 6.00	− 39.5	20 32 50.06	.....	+74 38 11.9	....
11	ψ Capricorni.	9	40 28.11	− 0.40	+10.10	64 25 58.12	44.240	+ 6.03	+1 54.6	20 40 37.81	.....	−25 36 9.3	....
12	ω Capricorni.	9	46 9.05	− 0.42	+10.10	66 3 58.42	48.317	+ 6.06	+2 3.6	20 46 18.73	− 2.31	−27 15 51.9	−12.2
13	7 Aquarii.	9	51 44.89	− 0.30	+10.10	48 53 58.75	43.705	+ 6.08	+1 3.1	20 51 54.69	− 2.12	−10 3 6.4	−11.4
14	θ Capricorni.	9	0 35.70	− 0.34	**+10.07**	56 25 56.02	45.265	+ 6.12	+1 22.9	21 0 45.46	.....	−17 35 59.1	....
15	f^2 Cygni.	9	3 16.57	− 0.07	+10.10	351 35 54.62	42.740	+ 6.13	− 8.1	21 3 26.60	− 2.61	+47 16 30.9	− 4.8
16	ζ Cygni.	9	8 50.94	− 0.13	**+10.08**	8 59 55.95	46.455	+ 6.16	+ 8.8	21 9 0.91	.....	+29 50 47.7	....
17	ζ Cygni.	9	13 38.19	− 0.10	+10.10	359 51 56.28	42.830	+ 6.18	− 0.1	21 13 48.19	.....	+39 0 19.1	....
18	ζ Capricorni.	9	21 14.00	− 0.39	+10.10	61 37 58.72	46.125	+ 6.21	+1 41.7	21 21 23.71	.....	−22 48 40.4	....
19	β Cephei.	9	27 22.08	+ 0.04	+10.10	328 41 53.45	47.550	+ 6.24	− 33.3	21 27 32.22	.....	+70 9 7.2	....
20	ξ Aquarii.	9	32 40.31	− 0.29	**+10.15**	47 5 57.90	46.578	+ 6.26	+ 59.3	21 32 50.12	.....	− 8 16 7.6	....
21	ι Piscis Australis.	9	39 17.26	− 0.49	+10.10	72 15 59.30	43.510	+ 6.29	+2 50.6	21 39 26.87	− 2.22	−33 26 50.1	−14.9
22	16 Pegasi.	9	48 41.98	− 0.14	**+10.08**	13 21 55.82	44.875	+ 6.33	+ 13.1	21 48 51.94	.....	+25 29 19.4	....
23	134 G. Capricorni.	9	53 25.03	− 0.38	+10.10	60 27 58.95	43.042	+ 6.35	+1 37.0	21 53 34.75	− 2.03	−21 37 25.5	−14.0
24	ο Aquarii.	9	58 22.31	− 0.26	+10.10	41 25 57.90	46.968	+ 6.38	+ 48.7	21 58 32.15	− 1.94	− 2 36 6.0	−11.1
25	μ Piscis Australis.	9	2 50.17	− 0.50	+10.10	72 15 59.58	42.160	+ 6.40	+2 50.8	22 2 59.77	− 2.11	−33 26 19.9	−15.9
26	θ Aquarii.	9	11 47.67	− 0.29	**+10.16**	47 3 59.08	47.843	+ 6.44	+ 59.4	22 11 57.48	.....	− 8 14 38.0	....
27	Venus I, C.	7	10 56.58	− 0.10	+10.07	16 7 57.72	47.175	+ 6.75	+ 15.7	7 11 6.55	+ 0.36	+22 42 22.0	....
28	Venus II.	7	10 57.32	− 0.10	+10.07	... .	......	....	. ....	7 11 7.29	− 0.38	.. ..	....
	July 24, P.												
29	Sun I, N.	9	10 5.09	− 0.11	+10.07	18 34 0.22	44.995	+ 6.22	+ 18.1	8 10 15.05	+67.31	+20 17 7.5	....
30	Sun II, S.	9	12 19.72	− 0.11	+10.07	19 5 55.28	43.950	+ 6.22	+ 18.7	8 12 29.68	−67.32	+19 45 35.6	....
31	Venus I, C.	7	16 14.02	− 0.21	+10.06	16 15 57.45	44.210	+ 6.14	+ 15.7	7 16 23.87	+ 0.40	+22 35 30.6	....
32	Venus II.	7	16 14.84	− 0.21	+10.06	... .	......	....	. ....	7 16 24.69	− 0.42	.. ..	....
	July 25, P.												
33	Sun I, S.	9	14 3.15	− 0.22	+10.06	19 17 57.80	45.278	+ 6.05	+ 18.8	8 14 12.99	+67.19	+19 33 2.9	....
34	Sun II, N.	9	16 17.54	− 0.22	+10.06	18 45 55.98	46.578	+ 6.05	+ 18.3	8 16 27.38	−67.20	+20 4 35.5	....
	July 25, Ei.-M.												
35	κ Ophiuchi.	9	53 7.78	− 0.21	**+10.06**	29 19 59.28	44.155	+ 5.60	+ 30.5	16 53 17.65	.....	+ 9 31 15.8	....
36	C. P. D. −25°5954.	9	6 23.10	− 0.48	+10.08	63 58 0.05	45.112	+ 5.60	+1 50.8	17 6 32.70	− 2.08	−25 8 27.0	− 0.5
37	α Herculis.	9	10 16.29	− 0.30	**+10.16**	24 21 59.25	42.815	+ 5.60	+ 24.6	17 10 26.07	.....	+14 29 52.4	....
38	C. P. D. −27°5608.	9	11 56.17	− 0.50	+10.08	66 29 59.72	43.800	+ 5.60	+2 4.4	17 12 5.75	− 2.15	−27 40 10.3	− 0.2
39	σ Ophiuchi.	9	21 46.01	− 0.32	**+10.15**	34 38 0.38	43.600	+ 5.60	+ 37.6	17 21 55.77	.....	+ 4 13 20.3	....
40	B. D. −16°4526.	9	23 48.28	− 0.42	+10.08	55 20 0.35	47.745	+ 5.60	+1 18.6	17 23 57.94	− 2.02	−16 30 55.3	− 3.4
41	B. D. −20°4790.	9	27 45.67	− 0.44	+10.08	59 32 0.02	46.535	+ 5.60	+1 32.3	17 27 55.31	− 2.09	−20 42 41.0	− 2.7
42	α Ophiuchi.	9	30 29.03	− 0.30	**+10.14**	26 13 59.60	42.970	+ 5.60	+ 26.8	17 30 38.81	.....	+12 37 46.3	....
43	C. P. D. −28°5741.	9	33 1.12	− 0.50	+10.08	67 10 1.35	46.798	+ 5.60	+2 8.6	17 33 10.70	− 2.24	−28 21 24.6	− 1.2
44	B. D. −19°4683.	9	35 40.84	− 0.43	+10.08	58 13 59.68	46.150	+ 5.60	+1 27.7	17 35 50.49	− 2.10	−19 24 27.3	− 3.4
45	B. D. −18°4645.	9	41 53.06	− 0.42	+10.08	56 53 59.60	45.975	+ 5.60	+1 23.4	17 42 2.72	− 2.10	−18 4 18.7	− 3.9
46	C. P. D. −30°4919.	9	43 10.35	− 0.52	+10.08	69 22 1.90	47.495	+ 5.60	+2 23.7	17 43 19.91	− 2.32	−30 33 56.2	− 1.4
47	B. D. −22°4436.	9	45 21.49	− 0.45	+10.08	61 42 2.15	48.350	+ 5.60	+1 40.9	17 45 31.12	− 2.18	−22 53 33.2	− 3.2
48	C. P. D. −27°5845.	9	47 36.79	− 0.49	+10.08	66 4 0.28	47.880	+ 5.60	+2 2.2	17 47 46.38	− 2.27	−27 15 41.9	− 2.3
49	C. P. D. −23°6680.	9	50 42.57	− 0.45	+10.08	62 12 0.02	45.598	+ 5.60	+1 43.0	17 50 52.20	− 2.21	−23 22 30.3	− 3.3
50	C. P. D. −29°5112.	8	54 10.52	− 0.51	+10.08	68 42 1.62	45.710	+ 5.60	+2 18.9	17 54 20.09	− 2.34	−29 53 10.3	− 2.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 19 9	29.765	76.1	75.5
19 51	29.75	75.0	74.2
20 16	......	....	74.0
20 33	......	....	73.5
20 53	29.75	74.5	73.3
21 22	......	....	73.0
21 40	......	....	72.8
22 4	......	....	71.8
22 13	29.74	73.0	71.5
7 13	29.765	83.5	84.4
24 8 12	29.75	85.0	85.2
7 16	29.75	85.0	85.0
25 8 16	29.75	86.8	87.1
16 51	29.69	80.6	79.4
17 15	29.675	79.7	78.4
17 38	......	....	77.8

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at I, II, III.
2.	Bisections at V, VI.
6, 9, 10, 17.	Bisections at III, V.
12, 18, 20, 22, 25, 26, 27.	Bisections at II, VI, VII.
15, 19.	Bisections at IV, V.
29, 33, 45.	Bisections at I, II.
30, 34.	Bisections at VI, VII.
31.	Bisections at I, II, VI, VII.
46, 48.	Bisections at II, VII.

Notes.

1.	Revolutions of micrometer reading assumed.
1, 2.	Circle reading decreased 6°.
18, 25, 43, 49, 50.	Unsteady.
48.	Image poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+53 34.3	−16 41.9	+ 0.1	+36 52.5
2	+53 51.7	+16 41.9	...	+70 33.6
27	+ 1.5	.. ....	0.0	+ 1.5
29	+ 2.7	−15 45.9	...	−15 43.2
30	+ 2.8	+15 45.9	...	+15 48.7
31	+ 1.5	.. ....	0.0	+ 1.5
33	+ 2.8	+15 46.3	...	+15 49.1
34	+ 2.8	−15 46.3	...	−15 43.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D. −20°4952	9	56 56.83	− 0.44	+10.08	59 33 59.45	45.270	+ 5.60	+1 32.5	17 57 6.47	− 2.18	−20 44 11.5	− 4.1
2	B. D. −22°4533	9	58 10.22	− 0.45	+10.08	61 40 1.18	45.275	+ 5.60	+1 40.8	17 58 19.85	− 2.22	−22 50 21.9	− 3.8
3	C. P. D. −28°6304	9	2 4.26	− 0.50	+10.08	67 16 0.32	48.490	+ 5.60	+2 9.5	18 2 13.84	− 2.33	−28 28 3.2	− 3.0
4	B. D. −22°4597	9	5 0.03	− 0.44	+10.08	61 4 1.50	48.135	+ 5.60	+1 38.4	18 5 9.67	− 2.23	−22 15 25.1	− 4.3
5	C. P. D. −27°6281	9	8 12.98	− 0.48	+10.08	66 20 0.58	47.568	+ 5.60	+2 3.9	18 8 22.58	− 2.33	−27 31 36.9	− 3.5
6	C. P. D. −23°7007	9	10 45.88	− 0.46	+10.08	62 46 0.98	43.835	+ 5.60	+1 45.5	18 10 55.50	− 2.27	−23 55 53.2	− 4.3
7	B. D. −22°4655	9	12 12.63	− 0.44	+10.08	61 12 1.95	45.905	+ 5.60	+1 38.9	18 12 22.27	− 2.25	−22 22 35.3	− 4.6
8	B. D. −18°4926	9	15 47.27	− 0.42	+10.08	57 44 0.48	45.132	+ 5.60	+1 26.2	18 15 56.93	− 2.20	−18 54 3.3	− 5.4
9	C. P. D. −27°6398	9	19 47.52	− 0.48	+10.08	66 18 0.42	47.298	+ 5.60	+2 3.7	18 19 57.12	− 2.36	−27 29 30.2	− 4.2
10	C. P. D. −26°6475	9	23 2.34	− 0.48	+10.08	65 28 0.62	44.578	+ 5.60	+1 58.9	18 23 11.94	− 2.35	−26 38 23.4	− 4.5
11	C. P. D. −24°6440	9	27 25.91	− 0.45	+10.08	63 0 0.78	45.688	+ 5.60	+1 46.7	18 27 35.54	− 2.31	−24 10 36.8	− 5.1
12	B. D. −20°5189	9	29 40.87	− 0.43	+10.08	59 43 59.52	46.705	+ 5.60	+1 33.3	18 29 50.52	− 2.26	−20 54 45.4	− 5.8
13	84 G. Sagittarii	9	32 43.92	− 0.45	+10.08	62 23 59.68	46.942	+ 5.60	+1 44.1	18 32 53.55	− 2.31	−23 35 1.7	− 5.5
14	B. D. −19°5134	9	37 18.93	− 0.42	+10.08	58 11 59.28	45.882	+ 5.60	+1 27.8	18 37 28.59	− 2.25	−19 22 20.8	− 6.4
15	B. D. −17°5310	9	40 4.99	− 0.41	+10.08	56 27 58.82	46.235	+ 5.60	+1 22.2	18 40 14.66	− 2.23	−17 38 22.9	− 6.7
16	C. P. D. −24°6534	9	46 2.68	− 0.45	+10.08	63 35 58.48	43.440	+ 5.60	+1 49.5	18 46 12.31	− 2.35	−24 45 45.9	− 6.1
17	σ Sagittarii	9	49 22.68	− 0.47	+10.08	65 14 0.70	45.432	+ 5.60	+1 57.8	18 49 32.29	.....	−26 24 42.1	....
18	B. D. −19°5242	9	52 0.34	− 0.42	+10.08	58 5 58.02	46.252	+ 5.60	+1 27.5	18 52 10.00	− 2.27	−19 16 27.7	− 7.1
19	B. D. −17°5409	9	54 53.98	− 0.40	+10.08	56 25 59.12	47.038	+ 5.60	+1 22.1	18 55 3.66	− 2.25	−17 36 41.4	− 7.4
20	C. P. D. −24°6583	9	58 0.94	− 0.45	+10.08	62 54 0.75	44.215	+ 5.60	+1 46.3	18 58 10.57	− 2.35	−24 4 2.7	− 6.8
21	B. D. −16°5153 (*south*)	9	1 23.85	− 0.40	+10.08	55 11 59.45	45.995	+ 5.60	+1 18.4	19 1 33.53	− 2.24	−16 22 14.2	− 7.8
22	C. P. D. −23°7376	9	2 59.98	− 0.44	+10.08	62 9 59.72	44.602	+ 5.60	+1 43.1	19 3 9.62	− 2.35	−23 20 7.3	− 7.2
23	C. P. D. −27°6662	9	8 3.14	− 0.47	+10.08	65 52	......	....	.....	19 8 12.75	− 2.42	−27 1	....
24	C. P. D. −28°6852	9	10 51.01	− 0.49	+10.08	67 38 0.38	47.675	+ 5.60	+2 12.1	19 11 0.60	− 2.45	−28 49 46.9	− 7.0
25	*d* Sagittarii	9	12 4.28	− 0.41	**+10.08**	57 58 0.72	42.370	+ 5.60	+1 27.1	19 12 13.95	.....	−19 7 1.3	....
26	δ Aquilæ	9	20 40.93	− 0.31	**+10.10**	35 55 59.02	42.178	+ 5.60	+ 39.6	19 20 50.70	.....	+ 2 55 51.2	....
27	μ Aquilæ	9	29 25.11	− 0.29	**+10.12**	31 39 57.38	44.745	+ 5.60	+ 33.7	19 29 34.90	.....	+ 7 11 1.0	....
	July 25, Hl.												
28	Moon N	.	.. ..	....	.....	57 7 59.82	43.308	+ 5.78	+1 24.5	.. ..	.....	−18 17 16.8	....
29	Moon II, S	9	22 34.47	− 0.36	+10.03	57 40 0.48	46.668	+ 5.78	+1 26.3	21 22 44.14	−72.72	−18 50 41.4	....
30	*o* Aquarii	9	58 22.49	− 0.27	+10.03	41 25 59.90	46.945	+ 5.51	+ 48.4	21 58 32.25	− 1.98	− 2 36 6.4	−11.4
31	ι Aquarii	9	1 17.38	− 0.33	**+ 9.90**	53 9 59.62	43.142	+ 5.51	+1 13.0	22 1 27.08	.....	−14 19 3.7	....
32	λ Piscis Australis	9	8 55.12	− 0.43	+10.03	67 2 1.68	46.870	+ 5.51	+2 8.7	22 9 4.72	− 2.07	−28 13 26.8	−15.4
33	θ Aquarii	9	11 47.89	− 0.30	**+ 9.99**	47 4 1.30	47.785	+ 5.51	+ 58.9	22 11 57.62	.....	− 8 14 37.4	....
34	30 H. Camelopardalis S.P.	8	19 29.60	+ 0.10	+10.03	301 55 54.58	42.430	+ 5.51	−1 27.4	10 19 39.73	+ 8.80	+83 2 1.9	− 5.4
35	σ Aquarii	9	25 35.78	− 0.31	**+10.06**	50 0 1.30	43.375	+ 5.51	+1 5.2	22 25 45.50	.....	−11 9 2.9	....
36	49 G. Piscis Australis	9	33 28.84	− 0.47	+10.03	72 22 4.12	45.532	+ 5.51	+2 50.9	22 33 38.40	− 2.00	−33 33 40.6	−16.9
37	η Pegasi	9	38 30.74	− 0.17	**+10.00**	9 5 57.88	48.118	+ 5.51	+ 8.8	22 38 40.60	.....	+29 44 8.4	....
38	ι Cephei	9	46 15.80	− 0.12	+10.03	333 7 56.30	48.598	+ 5.51	− 27.6	22 46 25.71	.....	+65 42 35.0	....
39	36 H. Cephei	9	55 12.44	− 0.21	+10.03	315 1 57.88	43.957	+ 5.51	− 54.5	22 55 22.26	−11.08	+83 50 46.6	+ 7.0
40	59 Pegasi	9	6 54.40	− 0.23	+10.03	30 37 59.30	44.688	+ 5.51	+ 32.5	23 7 4.20	− 1.76	+ 8 13 1.8	− 8.4
41	γ Piscium	9	12 12.73	− 0.25	**+ 9.94**	36 4 0.75	45.490	+ 5.51	+ 40.0	23 12 22.51	.....	+ 2 46 34.5	....
42	τ Pegasi	9	15 54.00	− 0.19	**+ 9.98**	15 37 59.10	43.062	+ 5.51	+ 15.4	23 16 3.84	.....	+23 13 56.2	....
43	70 Pegasi	9	24 19.01	− 0.22	+10.03	26 35 58.72	45.155	+ 5.51	+ 27.5	23 24 28.82	.....	+12 14 56.7	....
44	b^3 Aquarii	9	28 16.69	− 0.37	+10.03	60 16 3.05	43.078	+ 5.51	+1 35.8	23 28 26.35	− 1.62	−21 25 28.4	−15.7
45	κ Andromedæ	9	35 41.69	− 0.14	+10.03	355 1 58.10	46.252	+ 5.51	− 4.7	23 35 51.58	− 2.11	+43 49 4.3	+ 2.3
46	i^1 Aquarii	9	39 14.59	− 0.36	**+10.10**	57 38 1.18	43.250	+ 5.51	+1 26.4	23 39 24.26	.....	−18 47 21.1	....
47	φ Pegasi	9	47 37.18	− 0.20	**+10.01**	20 13 59.02	47.175	+ 5.51	+ 20.3	23 47 47.01	.....	+18 36 18.4	....
48	ψ Pegasi	9	52 52.93	− 0.18	+10.03	14 13 59.48	44.268	+ 5.51	+ 14.0	23 53 2.78	− 1.70	+24 37 29.6	− 2.4
	July 26, Hl.												
49	λ Ophiuchi	9	26 5.16	− 0.27	**+10.05**	36 40 2.45	43.485	+ 5.00	+ 40.6	16 26 14.98	.....	+ 2 11 18.5	....
50	ζ Herculis	9	37 38.51	− 0.18	+10.09	7 6 0.90	41.992	+ 5.04	+ 6.8	16 37 48.42	.....	+31 46 27.9	....
51	ι Herculis	9	36 42.44	− 0.14	+10.09	352 47 58.30	45.130	+ 5.20	− 6.8	17 36 52.39	.....	+46 3 32.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 18 0	29.665	73.3	77.1
18 20	......	....	76.8
18 42	29.65	77.5	76.2
19 6	......	....	75.8
19 31	29.635	76.5	75.4
21 23	29.595	75.0	73.9
21 52	29.60	74.8	73.4
22 7	......	....	73.2
22 30	......	....	72.9
23 1	29.59	73.5	72.1
23 20	......	....	71.8
23 43	......	....	71.9
23 59	29.565	73.1	72.0
26 16 14	29.60	78.0	76.2
16 23	......	....	76.0
16 41	......	....	75.2
17 26	29.63	75.8	74.3

Micrometer bisections are made at II, VI, except as noted below.

1, 6, 24.	Bisections at I, II.
2, 15, 20, 22, 26, 27.	Bisections at II, VII.
5, 7, 17, 32.	Bisections at VI, VII.
28.	Bisections at I, II, III.
29.	Bisections at V, VI, VII.
30, 38.	Bisections at II, VI, VII.
34.	Bisections at b_2, b_4, b_5.
39.	Bisections at III, IV, V.

Notes.

14.	Hazy.
30–48.	Conditions poor.
36, 38.	Faint.
39, 44.	Very unsteady.
49, 50.	Clouds.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
28	+50 54.0	−16 33.2	...	+34 20.8
29	+51 13.3	+16 33.2	− 1.0	+67 45.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Herculis	9	42 41.09	− 0.18	**+10.07**	11 5 59.35	41.298	+ 5.22	+ 10.8	17 42 51.00	.....	+27 46 41.0	....
2	89 Herculis	9	51 32.12	− 0.18	**+10.08**	12 48 0.28	42.832	+ 5.24	+ 12.5	17 51 42.03	.....	+26 4 3.4	....
3	δ Ursæ Minoris	9	2 20.50	− 0.32	+10.09	312 15 56.15	43.580	+ 5.27	−1 0.1	18 2 30.27	.....	+86 37 2.6	....
4	η Serpentis	9	16 22.12	− 0.28	**+10.02**	41 46 0.25	44.770	+ 5.31	+ 49.0	18 16 31.93	.....	− 2 55 17.4	....
5	109 Herculis	9	19 36.23	− 0.19	**+10.06**	17 8 1.10	43.302	+ 5.32	+ 17.0	18 19 46.13	.....	+21 43 47.3	....
6	23 H. Camelopardalis s. p.	9	30 8.31	+ 0.07	+10.09	298 33 56.18	42.395	+ 5.34	−1 40.4	6 30 18.47	.....	+79 39 49.4	....
7	153 H¹. Draconis	9	35 49.06	− 0.12	+10.09	333 27 57.65	43.452	+ 5.36	− 27.4	18 35 59.03	− 3.09	+65 24 31.4	−13.1
8	51 H. Cephei s. p.	9	56 41.06	+ 0.40	+10.09	306 3 55.60	46.075	+ 5.42	−1 15.3	6 56 51.55	.....	+87 11 37.7	....
	July 26, P.												
9	θ Aquarii	9	11 47.78	− 0.26	**+10.09**	47 4 2.50	47.672	+ 5.42	+1 0.3	22 11 57.61	.....	− 8 14 37.4	....
10	2 Lacertæ	9	17 3.43	− 0.03	+10.09	352 47 59.72	43.658	+ 5.42	− 7.0	22 17 13.49	− 2.49	+46 4 4.4	− 1.7
11	Moon II, N.	9	24 13.53	− 0.31	+10.09	53 2 1.15	45.570	+ 5.42	+1 14.4	22 24 23.31	−70.28	−14 12 1.1	....
12	ζ Pegasi	9	36 41.39	− 0.18	**+10.14**	28 30 0.32	45.142	+ 5.42	+ 30.5	22 36 51.30	.....	+10 20 52.4	....
13	13 Lacertæ	9	39 48.79	− 0.04	+10.09	357 32 0.10	44.038	+ 5.42	− 2.4	22 39 58.84	− 2.30	+41 19 50.8	− 1.4
14	δ Aquarii	9	49 35.02	− 0.32	**+10.10**	55 8 2.05	47.045	+ 5.42	+1 20.5	22 49 44.79	.....	−16 18 42.7	....
15	36 H. Cephei	9	55 11.03	+ 0.76	+10.09	315 1 57.22	44.048	+ 5.42	− 55.8	22 55 21.88	−11.16	+83 50 46.6	+ 6.8
16	c² Aquarii	9	4 21.43	− 0.36	+10.09	60 30 2.95	45.380	+ 5.42	+1 39.1	23 4 31.16	.....	−21 40 24.2	....
17	ψ¹ Aquarii	9	10 53.16	− 0.28	+10.09	48 26 2.18	44.545	+ 5.42	+1 3.3	23 11 2.97	− 1.72	− 9 35 28.5	−13.0
18	11 G. Sculptoris	9	16 10.42	− 0.41	+10.09	66 18 3.68	47.045	+ 5.42	+2 7.6	23 16 20.10	− 1.74	−27 29 31.4	−16.9
19	4 Cassiopeiæ	9	20 34.99	+ 0.10	+10.09	337 5 57.18	44.085	+ 5.42	− 23.6	23 20 45.18	.....	+61 46 13.8	....
20	70 Pegasi	9	24 18.79	− 0.16	+10.09	26 36 1.75	44.948	+ 5.42	+ 28.2	23 24 28.72	.....	+12 14 57.5	....
21	72 Pegasi	9	29 12.12	− 0.07	+10.09	8 2 0.52	46.522	+ 5.42	+ 8.0	23 29 22.14	.....	+30 48 43.1	....
22	ι Piscium	9	35 1.71	− 0.20	**+10.16**	33 44 1.75	43.282	+ 5.42	+ 37.6	23 35 11.60	.....	+ 5 7 26.4	....
23	i¹ Aquarii	9	39 14.62	− 0.34	**+10.07**	57 38 3.00	43.068	+ 5.42	+1 28.6	23 39 24.37	.....	−18 47 20.9	....
24	δ Sculptoris	9	43 56.92	− 0.43	+10.09	67 28 4.08	43.758	+ 5.42	+2 14.9	23 44 6.58	.....	−28 38 24.0	....
25	274 G. Aquarii	9	48 24.20	− 0.39	+10.09	63 34 4.30	45.052	+ 5.42	+1 52.8	23 48 33.90	− 1.54	−24 44 31.6	−16.7
26	27 Piscium	9	53 46.43	− 0.25	+10.09	42 56 2.28	41.555	+ 5.42	+ 52.3	23 53 56.27	.....	− 4 4 9.3	....
27	2 Ceti	9	58 50.37	− 0.34	**+10.05**	56 40 2.05	47.560	+ 5.42	+1 25.5	23 59 0.12	.....	−17 50 59.5	....
28	α Andromedæ	9	3 26.38	− 0.08	**+10.14**	10 18 1.65	41.355	+ 5.42	+ 10.3	0 3 36.39	.....	+28 34 37.8	....
29	γ Pegasi	9	8 18.33	− 0.15	**+10.14**	24 12 2.02	42.200	+ 5.42	+ 25.3	0 8 28.27	.....	+14 40 3.2	....
30	σ Andromedæ	9	13 19.71	− 0.03	+10.09	2 36 0.50	43.015	+ 5.42	+ 2.6	0 13 29.77	.....	+36 16 8.7	....
31	ρ Andromedæ	9	16 4.88	− 0.03	+10.09	1 24 0.48	45.692	+ 5.42	+ 1.4	0 16 14.94	− 1.79	+37 27 8.7	+ 2.1
32	10 Ceti	9	21 42.70	− 0.23	+10.09	39 24 3.20	45.920	+ 5.42	+ 46.3	0 21 52.56	− 1.40	− 0 33 44.0	− 9.8
33	Venus I, C	8	26 47.37	− 0.07	+10.12	16 32 3.12	43.160	+ 6.20	+ 16.4	7 26 57.42	+ 0.37	+22 19 48.2	....
34	Venus II	9	26 48.13	− 0.07	+10.12	... .	......	....	.....	7 26 58.18	− 0.39	.. ..	....
	July 27, P.												
35	Sun I, N.	8	21 57.04	− 0.09	+10.12	19 12 3.08	46.300	+ 5.61	+ 19.2	8 22 7.07	+67.11	+19 38 34.3	....
36	Sun II, S.	9	24 11.27	− 0.09	+10.12	19 44 3.35	45.180	+ 5.61	+ 19.7	8 24 21.30	−67.12	+19 6 59.1	....
37	τ Scorpii	9	29 57.74	− 0.47	+10.15	66 50 2.52	46.878	+ 5.76	+2 8.8	16 30 7.42	.....	−28 1 27.7	....
38	ζ Ophiuchi	9	31 54.18	− 0.35	**+10.10**	49 14 2.55	42.525	+ 5.77	+1 4.1	16 32 3.98	.....	−10 22 43.9	....
39	24 Scorpii	9	36 3.61	− 0.39	+10.15	56 24 2.12	44.412	+ 5.78	+1 23.2	16 36 13.37	− 1.81	−17 33 45.7	− 1.1
40	18 Ophiuchi	9	43 56.91	− 0.44	+10.15	63 18 3.10	45.602	+ 5.81	+1 49.7	16 44 6.62	− 1.96	−24 28 40.5	+ 0.6
41	53 Herculis	9	49 18.14	− 0.20	+10.15	6 59 59.82	44.455	+ 5.83	+ 6.8	16 49 28.09	− 1.59	+31 51 31.9	−13.6
42	κ Ophiuchi	9	53 7.76	− 0.27	**+10.12**	29 20 0.45	44.028	+ 5.84	+ 31.1	16 53 17.64	.....	+ 9 31 16.8	....
43	30 Ophiuchi	9	56 1.22	− 0.32	+10.15	42 56 1.68	43.615	+ 5.85	+ 51.5	16 56 11.05	.....	− 4 4 55.6	....
44	19 H. Camelopardalis s. p.	9	7 0.89	− 0.05	+10.15	297 59 56.55	46.355	+ 5.89	−1 43.2	5 7 10.99	.....	+79 7 18.1	....
45	δ Herculis	9	11 4.44	− 0.21	**+10.17**	13 54 0.78	45.250	+ 5.90	+ 13.8	17 11 14.38	.....	+24 57 5.7	....
46	ω Herculis	9	17 2.57	− 0.19	+10.15	6 15 59.48	44.805	+ 5.92	+ 6.1	17 17 12.53	.....	+32 35 24.8	....
47	σ Ophiuchi	9	21 45.98	− 0.28	**+10.13**	34 38 0.82	43.478	+ 5.94	+ 38.3	17 21 55.85	.....	+ 4 13 21.7	....
48	158 H¹. Cephei s. p.	9	31 48.78	− 0.07	+10.15	304 1 57.22	44.363	+ 5.98	−1 21.7	5 31 58.86	.....	+85 8 54.7	....
49	μ Herculis	9	42 41.01	− 0.19	**+10.15**	11 5 59.50	41.245	+ 6.01	+ 10.9	17 42 50.97	.....	+27 46 41.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 17 45	......	....	73.5
18 7	......	....	73.0
18 24	29.64	73.2	72.0
18 43	......	....	70.8
19 3	29.65	71.5	70.0
22 9	29.67	65.8	63.0
22 31	......	....	62.5
22 50	......	....	62.0
23 8	29.665	65.0	61.8
23 30	......	....	61.3
23 49	......	....	61.0
0 9	......	....	60.8
0 22	29.67	62.5	60.1
7 27	29.76	73.0	73.0
27 8 24	29.76	74.8	75.0
16 27	29.755	71.9	70.6
16 47	......	....	70.8
17 12	......	....	70.6
17 39	29.77	70.0	69.2

Micrometer bisections are made at II, VI, except as noted below.

1, 39.	Bisections at II, VII.
3, 8, 44.	Bisections at III, IV, V.
4, 9, 24.	Bisections at II, VI, VII.
6, 10, 13, 19.	Bisections at III, V.
11.	Bisections at I, II, III, V, VI.
15.	Bisections at IV, V.
20, 36, 40, 43.	Bisections at VI, VII.
25.	Bisections at I, II, VI.
33.	Bisections at I, II, VI, VII.
35, 37.	Bisections at I, II.
48.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

41. Micrometer reading increased 1 rev.
47. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+47 51.5	−16 23.6	...	+31 27.9
33	+ 1.5	.. ....	0.0	+ 1.5
35	+ 2.8	−15 47.5	...	−15 44.7
36	+ 2.9	+15 47.6	...	+15 50.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′	r	″	′ ″	h m s	s	° ′ ″	″
1	z Herculis	9	47 29.33	− 0.14	+10.15	350 25 57.90	45.672	+ 6.03	− 9.3	17 47 39.34	− 2.05	+48 25 21.9	−14.8
2	89 Herculis	9	51 31.99	− 0.20	**+10.22**	12 47 59.48	42.813	+ 6.04	+ 12.6	17 51 41.94	.....	+26 4 3.5	....
3	γ Draconis	7	54 18.79	− 0.13	+10.15	347 19 58.85	48.860	+ 6.05	− 12.4	17 54 28.81	.....	+51 30 10.7	....
4	γ Sagittarii	9	59 42.72	− 0.47	+10.15	69 14 3.42	46.290	+ 6.07	+2 25.5	17 59 52.40	.....	−30 25 32.4	....
5	o Herculis	9	3 46.87	− 0.18	**+10.15**	10 6 0.78	45.225	+ 6.08	+ 9.9	18 3 56.84	.....	+28 45 10.0	....
6	δ Sagittarii	8	14 55.26	− 0.47	+10.15	68 42 3.65	42.517	+ 6.12	+2 21.5	18 15 4.94	.....	−29 52 2.5	....
7	ε Sagittarii	8	17 52.94	− 0.50	+10.15	73 14 3.32	45.165	+ 6.13	+3 2.5	18 18 2.59	.....	−34 25 43.6	....
8	2 H. Scuti	9	23 46.18	− 0.35	+10.15	53 28 2.52	43.932	+ 6.15	+1 14.9	18 23 55.98	.....	−14 37 27.2	....
9	23 H. Camelopardalis s. p.	9	30 8.53	− 0.11	+10.15	298 33 56.28	42.343	+ 6.17	−1 41.3	6 30 18.57	.....	+79 39 48.3	....
10	Mars I, C	5	36 4.99	− 0.46	+10.15	67 42 3.72	52.146	+ 6.19	+2 14.9	18 36 14.68	+ 0.87	−28 54 0.8	....
11	Mars II	5	36 6.68	− 0.46	+10.15	... .	......	....	. ....	18 36 16.37	− 0.82	.. ..	....
12	ε^1 Lyræ (*south*)	8	41 7.69	− 0.14	+10.15	359 18 0.58	42.170	+ 6.21	− 0.6	18 41 17.70	− 2.18	+39 34 30.0	−12.7
13	24 H. Camelopardalis s. p.	9	46 17.51	− 0.09	+10.15	295 59 57.52	42.445	+ 6.23	−1 53.1	6 46 27.57	+ 3.40	+77 5 40.2	+10.3
14	B. D.+52°2294	9	49 22.44	− 0.10	+10.15	346 1 59.88	40.238	+ 6.24	− 13.8	18 49 32.49	− 2.51	+52 51 28.4	−12.7
15	ε Aquilæ	7	55 16.19	− 0.22	**+10.19**	23 54 0.25	45.950	+ 6.26	+ 24.7	18 55 26.12	.....	+14 56 38.8	....
16	ζ Aquilæ	9	1 0.32	− 0.22	**+10.13**	25 8 1.88	43.225	+ 6.28	+ 26.1	19 1 10.25	.....	+13 43 38.2	....
	July 27, Hl.												
17	Moon II, N	9	21 48.87	− 0.25	+10.14	48 9 4.48	47.828	+ 5.44	+1 2.6	23 21 58.76	−67.91	− 9 20 45.2	....
	July 29, M.												
18	π Herculis	9	11 40.28	− 0.09	+10.03	1 56 0.10	46.020	+ 5.28	+ 1.9	17 11 50.22	.....	+36 55 1.2	....
19	d Ophiuchi	9	21 17.52	− 0.43	+10.03	68 36 3.78	45.140	+ 5.32	+2 20.6	17 21 27.12	.....	−29 47 0.8	....
20	β Draconis	9	28 11.83	− 0.03	+10.03	346 30 0.80	42.932	+ 5.35	− 13.2	17 28 21.83	.....	+52 22 26.2	....
21	f Draconis	8	32 12.63	+ 0.05	+10.03	330 39 58.58	45.195	+ 5.37	− 31.0	17 32 22.71	− 2.58	+68 11 54.4	−16.6
22	ω Draconis	9	37 22.28	+ 0.06	+10.03	330 3 59.25	44.135	+ 5.39	− 31.8	17 37 32.37	.....	+68 48 18.7	....
23	ψ^1 Draconis	9	43 28.41	+ 0.09	+10.03	326 39 57.52	45.435	+ 5.42	− 36.3	17 43 38.53	.....	+72 11 55.2	....
24	θ Herculis	9	52 55.83	− 0.09	+10.03	1 36 0.18	43.592	+ 5.46	+ 1.6	17 53 5.77	.....	+37 15 56.8	....
25	η Serpentis	9	16 22.06	− 0.25	**+10.04**	41 46	......	....	. ....	18 16 31.84	.....	− 2 55	....
26	109 Herculis	9	19 36.17	− 0.15	**+10.07**	17 8 2.32	43.238	+ 5.57	+ 17.1	18 19 46.05	.....	+21 43 47.2	....
27	3 H. Scuti	9	30 1.18	− 0.27	**+ 9.99**	47 10 2.25	42.105	+ 5.62	+ 59.8	18 30 10.94	.....	− 8 18 29.3	....
28	Mars I, C	5	34 44.40	− 0.42	+10.03	67 42 3.52	52.826	+ 5.64	+2 14.7	18 34 54.01	+ 0.83	−28 54 15.4	....
29	Mars II	5	34 46.01	− 0.42	+10.03	... .	......	....	. ....	18 34 55.62	− 0.78	.. ..	....
30	110 Herculis	7	41 31.73	− 0.15	**+ 9.99**	18 24 1.88	43.760	+ 5.67	+ 18.5	18 41 41.61	.....	+20 27 34.2	....
31	θ Serpentis	9	51 28.06	− 0.22	**+10.01**	34 46 2.00	44.200	+ 5.71	+ 38.5	18 51 37.87	.....	+ 4 5 4.0	....
32	ε Aquilæ	9	55 16.28	− 0.17	**+10.05**	23 54	......	....	. ....	18 55 26.14	.....	+14 56	....
33	51 H. Cephei s. p.	.	.. ..	....	.....	306 3 58.90	45.833	+ 5.73	−1 15.7	6 56	.....	+87 11 35.5	....
34	λ Ursæ Minoris	9	15 14.39	+ 2.77	+10.03	309 51 57.20	45.878	+ 5.81	−1 6.1	19 15 27.19	.....	+89 0 13.4	....
35	4 B. Ursæ Minoris s. p.	9	4 27.56	− 2.51	+10.03	307 47 58.28	43.380	+ 5.95	−1 11.1	8 4 35.08	.....	+88 54 42.8	....
	July 29, Hl.												
36	13 Lacertæ	9	39 49.06	− 0.05	+ 9.96	357 32 2.32	43.888	+ 5.46	− 2.3	22 39 58.97	− 2.36	+41 19 51.5	− 2.3
37	μ Pegasi	9	45 23.03	− 0.12	**+ 9.99**	14 44 2.32	46.215	+ 5.46	+ 14.6	22 45 32.87	.....	+24 6 41.7	....
38	36 H. Cephei	9	55 11.69	+ 0.47	+ 9.96	315 1 59.58	43.835	+ 5.46	− 55.1	22 55 22.12	−11.46	+83 50 48.4	+ 5.9
39	A Piscium	9	3 47.24	− 0.21	+ 9.96	37 16 3.55	37.755	+ 5.46	+ 42.2	23 3 56.99	− 1.84	+ 1 37 26.3	−10.7
40	φ Aquarii	9	9 22.52	− 0.25	**+ 9.92**	45 24 3.18	43.150	+ 5.46	+ 56.2	23 9 32.23	.....	− 6 32 50.6	....
41	γ Piscium	7	12 12.73	− 0.20	**+ 9.98**	36 4 3.50	45.300	+ 5.46	+ 40.4	23 12 22.49	.....	+ 1 46 35.5	....
42	4 Cassiopeiæ	9	20 35.40	+ 0.04	+ 9.96	337 5 59.10	43.950	+ 5.46	− 23.3	23 20 45.40	.....	+61 46 14.4	....
43	70 Pegasi	8	24 19.06	− 0.17	+ 9.96	26 36 1.62	44.972	+ 5.46	+ 27.8	23 24 28.85	.....	+12 14 57.5	....
44	ι Piscium	9	35 1.98	− 0.19	**+ 9.95**	33 44 3.52	43.168	+ 5.46	+ 37.1	23 35 11.75	.....	+ 5 7 27.5	....
45	i^1 Aquarii	9	39 14.80	− 0.32	**+ 9.95**	57 38 3.92	43.110	+ 5.46	+1 27.4	23 39 24.44	.....	−18 47 21.7	....
46	φ Pegasi	9	47 37.31	− 0.14	**+ 9.92**	20 14 2.15	47.002	+ 5.46	+ 20.5	23 47 47.13	.....	+18 36 18.0	....
47	ψ Pegasi	9	52 53.12	− 0.12	+ 9.96	14 14 1.00	44.155	+ 5.46	+ 14.1	23 53 2.96	− 1.80	+24 37 30.6	− 3.3
48	128 H^1. Camelopardalis s. p.	9	59 40.78	− 0.80	+ 9.96	304 59 58.05	42.750	+ 5.46	−1 18.8	11 59 49.94	+13.48	+86 6 20.9	−11.2
49	35 Piscium	9	10 3.13	− 0.18	+ 9.96	30 32 1.75	46.265	+ 5.46	+ 32.8	0 10 12.91	− 1.58	+ 8 18 23.0	− 7.7
50	d Piscium	9	15 40.44	− 0.18	+ 9.96	31 10 1.58	45.808	+ 5.46	+ 33.6	0 15 50.22	− 1.55	+ 7 40 32.6	− 7.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 18 0	......	....	69.7
18 21	......	....	69.3
18 42	......	....	69.1
18 50	......	....	68.1
19 2	29.77	68.9	68.0
23 22	29.77	66.3	65.1
29 16 51	29.63	69.7	69.0
17 26	......	....	68.0
17 48	29.64	68.8	68.0
19 28	29.63	68.2	67.2
20 9	29.63	68.7	67.9
22 33	29.62	67.9	67.4
22 49	......	....	67.4
23 7	......	....	67.1
23 34	29.62	67.7	67.0
0 4	......	....	67.0

Micrometer bisections are made at II, VI, except as noted below.

1, 14, 20–23.	Bisections at III, V.
2, 6.	Bisections at II, VI, VII.
3, 12, 15, 36, 41, 43, 44, 45, 50.	Bisections at VI, VII.
9, 13, 38, 48.	Bisections at III, IV, V.
10, 28.	Z. D. threads C used.
10, 19, 28.	Bisections at I, II, VI, VII.
17.	Bisections at II, III, IV, V, VI.
27.	Bisections at I, II.
30.	Bisections at I, VI.
33.	Bisections at b_1, b_2, b_5.
34, 35.	Bisections at b_1, b_2, b_5, b_8, b_9.

Notes.

12.	Assumed that south star was observed as directed on observing list.
12.	Micrometer reading increased 1 rev.
17.	Micrometer reading decreased 1 rev.
19, 23.	Haze.
25, 30, 33, 34.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 19.3	.. ....	0.0	+ 19.3
17	+43 58.0	−16 9.0	...	+27 49.0
28	+ 19.1	.. ....	0.0	+ 19.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	10 Ceti	9	21 43.00	− 0.22	+ 9.96	39 24 2.95	45.962	+ 5.46	+ 45.6	0 21 52.74	− 1.48	− 0 33 44.1	−10.2
2	12 Ceti	9	25 9.28	− 0.24	+ **9.88**	43 20 2.88	41.398	+ 5.46	+ 52.3	0 25 19.00	.....	− 4 28 6.4	....
3	ε Andromedæ	9	33 30.08	− 0.10	**+10.01**	10 4 2.80	41.922	+ 5.46	+ 9.9	0 33 39.94	.....	+28 48 24.0	....
4	Moon II, N	9	7 22.93	− 0.22	+ 9.96	37 46 3.48	44.709	+ 5.46	+ 43.0	1 7 32.67	−64.68	+ 1 4 46.6	....
5	Venus I, C	9	42 33.64	− 0.13	+ 9.96	17 0 3.52	44.385	+ 5.52	+ 16.6	7 42 43.47	+ 0.33	+21 51 20.3	....
6	Venus II	9	42 34.31	− 0.13	+ 9.96	... .	......	....	. ....	7 42 44.14	− 0.34	.. ..	....
	July 30, Hl.												
7	Sun I, S	9	33 44.00	− 0.14	+ 9.96	20 26 0.72	43.818	+ 5.62	+ 20.2	8 33 53.82	+66.78	+18 25 32.3	....
8	Sun II, N	9	35 57.57	− 0.14	+ 9.96	19 54 1.72	45.075	+ 5.62	+ 19.6	8 36 7.39	−66.79	+18 57 3.2	....
	July 30, Ei.-M.												
9	ζ Ophiuchi	9	31 54.21	− 0.34	**+10.03**	49 14 3.18	42.580	+ 5.28	+1 3.1	16 32 3.88	.....	−10 22 44.3	....
10	κ Ophiuchi	9	53 7.86	− 0.27	+ **9.99**	29 19 59.30	44.135	+ 5.28	+ 30.7	16 53 17.60	.....	+ 9 31 16.4	....
11	C. P. D. −29°4601	9	5 55.48	− 0.46	+10.01	68 10 1.95	46.807	+ 5.28	+2 15.6	17 6 5.03	− 2.12	−29 21 32.1	+ 0.8
12	α Herculis	9	10 16.30	− 0.26	**+10.06**	24 22 1.05	42.698	+ 5.28	+ 24.8	17 10 26.05	.....	+14 29 53.4	....
13	σ Ophiuchi	8	21 46.05	− 0.29	**+10.05**	34 38 0.88	43.565	+ 5.28	+ 37.7	17 21 55.77	.....	+ 4 13 20.9	....
	July 30, Hl.												
14	η Serpentis	9	16 22.27	− 0.30	+ **9.88**	41 46 1.92	44.740	+ 5.05	+ 49.1	18 16 31.94	.....	− 2 55 18.2	....
15	μ Lyræ	9	21 2.46	− 0.19	+ 9.97	359 24 0.52	44.708	+ 5.06	− 0.5	18 21 12.24	− 2.07	+39 27 33.4	−14.0
16	3 H. Scuti	9	30 1.30	− 0.32	+ **9.92**	47 10 3.12	42.055	+ 5.09	+ 59.2	18 30 10.95	.....	− 8 18 27.9	....
17	Mars I, C	5	34 9.10	− 0.44	+ 9.97	67 42 4.85	52.460	+ 5.10	+2 13.5	18 34 18.63	+ 0.90	−28 54 6.6	....
18	Mars II	5	34 10.84	− 0.44	+ 9.97	... .	......	....	. ....	18 34 20.37	− 0.84	.. ..	....
19	204 B. Draconis	9	44 31.24	− 0.18	+ 9.97	345 58 1.30	45.825	+ 5.14	− 13.7	18 44 41.03	− 2.45	+52 53 19.8	−13.8
20	ο Draconis	9	49 42.95	− 0.18	+ 9.97	339 35 58.45	42.738	+ 5.15	− 20.4	18 49 52.74	.....	+59 16 40.2	....
21	ζ Aquilæ	9	1 0.56	− 0.24	+ **9.91**	25 8 2.22	43.248	+ 5.18	+ 25.8	19 1 10.29	.....	+13 43 38.7	....
22	π Sagittarii	9	4 6.81	− 0.38	+ 9.97	60 0 4.45	45.018	+ 5.20	+1 35.1	19 4 16.40	.....	−21 10 13.2	....
23	ψ Sagittarii	9	9 43.23	− 0.41	+ 9.97	64 14 3.25	46.180	+ 5.21	+1 53.4	19 9 52.79	.....	−25 24 57.0	....
24	143 B. Camelopardalis s. p.	9	21 0.70	+ 0.07	+ 9.97	287 33 58.68	43.880	+ 5.25	−2 50.8	7 21 10.74	.....	+68 39 15.5	....
25	β Cygni	9	26 50.69	− 0.21	+ **9.97**	11 6 1.42	42.935	+ 5.27	+ 10.8	19 27 0.44	.....	+27 46 1.6	....
26	51 B. Cygni	9	33 27.64	− 0.18	+ 9.96	355 21 58.78	43.725	+ 5.29	− 4.4	19 33 37.42	− 2.42	+43 30 1.3	−11.6
27	10 Vulpeculæ	9	39 43.40	− 0.22	+ 9.96	13 18 1.80	45.230	+ 5.31	+ 13.1	19 39 53.14	− 2.20	+25 33 6.4	−11.4
28	δ Sagittæ	9	43 6.92	− 0.24	+ **9.97**	20 32 0.60	46.740	+ 5.31	+ 20.7	19 43 16.64	.....	+18 18 25.5	....
29	Groombridge 3402	7	53 29.66	− 1.96	+ 9.96	310 1 57.60	44.373	+ 5.35	−1 5.4	19 53 37.66	−55.51	+88 50 48.6	− 8.0
30	α² Capricorni	8	12 46.36	− 0.34	**+10.01**	51 40 2.02	45.262	+ 5.41	+1 9.8	20 12 55.98	.....	−12 49 51.2	....
31	β Capricorni	9	15 39.98	− 0.35	+ **9.94**	53 54 1.85	46.382	+ 5.42	+1 15.7	20 15 49.59	.....	−15 4 22.6	....
32	69 Aquilæ	9	24 39.97	− 0.30	+ 9.96	42 2 3.32	45.320	+ 5.44	+ 49.8	20 24 49.63	− 2.20	− 3 11 33.9	−11.1
33	ε Delphini	9	28 38.69	− 0.25	+ **9.98**	27 52 1.98	43.828	+ 5.46	+ 29.3	20 28 48.40	.....	+10 59 22.0	....
	July 30, P.												
34	30 H. Camelopardalis s. p.	5	19 29.57	+ 0.08	+ 9.97	301 55 55.85	42.350	+ 5.69	−1 28.4	10 19 39.62	+ 9.03	+83 2 0.0	− 4.0
35	σ Aquarii	9	25 35.99	− 0.34	+ **9.98**	50 0 2.62	43.302	+ 5.69	+1 6.0	22 25 45.62	.....	−11 9 3.7	....
36	η Aquarii	9	30 26.97	− 0.29	+ **9.98**	39 26 2.45	45.742	+ 5.69	+ 45.6	22 30 36.65	.....	− 0 35 38.7	....
37	ζ Pegasi	9	36 41.73	− 0.25	+ **9.95**	28 30 1.68	45.065	+ 5.69	+ 30.1	22 36 51.44	.....	+10 20 52.9	....
38	τ Aquarii	9	44 32.51	− 0.35	+ 9.96	52 56 0.85	42.388	+ 5.69	+1 13.4	22 44 42.12	− 1.93	−14 4 48.3	−14.1
39	γ Piscis Australis	9	47 14.07	− 0.50	+ 9.96	72 10 3.55	46.110	+ 5.69	+2 51.2	22 47 23.53	− 2.05	−33 21 53.7	−17.2
40	36 H. Cephei	9	55 12.32	− 0.09	+ 9.96	315 1 57.55	43.908	+ 5.69	− 55.3	22 55 22.19	−11.58	+83 50 48.6	+ 5.6
41	c² Aquarii	9	4 21.72	− 0.40	+ 9.96	60 30 3.42	45.402	+ 5.69	+1 38.0	23 4 31.28	.....	−21 40 24.3	....
42	ψ¹ Aquarii	9	10 53.43	− 0.32	+ 9.96	48 26 1.80	44.580	+ 5.69	+1 2.7	23 11 3.07	− 1.82	− 9 35 28.6	−13.3
43	249 B. Ursæ Majoris s. p.	9	17 8.58	− 0.05	+ 9.96	283 45 56.88	44.232	+ 5.69	−3 41.6	11 17 18.49	.....	+64 50 31.4	....
44	1 H. Cassiopeiæ	9	25 36.99	− 0.09	+ 9.96	340 49 59.50	44.202	+ 5.69	− 19.3	23 25 46.86	− 2.86	+58 2 4.2	+ 3.6
45	72 Pegasi	9	29 12.45	− 0.16	+ 9.96	8 2 0.20	46.490	+ 5.69	+ 7.9	23 29 22.25	.....	+30 48 43.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 0 37	[illegible]	67.6	67.3
1 7	29.65	67.8	67.8
7 43	29.70	80.1	80.7
30 8 36	[illegible]	81.0	81.5
16 29	[illegible]	77.1	77.8
[illegible]	......	....	77.0
17 23	29.72	76.0	76.8
18 5	29.74	75.2	75.0
18 13	......	....	74.4
18 39	29.74	74.2	73.8
18 54	......	....	73.0
19 13	......	....	73.6
19 31	......	....	73.0
20 7	29.74	72.2	71.4
20 20	......	....	71.2
20 37	29.745	71.8	71.2
22 16	29.72	71.0	69.6
22 35	......	....	69.0
22 57	......	....	68.0
23 30	29.71	68.5	66.9

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at II, III, IV, V, VI.
5, 17.	Bisections at I, II, VI, VII.
7, 16.	Bisections at I, II.
8, 19, 23, 35.	Bisections at VI, VII.
9, 14, 31, 32.	Bisections at II, VII.
11, 37, 41, 45.	Bisections at II, VI, VII.
17.	Z. D. threads C used.
24, 43.	Bisections at III, IV, V.
29.	Bisections at b_4, b_5, b_6.
34.	Bisections at II, III, IV.
40, 44.	Bisections at III, V.

Notes.

1, 23, 24.	Very unsteady.
2.	Windy.
11.	Faint; unsteady.
30, 33.	Faint; haze.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+34 54.3	−15 37.1	...	+19 17.2
5	+ 1.5	.. ....	0.0	+ 1.5
7	+ 3.0	+15 45.4	...	+15 48.4
8	+ 2.9	−15 45.4	...	−15 42.5
17	+ 19.0	.. ....	0.0	+ 19.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Piscium	9	37 10.09	− 0.27	+ 9.96	37 34 2.70	46.200	+ 5.69	+ 42.9	23 37 19.78	− 1.72	+ 1 16 13.2	−10.4
2	ψ Andromedæ	9	41 17.81	− 0.11	+ 9.96	352 57 59.85	43.362	+ 5.69	− 6.8	23 41 27.66	− 2.28	+45 54 10.6	+ 1.8
3	φ Pegasi	9	47 37.34	− 0.20	+ **9.98**	20 14 1.90	47.020	+ 5.69	+ 20.6	23 47 47.10	.....	+18 36 17.5	....
4	27 Piscium	9	53 46.73	− 0.29	+ 9.96	42 56 1.80	41.560	+ 5.69	+ 51.7	23 53 56.40	.....	− 4 4 8.6	....
5	2 Ceti	9	58 50.56	− 0.37	+**10.00**	56 40 1.48	47.618	+ 5.69	+1 24.5	23 59 0.15	.....	−17 50 59.5	....
6	22 Andromedæ	9	5 21.25	− 0.09	+ 9.96	353 18 0.78	45.908	+ 5.69	− 6.5	0 5 31.12	.....	+45 33 11.2	....
7	4 H. Draconis s. p.	9	7 37.54	− 0.17	+ 9.96	297 1 57.18	43.655	+ 5.69	−1 48.1	12 7 47.33	.....	+78 8 11.9	....
8	10 Ceti	9	21 43.03	− 0.26	+ 9.96	39 24 2.65	45.930	+ 5.69	+ 45.7	0 21 52.73	− 1.50	− 0 33 43.4	−10.3
9	κ Cassiopeiæ	9	27 35.23	− 0.01	+ 9.96	336 27 58.92	42.120	+ 5.69	− 24.1	0 27 45.18	− 2.73	+62 24 57.2	+ 8.2
10	ε Andromedæ	9	33 30.19	− 0.14	+ **9.97**	10 4 0.78	42.010	+ 5.69	+ 9.9	0 33 40.01	.....	+28 48 23.8	....
11	β Ceti	9	38 47.12	− 0.36	+ **9.95**	57 20 2.70	43.782	+ 5.69	+1 26.6	0 38 56.72	.....	−18 29 35.2	....
12	δ Piscium	9	43 43.08	− 0.22	+ **9.97**	31 46 1.25	44.965	+ 5.69	+ 34.5	0 43 52.82	.....	+ 7 4 51.3	....
13	Moon II, N.	9	57 18.66	− 0.20	+ 9.96	32 48 2.28	43.401	+ 6.17	+ 36.1	1 57 28.42	−63.99	+ 6 3 23.9	....
14	Venus I, C.	9	47 47.78	− 0.16	+ 9.96	17 10 2.52	46.454	+ 5.97	+ 16.9	7 47 57.58	+ 0.41	+21 40 33.2	....
15	Venus II	9	47 48.62	− 0.16	+ 9.96	... .	......	....	.....	7 47 58.42	− 0.43	.. ..	....
	July 31, P.												
16	Sun I, S.	9	37 38.51	− 0.18	+ 9.96	20 40 1.50	44.972	+ 5.85	+ 20.6	8 37 48.29	+66.72	+18 11 4.6	....
17	Sun II, N.	9	39 51.95	− 0.18	+ 9.96	20 8 2.22	46.102	+ 5.85	+ 20.0	8 40 1.73	−66.72	+18 42 38.7	....
18	9 Camelopardalis s. p.	9	44 38.04	− 0.09	+ 9.96	285 5 56.60	44.278	+ 5.34	−3 19.2	4 44 47.91	.....	+66 10 54.2	....
19	κ Ophiuchi	9	53 7.89	− 0.30	+ **9.98**	29 20 1.22	44.002	+ 5.34	+ 30.9	16 53 17.55	.....	+ 9 31 17.3	....
20	ε Herculis	9	56 35.72	− 0.23	+ 9.96	7 48 1.60	43.150	+ 5.34	+ 7.6	16 56 45.45	.....	+31 3 59.8	....
21	B. D.+30°2931	9	4 10.14	− 0.23	+ 9.96	8 11 59.62	42.270	+ 5.34	+ 8.0	17 4 19.87	− 1.62	+30 40 21.3	−14.0
22	α Herculis	9	10 16.41	− 0.28	+ **9.96**	24 22 1.28	42.645	+ 5.34	+ 24.9	17 10 26.09	.....	+14 29 54.2	....
23	θ Ophiuchi	9	16 10.41	− 0.47	+ 9.96	63 44 3.05	44.992	+ 5.34	+1 51.0	17 16 19.90	.....	−24 54 27.2	....
24	d Ophiuchi	9	21 17.66	− 0.52	+ 9.96	68 36 3.95	45.310	+ 5.34	+2 19.4	17 21 27.10	.....	−29 47 3.7	....
25	74 B. Camelopardalis s. p.	9	27 5.89	− 0.07	+ 9.96	293 51 58.25	45.790	+ 5.34	−2 3.0	5 27 15.78	.....	+74 58 46.6	....
26	ξ Serpentis	9	32 8.09	− 0.40	+ **9.95**	54 10 2.18	46.370	+ 5.34	+1 16.1	17 32 17.64	.....	−15 20 22.9	....
27	ι Herculis	9	36 42.56	− 0.18	+ 9.95	352 48 0.78	44.968	+ 5.34	− 6.9	17 36 52.33	.....	+46 3 33.4	....
28	X Sagittarii	9	41 35.19	− 0.49	+ 9.95	66 38 3.28	42.470	+ 5.34	+2 6.7	17 41 44.65	− 2.22	−27 47 45.5	− 1.6
29	89 Herculis	9	51 32.22	− 0.23	+ **9.99**	12 48 0.40	42.805	+ 5.34	+ 12.5	17 51 41.94	.....	+26 4 3.8	....
30	δ Ursæ Minoris	9	2 19.28	− 0.12	+ 9.95	312 15 57.15	43.496	+ 5.34	−1 0.3	18 2 29.11	.....	+86 37 3.8	....
31	Groombridge 1004 s. p.	9	10 46.94	− 0.04	+ 9.95	305 37 59.08	45.020	+ 5.34	−1 16.4	6 10 56.85	+12.42	+86 45 16.1	+14.2
32	447 B. Herculis	9	18 34.78	− 0.25	+ 9.95	21 4 3.42	45.260	+ 5.34	+ 21.3	18 18 44.48	− 1.95	+17 46 55.9	−11.8
33	χ Draconis	9	22 37.92	− 0.12	+ 9.95	326 9 57.70	45.810	+ 5.34	− 36.8	18 22 47.75	.....	+72 41 47.1	....
34	23 H. Camelopardalis s. p.	9	30 8.92	− 0.07	+ 9.95	298 33 58.60	42.235	+ 5.34	−1 40.5	6 30 18.80	.....	+79 39 48.1	....
35	4 H. Scuti	9	37 3.43	− 0.34	+**10.01**	47 58 6.35	46.962	+ 5.34	+1 1.1	18 37 13.04	.....	− 9 8 25.6	....
36	ε^2 Lyræ (*pr.*)	9	41 10.16	− 0.18	+ 9.95	359 20 2.02	45.850	+ 5.34	− 0.6	18 41 19.93	− 2.15	+39 31 5.7	−13.7
37	50 Draconis	9	49 17.44	− 0.11	+ 9.95	323 31 59.48	46.178	+ 5.34	− 40.6	18 49 27.28	.....	+75 19 40.6	....
38	51 H. Cephei s. p.	8	56 42.65	+ 0.02	+ 9.95	306 3 58.10	45.872	+ 5.34	−1 15.3	6 56 52.62	.....	+87 11 35.8	....
39	ι Lyræ	7	3 51.45	− 0.18	+ 9.95	2 54 1.05	44.915	+ 5.34	+ 2.9	19 4 1.22	.....	+35 57 24.5	....
40	d Sagittarii	9	12 4.44	− 0.39	+ **9.91**	57 58 5.25	42.195	+ 5.34	+1 28.0	19 12 14.00	.....	−19 7 2.5	....
41	τ Draconis	9	17 15.20	− 0.10	+ 9.95	325 41 59.80	42.120	+ 5.34	− 37.5	19 17 25.05	.....	+73 11 10.0	....
42	δ Aquilæ	9	20 41.13	− 0.28	+ **9.88**	35 56 3.62	41.935	+ 5.34	+ 40.0	19 20 50.80	.....	+ 2 55 53.0	....
	August 1, Hl.												
43	θ Aquarii	9	11 48.24	− 0.30	+ **9.77**	47 4 4.48	47.628	+ 4.88	+ 59.3	22 11 57.73	.....	− 8 14 36.8	....
44	ρ Aquarii	9	15 10.94	− 0.30	+ 9.79	47 8 5.40	43.602	+ 4.88	+ 59.4	22 15 20.43	− 2.06	− 8 17 6.0	−13.0
45	ζ Aquarii (*mean*)	9	23 55.16	− 0.27	+ 9.79	39 20 3.40	45.619	+ 4.88	+ 45.2	22 24 4.68	− 2.03	− 0 29 35.7	−11.8
46	η Aquarii	9	30 27.22	− 0.27	+ **9.75**	39 26 3.18	45.728	+ 4.88	+ 45.4	22 30 36.74	.....	− 0 35 38.1	....
47	ζ Pegasi	9	36 41.85	− 0.23	+ **9.85**	28 30 3.30	45.020	+ 4.88	+ 30.0	22 36 51.41	.....	+10 20 53.3	....
48	13 Lacertæ	7	39 49.40	− 0.13	+ 9.79	357 32 1.88	43.890	+ 4.88	− 2.3	22 39 59.06	− 2.43	+41 19 52.5	− 3.2
49	δ Aquarii	9	49 35.48	− 0.34	+ **9.79**	55 8 4.62	47.022	+ 4.88	+1 19.1	22 49 44.93	.....	−16 18 42.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 23 45	......	....	67.0
0 9	......	....	67.4
0 31	......	....	67.2
0 45	29.705	68.0	67.0
1 58	29.71	65.2	64.0
7 48	29.75	77.5	77.7
31 8 40	29.76	78.8	78.6
16 40	29.771	76.0	75.1
17 0	......	....	74.0
17 20	......	....	73.9
17 40	......	....	73.1
18 8	......	....	72.6
18 24	29.70	73.0	72.1
18 45	......	....	71.9
19 13	......	....	71.2
19 22	29.69	72.2	71.2
1 22 5	29.63	71.8	70.2
22 17	......	....	70.0
22 43	......	....	69.9
22 54	29.63	71.0	70.0

Micrometer bisections are made at II, VI, except as noted below.

2, 6, 9, 27, 33, 36, 37, 41.	Bisections at III, V.
7, 18, 25, 34.	Bisections at III, IV, V.
13.	Bisections at II, III, IV, V, VI.
14, 45.	Bisections at I, II, VI, VII.
16.	Bisections at I, II.
17, 44, 48.	Bisections at VI, VII.
30, 31.	Bisections at b_1, b_3, b_5, b_7, b_9.
38.	Bisections at b_1, b_3, b_5, b_7.
39.	Bisections at IV, V.

Notes.

9, 10. Micrometer reading increased 1 rev.
39. Revolutions of micrometer reading assumed.
43. Haze and clouds.
45. Faint.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
13	+30 21.8	−15 22.4	...	+14 59.4
14	+ 1.5	.. ....	0.0	+ 1.5
16	+ 3.0	+15 47.0	...	+15 50.0
17	+ 3.0	−15 47.1	...	−15 44.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Pegasi	9	0 0.10	− 0.21	+ **9.76**	24 8 3.38	46.552	+ 4.88	+ 24.8	23 0 9.68	.....	+14 42 23.3	....
2	59 Pegasi	9	6 54.81	− 0.23	+ 9.79	30 38 2.35	44.530	+ 4.88	+ 32.7	23 7 4.37	− 1.92	+ 8 13 2.7	− 9.6
3	γ Piscium	9	12 13.05	− 0.25	+ **9.78**	36 4 2.42	45.342	+ 4.88	+ 40.2	23 12 22.59	.....	+ 2 46 36.4	....
4	4 Cassiopeiæ	9	20 35.68	− 0.08	+ 9.79	337 5 59.05	43.932	+ 4.88	− 23.2	23 20 45.39	.....	+61 46 15.0	....
5	b^3 Aquarii	9	28 17.07	− 0.38	+ 9.79	60 16 5.22	42.932	+ 4.88	+1 36.4	23 28 26.48	− 1.80	−21 25 27.2	−16.1
[illegible]	ι Andromedæ	9	33 27.03	− 0.12	+ 9.79	356 6 1.28	45.852	+ 4.88	− 3.7	23 33 36.70	.....	+42 45 9.9	....
7	ψ Andromedæ	9	41 18.02	− 0.12	+ 9.79	352 58 1.60	43.295	+ 4.88	− 6.8	23 41 27.69	− 2.34	+45 54 11.1	+ 1.2
8	φ Pegasi	9	47 37.56	− 0.20	+ **9.80**	20 14 1.85	47.032	+ 4.88	+ 20.4	23 47 47.15	.....	+18 36 18.3	....
9	ψ Pegasi	9	52 53.33	− 0.18	+ 9.79	14 14 2.55	44.068	+ 4.88	+ 14.1	23 53 2.94	− 1.88	+24 37 31.4	− 4.0
10	2 Ceti	9	58 50.77	− 0.36	+ **9.83**	56 40 4.05	47.560	+ 4.88	+1 24.0	23 59 0.20	.....	−17 50 59.4	....
11	35 Piscium	7	10 3.41	− 0.23	+ 9.79	30 32 1.95	46.205	+ 4.88	+ 32.7	0 10 12.97	− 1.66	+ 8 18 24.7	− 8.2
12	d Piscium	9	15 40.68	− 0.23	+ 9.79	31 10 1.90	45.780	+ 4.88	+ 33.5	0 15 50.24	− 1.63	+ 7 40 33.8	− 8.4
13	10 Ceti	9	21 43.22	− 0.27	+ 9.79	39 24 4.08	45.910	+ 4.88	+ 45.5	0 21 52.74	− 1.56	− 0 33 43.3	−10.6
14	Moon II, N	9	36 2.69	− 0.20	+ 9.78	24 18 3.75	47.391	+ 5.47	+ 25.0	3 36 12.27	−64.14	+14 32 3.4	....
15	Venus I, C	9	58 13.97	− 0.18	+ 9.80	17 34 4.45	44.991	+ 5.66	+ 17.1	7 58 23.59	+ 0.38	+21 17 4.9	....
16	Venus II	9	58 14.75	− 0.18	+ 9.80	... .	......	....	. ....	7 58 24.37	− 0.40	.. ..	....
	August 2, Hl.												
17	Sun I, N	9	45 25.61	− 0.19	+ 9.80	20 38 3.68	45.500	+ 5.20	+ 20.3	8 45 35.22	+66.56	+18 12 51.2	....
18	Sun II, S	9	47 38.74	− 0.19	+ 9.80	21 10 2.72	44.360	+ 5.20	+ 20.8	8 47 48.35	−66.57	+17 41 17.8	....
	August 2, P.												
19	ζ Pegasi	9	36 41.90	− 0.24	+ **9.82**	28 30 3.15	45.022	+ 4.82	+ 30.1	22 36 51.44	.....	+10 20 53.3	....
20	η Pegasi	9	38 31.11	− 0.17	+ **9.79**	9 6 1.18	47.945	+ 4.82	+ 8.9	22 38 40.74	.....	+29 44 9.6	....
21	μ Pegasi	9	45 23.37	− 0.19	+ **9.80**	14 44 2.25	46.212	+ 4.82	+ 14.6	22 45 32.98	.....	+24 6 42.5	....
22	δ Aquarii	9	49 35.54	− 0.37	+ **9.78**	55 8 4.58	47.028	+ 4.82	+1 19.5	22 49 44.97	.....	−16 18 43.3	....
23	α Pegasi	9	0 0.13	− 0.22	+ **9.76**	24 8 2.82	46.550	+ 4.82	+ 24.9	23 0 9.71	.....	+14 42 24.0	....
24	φ Pegasi	9	47 37.57	− 0.21	+ **9.83**	20 14 3.28	46.935	+ 4.82	+ 20.5	23 47 47.16	.....	+18 36 18.8	....
25	Moon II	9	26 10.81	− 0.18	+ 9.77	21 22	......	....	. ....	4 26 20.40	−64.68	.. ..	....
	August 3, P.												
26	Sun I, N	9	49 18.43	− 0.20	+ 9.76	20 54 3.65	43.765	+ 5.05	+ 21.0	8 49 27.99	+66.45	+17 57 30.4	....
27	Sun II, S	9	51 31.34	− 0.20	+ 9.76	21 26 2.38	42.608	+ 5.05	+ 21.6	8 51 40.90	−66.46	+17 25 57.5	....
	August 4, Hl.												
28	ζ Pegasi	9	36 42.02	− 0.15	+ **9.65**	28 30 5.35	44.905	+ 4.46	+ 30.7	22 36 51.53	.....	+10 20 53.4	....
29	μ Pegasi	9	45 23.47	− 0.10	+ **9.65**	14 44 4.85	46.062	+ 4.46	+ 14.9	22 45 33.03	.....	+24 6 43.4	....
30	δ Aquarii	9	49 35.58	− 0.28	+ **9.69**	55 8 6.78	46.862	+ 4.46	+1 20.9	22 49 44.96	.....	−16 18 42.7	....
31	3 Andromedæ	9	59 53.48	0.00	+ 9.66	349 18 3.88	47.092	+ 4.46	− 10.6	23 0 3.14	− 2.70	+49 32 46.2	− 1.4
32	c^2 Aquarii	9	4 22.01	− 0.31	+ 9.66	60 30 6.50	45.262	+ 4.46	+1 39.6	23 4 31.36	.....	−21 40 24.5	....
33	γ Piscium	9	12 13.15	− 0.18	+ **9.67**	36 4 5.28	45.190	+ 4.46	+ 41.2	23 12 22.63	.....	+ 2 46 36.7	....
34	τ Pegasi	9	15 54.50	− 0.10	+ **9.62**	15 38 4.55	42.750	+ 4.46	+ 15.8	23 16 4.06	.....	+23 13 58.5	....
35	72 Pegasi	9	29 12.79	− 0.07	+ 9.65	8 2 4.55	46.280	+ 4.46	+ 8.0	23 29 22.37	.....	+30 48 45.6	....
	August 5, P.												
36	Venus I, C	9	18 56.86	− 0.19	+ 9.59	18 28 6.88	45.684	+ 5.10	+ 18.2	8 19 6.26	+ 0.38	+20 22 46.1	....
37	Venus II	9	18 57.63	− 0.19	+ 9.59	... .	......	....	. ....	8 19 7.03	− 0.39	.. ..	....
	August 6, P.												
38	157 H¹. Cephei s. p.	9	58 30.22	+ 0.15	+ 9.58	304 44 5.22	41.886	+ 4.76	−1 19.3	4 58 39.95	+ 2.95	+85 50 7.3	+17.7
39	η Ophiuchi	9	4 55.21	− 0.36	+ **9.59**	54 26 10.68	46.512	+ 4.76	+1 17.3	17 5 4.43	.....	−15 36 35.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 23 16	......	....	70.0
23 39	......	....	69.9
0 0	......	....	69.0
0 21	......	....	68.9
0 31	29.63	69.6	68.3
3 36	29.67	71.7	71.1
8 1	29.72	83.3	83.7
2 8 48	29.70	84.2	85.0
22 27	29.75	72.1	71.0
22 46	......	....	70.1
23 14	29.755	71.1	69.3
23 53	29.77	70.5	69.0
3 8 52	29.86	78.1	77.3
4 22 32	29.97	64.9	64.7
22 42	......	....	64.7
23 8	......	....	64.0
23 20	......	....	64.0
23 27	29.95	64.3	...
23 42	29.95	64.4	64.8
5 8 19	29.91	82.5	82.9
6 15 50	29.89	74.0	73.6

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at II, VI, VII.
3, 4, 9, 11, 18, 24, 27, 28.	Bisections at VI, VII.
14.	Bisections at II, III, IV, VI.
15, 36.	Bisections at I, II, VI, VII.
17, 26.	Bisections at I, II.
22.	Bisections at II, VII.
38.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

11.	Poor image.
22, 28, 34, 35.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+22 29.0	−14 59.7	...	+ 7 29.3
15	+ 1.6	.. ....	0.0	+ 1.6
17	+ 3.0	−15 46.6	...	−15 43.6
18	+ 3.1	+15 46.7	...	+15 49.8
26	+ 3.1	−15 46.5	...	−15 43.4
27	+ 3.1	+15 46.4	...	+15 49.5
36	+ 1.6	.. ....	0.0	+ 1.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Draconis	9	8 23.27	− 0.16	+ 9.58	333 2 6.42	44.412	+ 4.76	− 28.0	17 8 32.69	.....	+65 50 2.1	....
2	w Herculis	9	17 3.01	− 0.19	+ 9.58	6 16 8.85	44.370	+ 4.76	+ 6.1	17 17 12.40	.....	+32 35 26.5	....
3	b Ophiuchi	9	20 34.26	− 0.42	+ 9.58	62 56 12.08	42.052	+ 4.76	+1 47.9	17 20 43.42	.....	−24 5 25.3	....
4	β Draconis	9	28 12.28	− 0.16	+ 9.58	346 30 8.18	42.560	+ 4.76	− 13.2	17 28 21.70	.....	+52 22 27.9	....
5	ξ Serpentis	9	32 8.49	− 0.36	+ **9.46**	54 10 11.22	46.010	+ 4.76	+1 16.6	17 32 17.71	.....	−15 20 23.7	....
6	324 B. Herculis	9	37 41.02	− 0.17	+ 9.58	355 20 7.20	45.515	+ 4.76	− 4.4	17 37 50.43	− 1.76	+43 31 12.6	−16.8
7	ψ^1 Draconis	9	43 28.64	− 0.15	+ 9.58	326 40 4.60	45.065	+ 4.76	− 36.3	17 43 38.07	.....	+72 11 57.3	....
8	89 Herculis	9	51 32.47	− 0.21	+ **9.65**	12 48 8.85	42.395	+ 4.76	+ 12.6	17 51 41.84	.....	+26 4 5.2	....
9	γ Draconis	8	54 19.33	− 0.16	+ 9.58	347 22 6.85	43.229	+ 4.76	− 12.3	17 54 28.75	.....	+51 30 13.0	....
10	δ Ursæ Minoris	9	2 17.56	− 0.30	+ 9.58	312 16 5.90	43.072	+ 4.76	−1 0.7	18 2 26.84	.....	+86 37 5.7	....
11	Groombridge 1004 S. P.	9	10 49.56	+ 0.26	+ 9.58	305 38 4.55	44.770	+ 4.76	−1 16.9	6 10 59.40	+10.42	+86 45 14.8	+15.6
12	ε Sagittarii	9	17 53.39	− 0.50	+ 9.58	73 14 11.90	44.957	+ 4.76	+3 2.2	18 18 2.47	.....	−34 25 45.9	....
13	b Draconis	9	22 26.11	− 0.16	+ 9.58	340 8 6.98	41.378	+ 4.76	− 20.0	18 22 35.53	.....	+58 45 3.0	....
14	3 H. Scuti	9	30 1.65	− 0.32	+ **9.54**	47 10 11.52	41.700	+ 4.76	+ 59.7	18 30 10.91	.....	− 8 18 28.8	....
15	156 H^1. Draconis	9	34 9.59	− 0.16	+ 9.58	321 24 5.80	43.285	+ 4.76	− 44.1	18 34 19.01	− 4.39	+77 28 44.6	−15.9
16	110 Herculis	9	41 32.22	− 0.23	+ **9.54**	18 24 9.25	43.385	+ 4.76	+ 18.5	18 41 41.57	.....	+20 27 36.3	....
17	30 Sagittarii	9	45 8.24	− 0.40	+ 9.58	61 6 12.68	44.098	+ 4.76	+1 40.1	18 45 17.42	− 2.29	−22 16 4.9	− 6.0
18	51 H. Cephei S. P.	9	56 44.83	+ 0.30	+ 9.58	306 4 6.32	45.476	+ 4.76	−1 15.7	6 56 54.71	.....	+87 11 33.8	....
19	17 Lyræ	9	3 47.27	− 0.20	+ 9.58	6 30 8.48	44.240	+ 4.76	+ 6.4	19 3 56.65	− 2.12	+32 21 29.6	−14.2
20	55 Draconis	8	9 18.75	− 0.16	+ 9.58	333 2 6.88	45.540	+ 4.76	− 28.1	19 9 28.17	− 3.15	+65 49 36.0	−14.7
21	159 B. Lyræ	9	15 44.43	− 0.18	+ 9.58	358 40 10.80	44.438	+ 4.76	− 1.2	19 15 53.83	− 2.25	+40 11 30.4	−14.3
22	δ Aquilæ	9	20 41.43	− 0.28	+ **9.58**	35 56 9.68	41.672	+ 4.76	+ 40.2	19 20 50.73	.....	+ 2 55 53.4	....
23	β Cygni	9	26 51.05	− 0.21	+ **9.59**	11 6 8.20	42.600	+ 4.76	+ 10.9	19 27 0.42	.....	+27 46 2.9	....
24	μ Aquilæ	9	29 25.58	− 0.27	+ **9.65**	31 40 9.10	44.180	+ 4.76	+ 34.2	19 29 34.89	.....	+ 7 11 2.6	....
	August 6, Hl.												
25	π Capricorni	9	21 53.13	− 0.34	+ **9.53**	57 19 53.40	47.595	+ 4.44	+1 26.6	20 22 2.36	.....	−18 30 51.7	....
26	41 Cygni	9	25 28.69	− 0.15	+ 9.57	8 47 51.52	44.468	+ 4.44	+ 8.6	20 25 38.11	− 2.32	+30 3 39.5	−12.1
27	ζ Delphini	9	30 50.56	− 0.20	+ 9.57	24 29 53.22	44.455	+ 4.44	+ 25.3	20 30 59.93	− 2.23	+14 21 21.4	−12.2
28	ψ Capricorni	9	40 28.86	− 0.40	+ 9.57	64 25 54.18	44.460	+ 4.44	+1 55.7	20 40 38.03	.....	−25 36 10.0	....
29	λ Cygni	9	43 40.18	− 0.13	+ 9.57	2 41 51.78	46.225	+ 4.44	+ 2.7	20 43 49.62	.....	+36 9 4.9	....
30	19 Capricorni	5	49 25.82	− 0.34	+ 9.57	57 5 54.30	46.335	+ 4.44	+1 25.8	20 49 35.05	− 2.35	−18 16 23.2	−12.1
31	γ Microscopii	9	55 28.87	− 0.46	+ 9.57	71 25 55.10	44.818	+ 4.44	+2 44.1	20 55 37.98	.....	−32 37 7.5	....
32	θ Capricorni	9	0 36.42	− 0.34	+ **9.52**	56 25 53.68	45.410	+ 4.44	+1 23.6	21 0 45.65	.....	−17 35 59.1	....
33	ζ Cygni	9	8 51.59	− 0.15	+ **9.61**	8 59 51.48	46.520	+ 4.44	+ 8.9	21 9 1.01	.....	+29 50 52.3	....
34	υ Cygni	9	13 58.66	− 0.14	+ 9.57	4 21 52.82	42.345	+ 4.44	+ 4.3	21 14 8.09	− 2.43	+34 30 31.0	−10.0
35	1 Pegasi	9	17 40.07	− 0.19	+ **9.53**	19 25 52.85	46.838	+ 4.44	+ 19.7	21 17 49.45	.....	+19 24 32.9	....
36	ξ Aquarii	9	32 41.09	− 0.29	+ **9.58**	47 5 53.82	46.740	+ 4.44	+ 59.8	21 32 50.37	.....	− 8 16 5.9	....
37	ν Cephei	9	42 40.01	− 0.08	+ 9.57	338 9 50.80	46.128	+ 4.44	− 22.2	21 42 49.50	− 3.45	+60 41 32.9	− 5.4
38	16 Cephei	9	57 51.24	− 0.04	+ 9.57	326 7 49.98	44.995	+ 4.44	− 37.2	21 58 0.77	− 5.10	+72 44 14.8	− 2.7
39	ι Pegasi	9	2 33.70	− 0.17	+ **9.67**	13 57 52.75	44.372	+ 4.44	+ 13.9	22 2 43.10	.....	+24 53 35.2	....
40	24 Cephei	9	7 56.73	− 0.04	+ 9.57	326 57 49.65	48.218	+ 4.44	− 36.0	22 8 6.26	.....	+71 52 59.4	....
41	π Aquarii	9	20 24.51	− 0.25	+ **9.53**	37 55 54.45	45.880	+ 4.44	+ 43.5	22 20 33.83	.....	+ 0 54 29.5	....
42	7 Lacertæ	9	27 20.99	− 0.10	+ 9.57	349 3 52.32	43.615	+ 4.44	− 10.7	22 27 30.46	.....	+49 48 17.4	....
43	30 Cephei	9	35 15.19	− 0.07	+ 9.57	335 45 48.78	45.000	+ 4.44	− 25.0	22 35 24.69	− 3.63	+63 6 3.4	− 1.3
44	13 Lacertæ	9	39 49.69	− 0.12	+ 9.57	357 31 51.85	44.278	+ 4.44	− 2.3	22 39 59.14	− 2.52	+41 19 54.3	− 4.8
45	μ Pegasi	9	45 23.59	− 0.17	+ **9.63**	14 43 53.35	46.542	+ 4.44	+ 14.7	22 45 32.98	.....	+24 6 44.2	....
	August 7, Hl.												
46	Sun I, N	9	4 43.36	− 0.15	+ 9.53	21 55 50.88	50.035	+ 5.59	+ 21.9	9 4 52.74	+66.08	+16 53 18.4	....
47	Sun II, S	9	6 55.51	− 0.15	+ 9.53	22 27 51.65	48.872	+ 5.59	+ 22.5	9 7 4.89	−66.07	+16 21 43.7	....
48	72 Ophiuchi	9	2 49.07	− 0.26	+ **9.50**	29 17 52.90	44.682	+ 4.34	+ 30.9	18 2 58.30	.....	+ 9 33 10.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 17 10	......	....	73.1
17 29	......	....	73.0
17 50	......	....	72.8
18 21	29.91*	73.3	72.5
18 40	......	....	72.5
19 7	......	....	72.1
19 30	29.89	72.5	72.0
20 9	29.895	72.0	71.0
20 20	......	....	71.0
20 36	......	....	71.5
20 54	......	....	71.1
21 5	......	....	71.5
21 24	29.91	71.7	71.4
21 40	......	....	71.0
21 51	......	....	70.9
22 13	......	....	70.3
22 24	......	....	69.2
22 53	29.88	69.8	69.0
7 9 7	29.93	83.0	84.1
17 59	29.87	76.5	76.0

Micrometer bisections are made at II, VI, except as noted below.

1, 4, 6, 7, 13, 20, 21.	Bisections at III, V.
5, 12, 31.	Bisections at II, VI, VII.
9.	Bisections at IV, V.
10, 11, 18.	Bisections at b_1, b_3, b_5, b_7, b_9.
14, 30, 40, 47, 48.	Bisections at VI, VII.
15.	Bisections at III, IV, V.
28.	Bisections at II, VII.
38.	Bisections at b_4, b_6.
46.	Bisections at I, II.

Notes.

30, 42. Faint.
48. Clouds and haze.
* Barometer reading changed from 29.81 in. to 29.91 in.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
46	+ 3.2	−15 47.3	...	−15 44.1
47	+ 3.3	+15 47.3	...	+15 50.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	40 Draconis	9	6 55.66	− 0.14	+ 9.49	318 53 49.22	41.872	+ 4.34	− 47.8	18 7 5.01	− 4.43	+79 59 37.7	−17.1
2	ε Sagittarii	9	17 53.48	− 0.51	+ 9.49	73 13 54.65	45.775	+ 4.34	+3 0.7	18 18 2.46	.....	−34 25 45.1	....
3	γ Draconis	9	22 38.28	− 0.14	+ 9.49	326 9 48.38	46.158	+ 4.34	− 36.7	18 22 47.63	.....	+72 41 49.3	....
4	3 H. Scuti	9	30 1.76	− 0.33	+ 9.44	47 9 54.20	42.460	+ 4.34	+ 59.3	18 30 10.92	.....	− 8 18 27.6	....
5	156 H^1. Draconis	9	34 9.96	− 0.14	+ 9.49	321 23 47.90	44.025	+ 4.34	− 43.8	18 34 19.31	− 4.32	+77 28 45.7	−16.1
6	φ Sagittarii	9	39 44.20	− 0.45	+ 9.49	65 53 55.10	46.705	+ 4.34	+2 2.6	18 39 53.24	.....	−27 5 9.1	....
7	204 B. Draconis	9	44 31.51	− 0.15	+ 9.49	345 57 51.90	46.185	+ 4.34	− 13.7	18 44 40.85	− 2.32	+52 53 22.1	−16.0
8	ο Draconis	9	49 43.16	− 0.15	+ 9.49	339 35 49.95	43.020	+ 4.34	− 20.4	18 49 52.50	.....	+59 16 43.0	....
9	υ Draconis	9	55 26.80	− 0.14	+ 9.49	327 41 48.60	43.940	+ 4.34	− 34.7	18 55 36.15	− 3.51	+71 10 37.5	−15.4
10	17 Lyræ	9	3 47.40	− 0.20	+ 9.49	6 29 51.15	45.002	+ 4.34	+ 6.3	19 3 56.69	− 2.11	+32 21 30.0	−14.4
11	55 Draconis	9	9 18.94	− 0.14	+ 9.49	333 1 49.58	46.278	+ 4.34	− 27.9	19 9 28.29	− 3.12	+65 49 36.4	−14.9
12	κ Cygni	9	14 50.58	− 0.15	+ 9.49	345 39 50.42	44.560	+ 4.34	− 14.0	19 14 59.92	.....	+53 12 1.0	....
13	δ Aquilæ	9	20 41.56	− 0.28	+ 9.45	35 55 52.68	42.402	+ 4.34	+ 39.9	19 20 50.76	.....	+ 2 55 54.4	....
14	β Cygni	9	26 51.18	− 0.21	+ 9.45	11 5 51.30	43.308	+ 4.34	+ 10.8	19 27 0.45	.....	+27 46 4.0	....
15	β Sagittæ	9	36 45.26	− 0.24	+ 9.45	21 35 51.55	43.480	+ 4.34	+ 21.8	19 36 54.50	.....	+17 15 48.9	....
16	228 G. Sagittarii	9	39 58.97	− 0.50	+ 9.48	70 55 56.02	47.078	+ 4.34	+2 38.3	19 40 7.95	− 2.58	−32 7 54.1	− 7.5
17	Groombridge 3402	8	53 25.91	− 0.53	+ 9.48	310 1 47.92	44.633	+ 4.34	−1 5.3	19 53 34.86	−51.80	+88 50 52.6	−10.7
18	β Capricorni	9	15 40.51	− 0.37	+ 9.48	53 53 53.38	46.808	+ 4.34	+1 15.6	20 15 49.62	.....	−15 4 22.6	....
19	π Capricorni	9	21 53.20	− 0.39	+ 9.52	57 19 53.25	47.638	+ 4.34	+1 26.0	20 22 2.29	.....	−18 30 51.9	....
20	ε Delphini	9	28 39.22	− 0.26	+ 9.50	27 51 52.60	44.198	+ 4.34	+ 29.2	20 28 48.44	.....	+10 59 24.1	....
	August 7, P.												
21	φ Aquarii	9	9 23.16	− 0.29	+ 9.51	45 23 53.45	43.555	+ 5.21	+ 56.0	23 9 32.35	.....	− 6 32 49.7	....
22	ο Cephei	9	14 42.78	− 0.07	+ 9.48	331 15 49.30	45.065	+ 5.21	− 30.2	23 14 52.19	.....	+67 36 6.1	....
23	b^1 Aquarii	7	17 58.09	− 0.37	+ 9.48	59 25 53.15	45.675	+ 5.21	+1 33.4	23 18 7.20	− 1.98	−20 36 15.3	−16.2
24	θ Piscium	9	23 7.75	− 0.24	+ 9.47	32 57 53.72	46.900	+ 5.21	+ 35.9	23 23 16.99	.....	+ 5 52 13.5	....
25	248 G. Aquarii	9	30 36.97	− 0.30	+ 9.48	46 49 54.25	42.658	+ 5.21	+ 58.9	23 30 46.15	− 1.91	− 7 58 32.9	−14.0
26	ι Piscium	9	35 2.69	− 0.24	+ 9.49	33 43 53.62	43.608	+ 5.21	+ 37.0	23 35 11.93	.....	+ 5 7 27.9	....
27	i^1 Aquarii	9	39 15.48	− 0.36	+ 9.53	57 37 53.35	43.570	+ 5.21	+1 27.1	23 39 24.60	.....	−18 47 21.0	....
28	δ Sculptoris	9	43 57.92	− 0.43	+ 9.48	67 27 55.35	44.283	+ 5.21	+2 12.7	23 44 6.97	.....	−28 38 24.9	....
29	274 G. Aquarii	9	48 25.16	− 0.40	+ 9.48	63 33 54.18	45.582	+ 5.21	+1 51.0	23 48 34.24	− 1.85	−24 44 31.7	−17.3
30	27 Piscium	9	53 47.32	− 0.28	+ 9.48	42 55 52.70	41.947	+ 5.21	+ 51.5	23 53 56.52	.....	− 4 4 7.8	....
31	14 H^1. Draconis s. p.	9	0 18.46	− 0.05	+ 9.48	296 19 48.25	42.897	+ 5.21	−1 50.9	12 0 27.89	+ 4.14	+77 25 42.1	− 9.4
32	κ^2 Sculptoris	9	6 43.88	− 0.43	+ 9.48	67 7 55.58	45.365	+ 5.21	+2 10.6	0 6 52.93	− 1.76	−28 18 47.7	−18.1
33	5 B. Ursæ Minoris s. p.	9	13 39.06	− 0.07	+ 9.48	305 49 48.40	45.654	+ 5.21	−1 16.2	12 13 48.47	+19.28	+86 57 20.0	− 9.7
34	49 G. Ceti	9	25 36.34	− 0.40	+ 9.48	63 7 54.45	43.920	+ 5.21	+1 48.8	0 25 45.42	− 1.64	−24 17 51.8	−17.5
35	13 Ceti	9	30 20.12	− 0.28	+ 9.48	42 55 53.25	47.092	+ 5.21	+ 51.5	0 30 29.32	.....	− 4 6 6.0	....
36	ε Andromedæ	9	33 30.90	− 0.16	+ 9.50	10 1 51.68	47.620	+ 5.21	+ 9.9	0 33 40.22	.....	+28 48 25.2	....
37	β Ceti	9	38 47.84	− 0.36	+ 9.45	57 19 53.40	44.225	+ 5.21	+1 26.1	0 38 56.96	.....	−18 29 35.0	....
38	δ Piscium	9	43 43.81	− 0.23	+ 9.46	31 45 51.88	45.365	+ 5.21	+ 34.3	0 43 53.05	.....	+ 7 4 52.2	....
39	8 Draconis s. p.	9	51 35.83	− 0.03	+ 9.47	284 51 48.48	44.543	+ 5.21	−3 24.1	12 51 45.27	.....	+65 56 47.1	....
40	26 Ceti	9	58 54.11	− 0.26	+ 9.47	37 57 54.35	46.512	+ 5.21	+ 43.3	0 59 3.32	− 1.54	+ 0 52 14.5	−10.5
41	β Andromedæ	9	4 23.81	− 0.14	+ 9.47	3 43 51.08	44.758	+ 5.21	+ 3.7	1 4 33.14	.....	+35 7 37.4	....
42	ζ^1 Piscium	9	8 44.57	− 0.23	+ 9.49	31 45 51.80	44.645	+ 5.21	+ 34.3	1 8 53.81	.....	+ 7 5 8.6	....
43	l Ursæ Minoris s. p.	9	18 2.22	− 0.09	+ 9.47	304 7 49.25	44.143	+ 5.21	−1 21.2	13 18 11.60	+ 9.42	+85 14 41.5	−13.9
44	μ Piscium	9	25 10.85	− 0.24	+ 9.47	33 9 53.78	47.532	+ 5.21	+ 36.2	1 25 20.08	− 1.43	+ 5 39 58.9	− 8.3
45	Venus I, C	9	29 13.01	− 0.25	+ 9.47	18 57 43.85	48.560	+ 5.90	+ 18.7	8 29 22.23	+ 0.38	+19 52 2.1	....
46	Venus II	9	29 13.79	− 0.25	+ 9.47	... .	......	....	. ....	8 29 23.01	− 0.40	.. ..	....
	August 8, P.												
47	Sun I, S	8	8 33.10	− 0.28	+ 9.47	22 45 42.85	45.962	+ 5.36	+ 22.7	9 8 42.29	+66.08	+16 4 58.9	....
48	Sun II, N	9	10 45.27	− 0.28	+ 9.47	22 13 43.28	47.035	+ 5.36	+ 22.2	9 10 54.46	−66.09	+16 36 34.6	....
49	d Herculis	9	58 2.64	− 0.28	+ 9.46	5 9 41.55	43.145	+ 4.28	+ 5.0	16 58 11.82	.....	+33 42 23.4	....
50	98 H^1. Herculis	9	4 37.04	− 0.27	+ 9.46	358 13 41.58	43.230	+ 4.28	− 1.6	17 4 46.23	− 1.49	+40 38 28.1	−16.9
51	ρ Herculis (*fol.*)	9	20 20.94	− 0.27	+ 9.46	1 37 36.60	44.278	+ 4.28	+ 1.6	17 20 30.13	− 1.59	+37 14 5.8	−16.4
52	σ Ophiuchi	8	21 46.60	− 0.35	+ 9.47	34 37 39.30	44.475	+ 4.28	+ 37.5	17 21 55.71	.....	+ 4 13 22.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 18 13	......	....	75.9
18 48	......	....	75.1
19 13	......	....	75.0
19 33	29.87	74.8	75.1
20 2	......	....	75.0
20 32	29.86	73.9	73.3
23 7	29.82	72.5	72.9
23 28	......	....	72.0
23 49	......	....	71.7
0 22	29.815	72.1	72.2
0 40	......	....	72.0
1 0	......	....	71.5
1 26	29.83	72.0	72.0
8 31	29.90	83.7	83.9
8 9 11	29.90	84.7	85.0
16 55	29.86	82.5	82.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at b_4, b_6.
2, 4, 47.	Bisections at I, II.
3, 22, 50.	Bisections at III, V.
5, 31, 39.	Bisections at III, IV, V.
6, 23, 24, 35, 48, 52.	Bisections at VI, VII.
14, 21.	Bisections at II, VII.
17.	Bisections at b_2, b_5, b_8.
28, 29, 30, 32, 34, 37, 40, 42.	Bisections at II, VI, VII.
33, 43.	Bisections at b_1, b_3, b_5, b_7, b_9.
45.	Bisections at I, II, VI, VII.

Note.
16. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
45	+ 1.7	.. ....	0.0	+ 1.7
47	+ 3.3	+15 47.8	...	+15 51.1
48	+ 3.3	−15 47.9	...	−15 44.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ξ Serpentis	9	32 8.57	− 0.43	**+ 9.43**	54 9 39.80	47.468	+ 4.28	+1 15.2	17 32 17.60	.....	−15 20 23.7	....
2	324 B. Herculis	9	37 41.28	− 0.26	+ 9.46	355 19 35.30	46.912	+ 4.28	− 4.4	17 37 50.48	− 1.72	+43 31 13.0	−17.1
3	ψ^1 Draconis	9	43 28.84	− 0.31	+ 9.46	326 39 33.75	45.385	+ 4.28	− 35.6	17 43 37.99	.....	+72 11 57.7	....
4	89 Herculis	9	51 32.63	− 0.28	**+ 9.54**	12 47 36.45	43.805	+ 4.28	+ 12.4	17 51 41.81	.....	+26 4 6.1	....
5	γ Draconis	9	54 19.49	− 0.25	+ 9.46	347 21 35.30	44.582	+ 4.28	− 12.1	17 54 28.70	.....	+51 30 14.0	....
6	δ Ursæ Minoris	8	2 18.16	− 0.96	+ 9.46	312 15 34.72	44.381	+ 4.28	− 59.6	18 2 26.66	.....	+86 37 6.3	....
7	447 B. Herculis	9	18 35.16	− 0.30	+ 9.46	21 3 37.72	46.382	+ 4.28	+ 21.1	18 18 44.32	− 1.89	+17 46 57.2	−13.1
8	b Draconis	9	22 26.32	− 0.25	+ 9.46	340 7 35.95	42.732	+ 4.28	− 19.6	18 22 35.53	.....	+58 45 3.1	....
9	3 H. Scuti	9	30 1.76	− 0.38	**+ 9.48**	47 9 39.42	43.205	+ 4.28	+ 58.8	18 30 10.84	.....	− 8 18 29.5	....
10	110 Herculis	9	41 32.39	− 0.28	**+ 9.41**	18 23 37.68	44.812	+ 4.28	+ 18.2	18 41 41.57	.....	+20 27 36.0	....
11	51 H. Cephei s. p.	8	56 44.76	+ 1.04	+ 9.46	306 3 33.95	46.849	+ 4.28	−1 14.4	6 56 55.26	.....	+87 11 33.8	....
12	ι Lyræ	9	3 51.89	− 0.24	+ 9.46	2 53 36.40	45.885	+ 4.28	+ 2.8	19 4 1.11	.....	+35 57 28.1	....
13	55 Draconis	9	9 19.06	− 0.26	+ 9.46	333 1 35.38	46.902	+ 4.28	− 27.6	19 9 28.26	− 3.09	+65 49 35.7	−15.2
14	159 B. Lyræ	9	15 44.64	− 0.23	+ 9.46	358 39 36.18	45.935	+ 4.28	− 1.2	19 15 53.87	− 2.23	+40 11 31.3	−14.8
15	δ Aquilæ	9	20 41.63	− 0.32	**+ 9.42**	35 55 38.12	43.072	+ 4.28	+ 39.6	19 20 50.77	.....	+ 2 55 54.0	....
16	β Cygni	9	26 51.21	− 0.25	**+ 9.46**	11 5 36.35	43.995	+ 4.28	+ 10.8	19 27 0.42	.....	+27 46 3.4	....
17	μ Aquilæ	9	29 25.79	− 0.30	**+ 9.47**	31 39 37.35	45.608	+ 4.28	+ 33.7	19 29 34.95	.....	+ 7 11 2.7	....
	August 11, Hl.												
18	3 Andromedæ	9	59 54.23	− 0.08	+ 9.18	349 17 38.78	48.075	+ 4.76	− 10.4	23 0 3.33	− 2.83	+49 32 48.4	− 3.6
19	A Piscium	9	3 48.24	− 0.24	+ 9.18	37 13 41.40	43.992	+ 4.76	+ 42.0	23 3 57.18	− 2.09	+ 1 37 27.8	−12.7
20	φ Aquarii	9	9 23.61	− 0.27	**+ 9.12**	45 23 40.75	44.110	+ 4.76	+ 56.0	23 9 32.52	.....	− 6 32 49.2	....
21	τ Pegasi	9	15 55.13	− 0.16	**+ 9.19**	15 37 38.78	43.832	+ 4.76	+ 15.5	23 16 4.15	.....	+23 13 59.5	....
22	4 Cassiopeiæ	9	20 36.71	− 0.06	+ 9.18	337 5 37.02	44.750	+ 4.76	− 23.3	23 20 45.83	.....	+61 46 18.6	....
23	14 Piscium	9	29 15.15	− 0.25	+ 9.18	40 35 39.05	46.242	+ 4.76	+ 47.4	23 29 24.08	− 2.00	− 1 45 27.6	−13.1
24	ι Andromedæ	9	33 27.83	− 0.11	+ 9.18	356 5 37.60	46.755	+ 4.76	− 3.7	23 33 36.90	.....	+42 45 13.0	....
25	δ Sculptoris	9	43 58.25	− 0.41	+ 9.18	67 27 42.88	44.870	+ 4.76	+2 12.7	23 44 7.02	.....	−28 38 25.3	....
26	274 G. Aquarii	9	48 25.61	− 0.38	+ 9.18	63 33 41.65	46.148	+ 4.76	+1 51.0	23 48 34.41	− 1.95	−24 44 31.6	−17.4
27	ω Piscium	9	54 25.14	− 0.22	**+ 9.17**	32 29 39.82	45.375	+ 4.76	+ 35.3	23 54 34.10	.....	+ 6 21 3.5	....
28	5 Ceti	9	3 19.34	− 0.26	+ 9.18	41 47 40.08	46.812	+ 4.76	+ 49.5	0 3 28.26	− 1.87	− 2 57 43.8	−13.0
29	γ Pegasi	9	8 19.69	− 0.19	**+ 9.21**	24 11 40.10	43.062	+ 4.76	+ 24.9	0 8 28.68	.....	+14 40 6.4	....
30	σ Andromedæ	9	13 21.14	− 0.12	+ 9.18	2 35 37.88	43.855	+ 4.76	+ 2.6	0 13 30.20	.....	+36 16 12.8	....
31	10 Ceti	9	21 44.10	− 0.25	+ 9.18	39 23 40.20	46.885	+ 4.76	+ 45.5	0 21 53.03	− 1.80	− 0 33 41.6	−12.2
32	12 Ceti	9	25 10.43	− 0.26	**+ 9.18**	43 17 40.90	47.570	+ 4.76	+ 52.2	0 25 19.35	.....	− 4 28 4.6	....
33	82 B. Ceti	9	32 27.08	− 0.39	+ 9.18	64 5 41.12	45.880	+ 4.76	+1 53.6	0 32 35.87	.....	−25 16 27.6	....
34	β Ceti	9	38 48.21	− 0.34	**+ 9.16**	57 19 41.85	44.720	+ 4.76	+1 26.2	0 38 57.05	.....	−18 29 34.4	....
35	γ Cassiopeiæ	9	50 59.22	− 0.06	+ 9.18	338 39 37.32	43.732	+ 4.76	− 21.5	0 51 8.34	.....	+60 12 40.1	....
36	26 Ceti	9	58 54.46	− 0.24	+ 9.18	37 57 40.52	47.098	+ 4.76	+ 43.2	0 59 3.40	− 1.64	+ 0 52 15.5	−11.1
37	η Ceti	9	3 47.37	− 0.29	+ 9.18	49 29 41.65	47.545	+ 4.76	+1 4.8	1 3 56.26	.....	−10 40 17.4	....
38	ζ^1 Piscium	9	8 44.97	− 0.22	**+ 9.19**	31 45 39.20	45.180	+ 4.76	+ 34.3	1 8 53.93	.....	+ 7 5 9.6	....
39	υ Piscium	9	14 13.85	− 0.15	**+ 9.24**	12 3 39.65	47.740	+ 4.76	+ 11.9	1 14 22.88	.....	+26 46 32.9	....
	August 12, Hl.												
40	Sun I, S.	9	23 46.38	− 0.15	+ 9.16	23 55 51.90	44.230	+ 5.45	+ 24.1	9 23 55.39	+65.63	+14 55 28.0	....
41	Sun II, N.	9	25 57.65	− 0.15	+ 9.16	23 23 50.75	45.428	+ 5.45	+ 23.5	9 26 6.66	−65.64	+15 27 2.5	....
42	α Herculis	9	10 17.08	− 0.28	**+ 9.15**	24 22	......	....	. ....	17 10 25.95	.....	+14 29	....
43	π Herculis	9	11 40.99	− 0.21	+ 9.15	1 55 50.18	46.400	+ 3.72	+ 1.9	17 11 49.93	.....	+36 55 4.0	....
44	ρ Herculis (*fol.*)	9	20 21.04	− 0.21	+ 9.15	1 37 50.92	43.608	+ 3.72	+ 1.6	17 20 29.98	− 1.52	+37 14 7.5	−16.8
45	σ Ophiuchi	9	21 46.82	− 0.31	**+ 9.16**	34 37 52.25	43.930	+ 3.72	+ 37.6	17 21 55.66	.....	+ 4 13 22.8	....
46	ν^1 Draconis	9	30 13.50	− 0.17	+ 9.15	343 37 49.38	41.750	+ 3.72	− 15.9	17 30 22.48	− 1.66	+55 15 8.8	−18.9
47	ω Draconis	9	37 22.82	− 0.14	+ 9.15	330 3 48.32	44.518	+ 3.72	− 31.3	17 37 31.83	.....	+68 48 21.8	....
48	μ Herculis	9	42 41.82	− 0.23	**+ 9.18**	11 5 51.05	41.605	+ 3.72	+ 10.7	17 42 50.74	.....	+27 46 44.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 17 26	......	....	81.9
17 35	......	....	81.8
17 59	......	....	81.0
18 16	29.86	80.5	80.0
18 37	......	....	80.0
19 5	......	....	80.0
19 31	29.865	79.5	79.0
11 22 49	29.72	71.7	71.0
23 11	......	....	70.6
23 26	......	....	70.2
23 39	......	....	70.2
23 57	29.725	70.9	70.1
0 17	......	....	70.1
0 36	......	....	70.1
0 57	......	....	70.0
1 20	29.75	70.3	69.8
12 9 26	29.77	83.0	82.3
17 0	29.76	80.3	79.1
17 14	......	....	79.0
17 24	......	....	79.0
17 48	......	....	78.7

Micrometer bisections are made at II, VI, except as noted below.

2, 3, 5, 8, 14.	Bisections at III, V.
6.	Bisections at b_1, b_3, b_5, b_7, b_9.
11.	Bisections at b_1, b_3, b_5, b_7.
13, 22, 41.	Bisections at VI, VII.
26, 31, 37.	Bisections at II, VII.
40, 44.	Bisections at I, II.

Notes.

1–17.	Haze.
3.	Micrometer reading decreased 1 rev.
11.	Clouds.
27.	Faint.
37.	Fog.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
40	+ 3.5	+15 47.2	...	+15 50.7
41	+ 3.4	−15 47.2	...	−15 43.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	99 B. Camelopardalis s. p.	8	52 29.94	− 0.08	+ 9.15	285 47 48.82	45.580	+ 3.72	−3 8.8	5 52 39.01	+ 0.23	+66 53 24.7	+14.0
2	δ Ursæ Minoris	6	2 16.68	− 0.08	+ 9.15	312 15 48.12	43.812	+ 3.72	− 59.7	18 2 25.75	.....	+86 37 6.7	....
3	40 Draconis	8	6 55.46	− 0.10	+ 9.15	318 53 47.80	41.790	+ 3.72	− 47.4	18 7 4.51	− 3.93	+79 59 39.7	−18.0
4	η Serpentis	9	16 22.96	− 0.33	+ **9.14**	41 45 51.18	45.228	+ 3.72	+ 48.7	18 16 31.78	.....	− 2 55 16.9	....
5	χ Draconis	9	22 38.29	− 0.12	+ 9.15	326 9 47.12	46.168	+ 3.72	− 36.4	18 22 47.32	.....	+72 41 50.3	....
6	3 H. Scuti	9	30 2.08	− 0.35	+ **9.10**	47 9 53.65	42.530	+ 3.72	+ 58.8	18 30 10.88	.....	− 8 18 27.7	....
7	156 H¹. Draconis	9	34 9.90	− 0.11	+ 9.15	321 23 47.22	44.030	+ 3.72	− 43.4	18 34 18.94	− 3.96	+77 28 46.5	−17.2
8	204 B. Draconis	9	44 31.81	− 0.16	+ 9.14	345 57 50.20	46.228	+ 3.72	− 13.6	18 44 40.79	− 2.23	+52 53 23.4	−17.1
9	B. D.+52°2294	9	49 23.34	− 0.16	+ 9.14	345 59 49.50	45.835	+ 3.72	− 13.5	18 49 32.32	− 2.26	+52 51 32.9	−17.0
10	51 H. Cephei s. p.	7	56 47.37	− 0.06	+ 9.14	306 3 48.00	46.228	+ 3.72	−1 14.6	6 56 56.45	.....	+87 11 33.2	....
11	ψ Sagittarii	9	9 44.07	− 0.46	+ 9.14	64 13 53.52	46.755	+ 3.72	+1 52.9	19 9 52.75	.....	−25 24 58.2	....
12	κ Cygni	9	14 50.87	− 0.15	+ 9.14	345 39 50.02	44.535	+ 3.72	− 13.9	19 14 59.86	.....	+53 12 2.5	....
13	b Aquilæ	9	20 25.36	− 0.27	+ 9.14	27 5 51.85	45.592	+ 3.72	+ 28.0	19 20 34.23	.....	+11 44 54.6	....
14	6 Vulpeculæ	9	24 43.37	− 0.22	+ 9.14	14 21 50.98	46.550	+ 3.72	+ 14.1	19 24 52.29	.....	+24 28 47.7	....
15	μ Aquilæ	9	29 26.07	− 0.28	+ **9.16**	31 39 51.22	44.972	+ 3.72	+ 33.8	19 29 34.93	.....	+ 7 11 3.8	....
16	β Sagittæ	9	36 45.61	− 0.25	+ **9.10**	21 35 50.28	43.538	+ 3.72	+ 21.7	19 36 54.50	.....	+17 15 49.6	....
17	β Aquilæ	9	50 38.00	− 0.28	+ **9.19**	32 39 52.40	46.008	+ 3.72	+ 35.1	19 50 46.86	.....	+ 6 10 37.7	....
	August 12, P.												
18	ι Piscium	9	35 3.16	− 0.25	+ **9.13**	33 43 52.18	43.632	+ 4.69	+ 36.7	23 35 12.04	.....	+ 5 7 29.6	....
19	i¹ Aquarii	9	39 15.96	− 0.36	+ **9.15**	57 37 50.32	43.755	+ 4.69	+1 26.6	23 39 24.73	.....	−18 47 21.2	....
20	φ Pegasi	9	47 38.52	− 0.22	+ **9.11**	20 13 50.72	47.438	+ 4.69	+ 20.3	23 47 47.43	.....	+18 36 20.5	....
21	ψ Pegasi	9	52 54.37	− 0.20	+ 9.13	14 13 50.20	44.540	+ 4.69	+ 14.0	23 53 3.30	− 2.13	+24 37 33.5	− 6.6
22	128 H¹. Camelopardalis s. p.	9	59 38.39	+ 0.16	+ 9.13	304 59 46.45	43.111	+ 4.69	−1 18.2	11 59 47.68	+16.16	+86 6 17.5	− 7.4
23	κ² Sculptoris	9	6 44.42	− 0.44	+ 9.13	67 7 52.22	45.560	+ 4.69	+2 9.9	0 6 53.11	− 1.89	−28 18 47.6	−18.2
24	318 B. Cephei	8	10 53.38	− 0.13	+ 9.13	322 25 46.45	46.175	+ 4.69	− 42.2	0 11 2.38	− 5.80	+76 25 56.1	+ 6.0
25	ρ Andromedæ	9	16 6.51	− 0.16	+ 9.13	1 23 50.08	46.020	+ 4.69	+ 1.4	0 16 15.48	− 2.27	+37 27 12.3	− 2.3
26	12 Ceti	9	25 10.54	− 0.29	+ **9.12**	43 17 52.02	47.108	+ 4.69	+ 51.9	0 25 19.38	.....	− 4 28 4.8	....
27	77 G. Sculptoris	9	28 58.21	− 0.45	+ 9.13	68 53 51.78	42.872	+ 4.69	+2 21.8	0 29 6.89	− 1.77	−30 3 57.8	−18.7
28	319 B. Cephei	9	32 42.83	− 0.17	+ 9.13	316 53 47.85	44.600	+ 4.69	− 51.3	0 32 51.79	− 8.72	+81 58 39.6	+ 8.4
29	β Ceti	9	38 48.30	− 0.36	+ **9.12**	57 19 51.98	44.323	+ 4.69	+1 25.8	0 38 57.07	.....	−18 29 35.1	....
30	ν Cassiopeiæ	8	43 27.12	− 0.14	+ 9.13	348 23 48.95	45.632	+ 4.69	− 11.2	0 43 36.11	− 2.52	+50 27 34.6	+ 2.6
31	8 Draconis s. p.	9	51 35.94	+ 0.01	+ 9.13	284 51 46.20	44.528	+ 4.69	−3 23.1	12 51 45.08	.....	+65 56 45.0	....
32	Groombridge 2006 s. p.	8	2 50.46	+ 0.43	+ 9.13	307 1 48.10	45.172	+ 4.69	−1 12.7	13 3 0.02	+29.80	+88 9 11.4	−11.7
33	l Ursæ Minoris s. p.	9	18 1.44	+ 0.12	+ 9.13	304 7 48.05	44.188	+ 4.69	−1 20.8	13 18 10.69	+10.36	+85 14 41.2	−12.9
34	υ Persei	9	32 9.96	− 0.14	+ 9.13	350 41 49.60	46.190	+ 4.69	− 9.0	1 32 18.95	.....	+48 9 19.4	....
35	ν Piscium	9	36 28.04	− 0.25	+ **9.16**	33 49 51.40	44.548	+ 4.69	+ 37.0	1 36 36.92	.....	+ 5 1 9.2	....
36	τ Ceti	9	39 37.42	− 0.35	+ **9.08**	55 15 51.28	44.138	+ 4.69	+1 19.4	1 39 46.20	.....	−16 25 23.7	....
37	54 Ceti	9	45 48.38	− 0.24	+ 9.13	28 15 51.15	45.095	+ 4.69	+ 29.7	1 45 57.27	− 1.50	+10 35 4.4	− 6.9
38	ξ Piscium	9	48 36.94	− 0.26	+ **9.15**	36 7 52.12	42.530	+ 4.69	+ 40.3	1 48 45.81	.....	+ 2 43 51.2	....
39	λ Arietis	9	52 37.26	− 0.20	+ 9.13	15 41 49.60	47.035	+ 4.69	+ 15.6	1 52 46.19	− 1.59	+23 8 35.5	− 2.5
40	Venus I, C	9	54 36.57	− 0.16	+ 9.10	20 25 50.82	44.629	+ 5.42	+ 20.2	8 54 45.51	+ 0.37	+18 25 23.9	....
41	Venus II	9	54 37.31	− 0.16	+ 9.10	... .	......	....	. ....	8 54 46.25	− 0.37	.. ..	....
	August 13, P.												
42	π Herculis	8	11 41.03	− 0.20	+ 9.07	1 55 49.40	46.380	+ 4.79	+ 1.9	17 11 49.90	.....	+36 55 4.2	....
43	b Ophiuchi	9	20 34.60	− 0.41	+ 9.07	62 53 49.22	48.300	+ 4.79	+1 47.6	17 20 43.26	.....	−24 5 24.8	....
44	σ Ophiuchi	8	21 46.76	− 0.28	+ **9.18**	34 37 48.28	44.060	+ 4.79	+ 38.2	17 21 55.55	.....	+ 4 13 21.9	....
45	158 H¹. Cephei s. p.	9	31 53.11	+ 0.31	+ 9.07	304 1 44.40	44.793	+ 4.79	−1 21.3	5 32 2.49	.....	+85 8 50.9	....
46	β Ophiuchi	9	38 45.60	− 0.27	+ **9.10**	34 13 49.08	46.395	+ 4.79	+ 37.6	17 38 54.40	.....	+ 4 36 28.6	....
47	μ Herculis	9	42 41.87	− 0.21	+ **9.10**	11 5 47.22	41.762	+ 4.79	+ 10.9	17 42 50.73	.....	+27 46 43.0	....
48	99 B. Camelopardalis s. p.	9	52 29.91	+ 0.03	+ 9.07	285 47 44.52	45.828	+ 4.79	−3 11.5	5 52 39.01	+ 0.18	+66 53 24.7	+14.2
49	τ Ophiuchi (*mean*)	9	57 54.19	− 0.32	+ 9.07	47 1 50.08	43.405	+ 4.79	+ 59.3	17 58 2.94	− 1.91	− 8 10 45.8	− 7.2
50	36 Camelopardalis s. p.	9	3 20.46	+ 0.02	+ 9.07	284 39 44.28	42.885	+ 4.79	−3 26.8	6 3 29.55	+ 0.27	+65 44 1.9	+13.7
51	22 H. Camelopardalis s. p.	9	8 26.33	+ 0.03	+ 9.07	288 15 45.12	43.525	+ 4.79	−2 45.1	6 8 35.43	.....	+69 20 59.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 18 16	......	....	78.0
18 43	......	....	77.7
19 1	29.76	77.9	....
19 8	......	....	77.0
19 47	......	....	76.1
19 56	29.76	76.9	76.0
23 32	29.74	74.2	73.6
23 50	......	....	73.1
0 12	......	....	73.0
0 40	29.73	73.5	72.6
1 2	......	....	72.5
1 21	......	....	72.5
1 40	......	....	72.1
1 53	29.73	73.0	72.0
8 53	29.83	83.7	82.8
13 17 9	29.875	75.0	74.2
17 28	......	....	73.8
18 13	29.88	73.0	73.0

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at b_1, b_5, b_9.
3, 13, 27, 30, 44.	Bisections at VI, VII.
7.	Bisections at III, IV.
10.	Bisections at b_4, b_5, b_6.
11, 38.	Bisections at II, VII.
22, 32, 33, 45.	Bisections at b_1, b_3, b'_5, b_7, b_9.
24.	Bisections at IV, V.
28, 34.	Bisections at III, V.
29.	Bisections at II, VI, VII.
31, 48, 50, 51.	Bisections at III, IV, V.
37, 43.	Bisections at I, II.
40.	Bisections at I, II, VI, VII.

Notes.

1. Faint.
2. Micrometer reading decreased 1 rev.
31. Haze.
48. Hazy; unsteady.
49. Assumed that mean was observed as directed on observing list.
51. Very unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
40	+ 1.8	.. ....	0.0	+ 1.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	447 B. Herculis	9	18 35.47	− 0.24	+ 9.07	21 3 48.25	45.875	+ 4.79	+ 21.4	18 18 44.30	− 1.84	+17 46 57.5	−13.7
2	λ Sagittarii	9	22 7.44	− 0.43	+ 9.07	64 17 49.95	45.258	+ 4.79	+1 54.6	18 22 16.08	.....	−25 28 23.2	....
3	3 H. Scuti	9	30 2.08	− 0.32	+ **9.06**	47 9 49.72	42.672	+ 4.79	+ 59.7	18 30 10.83	.....	− 8 18 28.8	....
4	84 G. Sagittarii	9	32 44.80	− 0.41	+ 9.07	62 25 48.58	42.145	+ 4.79	+1 45.7	18 32 53.46	− 2.23	−23 35 1.9	− 4.8
5	4 H. Scuti	9	37 4.21	− 0.33	+ **9.16**	47 57 50.55	47.615	+ 4.79	+1 1.5	18 37 12.95	.....	− 9 8 24.6	....
6	ε¹ Lyræ (*south*)	9	41 8.56	− 0.18	+ 9.07	359 15 46.85	47.895	+ 4.79	− 0.6	18 41 17.45	− 2.00	+39 34 34.7	−16.6
7	30 Sagittarii	8	45 8.59	− 0.41	+ 9.07	61 5 48.85	45.070	+ 4.79	+1 40.1	18 45 17.25	− 2.26	−22 16 3.3	− 5.8
8	ο Draconis	9	49 43.22	− 0.14	+ 9.07	339 35 45.60	43.192	+ 4.79	− 20.5	18 49 52.15	.....	+59 16 43.3	....
9	γ Lyræ	9	55 20.93	− 0.19	+ 9.07	6 17 47.90	44.010	+ 4.79	+ 6.2	18 55 29.81	.....	+32 33 55.6	....
10	τ Sagittarii	8	1 1.77	− 0.45	+ 9.07	66 37 49.38	44.642	+ 4.79	+2 7.8	19 1 10.39	− 2.39	−27 48 21.5	− 5.3
11	ι Lyræ	9	3 52.12	− 0.18	+ 9.07	2 53 46.55	45.378	+ 4.79	+ 2.9	19 4 1.01	.....	+35 57 29.0	....
12	ψ Sagittarii	9	9 44.06	− 0.43	+ 9.07	64 13 49.68	46.848	+ 4.79	+1 54.7	19 9 52.70	.....	−25 24 59.4	....
13	159 B. Lyræ	9	15 44.86	− 0.17	+ 9.07	358 39 47.50	45.398	+ 4.79	− 1.2	19 15 53.76	− 2.19	+40 11 31.7	−15.9
14	b Aquilæ	9	20 25.43	− 0.25	+ 9.07	27 5 48.90	45.730	+ 4.79	+ 28.5	19 20 34.25	.....	+11 44 53.0	....
15	6 Vulpeculæ	9	24 43.34	− 0.21	+ 9.07	14 21 48.40	46.635	+ 4.79	+ 14.3	19 24 52.20	.....	+24 28 47.0	....
16	μ Aquilæ	9	29 26.08	− 0.26	+ **9.13**	31 39 47.72	45.105	+ 4.79	+ 34.3	19 29 34.89	.....	+ 7 11 2.7	....
17	θ Cygni	9	33 50.41	− 0.14	+ 9.07	348 51 47.55	43.135	+ 4.79	− 10.9	19 33 59.34	.....	+50 0 33.1	....
18	β Sagittæ	9	36 45.59	− 0.23	+ **9.09**	21 35 47.50	43.638	+ 4.79	+ 22.0	19 36 54.43	.....	+17 15 48.7	....
	August 13, Hl.												
19	α Pegasi	9	0 1.01	− 0.15	+ **9.01**	24 7 50.68	47.000	+ 4.36	+ 25.2	23 0 9.91	.....	+14 42 26.0	....
20	A Piscium	9	3 48.47	− 0.20	+ 9.05	37 13 50.90	43.475	+ 4.36	+ 42.6	23 3 57.32	− 2.12	+ 1 37 28.9	−12.9
21	ψ¹ Aquarii	9	10 54.59	− 0.25	+ 9.05	48 25 50.55	45.032	+ 4.36	+1 3.2	23 11 3.39	− 2.10	− 9 35 26.9	−14.6
22	b¹ Aquarii	9	17 58.81	− 0.32	+ 9.05	59 25 49.95	45.790	+ 4.36	+1 34.8	23 18 7.54	− 2.11	−20 36 15.2	−16.2
23	θ Piscium	9	23 8.30	− 0.18	+ **8.97**	32 57 51.12	46.920	+ 4.36	+ 36.4	23 23 17.17	.....	+ 5 52 16.2	....
24	72 Pegasi	9	29 13.69	− 0.08	+ 9.05	8 1 49.38	46.840	+ 4.36	+ 8.0	23 29 22.66	.....	+30 48 48.1	....
25	ι Andromedæ	9	33 28.02	− 0.04	+ 9.05	356 5 48.28	46.265	+ 4.36	− 3.8	23 33 37.03	.....	+42 45 13.8	....
26	ψ Andromedæ	9	41 19.06	− 0.03	+ 9.05	352 57 48.45	43.738	+ 4.36	− 6.9	23 41 28.08	− 2.64	+45 54 14.7	− 2.4
27	φ Pegasi	9	47 38.54	− 0.13	+ **9.01**	20 13 49.15	47.472	+ 4.36	+ 20.7	23 47 47.46	.....	+18 36 21.2	....
28	30 Piscium	9	57 4.61	− 0.24	+ 9.05	45 21 50.23	45.820	+ 4.36	+ 56.8	23 57 13.42	.....	− 6 31 38.2	....
29	22 Andromedæ	9	5 22.62	− 0.02	+ 9.05	353 17 49.22	46.255	+ 4.36	− 6.5	0 5 31.65	.....	+45 33 16.0	....
30	318 B. Cephei	9	10 53.26	+ 0.21	+ 9.05	322 25 45.75	46.215	+ 4.36	− 43.0	0 11 2.52	− 5.86	+76 25 56.9	+ 5.7
31	12 Ceti	9	25 10.66	− 0.23	+ **8.96**	43 17 51.55	47.070	+ 4.36	+ 53.0	0 25 19.48	.....	− 4 28 4.3	....
32	13 Ceti	9	30 20.75	− 0.23	+ 9.05	42 55 50.12	47.230	+ 4.36	+ 52.4	0 30 29.57	.....	− 4 6 5.9	....
33	ε Andromedæ	9	33 31.44	− 0.08	+ **9.03**	10 1 49.55	47.615	+ 4.36	+ 10.0	0 33 40.41	.....	+28 48 28.2	....
34	η Cassiopeiæ	9	43 22.32	+ 0.04	+ 9.05	341 31 48.10	46.862	+ 4.36	− 18.7	0 43 31.41	− 2.87	+57 19 15.6	+ 4.1
35	γ Cassiopeiæ	9	50 59.29	+ 0.05	+ 9.05	338 39 47.70	43.275	+ 4.36	− 21.9	0 51 8.39	.....	+60 12 40.9	....
36	26 Ceti	9	58 54.66	− 0.20	+ 9.04	37 57 51.50	46.585	+ 4.36	+ 43.9	0 59 3.50	− 1.69	+ 0 52 16.0	−11.3
37	ε Piscium	9	3 27.54	− 0.18	+ 9.04	33 41 51.12	43.305	+ 4.36	+ 37.5	1 3 36.40	− 1.70	+ 5 9 37.7	−10.0
38	ζ¹ Piscium	9	8 45.15	− 0.17	+ **9.01**	31 45 50.20	44.615	+ 4.36	+ 34.8	1 8 54.02	.....	+ 7 5 11.4	....
39	υ Piscium	9	14 14.07	− 0.09	+ **9.02**	12 3 49.48	47.290	+ 4.36	+ 12.1	1 14 23.02	.....	+26 46 33.6	....
	August 14, Hl.												
40	Sun I, N	9	31 19.52	− 0.15	+ 9.04	23 59 48.72	46.110	+ 4.61	+ 24.9	9 31 28.41	+65.47	+14 50 48.2	....
41	Sun II, S	9	33 30.47	− 0.15	+ 9.04	24 31 48.30	45.040	+ 4.61	+ 25.5	9 33 39.36	−65.48	+14 19 12.6	....
42	Moon I	9	42 56.03	− 0.31	+ 9.03	44 42	......	....	.....	13 43 4.75	+64.78	.. ..	....
43	b Ophiuchi	9	20 34.71	− 0.39	+ 9.04	62 53 54.50	48.015	+ 4.40	+1 49.4	17 20 43.36	.....	−24 5 24.9	....
44	ν¹ Draconis	9	30 13.42	− 0.06	+ 9.04	343 37 51.15	41.655	+ 4.40	− 16.4	17 30 22.40	− 1.61	+55 15 9.0	−19.2
45	μ Herculis	9	42 41.89	− 0.15	+ **9.00**	11 5 52.18	41.515	+ 4.40	+ 11.0	17 42 50.78	.....	+27 46 43.9	....
46	η Serpentis	9	16 23.01	− 0.25	+ **8.99**	41 45 52.22	45.088	+ 4.40	+ 50.2	18 16 31.79	.....	− 2 55 16.7	....
47	109 Herculis	9	19 37.07	− 0.16	+ **9.04**	17 7 52.68	43.552	+ 4.40	+ 17.4	18 19 45.94	.....	+21 43 50.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 18 25	......	....	72.8
18 43	......	....	72.0
19 10	......	....	71.2
19 30	......	....	71.5
19 38	29.90	71.5	71.1
22 52	29.94	68.0	67.6
23 14	......	....	67.2
23 27	......	....	67.4
23 46	......	....	67.0
23 50	29.945	67.9	....
0 2	......	....	67.1
0 39	......	....	65.5
0 48	......	....	66.0
0 57	......	....	66.0
1 20	29.97	66.3	66.3
14 9 34	30.07	73.5	72.2
17 12	30.07	69.9	69.2
17 26	......	....	69.0
17 56	......	....	69.0
18 14	......	....	69.2
18 28	30.09	69.4	....

Micrometer bisections are made at II, VI, except as noted below.

3, 10, 40, 43, 46. Bisections at I, II.
4. Bisections at II, VI, VII.
6, 8, 13, 17, 30, 34. Bisections at III, V.
25, 41. Bisections at VI, VII.

Notes.

2, 5, 19, 33, 38. Unsteady.
4. Hazy.
7. Unsteady and hazy.
19–39. Conditions poor.
34, 36, 45. Faint.
43, 44. Clouds.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
40	+ 3.5	−15 47.7	...	−15 44.2
41	+ 3.6	+15 47.8	...	+15 51.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	3 H. Scuti	9	30 2.04	− 0.28	+ 9.06	47 9 53.82	42.415	+ 4.40	+1 0.6	18 30 10.79	.....	− 8 18 27.8	....
	August 14, P.												
2	φ Pegasi	9	47 38.58	− 0.15	+ 9.01	20 13 50.45	47.408	+ 4.92	+ 21.0	23 47 47.45	.....	+18 36 20.5	....
3	ψ Pegasi	9	52 54.38	− 0.12	+ 9.02	14 13 50.82	44.452	+ 4.92	+ 14.4	23 53 3.28	− 2.18	+24 37 34.3	− 7.0
4	128 H¹. Camelopardalis s. p.	9	59 38.56	− 0.88	+ 9.02	304 59 46.52	43.183	+ 4.92	−1 20.7	11 59 46.70	+16.52	+86 6 16.9	− 6.9
5	γ Pegasi	9	8 19.90	− 0.16	+ 9.04	24 11 52.15	42.475	+ 4.92	+ 25.6	0 8 28.76	.....	+14 40 6.9	....
6	ρ Andromedæ	9	16 6.54	− 0.07	+ 9.02	1 23 49.80	45.980	+ 4.92	+ 1.5	0 16 15.49	− 2.32	+37 27 13.2	− 2.7
7	12 Ceti	9	25 10.61	− 0.24	+ 9.04	43 17 52.15	46.968	+ 4.92	+ 53.8	0 25 19.39	.....	− 4 28 4.1	....
8	ε Andromedæ	9	33 31.47	− 0.10	+ 9.05	10 1 50.85	47.578	+ 4.92	+ 10.2	0 33 40.39	.....	+28 48 27.0	....
9	β Ceti	9	38 48.45	− 0.33	+ 8.99	57 19 52.55	44.105	+ 4.92	+1 28.9	0 38 57.14	.....	−18 29 33.9	....
10	1 B. Ursæ Minoris	9	57 57.22	+ 2.30	+ 9.02	310 21 45.52	43.589	+ 4.92	−1 7.0	0 58 8.54	−41.53	+88 31 19.6	+10.6
11	37 Ceti	9	9 35.85	− 0.26	+ 9.02	47 15 52.75	44.198	+ 4.92	+1 1.9	1 9 44.61	− 1.62	− 8 25 9.3	−13.8
12	f Piscium	9	12 52.93	− 0.21	+ 9.02	35 43 51.80	43.020	+ 4.92	+ 41.1	1 13 1.74	.....	+ 3 7 39.2	....
13	υ Persei	9	32 9.97	− 0.02	+ 9.02	350 41 49.28	46.172	+ 4.92	− 9.3	1 32 18.97	.....	+48 9 20.2	....
14	φ Persei	9	37 42.84	− 0.01	+ 9.02	348 37 50.22	46.840	+ 4.92	− 11.4	1 37 51.85	.....	+50 13 6.1	....
15	χ Ceti	9	44 53.72	− 0.28	+ 9.02	49 59 52.85	42.300	+ 4.92	+1 8.1	1 45 2.46	.....	−11 8 32.4	....
16	ξ Piscium	9	48 37.07	− 0.21	+ 9.03	36 7 52.72	42.400	+ 4.92	+ 41.8	1 48 45.88	.....	+ 2 43 51.9	....
17	50 Cassiopeiæ	9	55 22.93	+ 0.13	+ 9.02	326 53 48.78	45.440	+ 4.92	− 37.2	1 55 32.08	.....	+71 58 5.3	....
18	α Arietis	9	1 48.41	− 0.13	+ 9.03	15 49 50.50	44.818	+ 4.92	+ 16.3	2 1 57.30	.....	+23 1 24.3	....
19	Mercury II, C	8	21 4.57	− 0.14	+ 8.99	19 53 53.38	47.901	+ 5.27	+ 20.4	8 21 13.42	− 0.25	+18 56 6.5	....
20	Venus I, C	9	4 38.58	− 0.14	+ 8.98	21 3 52.30	45.601	+ 5.27	+ 21.6	9 4 47.42	+ 0.39	+17 46 59.0	....
21	Venus II	9	4 39.36	− 0.14	+ 8.98	... .	......	....	. ....	9 4 48.20	− 0.39	.. ..	....
	August 15, P.												
22	Sun I, N	9	35 5.07	− 0.17	+ 8.98	24 17 53.20	46.990	+ 4.89	+ 25.3	9 35 13.88	+65.56	+14 32 22.9	....
23	Sun II, S	9	37 16.18	− 0.17	+ 8.98	24 49 51.85	46.088	+ 4.89	+ 25.9	9 37 24.99	−65.55	+14 0 44.5	....
24	Moon I, N	9	34 49.12	− 0.34	+ 8.96	49 17 54.32	47.713	+ 4.20	+1 4.5	14 34 57.74	+66.40	−10 28 33.0	....
25	d Ophiuchi	9	21 18.41	− 0.45	+ 8.95	68 35 52.72	45.615	+ 4.42	+2 22.8	17 21 26.91	.....	−29 47 2.0	....
26	α Ophiuchi	9	30 29.86	− 0.19	+ 8.99	26 13 50.75	43.245	+ 4.42	+ 27.8	17 30 38.62	.....	+12 37 49.0	....
27	ω Draconis	9	37 22.58	+ 0.14	+ 8.95	330 3 48.18	44.562	+ 4.42	− 32.3	17 37 31.67	.....	+68 48 21.5	....
28	μ Herculis	9	42 41.91	− 0.12	+ 8.84	11 5 49.28	41.635	+ 4.42	+ 11.1	17 42 50.74	.....	+27 46 44.0	....
29	99 B. Camelopardalis s. p.	9	52 30.48	− 0.25	+ 8.95	285 47 47.52	45.907	+ 4.42	−3 15.4	5 52 39.18	+ 0.06	+66 53 25.3	+14.4
30	δ Ursæ Minoris	9	2 14.22	+ 1.49	+ 8.95	312 15 47.52	43.887	+ 4.42	−1 1.9	18 2 24.66	.....	+86 37 7.0	....
31	μ Sagittarii	9	8 5.61	− 0.37	+ 8.95	59 53 51.65	47.508	+ 4.42	+1 37.3	18 8 14.19	.....	−21 4 58.7	....
32	η Serpentis	9	16 23.06	− 0.26	+ 8.94	41 45 51.02	45.095	+ 4.42	+ 50.5	18 16 31.75	.....	− 2 55 16.2	....
33	μ Lyræ	9	21 2.96	− 0.06	+ 8.95	359 23 49.20	45.095	+ 4.42	− 0.5	18 21 11.85	− 1.86	+39 27 36.6	−17.4
34	51 H. Cephei s. p.	8	56 50.51	− 1.83	+ 8.94	306 3 46.78	46.351	+ 4.42	−1 17.2	6 56 57.62	.....	+87 11 32.4	....
35	β Cygni	8	26 51.53	− 0.12	+ 8.97	11 6	......	....	. ....	19 27 0.35	.....	+27 46	....
36	α² Capricorni	8	12 47.45	− 0.31	+ 8.94	51 40	......	....	. ....	20 12 56.08	.....	−12 49	....
37	π Capricorni	9	21 53.70	− 0.35	+ 8.99	57 20	......	....	. ....	20 22 2.29	.....	−18 30	....
38	ε Delphini	9	28 39.71	− 0.19	+ 8.94	27 52	......	....	. ....	20 28 48.46	.....	+10 59	....
	August 16, P.												
39	Mercury II, C	9	32 13.84	− 0.19	+ 8.81	20 3 52.02	45.215	+ 4.21	+ 20.0	8 32 22.46	− 0.24	+18 47 10.7	....
40	Venus I, C	9	14 36.79	− 0.20	+ 8.81	21 43 49.32	46.884	+ 4.21	+ 21.8	9 14 45.40	+ 0.41	+17 6 33.5	....
41	Venus II	9	14 37.61	− 0.20	+ 8.81	... .	......	....	. ....	9 14 46.22	− 0.41	.. ..	....
	August 18, P.												
42	Moon I, N	9	29 51.35	− 0.44	+ 8.69	60 5 50.80	45.890	+ 3.90	+1 37.0	17 29 59.60	+72.89	−21 16 20.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 18 46	30.09*	68.3	66.9
23 45	[illegible]	64.2	64.0
0 5	......	....	63.0
0 31	......	....	61.0
0 45	......	....	60.7
0 59	30.11	62.0	60.4
1 30	......	....	60.2
1 48	......	....	60.0
2 3	30.12	61.0	59.2
8 21	30.185	73.0	71.3
9 1	30.18	74.0	72.2
15 9 37	30.17	74.4	73.3
14 37	30.10	75.8	75.0
17 18	[illegible]	69.1	68.0
17 34	......	....	67.8
17 56	......	....	66.9
18 13	......	....	66.0
18 25	30.10	67.0	66.0
18 52	......	....	65.9
16 8 32	29.95	81.0	80.1
9 12	29.955	81.8	81.9
18 17 32	30.03	72.0	70.4

Micrometer bisections are made at II, VI, except as noted below.

4, 10, 30.	Bisections at b_1, b_3, b_5, b_7, b_9.
7, 12, 15, 23.	Bisections at VI, VII.
9.	Bisections at II, VII.
13, 14, 17, 27, 33.	Bisections at III, V.
19, 20, 39, 40.	Bisections at I, II, VI, VII.
22.	Bisections at I, II.
24, 42.	Bisections at II, III, IV, V, VI.
29.	Bisections at III, IV, V.
34.	Bisections at b_1, b_3, b_7, b_9.

Notes.

1.	Faint.
29.	Hazy.
34, 36.	Clouds.
*	Barometer reading changed from 30.9 in. to 30.09 in.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
19	+ 3.1	.. ....	+0.3	+ 3.4
20	+ 1.9	.. ....	0.0	+ 1.9
22	+ 3.6	−15 49.2	...	−15 45.6
23	+ 3.6	+15 49.2	...	+15 52.8
24	+43 40.0	−15 45.8	...	+27 54.2
39	+ 2.9	.. ....	+0.3	+ 3.2
40	+ 1.9	.. ....	0.0	+ 1.9
42	+51 44.0	−16 19.6	...	+35 24.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Serpentis	9	16 23.36	− 0.34	+ **8.69**	41 45 47.12	45.292	+ 4.03	+ 50.0	18 16 31.70	.....	− 2 55 15.9	....
2	109 Herculis	9	19 37.40	− 0.27	+ **8.77**	17 7 47.52	43.772	+ 4.06	+ 17.3	18 19 45.81	.....	+21 43 51.1	....
3	3 H. Scuti	9	30 2.43	− 0.36	+ **8.71**	47 9 46.62	42.748	+ 4.12	+1 0.3	18 30 10.75	.....	− 8 18 27.6	....
4	4 H. Scuti	9	37 4.49	− 0.37	+ **8.88**	47 57 49.55	47.645	+ 4.17	+1 2.1	18 37 12.80	.....	− 9 8 24.3	....
5	110 Herculis	9	41 32.98	− 0.27	+ **8.71**	18 23 45.65	44.320	+ 4.19	+ 18.7	18 41 41.39	.....	+20 27 38.9	....
6	θ Serpentis	9	51 29.36	− 0.31	+ **8.70**	34 45 49.52	44.685	+ 4.26	+ 38.9	18 51 37.73	.....	+ 4 5 6.5	....
7	ε Aquilæ	9	55 17.56	− 0.28	+ **8.77**	23 53 48.32	46.390	+ 4.28	+ 24.9	18 55 25.96	.....	+14 56 42.6	....
8	ζ Aquilæ	9	1 1.68	− 0.29	+ **8.74**	25 7 48.48	43.710	+ 4.31	+ 26.3	19 1 10.07	.....	+13 43 42.3	....
	August 18, Hl.												
9	φ Pegasi	9	47 39.15	− 0.16	+ **8.53**	20 13 48.50	47.470	+ 4.44	+ 20.8	23 47 47.65	.....	+18 36 21.7	....
10	27 Piscium	9	53 48.42	− 0.25	+ 8.66	42 55 49.75	41.995	+ 4.44	+ 52.4	23 53 56.83	.....	− 4 4 6.0	....
11	30 Piscium	9	57 5.17	− 0.26	+ 8.66	45 21 50.28	45.790	+ 4.44	+ 57.1	23 57 13.57	.....	− 6 31 37.9	....
12	α Andromedæ	9	3 28.49	− 0.12	+ **8.63**	10 15 47.50	47.038	+ 4.44	+ 10.3	0 3 37.03	.....	+28 34 43.0	....
13	γ Pegasi	9	8 20.44	− 0.17	+ **8.59**	24 11 49.32	42.578	+ 4.44	+ 25.4	0 8 28.93	.....	+14 40 8.1	....
14	49 G. Ceti	9	25 37.47	− 0.36	+ 8.66	63 7 51.00	43.985	+ 4.44	+1 51.2	0 25 45.77	− 1.92	−24 17 51.2	−17.8
15	13 Ceti	9	30 21.22	− 0.25	+ 8.66	42 55 49.85	47.165	+ 4.44	+ 52.6	0 30 29.63	.....	− 4 6 4.4	....
16	82 B. Ceti	9	32 27.87	− 0.37	+ 8.66	64 5 50.28	45.310	+ 4.44	+1 56.0	0 32 36.16	.....	−25 16 25.9	....
17	73 G. Ceti	9	40 1.96	− 0.35	+ 8.66	61 19 50.62	46.710	+ 4.44	+1 43.2	0 40 10.27	− 1.84	−22 30 45.3	−17.5
18	δ Piscium	9	43 44.96	− 0.20	+ **8.55**	31 45 48.22	45.402	+ 4.44	+ 35.0	0 43 53.42	.....	+ 7 4 55.0	....
19	μ Andromedæ	9	51 29.09	− 0.09	+ 8.66	0 51 48.30	44.810	+ 4.44	+ 0.9	0 51 37.66	.....	+37 59 42.5	....
20	72 Piscium	9	0 4.15	− 0.17	+ 8.66	24 23 48.82	45.865	+ 4.44	+ 25.7	1 0 12.64	− 1.91	+14 26 53.2	− 8.3
21	η Ceti	9	3 48.15	− 0.28	+ 8.66	49 29 50.58	47.055	+ 4.44	+1 6.2	1 3 56.53	.....	−10 40 16.2	....
22	37 Ceti	9	9 36.31	− 0.27	+ 8.66	47 15 50.15	44.260	+ 4.44	+1 1.2	1 9 44.70	− 1.72	− 8 25 6.9	−14.2
23	υ Piscium	7	14 14.63	− 0.13	+ **8.63**	12 3 49.22	47.240	+ 4.44	+ 12.2	1 14 23.16	.....	+26 46 34.6	....
24	ω Andromedæ	9	21 59.18	− 0.07	+ 8.66	353 55 46.88	45.608	+ 4.44	− 5.9	1 22 7.77	− 2.34	+44 55 32.5	+ 1.8
25	μ Piscium	9	25 12.00	− 0.20	+ 8.66	33 9 49.25	47.630	+ 4.44	+ 37.0	1 25 20.46	− 1.72	+ 5 40 1.1	−10.0
26	π Piscium	9	32 3.30	− 0.18	+ **8.63**	27 9 49.15	47.800	+ 4.44	+ 29.1	1 32 11.78	.....	+11 40 5.3	....
27	φ Persei	9	37 43.53	− 0.05	+ 8.65	348 37 47.78	46.902	+ 4.44	− 11.3	1 37 52.13	.....	+50 13 7.4	....
28	χ Ceti	9	44 54.21	− 0.28	+ 8.65	49 59 50.40	42.485	+ 4.44	+1 7.4	1 45 2.58	.....	−11 8 32.8	....
29	α Trianguli	9	47 40.01	− 0.12	+ **8.62**	9 43 47.80	44.780	+ 4.44	+ 9.8	1 47 48.54	.....	+29 7 34.6	....
30	53 Cassiopeiæ	9	56 1.02	0.00	+ 8.65	334 55 46.38	44.505	+ 4.44	− 26.4	1 56 9.67	− 3.02	+63 56 18.5	+ 8.8
31	α Arietis	9	1 49.00	− 0.14	+ **8.57**	15 49 47.80	44.960	+ 4.44	+ 16.2	2 1 57.51	.....	+23 1 24.4	....
32	Mercury II, C	9	44 44.56	− 0.15	+ 8.61	20 23 47.92	44.325	+ 3.95	+ 20.6	8 44 53.02	− 0.22	+18 27 34.8	....
	August 19, Hl.												
33	Sun I, S	9	50 2.74	− 0.18	+ 8.61	26 5 50.10	46.362	+ 4.37	+ 27.1	9 50 11.17	+65.09	+12 44 39.1	....
34	Sun II, N	9	52 12.93	− 0.18	+ 8.61	25 33 49.90	47.390	+ 4.37	+ 26.5	9 52 21.36	−65.10	+13 16 16.6	....
	August 19, P.												
35	Moon I, N	9	34 53.98	− 0.43	+ 8.58	61 17 50.45	45.123	+ 3.67	+1 41.6	18 35 2.13	+74.21	−22 28 6.6	....
36	Moon S	.	.. ..	....	....	61 49 51.62	48.012	+ 3.67	+1 44.0	.. ..	.....	−23 1 16.0	....
37	Mercury II, C	9	51 26.39	− 0.22	+ 8.53	20 37 47.98	44.258	+ 4.53	+ 20.9	8 51 34.70	− 0.21	+18 13 35.4	....
	August 20, P.												
38	Sun I, S	9	53 45.79	− 0.24	+ 8.53	26 25 48.45	45.210	+ 4.20	+ 27.3	9 53 54.08	+65.05	+12 25 7.1	....
39	Sun II, N	9	55 55.89	− 0.24	+ 8.53	25 53 49.45	46.185	+ 4.20	+ 26.7	9 56 4.18	−65.05	+12 56 44.6	....
40	158 H¹. Cephei s. p.	9	31 55.67	− 0.05	+ 8.49	304 1 45.82	44.736	+ 4.44	−1 21.5	5 32 4.11	.....	+85 8 50.5	....
41	β Ophuichi	9	38 46.07	− 0.27	+ **8.54**	34 13 51.08	46.290	+ 4.44	+ 37.7	17 38 54.29	.....	+ 4 36 29.2	....
42	μ Herculis	9	42 42.29	− 0.20	+ **8.56**	11 5 48.88	41.635	+ 4.44	+ 10.9	17 42 50.57	.....	+27 46 44.6	....
43	θ Herculis	9	52 57.05	− 0.17	+ 8.48	1 35 48.48	43.945	+ 4.44	+ 1.6	17 53 5.36	.....	+37 16 1.4	....
44	δ Ursæ Minoris	9	2 14.22	− 0.10	+ 8.48	312 15 46.10	43.844	+ 4.44	−1 0.6	18 2 22.60	.....	+86 37 8.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 18 15	30.035	70.6	69.8
18 42	......	....	69.9
19 2	30.03	70.0	69.0
23 39	30.00	66.6	66.0
23 51	......	....	65.8
0 10	......	....	65.0
0 18	30.02	66.1	65.0
0 37	......	....	64.3
0 54	30.02	65.3	64.4
1 13	......	....	64.1
1 29	......	....	64.0
1 52	......	....	63.7
2 12	30.06	63.9	62.0
8 47	30.12	77.1	76.1
19 9 52	30.11	78.1	78.1
18 38	30.08	73.6	72.1
8 51	30.00	75.0	74.0
20 9 56	29.99	79.0	78.8
17 26	29.91	74.6	73.5
17 45	......	....	73.0
18 6	......	....	73.0

Micrometer bisections are made at II, VI, except as noted below.

11, 18.	Bisections at II, VII.
14, 33, 38.	Bisections at I, II.
16, 23, 29, 34, 39.	Bisections at VI, VII.
32, 37.	Bisections at I, II, VI, VII.
35.	Bisections at I, II, III.
36.	Bisections at V, VI, VII.
40, 44.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

1–8. Haze.
9–31. Conditions poor.
35. Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
32	+ 2.8	.. ....	+ 0.3	+ 3.1
33	+ 3.8	+15 48.7	...	+15 52.5
34	+ 3.7	−15 48.7	...	−15 45.0
35	+52 47.4	−16 26.5	+ 0.4	+36 21.3
36	+53 4.3	+16 26.5	...	+69 30.8
37	+ 2.8	.. ....	+ 0.2	+ 3.0
38	+ 3.9	+15 48.7	...	+15 52.6
39	+ 3.8	−15 48.7	...	−15 44.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	22 H. Camelopardalis S. P.	9	8 27.38	− 0.04	+ 8.48	288 15 47.12	43.405	+ 4.44	−2 45.3	6 8 35.82	.....	+69 20 57.8	....
2	η Serpentis	9	16 23.56	− 0.30	+ **8.43**	41 45 50.62	45.172	+ 4.44	+ 49.5	18 16 31.74	.....	− 2 55 16.5	....
3	b Draconis	9	22 26.73	− 0.13	+ 8.48	340 7 47.38	42.108	+ 4.44	− 20.0	18 22 35.08	.....	+58 45 6.1	....
4	3 H. Scuti	9	30 2.63	− 0.32	+ **8.45**	47 9 51.30	42.562	+ 4.44	+ 59.7	18 30 10.79	.....	− 8 18 27.8	....
5	4 H. Scuti	9	37 4.79	− 0.32	+ **8.51**	47 57 52.42	47.522	+ 4.44	+1 1.5	18 37 12.95	.....	− 9 8 24.0	....
6	6 H. Scuti	9	42 8.23	− 0.30	+ 8.48	43 41 50.70	43.580	+ 4.44	+ 53.0	18 42 16.41	− 1.98	− 4 50 43.7	−10.0
7	β Lyræ	9	46 32.38	− 0.17	+ 8.48	5 35 47.82	45.125	+ 4.44	+ 5.5	18 46 40.69	.....	+33 15 31.2	....
8	51 H. Cephei S. P.	8	56 51.69	+ 0.03	+ 8.48	306 3 45.88	46.257	+ 4.44	−1 15.8	6 57 0.20	.....	+87 11 30.7	....
9	21 Aquilæ	9	8 55.16	− 0.27	+ 8.48	36 41 50.92	46.668	+ 4.44	+ 41.4	19 9 3.37	− 2.03	+ 2 8 17.0	−12.3
10	θ Lyræ	9	13 2.09	− 0.16	+ 8.48	0 53 49.00	43.165	+ 4.44	+ 0.9	19 13 10.41	.....	+37 58 19.4	....
11	186 G. Sagittarii	9	20 58.39	− 0.45	+ 8.48	68 45 51.00	41.957	+ 4.44	+2 21.8	19 21 6.42	− 2.45	−29 55 35.7	− 5.8
12	e Aquilæ	9	25 41.98	− 0.28	+ 8.48	41 49 50.95	43.955	+ 4.44	+ 49.7	19 25 50.18	− 2.12	− 2 58 49.2	−11.7
13	μ Aquilæ	9	29 26.62	− 0.24	+ **8.53**	31 39 49.08	45.015	+ 4.44	+ 34.3	19 29 34.86	.....	+ 7 11 3.8	....
14	σ Aquilæ	9	34 30.12	− 0.25	+ 8.48	33 39 50.02	44.170	+ 4.44	+ 37.0	19 34 38.35	− 2.10	+ 5 11 19.5	−13.3
15	Moon I, S.	9	41 22.65	− 0.40	+ 8.48	61 23 52.08	46.855	+ 4.44	+1 41.6	19 41 30.73	+74.39	−22 34 48.5	....
16	γ Sagittæ	9	54 31.08	− 0.21	+ **8.57**	19 35 49.00	46.912	+ 4.44	+ 19.8	19 54 39.35	.....	+19 14 35.0	....
	August 20, Hl.												
17	ρ Cassiopeiæ	9	49 38.97	− 0.06	+ 8.46	341 51 49.35	47.702	+ 4.06	− 18.1	23 49 47.37	− 3.30	+56 58 54.7	− 1.9
18	ω Piscium	9	54 26.06	− 0.22	+ **8.42**	32 29 50.65	44.852	+ 4.06	+ 35.4	23 54 34.30	.....	+ 6 21 5.2	....
19	α Andromedæ	9	3 28.73	− 0.14	+ **8.45**	10 15 49.18	46.958	+ 4.06	+ 10.1	0 3 37.05	.....	+28 34 43.8	....
20	35 Piscium	9	10 5.22	− 0.21	+ 8.46	30 32	......	....	.....	0 10 13.47	− 2.09	+ 8 18	....
21	β Ceti	9	38 49.18	− 0.34	+ **8.41**	57 19 51.60	44.278	+ 4.06	+1 26.5	0 38 57.30	.....	−18 29 33.7	....
22	η Cassiopeiæ	9	43 23.20	− 0.05	+ 8.46	341 31 49.12	46.742	+ 4.06	− 18.5	0 43 31.61	− 3.13	+57 19 17.4	+ 2.0
23	γ Cassiopeiæ	9	51 0.28	− 0.04	+ 8.46	338 39 47.68	43.175	+ 4.06	− 21.6	0 51 8.70	.....	+60 12 43.5	....
24	72 Piscium	9	0 4.45	− 0.18	+ 8.46	24 23 50.00	45.855	+ 4.06	+ 25.3	1 0 12.73	− 1.96	+14 26 53.0	− 8.6
25	η Ceti	9	3 48.33	− 0.28	+ 8.45	49 29 52.35	47.080	+ 4.06	+1 5.1	1 3 56.50	.....	−10 40 17.1	....
26	37 Ceti	9	9 36.55	− 0.27	+ 8.45	47 15 51.82	44.268	+ 4.06	+1 0.2	1 9 44.73	− 1.76	− 8 25 7.4	−14.5
27	ψ Cassiopeiæ	9	19 16.64	− 0.01	+ 8.45	331 13 46.55	44.042	+ 4.06	− 30.4	1 19 25.08	− 3.82	+67 38 33.3	+ 6.7
28	μ Piscium	9	25 12.22	− 0.21	+ 8.45	33 9 51.00	47.570	+ 4.06	+ 36.4	1 25 20.46	− 1.77	+ 5 40 1.7	−10.4
29	π Piscium	9	32 3.53	− 0.19	+ **8.46**	27 9 50.55	47.782	+ 4.06	+ 28.6	1 32 11.79	.....	+11 40 5.1	....
30	ν Piscium	9	36 28.94	− 0.21	+ **8.43**	33 49 51.22	44.500	+ 4.06	+ 37.3	1 36 37.18	.....	+ 5 1 10.8	....
31	ζ Ceti	9	46 45.63	− 0.28	+ **8.43**	49 37 51.35	44.895	+ 4.06	+1 5.4	1 46 53.80	.....	−10 47 26.4	....
32	50 Cassiopeiæ	9	55 24.22	+ 0.02	+ 8.45	326 53 46.58	45.440	+ 4.06	− 36.1	1 55 32.69	.....	+71 58 6.9	....
33	α Arietis	9	1 49.27	− 0.14	+ **8.36**	15 49 49.72	44.880	+ 4.06	+ 15.8	2 1 57.58	.....	+23 1 25.0	....
34	15 Arietis	9	5 21.57	− 0.16	+ 8.45	19 47 50.62	43.692	+ 4.06	+ 20.1	2 5 29.86	− 1.71	+19 3 47.0	− 4.8
35	Mercury II, C.	9	58 22.56	− 0.14	+ 8.47	20 53 50.52	46.304	+ 4.52	+ 20.8	8 58 30.89	− 0.21	+17 56 46.2	....
	August 21, Hl.												
36	Sun I, N.	9	57 28.20	− 0.20	+ 8.47	26 13 49.02	45.512	+ 4.64	+ 26.6	9 57 36.47	+64.99	+12 36 59.9	....
37	Sun II, S.	9	59 38.17	− 0.20	+ 8.47	26 45 47.68	44.645	+ 4.64	+ 27.3	9 59 46.44	−64.98	+12 5 20.5	....
	August 22, P.												
38	f Draconis	9	32 13.25	+ 0.01	+ 8.41	330 39 45.35	45.720	+ 3.64	− 31.6	17 32 21.67	− 1.39	+68 11 58.0	−20.8
39	β Ophiuchi	9	38 46.16	− 0.28	+ **8.44**	34 13 49.38	46.372	+ 3.64	+ 38.4	17 38 54.29	.....	+ 4 36 29.2	....
40	μ Herculis	9	42 42.39	− 0.18	+ **8.40**	11 5 47.55	41.728	+ 3.64	+ 11.1	17 42 50.62	.....	+27 46 44.4	....
41	θ Herculis	9	52 57.11	− 0.14	+ 8.41	1 35 47.12	44.050	+ 3.64	+ 1.6	17 53 5.38	.....	+37 16 1.2	....
42	τ Ophiuchi (*fol.*)	9	57 54.93	− 0.34	+ 8.41	47 1 50.35	43.352	+ 3.64	+1 0.6	17 58 3.00	− 1.81	− 8 10 45.0	− 7.6
43	36 Camelopardalis S. P.	9	3 21.71	− 0.19	+ 8.41	284 39 44.12	43.078	+ 3.64	−3 31.3	6 3 29.93	− 0.28	+65 44 0.5	+14.8
44	22 H. Camelopardalis S. P.	9	8 27.79	− 0.20	+ 8.41	288 15 46.78	43.680	+ 3.64	−2 48.7	6 8 36.00	.....	+69 20 59.5	....
45	η Serpentis	9	16 23.59	− 0.30	+ **8.38**	41 45 48.68	45.240	+ 3.64	+ 50.5	18 16 31.70	.....	− 2 55 16.3	....
46	λ Sagittarii	9	22 8.03	− 0.45	+ 8.41	64 17 51.30	45.135	+ 3.64	+1 57.0	18 22 15.99	.....	−25 28 23.0	....
47	3 H. Scuti	9	30 2.69	− 0.33	+ **8.38**	47 9 49.00	42.668	+ 3.64	+1 1.0	18 30 10.77	.....	− 8 18 28.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 18 25	......	....	72.6
18 45	......	....	72.1
19 5	......	....	71.8
19 17	29.91	72.9	71.8
19 56	29.90	72.5	71.3
23 40	29.875	71.3	70.6
23 57	......	....	70.8
0 15	......	....	70.7
0 35	......	....	70.3
0 55	29.86	71.0	70.0
1 12	......	....	70.0
1 29	......	....	70.0
1 43	......	....	69.8
2 11	29.85	70.6	69.9
9 1	29.84	82.8	82.8
21 10 0	29.855	84.2	84.9
22 17 28	30.00	67.0	65.6
17 50	......	....	65.1
18 10	......	....	64.5

Micrometer bisections are made at II, VI, except as noted below.

1, 43, 44.	Bisections at III, IV, V.
3, 22, 23, 38.	Bisections at III, V.
8.	Bisections at b_1, b_3, b_5, b_7, b_9.
9.	Bisections at II, VII.
11, 21.	Bisections at II, VI, VII.
15.	Bisections at II, III, IV, V, VI.
35.	Bisections at I, II, VI, VII.
36.	Bisections at I, II.
37, 47.	Bisections at VI, VII.

Notes.

12.	One microscope reading decreased 10″.
17-34.	Clouds at times.
46, 47.	Haze and clouds.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+53 7.1	+16 32.8	...	+69 39.9
35	+ 2.8	.. ....	+0.2	+ 3.0
36	+ 3.8	−15 49.7	...	−15 45.9
37	+ 3.9	+15 49.6	...	+15 53.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	4 H. Scuti	9	37 4.84	− 0.33	+ **8.45**	47 57 50.25	47.603	+ 3.64	+1 2.8	18 37 12.92	.....	− 9 8 24.3	....
2	θ Serpentis	9	51 29.55	− 0.26	+ **8.42**	34 45 48.30	44.723	+ 3.64	+ 39.3	18 51 37.70	.....	+ 4 5 7.0	....
3	ε Aquilæ	9	55 17.80	− 0.21	+ **8.42**	23 53 48.98	46.378	+ 3.64	+ 25.1	18 55 26.00	.....	+14 56 42.7	....
4	ζ Aquilæ	9	1 1.90	− 0.22	+ **8.41**	25 7 48.42	43.725	+ 3.64	+ 26.6	19 1 10.09	.....	+13 43 42.4	....
5	Moon I, S.	9	50 35.26	− 0.32	+ 8.40	55 47 51.75	45.464	+ 4.19	+1 23.4	21 50 43.34	+71.51	−16 57 58.0	....
	August 23, P.												
6	Mercury II, C	9	20 18.67	− 0.16	+ 8.27	22 1 50.75	43.992	+ 5.08	+ 22.0	9 20 26.78	− 0.20	+16 49 37.1	....
	August 24, P.												
7	Moon II, N.	9	49 31.94	− 0.29	+ 8.21	45 29 49.88	46.641	+ 4.16	+ 55.7	23 49 39.86	−67.43	− 6 39 55.4	....
8	12 Ceti	9	25 11.72	− 0.29	+ **8.19**	43 17 49.60	47.170	+ 4.16	+ 51.6	0 25 19.64	.....	− 4 28 3.0	....
9	π Andromedæ	9	31 49.04	− 0.14	+ 8.21	5 37 48.22	47.755	+ 4.16	+ 5.5	0 31 57.11	.....	+33 12 31.0	....
10	β Ceti	9	38 49.54	− 0.36	+ **8.16**	57 19 50.18	44.388	+ 4.16	+1 25.4	0 38 57.39	.....	−18 29 33.8	....
11	δ Piscium	9	43 45.48	− 0.23	+ **8.19**	31 45 49.25	45.422	+ 4.16	+ 34.0	0 43 53.46	.....	+ 7 4 54.8	....
12	8 Draconis s. p.	9	51 36.58	− 0.11	+ 8.21	284 51 45.78	44.433	+ 4.16	−3 22.4	12 51 44.68	.....	+65 56 42.5	....
13	α Sculptoris	9	54 1.76	− 0.46	+ 8.21	68 39 51.98	46.500	+ 4.16	+2 19.9	0 54 9.51	.....	−29 51 18.3	....
14	72 Piscium	9	0 4.76	− 0.21	+ 8.21	24 23 49.30	45.850	+ 4.16	+ 25.0	1 0 12.76	− 2.04	+14 26 53.8	− 9.3
15	β Andromedæ	9	4 25.59	− 0.13	+ 8.20	3 43 48.92	44.705	+ 4.16	+ 3.6	1 4 33.66	.....	+35 7 41.9	....
16	ζ¹ Piscium	9	8 46.25	− 0.23	+ **8.23**	31 45 49.15	44.682	+ 4.16	+ 34.1	1 8 54.22	.....	+ 7 5 11.8	....
17	l Ursæ Minoris s. p.	9	17 59.94	− 0.47	+ 8.20	304 7 46.62	44.107	+ 4.16	−1 20.7	13 18 7.67	+12.77	+85 14 37.5	− 9.8
18	48 Ceti	9	25 2.40	− 0.39	+ 8.20	60 55 52.55	45.745	+ 4.16	+1 38.8	1 25 10.21	− 1.75	−22 6 20.6	−17.7
19	π Piscium	9	32 3.93	− 0.22	+ **8.18**	27 9 50.00	47.785	+ 4.16	+ 28.3	1 32 11.91	.....	+11 40 5.8	....
20	φ Persei	9	37 44.04	− 0.08	+ 8.20	348 37 48.88	46.775	+ 4.16	− 11.0	1 37 52.16	.....	+50 13 9.3	....
21	ε Sculptoris	9	41 11.26	− 0.42	+ 8.20	64 19 51.62	46.218	+ 4.16	+1 54.3	1 41 19.04	.....	−25 30 46.0	....
22	ε Cassiopeiæ	9	47 36.84	− 0.04	+ 8.20	335 39 47.15	43.625	+ 4.16	− 24.8	1 47 45.00	.....	+63 12 36.8	....
23	53 Cassiopeiæ	9	56 1.70	− 0.03	+ 8.20	334 55 46.12	44.440	+ 4.16	− 25.7	1 56 9.87	− 3.30	+63 56 20.1	+ 7.2
24	ν Fornacis	9	0 13.24	− 0.46	+ 8.20	68 33 51.85	43.862	+ 4.16	+2 19.7	2 0 20.98	− 1.53	−29 44 17.7	−19.1
25	15 Arietis	9	5 21.94	− 0.19	+ 8.20	19 47 48.68	43.755	+ 4.16	+ 19.9	2 5 29.95	− 1.82	+19 3 47.6	− 5.6
26	γ Trianguli	9	11 40.81	− 0.14	+ 8.20	5 25 48.08	46.373	+ 4.16	+ 5.3	2 11 48.87	.....	+33 25 2.8	....
27	ξ Arietis	9	19 43.53	− 0.22	+ 8.20	28 39 48.75	44.070	+ 4.16	+ 30.2	2 19 51.51	− 1.65	+10 11 30.1	− 7.9
28	ξ² Ceti	9	23 6.42	− 0.23	+ **8.21**	30 47 48.65	45.912	+ 4.16	+ 33.0	2 23 14.39	.....	+ 8 2 45.3	....
29	5 Ursæ Minoris s. p.	8	27 31.64	− 0.18	+ 8.20	294 59 38.90	46.630	+ 4.16	−1 57.4	14 27 39.66	.....	+76 6 50.8	....
30	δ Ceti	9	34 36.40	− 0.27	+ **8.27**	38 53 42.40	48.128	+ 4.16	+ 44.7	2 34 44.33	.....	− 0 4 10.9	....
	August 25, Hl.												
31	α Pegasi	9	0 2.16	− 0.17	+ **8.03**	24 7 51.58	46.860	+ 3.74	+ 25.2	23 0 10.06	.....	+14 42 28.9	....
32	A Piscium	9	3 49.62	− 0.22	+ 8.07	37 13 51.68	43.432	+ 3.75	+ 42.6	23 3 57.47	− 2.29	+ 1 37 29.7	−14.4
33	ψ¹ Aquarii	9	10 55.76	− 0.28	+ 8.07	48 25 51.72	44.965	+ 3.77	+1 3.2	23 11 3.55	− 2.27	− 9 35 25.9	−15.4
34	τ Pegasi	9	15 56.43	− 0.13	+ **8.07**	15 37 51.00	43.182	+ 3.79	+ 15.7	23 16 4.37	.....	+23 14 2.9	....
35	κ Piscium	9	22 4.36	− 0.23	+ **8.05**	38 5 53.05	44.610	+ 3.81	+ 44.0	23 22 12.20	.....	+ 0 45 0.0	....
36	1 H. Cassiopeiæ	9	25 39.48	+ 0.01	+ 8.07	340 49 49.52	44.330	+ 3.81	− 19.4	23 25 47.56	− 3.49	+58 2 12.7	− 5.1
37	γ Cephei	9	35 29.91	+ 0.21	+ 8.07	321 43 48.40	49.168	+ 3.84	− 44.1	23 35 38.19	.....	+77 6 48.4	....
38	274 G. Aquarii	9	48 26.96	− 0.38	+ 8.07	63 33 53.50	45.550	+ 3.88	+1 52.5	23 48 34.65	− 2.23	−24 44 30.4	−17.3
39	ω Piscium	9	54 26.50	− 0.20	+ **8.04**	32 29 51.55	44.738	+ 3.90	+ 35.8	23 54 34.37	.....	+ 6 21 6.7	....
40	α Andromedæ	9	3 29.18	− 0.11	+ **8.07**	10 15 49.65	46.875	+ 3.92	+ 10.2	0 3 37.14	.....	+28 34 45.2	....
41	6 B. Ursæ Minoris s. p.	9	13 37.00	− 1.95	+ 8.07	307 5 46.32	44.820	+ 3.95	−1 13.8	12 13 43.12	.....	+88 13 0.2	....
42	13 Ceti	9	30 21.86	− 0.25	+ 8.06	42 55 52.55	47.052	+ 4.00	+ 52.2	0 30 29.67	.....	− 4 6 3.7	....
43	Moon II, N.	9	43 19.52	− 0.25	+ 8.06	40 7 51.15	43.311	+ 4.03	+ 46.1	0 43 27.33	−65.94	− 1 16 30.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 18 35	30.00	65.0	64.0
18 50	......	....	64.0
19 2	30.00	64.9	64.0
21 51	30.00	62.9	62.0
23 9 20	29.72	78.9	79.0
24 23 50	29.57	73.8	73.1
0 22	......	....	73.0
0 23	29.575	73.0	....
0 26	......	....	72.8
0 45	......	....	72.0
1 5	......	....	71.1
1 26	29.58	71.4	70.7
1 48	......	....	70.0
2 9	......	....	69.2
2 35	......	....	68.6
2 36	29.61	69.5	....
25 22 50	29.71	65.1	63.9
23 8	......	....	63.2
23 20	......	....	63.0
23 44	......	....	62.8
23 59	29.705	63.4	63.0
0 24	......	....	63.0
0 34	29.705	63.1	63.0

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 10, 26, 30.	Bisections at II, VI, VII.
5, 7, 43.	Bisections at II, III, IV, V, VI.
6.	Bisections at I, II, VI, VII.
11, 18.	Bisections at II, VII.
12, 29, 37.	Bisections at III, IV, V.
14, 21, 36.	Bisections at VI, VII.
17.	Bisections at b_1, b_3, b_5, b_7, b_9.
20, 22, 23.	Bisections at III, V.
41.	Bisections at b_3, b_5, b_7.

Notes.

1–5, 12.	Haze and clouds.
11.	One microscope reading decreased 10″.
28.	Micrometer reading increased 1 rev.
31–43.	Conditions rather poor. Images unsteady.
38.	Very unsteady.
39.	Faint.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+49 50.4	+16 29.4	...	+66 19.8
6	+ 2.7	.. ....	+ 0.2	+ 2.9
7	+42 3.0	−16 8.6	...	+25 54.4
43	+37 24.2	−15 54.3	...	+21 29.9

No.	Date Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	43 H. Cephei	9	56 1.89	+ 0.78	+ 8.06	313 5 48.00	48.333	+ 4.07	− 59.7	0 56 10.73	.....	+85 45 23.2	....
2	ζ¹ Piscium	9	8 46.38	− 0.20	+ **8.10**	31 45 51.58	44.555	+ 4.10	+ 34.8	1 8 54.24	.....	+ 7 5 11.6	....
3	υ Piscium	9	14 15.32	− 0.12	+ **8.10**	12 3 50.42	47.145	+ 4.12	+ 12.1	1 14 23.26	.....	+26 46 36.2	....
4	ω Andromedæ	9	21 59.83	− 0.05	+ 8.06	353 55 49.38	45.395	+ 4.14	− 5.9	1 22 7.84	− 2.54	+44 55 35.1	− 0.1
5	μ Piscium	9	25 12.65	− 0.20	+ 8.06	33 9 51.55	47.495	+ 4.15	+ 36.8	1 25 20.51	− 1.89	+ 5 40 2.2	−11.1
6	Mercury II, C	9	35 31.14	− 0.15	+ 8.06	22 57 51.75	48.842	+ 3.78	+ 23.3	9 35 39.05	− 0.19	+15 51 45.2	....
	August 26, Hl.												
7	Sun I, S.	9	15 54.08	− 0.17	+ 8.06	28 25 51.12	48.490	+ 4.49	+ 29.7	10 16 1.97	+64.67	+10 23 46.7	....
8	Sun II, N	8	18 3.43	− 0.17	+ 8.06	27 53 51.88	49.362	+ 4.49	+ 29.1	10 18 11.32	−64.68	+10 55 26.9	....
9	μ Herculis	9	42 42.62	− 0.16	+ **8.08**	11 5 48.90	41.650	+ 3.56	+ 10.9	17 42 50.52	.....	+27 46 45.1	....
10	89 Herculis	8	51 33.61	− 0.17	+ **8.18**	12 47 49.75	43.160	+ 3.56	+ 12.6	17 51 41.50	.....	+26 4 8.2	....
11	35 Draconis	7	53 30.30	+ 0.08	+ 8.06	321 53 47.45	43.748	+ 3.56	− 43.2	17 53 38.44	.....	+76 58 51.5	....
12	36 Camelopardalis S. P.	9	3 22.46	− 0.14	+ 8.06	284 39 47.38	42.772	+ 3.56	−3 26.7	6 3 30.38	− 0.51	+65 44 1.0	+15.1
13	μ Sagittarii	9	8 6.42	− 0.37	+ 8.06	59 53 52.42	47.585	+ 3.56	+1 35.2	18 8 14.11	.....	−21 4 58.4	....
14	η Serpentis	9	16 23.88	− 0.28	+ **8.02**	41 45 50.95	45.130	+ 3.56	+ 49.4	18 16 31.66	.....	− 2 55 14.9	....
15	μ Lyræ	9	21 3.74	− 0.12	+ 8.06	359 23 47.45	45.085	+ 3.56	− 0.5	18 21 11.68	− 1.64	+39 27 39.4	−19.1
16	3 H. Scuti	8	30 3.01	− 0.30	+ **7.98**	47 10	......	....	.....	18 30 10.77	.....	− 8 18	....
17	29 H¹. Sagittarii	9	33 15.16	− 0.38	+ 8.06	59 57 52.28	44.202	+ 3.56	+1 35.4	18 33 22.84	− 2.07	−21 7 40.8	− 5.1
18	φ Sagittarii	9	39 45.42	− 0.42	+ 8.06	65 53 53.58	46.790	+ 3.56	+2 3.2	18 39 53.06	.....	−27 5 9.2	....
19	B. D.+52°2279	7	44 32.39	− 0.08	+ 8.06	346 23 49.15	42.788	+ 3.56	− 13.3	18 44 40.37	− 1.88	+52 28 42.6	−20.1
20	50 Draconis	7	49 17.59	+ 0.06	+ 8.06	323 31 48.38	46.398	+ 3.56	− 40.7	18 49 25.71	.....	+75 19 47.7	....
21	λ Aquilæ	9	1 13.10	− 0.29	+ **8.03**	43 51 52.35	44.770	+ 3.56	+ 53.2	19 1 20.87	.....	− 5 1 11.9	....
22	21 Aquilæ	9	8 55.58	− 0.25	+ 8.06	36 41 51.40	46.662	+ 3.56	+ 41.3	19 9 3.39	− 1.98	+ 2 8 17.7	−12.5
23	θ Lyræ	9	13 2.43	− 0.12	+ 8.06	0 53 48.65	43.155	+ 3.56	+ 0.9	19 13 10.37	.....	+37 58 20.9	....
24	e Aquilæ	9	25 42.41	− 0.28	+ 8.06	41 49 51.22	43.950	+ 3.56	+ 49.6	19 25 50.19	− 2.07	− 2 58 48.4	−11.8
25	h Sagittarii	9	30 57.76	− 0.41	+ 8.06	63 53 52.12	47.595	+ 3.56	+1 52.8	19 31 5.41	.....	−25 5 15.8	....
26	54 Sagittarii	9	35 18.41	− 0.34	+ 8.06	55 19 52.02	46.445	+ 3.56	+1 20.1	19 35 26.13	.....	−16 30 16.5	....
27	228 G. Sagittarii	9	40 0.26	− 0.47	+ 8.06	70 55 53.70	47.232	+ 3.56	+2 39.3	19 40 7.85	− 2.50	−32 7 55.5	− 5.7
28	η Aquilæ	9	47 38.54	− 0.26	+ 8.06	38 5 51.30	41.620	+ 3.56	+ 43.5	19 47 46.34	− 2.12	+ 0 46 10.8	−13.1
29	γ Sagittæ	9	54 31.51	− 0.19	+ **8.07**	19 35 49.78	46.870	+ 3.56	+ 19.8	19 54 39.38	.....	+19 14 36.0	....
30	269 G. Sagittarii	9	58 8.44	− 0.39	+ 8.06	61 39 51.65	48.155	+ 3.56	+1 42.7	19 58 16.11	− 2.38	−22 51 18.2	− 8.8
31	θ Aquilæ	9	6 24.86	− 0.27	+ **8.03**	39 55 50.68	46.310	+ 3.56	+ 46.4	20 6 32.64	.....	− 1 5 38.6	....
	August 26, P.												
32	1 B. Ursæ Minoris	9	58 5.56	+ 2.02	+ 8.04	310 21 45.15	43.403	+ 4.21	−1 5.9	0 58 15.62	−48.60	+88 31 23.8	+ 7.0
33	υ Piscium	9	14 15.41	− 0.12	+ **8.04**	12 3 49.70	47.178	+ 4.21	+ 12.1	1 14 23.33	.....	+26 46 36.0	....
34	θ Ceti	9	19 16.62	− 0.27	+ **8.00**	47 29 52.48	45.365	+ 4.21	+1 1.3	1 19 24.39	.....	− 8 39 34.4	....
35	9 B. Ursæ Minoris S. P.	9	23 35.20	− 0.22	+ 8.04	291 45 46.85	46.692	+ 4.21	−2 19.0	13 23 43.02	.....	+72 52 38.7	....
36	Moon II, N	9	35 9.83	− 0.22	+ 8.04	34 51 51.38	43.824	+ 4.21	+ 39.1	1 35 17.65	−65.02	+ 3 59 24.1	....
37	τ Ceti	9	39 38.87	− 0.32	+ **7.96**	55 15 52.78	43.995	+ 4.21	+1 20.9	1 39 46.59	.....	−16 25 22.9	....
38	χ Ceti	9	44 55.04	− 0.29	+ 8.04	49 59 52.28	42.410	+ 4.21	+1 6.8	1 45 2.79	.....	−11 8 32.1	....
39	ξ Piscium	9	48 38.37	− 0.22	+ **8.05**	36 7 52.48	42.458	+ 4.21	+ 41.0	1 48 46.19	.....	+ 2 43 52.3	....
40	53 Cassiopeiæ	9	56 1.78	+ 0.06	+ 8.04	334 55 48.02	44.382	+ 4.21	− 26.1	1 56 9.88	− 3.40	+63 56 19.9	+ 6.7
41	ν Fornacis	9	0 13.33	− 0.44	+ 8.04	68 33 54.48	43.625	+ 4.21	+2 22.0	2 0 20.93	− 1.59	−29 44 17.2	−19.0
42	4 Ursæ Minoris S. P.	9	9 0.29	− 0.39	+ 8.03	296 51 46.68	47.118	+ 4.21	−1 49.6	14 9 7.93	.....	+77 59 17.6	....
43	ξ Arietis	9	19 43.67	− 0.18	+ 8.03	28 39 51.65	43.912	+ 4.21	+ 30.7	2 19 51.52	− 1.71	+10 11 30.2	− 8.1
44	27 Arietis	9	25 38.61	− 0.16	+ 8.03	21 33 51.32	43.935	+ 4.21	+ 22.2	2 25 46.48	− 1.75	+17 17 38.5	− 5.6
45	128 H¹. Ceti	9	30 52.71	− 0.20	+ 8.03	32 23 51.58	45.715	+ 4.21	+ 35.7	2 31 0.54	.....	+ 6 26 44.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 1 1	......	....	62.6
1 17	......	....	62.2
1 33	29.71	62.3	62.1
9 38	29.76	75.6	75.2
26 10 18	29.755	76.0	75.8
17 37	29.77	72.8	72.9
17 47	......	....	72.0
18 2	......	....	71.7
18 14	......	....	71.5
18 26	......	....	71.3
18 38	......	....	71.5
19 0	......	....	71.0
19 5	29.79	71.3	....
19 19	......	....	70.9
19 44	......	....	70.1
19 53	......	....	70.2
20 11	29.79	70.3	70.0
0 52	29.77	62.9	62.5
1 12	......	....	63.0
1 31	......	....	63.9
1 50	29.77	64.0	64.1
2 13	......	....	65.0
2 29	......	....	64.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at b_2, b_5, b_8.
5, 8, 11, 13, 19, 20, 30.	Bisections at VI, VII.
6.	Bisections at I, II, VI, VII.
7, 10, 17, 26.	Bisections at I, II.
32.	Bisections at b_1, b_3, b_5, b_7, b_9.
33.	Bisections at II, VI, VII.
34.	Bisections at II, VII.
35, 42.	Bisections at III, IV, V. .
36.	Bisections at II, III, IV, V, VI.
40.	Bisections at III, V.

Notes.

1–5.	Conditions rather poor.
9–31.	Conditions poor; haze and clouds.
12.	Poor.
19.	Very faint.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 2.8	.. ....	+ 0.1	+ 2.9
7	+ 4.1	+15 50.0	...	+15 54.1
8	+ 4.0	−15 50.1	...	−15 46.1
36	+32 38.0	−15 39.2	...	+16 58.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	118 H¹. Cassiopeiæ........	9	36 43.97	+ 0.13	+ 8.03	331 25 47.25	46.482	+ 4.21	− 30.4	2 36 52.13	− 3.35	+67 25 36.9	+10.1
2	41 Arietis...............	9	44 24.23	− 0.10	+ **8.07**	11 57 49.65	47.028	+ 4.21	+ 12.0	2 44 32.16	.....	+26 52 39.7	....
3	τ Persei...............	9	47 33.81	+ 0.02	+ 8.03	346 27 50.12	47.790	+ 4.21	− 13.4	2 47 41.86	.....	+52 22 47.2	....
4	ε Arietis (*mean*)........	9	53 47.21	− 0.14	+ **8.09**	17 53 51.30	42.750	+ 4.21	+ 18.2	2 53 55.10	.....	+20 58 9.6	....
5	α Ceti.................	9	57 18.63	− 0.21	+ **8.06**	35 7 49.90	43.088	+ 6.38	+ 39.6	2 57 26.45	.....	+ 3 43 39.7	....
6	β Persei...............	9	2 0.83	− 0.04	+ 8.03	358 15 49.95	44.698	+ 4.21	− 1.6	3 2 8.82	.....	+40 35 46.2	....
	August 28, Hl.												
7	Sun I, N..............	9	23 13.57	− 0.17	+ 7.85	28 35 51.10	48.940	+ 4.00	+ 30.0	10 23 21.25	+64.52	+10 13 36.7	....
8	Sun II, S.............	9	25 22.61	− 0.17	+ 7.85	29 7 50.68	48.110	+ 4.00	+ 30.7	10 25 30.29	−64.52	+ 9 41 55.6	....
	August 28, M.												
9	Moon II, N............	9	16 18.93	− 0.14	+ 7.84	25 39 49.90	46.458	+ 4.17	+ 27.2	3 16 26.63	−64.66	+13 10 37.3	....
10	Mercury C, C..........	9	58 35.98	− 0.16	+ 7.81	24 41 52.00	47.881	+ 3.75	+ 25.5	9 58 43.63	− 0.01	+14 8 4.8	....
11	Venus I, C............	9	12 59.12	− 0.17	+ 7.81	26 23 53.18	45.760	+ 3.75	+ 27.5	10 13 6.76	+ 0.35	+12 26 50.1	....
12	Venus II..............	9	12 59.83	− 0.17	+ 7.81	... .	......	....	. ....	10 13 7.47	− 0.36	.. ..	....
	August 29, M.												
13	Sun S.................	.	.. ..	....	....	29 29 52.00	45.878	+ 3.52	+ 31.3	10 28	.....	+ 9 20 44.9	....
14	Sun N.................	.	.. ..	....	....	28 57 52.60	46.685	+ 3.52	+ 30.6	.. ..	.....	+ 9 52 26.8	....
15	89 Herculis............	9	51 33.98	− 0.15	+ **7.73**	12 48	......	....	. ....	17 51 41.56	.....	+26 4	....
16	35 Draconis............	9	53 30.30	+ 0.23	+ 7.73	321 53 47.10	43.735	+ 3.97	− 43.4	17 53 38.26	.....	+76 58 52.9	....
17	τ Ophiuchi (*mean*).......	9	57 55.33	− 0.31	+ 7.73	47 1 51.78	43.330	+ 3.97	+ 59.6	17 58 2.75	− 1.71	− 8 10 45.2	− 7.7
18	72 Ophiuchi............	9	2 50.57	− 0.22	+ **7.69**	29 17 50.65	44.732	+ 3.97	+ 31.2	18 2 58.08	.....	+ 9 33 12.2	....
19	40 Draconis............	9	6 54.27	+ 0.34	+ 7.73	318 53 47.15	41.818	+ 3.97	− 48.4	18 7 2.34	− 1.92	+79 59 41.7	−21.0
20	η Serpentis............	9	16 24.18	− 0.28	+ **7.68**	41 45 50.10	45.200	+ 3.97	+ 49.7	18 16 31.63	.....	− 2 55 16.4	....
21	μ Lyræ.................	9	21 4.04	− 0.10	+ 7.73	359 23 49.32	45.000	+ 3.97	− 0.5	18 21 11.67	− 1.58	+39 27 39.0	−19.6
22	3 H. Scuti.............	9	30 3.22	− 0.31	+ **7.74**	47 10	......	....	. ...	18 30 10.63	.....	− 8 18	....
23	29 H¹. Sagittarii..........	9	33 15.41	− 0.39	+ 7.72	59 57 51.75	44.225	+ 3.97	+1 36.0	18 33 22.74	− 2.03	−21 7 42.0	− 5.2
24	110 Herculis............	9	41 33.82	− 0.18	+ **7.63**	18 24	......	....	. ....	18 41 41.36	.....	+20 27	....
25	Mars I, C..............	9	44 37.39	− 0.45	+ 7.72	66 37 52.45	52.485	+ 3.97	+2 8.4	18 44 44.66	+ 0.72	−27 49 48.6	....
26	50 Draconis............	9	49 17.55	+ 0.19	+ 7.72	323 31 46.08	46.492	+ 3.97	− 41.0	18 49 25.46	.....	+75 19 48.7	....
27	γ Lyræ.................	9	55 22.14	− 0.13	+ 7.72	6 17 50.50	43.805	+ 3.97	+ 6.2	18 55 29.73	.....	+32 33 58.2	....
28	λ Aquilæ...............	9	1 13.39	− 0.29	+ **7.71**	43 51 51.30	44.778	+ 3.97	+ 53.6	19 1 20.82	.....	− 5 1 11.8	....
29	25 H. Camelopardalis s. p.	9	11 23.12	− 0.67	+ 7.72	301 27 46.15	46.270	+ 3.97	−1 30.6	7 11 30.17	.....	+82 35 16.3	....
30	186 G. Sagittarii..........	9	20 59.02	− 0.47	+ 7.72	68 43 51.65	47.180	+ 3.97	+2 22.9	19 21 6.27	− 2.36	−29 55 36.3	− 5.0
31	e Aquilæ...............	9	25 42.64	− 0.28	+ 7.72	41 49 50.70	43.955	+ 3.97	+ 50.0	19 25 50.08	− 2.04	− 2 58 48.8	−12.0
32	51 B. Cygni............	9	33 29.39	− 0.08	+ 7.72	355 21 48.35	43.928	+ 3.97	− 4.5	19 33 37.03	− 2.08	+43 30 8.5	−19.3
33	e Sagittarii...........	9	37 6.89	− 0.36	+ 7.72	55 9 51.70	46.798	+ 3.97	+1 20.3	19 37 14.25	− 2.21	−16 20 25.1	− 9.2
34	δ Cygni................	9	41 58.62	− 0.07	+ 7.72	353 57 49.45	42.990	+ 3.97	− 5.9	19 42 6.27	.....	+44 54 30.2	....
35	ε Draconis.............	9	48 24.97	+ 0.10	+ 7.72	328 49 46.60	45.220	+ 3.97	− 33.7	19 48 32.79	.....	+70 2 9.9	....
36	ψ Cygni................	8	53 8.27	− 0.04	+ 7.72	346 39 48.80	45.210	+ 3.97	− 13.2	19 53 15.95	.....	+52 11 47.5	....
37	15 Vulpeculæ...........	9	57 10.81	− 0.15	+ 7.72	11 21 48.92	43.500	+ 3.97	+ 11.3	19 57 18.38	− 2.10	+27 30 2.0	−17.5
38	θ Aquilæ...............	9	6 25.23	− 0.27	+ **7.64**	39 55 50.50	46.315	+ 3.97	+ 46.9	20 6 32.68	.....	− 1 5 39.5	....
	August 29, Hl.												
39	6 B. Ursæ Minoris s. p...	9	13 37.61	− 2.04	+ 7.63	307 5 46.52	44.843	+ 3.74	−1 14.2	12 13 43.20	.....	+88 12 59.6	....
40	43 H. Cephei............	9	56 3.11	+ 0.83	+ 7.63	313 5 48.85	48.285	+ 3.74	−1 0.0	0 56 11.57	.....	+85 45 23.9	....
41	ξ Andromedæ...........	9	16 46.77	− 0.03	+ 7.63	353 49 49.85	43.045	+ 3.74	− 6.0	1 16 54.37	− 2.68	+45 2 28.9	− 1.3
42	ω Andromedæ...........	9	22 0.36	− 0.03	+ 7.63	353 55 49.65	45.400	+ 3.74	− 5.9	1 22 7.96	− 2.66	+44 55 35.2	− 1.0
43	π Piscium..............	9	32 4.54	− 0.16	+ **7.63**	27 9 51.75	47.665	+ 3.74	+ 29.1	1 32 12.01	.....	+11 40 6.4	....
44	ν Piscium..............	9	36 29.86	− 0.19	+ **7.70**	33 49 51.90	44.395	+ 3.74	+ 37.9	1 36 37.30	.....	+ 5 1 12.2	....
45	ζ Ceti.................	9	46 46.58	− 0.26	+ **7.69**	49 37 53.72	44.735	+ 3.74	+1 6.4	1 46 53.94	.....	−10 47 25.9	....
46	53 Cassiopeiæ..........	9	56 2.46	+ 0.06	+ 7.62	334 55 48.78	44.328	+ 3.74	− 26.3	1 56 10.14	− 3.55	+63 56 20.8	+ 6.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 2 50	......	....	63.1
3 3	29.78	64.0	63.0
28 10 25	29.715	73.9	73.9
3 16	29.77	62.9	61.3
9 59	29.86	73.6	72.3
10 13	29.855	73.8	72.5
29 10 29	29.855	74.1	73.0
17 44	29.82	71.4	70.2
18 11	......	....	69.3
18 37	29.82	69.8	68.8
19 28	29.82	67.7	66.7
20 12	29.82	67.3	66.4
0 2	29.82	63.5	62.3
0 24	......	....	62.0
0 43	......	....	62.0
1 4	29.83	62.8	61.9
1 25	......	....	61.2
1 50	......	....	61.8

Micrometer bisections are made at II, VI, except as noted below.

1, 3, 16, 19, 35, 36.	Bisections at III, V.
6, 26.	Bisections at IV, V.
7, 13.	Bisections at I, II.
8, 14, 27.	Bisections at VI, VII.
9.	Bisections at II, III, IV, V, VI.
10, 11, 25.	Bisections at I, II, VI, VII.
25.	Z. D. threads C used.
29, 39, 40.	Bisections at III, IV, V.
45.	Bisections at II, VII.

Notes.

5. Two microscopes used.
17. Assumed that mean was observed as directed on observing list.
41–46. Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
7	+ 4.1	−15 50.5	...	−15 46.4
8	+ 4.2	+15 50.5	...	+15 54.7
9	+23 59.0	−15 11.8	...	+ 8 47.2
10	+ 2.8	.. ....	+0.1	+ 2.9
11	+ 2.2	.. ....	0.0	+ 2.2
13	+ 4.3	+15 50.9	...	+15 55.2
14	+ 4.2	−15 50.9	...	−15 46.7
25	+ 15.0	.. ....	0.0	+ 15.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Arietis	9	1 50.23	− 0.12	+ **7.62**	15 49 50.50	44.768	+ 3.74	+ 16.1	2 1 57.73	.....	+23 1 26.8	....
2	67 Ceti	9	12 14.93	− 0.24	+ **7.65**	45 41 53.48	43.505	+ 3.74	+ 57.8	2 12 22.31	.....	− 6 50 48.9	....
3	ξ Arietis	9	19 44.16	− 0.17	+ 7.62	28 39 52.02	43.862	+ 3.74	+ 30.9	2 19 51.61	− 1.79	+10 11 31.3	− 8.5
4	ξ² Ceti	9	23 7.05	− 0.18	+ **7.66**	30 47 51.00	45.790	+ 3.74	+ 33.7	2 23 14.49	.....	+ 8 2 45.4	....
5	128 H¹. Ceti	9	30 53.13	− 0.18	+ 7.62	32 23 52.25	45.645	+ 3.74	+ 35.9	2 31 0.57	.....	+ 6 26 45.3	....
6	δ Ceti	9	34 37.08	− 0.21	+ **7.66**	38 53 52.00	47.670	+ 3.74	+ 45.7	2 34 44.49	.....	− 0 4 10.5	....
7	β Fornacis	8	45 6.18	− 0.43	+ 7.62	71 35 52.68	45.645	+ 3.74	+2 48.8	2 45 13.37	.....	−32 47 27.9	....
8	β Ursæ Minoris s. P.	9	50 48.42	− 0.24	+ 7.62	293 25 47.48	45.675	+ 3.74	−2 9.3	14 50 55.80	.....	+74 32 24.8	....
9	ρ Persei	9	59 7.17	− 0.06	+ 7.62	0 21 50.72	47.252	+ 3.74	+ 0.4	2 59 14.73	.....	+38 28 45.5	....
10	β Persei	9	2 1.27	− 0.05	+ 7.62	358 15 51.80	44.605	+ 3.74	− 1.7	3 2 8.84	.....	+40 35 46.8	....
11	Moon II, N.	9	6 59.76	− 0.14	+ 7.61	22 5 50.65	46.202	+ 3.81	+ 23.1	4 7 7.23	−65.01	+16 44 46.9	....
	August 30, Hl.												
12	τ Ophiuchi (*mean*)	9	57 55.54	− 0.30	+ 7.53	47 1 53.48	43.255	+ 3.94	+ 59.1	17 58 2.77	− 1.70	− 8 10 44.7	− 7.8
13	φ Draconis	7	21 59.87	+ 0.03	+ 7.53	327 33 47.88	46.565	+ 3.94	− 34.9	18 22 7.43	− 1.79	+71 17 38.4	−21.5
14	3 H. Scuti	9	30 3.47	− 0.30	+ **7.46**	47 10	......	....	. ....	18 30 10.70	.....	− 8 18	....
15	110 Herculis	9	41 33.98	− 0.18	+ **7.46**	18 23 51.32	44.075	+ 3.94	+ 18.4	18 41 41.33	.....	+20 27 39.5	....
16	50 Draconis	9	49 17.69	+ 0.08	+ 7.53	323 31 47.98	46.382	+ 3.94	− 40.6	18 49 25.30	.....	+75 19 48.4	....
17	υ Draconis	7	55 27.38	+ 0.03	+ 7.53	327 41 47.80	43.752	+ 3.94	− 34.8	18 55 34.94	− 2.37	+71 10 42.6	−20.9
18	λ Aquilæ	9	1 13.51	− 0.28	+ **7.57**	43 51 52.55	44.742	+ 3.94	+ 53.1	19 1 20.76	.....	− 5 1 11.7	....
19	25 H. Camelopardalis s. P.	9	11 23.43	− 0.39	+ 7.53	301 27 46.80	46.220	+ 3.94	−1 29.6	7 11 30.57	.....	+82 35 15.8	....
20	186 G. Sagittarii	9	20 59.23	− 0.45	+ 7.53	68 43 53.05	47.168	+ 3.94	+2 21.2	19 21 6.31	− 2.35	−29 55 35.7	− 5.0
21	51 B. Cygni	9	33 29.66	− 0.10	+ 7.53	355 21 48.65	43.892	+ 3.94	− 4.4	19 33 37.09	− 2.07	+43 30 9.1	−19.5
22	e Sagittarii	9	37 7.06	− 0.34	+ 7.53	55 9 52.75	46.775	+ 3.94	+1 19.4	19 37 14.25	− 2.20	−16 20 24.7	− 9.3
23	ε Draconis	9	48 25.22	+ 0.02	+ 7.53	328 49 47.50	45.140	+ 3.94	− 33.4	19 48 32.77	.....	+70 2 10.3	....
24	ψ Cygni	9	53 8.56	− 0.07	+ 7.52	346 39 49.82	45.155	+ 3.94	− 13.1	19 53 16.01	.....	+52 11 47.6	....
25	15 Vulpeculæ	5	57 10.93	− 0.15	+ 7.52	11 22 4.68	42.752	+ 3.94	+ 11.2	19 57 18.30	− 2.09	+27 30 3.2	−17.7
26	173 B. Camelopardalis s. P.	9	7 43.16	− 0.22	+ 7.52	294 55 46.38	44.848	+ 3.94	−1 58.2	8 7 50.46	.....	+76 2 16.1	....
27	α² Capricorni	9	12 48.78	− 0.32	+ **7.58**	51 39 52.58	45.688	+ 3.94	+1 10.0	20 12 55.98	.....	−12 49 50.2	....
28	ε Delphini	8	28 41.13	− 0.22	+ **7.52**	27 51 51.40	44.132	+ 3.94	+ 29.4	20 28 48.43	.....	+10 59 27.0	....
29	ε Aquarii	9	42 33.72	− 0.31	+ **7.49**	48 41 52.18	41.172	+ 3.94	+1 3.1	20 42 40.93	.....	− 9 49 59.8	....
	August 30, M.												
30	l Piscium	9	15 53.57	− 0.10	+ 7.56	10 35 48.80	45.660	+ 4.47	+ 10.5	1 16 1.03	− 2.31	+28 15 13.1	− 6.1
31	9 B. Ursæ Minoris s. P.	6	23 35.42	− 0.34	+ 7.56	291 45 47.12	46.620	+ 4.47	−2 18.6	13 23 42.64	.....	+72 52 37.9	....
32	π Piscium	9	32 4.62	− 0.18	+ **7.59**	27 9 50.30	47.745	+ 4.47	+ 28.8	1 32 12.00	.....	+11 39 5.6	....
33	ν Piscium	9	36 30.01	− 0.21	+ **7.60**	33 49 51.00	44.470	+ 4.47	+ 37.5	1 36 37.36	.....	+ 5 1 11.1	....
34	τ Ceti	9	39 39.45	− 0.33	+ **7.50**	55 15 51.55	44.020	+ 4.47	+1 20.6	1 39 46.68	.....	−16 25 22.2	....
35	γ Arietis (*south*)	4	48 20.08	− 0.14	+ 7.56	19 59 50.35	47.385	+ 4.47	+ 20.4	1 48 27.50	− 2.04	+18 50 21.9	− 7.2
36	γ Andromedæ	9	58 6.14	− 0.03	+ 7.56	356 57 48.90	46.822	+ 4.47	− 2.9	1 58 13.67	.....	+41 52 59.7	....
37	β Trianguli	9	3 55.16	− 0.07	+ 7.56	4 17 49.98	46.838	+ 4.47	+ 4.3	2 4 2.65	.....	+34 32 51.1	....
38	ξ¹ Ceti	9	7 58.64	− 0.19	+ **7.57**	30 25 49.65	45.765	+ 4.47	+ 32.9	2 8 6.01	.....	+ 8 24 47.4	....
39	o Ceti	9	14 33.29	− 0.25	+ 7.56	42 13 52.40	46.455	+ 4.47	+ 50.9	2 14 40.60	.....	− 3 23 49.0	....
40	ξ Arietis	9	19 44.27	− 0.18	+ 7.56	28 39 50.98	43.962	+ 4.47	+ 30.6	2 19 51.65	− 1.81	+10 11 29.6	− 8.6
41	ξ² Ceti	9	23 7.24	− 0.19	+ **7.51**	30 47 50.75	45.850	+ 4.47	+ 33.4	2 23 14.61	.....	+ 8 2 43.9	....
42	36 H. Cassiopeiæ	9	29 6.88	+ 0.24	+ 7.56	326 27 47.08	44.335	+ 4.47	− 37.0	2 29 14.68	.....	+72 24 32.5	....
43	ν Arietis	9	33 26.46	− 0.13	+ **7.56**	17 17 50.30	44.252	+ 4.47	+ 17.5	2 33 33.89	.....	+21 33 36.5	....
44	π Ceti	9	39 36.06	− 0.32	+ 7.56	53 5 49.72	43.190	+ 4.47	+1 14.5	2 39 43.30	.....	−14 14 55.3	....
45	τ² Eridani	9	46 43.46	− 0.37	+ 7.56	60 11 52.12	47.500	+ 4.47	+1 37.6	2 46 50.65	.....	−21 22 59.3	....
46	η Eridani	9	51 47.20	− 0.28	+ **7.63**	48 5 51.92	46.160	+ 4.47	+1 2.4	2 51 54.48	.....	− 9 15 53.3	....
47	τ³ Eridani	9	58 11.71	− 0.39	+ 7.55	62 47 52.55	47.240	+ 4.47	+1 48.7	2 58 18.87	.....	−23 59 4.9	....
48	48 H. Cephei	9	8 26.54	+ 0.37	+ 7.55	321 27 47.10	47.658	+ 4.47	− 44.4	3 8 34.46	.....	+77 23 23.3	....
49	κ Ceti	9	14 23.06	− 0.22	+ 7.55	35 47 51.12	47.750	+ 4.47	+ 40.4	3 14 30.39	− 1.48	+ 3 1 53.1	− 9.0
50	o Tauri	9	19 42.53	− 0.19	+ **7.59**	30 7 50.28	47.280	+ 4.47	+ 32.5	3 19 49.89	.....	+ 8 42 12.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 2 6	......	....	61.7
2 27	29.80	62.0	60.7
2 40	.	. .	60.2
3 6	29.81	61.3	60.1
4 7	29.82	61.7	60.1
30 17 47	29.82	74.5	74.5
18 18	....	.....	74.3
18 28	....	.....	74.0
18 54	. .	. . .	73.0
19 16	29.82	72.6	73.0
19 42	...	.....	71.9
20 2	. .	.....	71.5
20 32		.	71.0
20 48	29.84	70.9	70.9
1 16	29.80	66.8	65.9
1 46	..		65.7
2 13	29.80	66.4	65.5
2 37	.	.	65.8
3 27	29.805	66.3	65.9

Micrometer bisections are made at II, VI, except as noted below.

10, 13, 17, 25, 35, 43.	Bisections at VI, VII.
11.	Bisections at II, III, IV, V, VI.
15, 21, 23.	Bisections at I, II.
20.	Bisections at II, VII.
22.	Bisections at II, VI, VII.
30.	Bisections at III, VI.
31.	Bisections at III, IV.
42.	Bisections at III, V.

Notes.

1-10.	Haze, fog, and clouds.
10, 13, 31.	Clouds.
12.	Assumed that mean was observed as directed on observing list.
12-19.	Conditions very poor.
13	Revolutions of micrometer reading assumed.
18, 29.	Faint.
44-50	Conditions poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+20 34.4	−15 1.4	...	+ 5 33.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon II, N.	9	58 18.21	− 0.14	+ 7.54	19 23 51.10	44.731	+ 4.51	+ 19.8	4 58 25.61	−65.47	+19 27 22.7	....
	August 31, M.												
2	Sun I, S.	9	34 10.12	− 0.14	+ 7.52	30 11 49.98	47.958	+ 4.60	+ 32.1	10 34 17.50	+64.37	+ 8 37 57.5	....
3	Sun II, N.	8	36 18.86	− 0.14	+ 7.52	29 39 50.20	48.752	+ 4.60	+ 31.4	10 36 26.24	−64.37	+ 9 9 40.1	....
4	ξ Herculis.	5	54 3.10	− 0.12	+ 7.48	9 35 47.80	44.388	+ 4.24	+ 9.5	17 54 10.46	− 1.39	+29 15 44.3	−17.8
5	γ Sagittarii.	9	59 45.05	− 0.46	+ 7.48	69 13 52.02	46.900	+ 4.24	+2 26.1	17 59 52.07	.....	−30 25 33.7	....
6	24 Ursæ Minoris.	7	5 5.87	+ 1.35	+ 7.48	311 51 46.45	46.790	+ 4.24	−1 1.9	18 5 14.70	− 2.61	+87 0 1.7	−20.6
7	η Serpentis.	9	16 24.34	− 0.26	+ **7.47**	41 45 50.20	45.188	+ 4.24	+ 49.8	18 16 31.56	.....	− 2 55 16.6	....
8	109 Herculis.	9	19 38.38	− 0.16	+ **7.48**	17 8	......	....	.....	18 19 45.70	.....	+21 43	....
9	λ Sagittarii.	9	22 8.80	− 0.41	+ 7.48	64 17 53.00	45.095	+ 4.24	+1 55.4	18 22 15.87	.....	−25 28 22.9	....
10	84 G. Sagittarii.	9	32 46.30	− 0.39	+ 7.48	62 25 51.12	42.025	+ 4.24	+1 46.4	18 32 53.39	− 2.03	−23 35 1.7	− 4.4
11	4 H. Scuti.	9	37 5.66	− 0.30	+ **7.49**	47 57 52.95	47.460	+ 4.24	+1 1.8	18 37 12.84	.....	− 9 8 23.2	....
12	ε^1 Lyræ (*mean*).	9	41 9.88	− 0.08	+ 7.48	359 15 49.25	47.595	+ 4.24	− 0.6	18 41 17.28	− 1.67	+39 34 39.6	−19.9
13	30 Sagittarii.	9	45 9.99	− 0.38	+ 7.48	61 5 52.25	45.020	+ 4.24	+1 40.7	18 45 17.09	− 2.07	−22 16 5.4	− 5.3
14	ο Draconis.	9	49 44.21	+ 0.01	+ 7.48	339 35 47.45	42.985	+ 4.24	− 20.7	18 49 51.70	.....	+59 16 47.0	....
15	υ Draconis.	9	55 27.14	+ 0.12	+ 7.48	327 41 47.12	43.805	+ 4.24	− 35.1	18 55 34.74	− 2.31	+71 10 42.9	−21.1
16	λ Aquilæ.	9	1 13.61	− 0.28	+ **7.46**	43 51 51.10	44.815	+ 4.24	+ 53.6	19 1 20.81	.....	− 5 1 12.8	....
17	51 B. Cygni.	9	33 29.56	− 0.06	+ 7.47	355 21 46.82	43.960	+ 4.24	− 4.5	19 33 36.97	− 2.05	+43 30 9.1	−19.8
18	10 Vulpeculæ.	9	39 45.61	− 0.14	+ 7.47	13 17 50.08	45.532	+ 4.24	+ 13.3	19 39 52.94	− 1.99	+25 33 12.1	−17.8
19	δ Sagittæ.	9	43 9.21	− 0.17	+ **7.46**	20 31 49.88	47.035	+ 4.24	+ 21.0	19 43 16.51	.....	+18 18 30.3	....
20	Groombridge 3402	6	53 6.23	+ 3.57	+ 7.47	310 1 46.32	44.475	+ 4.24	−1 6.3	19 53 17.27	−34.88	+88 50 59.2	−17.7
21	3 H. Ursæ Majoris S. P.	9	3 25.66	− 0.22	+ 7.47	287 39 46.95	43.112	+ 4.24	−2 53.3	8 3 32.91	.....	+68 44 42.7	....
22	20 Vulpeculæ.	9	8 1.52	− 0.14	+ 7.47	12 37 49.25	47.942	+ 4.24	+ 12.6	20 8 8.85	− 2.12	+26 12 18.5	−17.6
23	24 Vulpeculæ.	9	12 43.16	− 0.15	+ 7.47	14 27 49.58	45.225	+ 4.24	+ 14.5	20 12 50.48	.....	+24 23 18.4	....
24	β Capricorni.	8	15 42.43	− 0.33	+ **7.49**	53 53 51.25	46.852	+ 4.24	+1 16.9	20 15 49.57	.....	−15 4 22.6	....
25	Moon II.	9	50 19.42	− 0.01	+ 7.42	17 54	......	....	.....	5 50 26.83	−65.87	.. ..	....
	September 5, M.												
26	Sun I, S.	9	52 18.54	− 0.25	+ 6.92	32 1 50.95	46.332	+ 3.90	+ 34.2	10 52 25.21	+64.19	+ 6 48 32.3	....
27	Sun II, N.	9	54 26.91	− 0.25	+ 6.92	31 29 50.00	47.018	+ 3.90	+ 33.5	10 54 33.58	−64.18	+ 7 20 18.5	....
	September 5, Hl.												
28	τ Pegasi.	9	15 57.80	− 0.17	+ **6.85**	15 37 49.60	43.120	+ 3.82	+ 15.7	23 16 4.44	.....	+23 14 5.5	....
29	κ Piscium.	9	22 5.74	− 0.26	+ **6.82**	38 5 51.18	44.700	+ 3.82	+ 43.8	23 22 12.29	.....	+ 0 45 0.0	....
30	14 Piscium.	9	29 17.89	− 0.27	+ 6.81	40 35 49.10	45.720	+ 3.82	+ 47.9	23 29 24.43	− 2.36	− 1 45 25.3	−15.6
31	ι Piscium.	9	35 5.83	− 0.24	+ **6.80**	33 43 51.50	43.532	+ 3.82	+ 37.3	23 35 12.40	.....	+ 5 7 32.9	....
32	i^1 Aquarii.	9	39 18.72	− 0.36	+ **6.78**	57 37 51.82	43.648	+ 3.82	+1 27.9	23 39 25.17	.....	−18 47 20.6	....
33	φ Pegasi.	9	47 41.13	− 0.19	+ **6.84**	20 13 49.45	47.278	+ 3.82	+ 20.6	23 47 47.75	.....	+18 36 25.7	....
34	6 B. Ursæ Minoris S. P.	8	13 34.92	− 1.23	+ 6.81	307 5 46.75	44.613	+ 3.82	−1 13.5	12 13 40.50	.....	+88 12 56.2	....
35	π Andromedæ.	9	31 50.61	− 0.13	+ 6.80	5 37 48.42	47.615	+ 3.82	+ 5.6	0 31 57.28	.....	+33 12 34.3	....
36	β Ceti.	9	38 51.16	− 0.36	+ **6.76**	57 19 52.00	44.252	+ 3.82	+1 27.0	0 38 57.60	.....	−18 29 33.7	....
37	43 H. Cephei.	9	56 5.61	+ 0.45	+ 6.80	313 5 46.58	48.240	+ 3.82	− 59.4	0 56 12.86	.....	+85 45 26.5	....
	September 6, Hl.												
38	Sun I, N.	9	55 55.47	− 0.24	+ 6.78	31 51 51.70	47.525	+ 3.29	+ 34.3	10 56 2.01	+64.17	+ 6 58 4.8	....
39	Sun II, S.	9	58 3.81	− 0.24	+ 6.78	32 23 52.80	46.870	+ 3.29	+ 35.0	10 58 10.35	−64.17	+ 6 26 18.2	....
40	η Serpentis.	9	16 25.01	− 0.27	+ **6.72**	41 45 51.80	45.135	+ 3.22	+ 49.7	18 16 31.51	.....	− 2 55 15.8	....
41	χ Draconis.	9	22 38.80	+ 0.06	+ 6.77	326 9 47.05	46.062	+ 3.24	− 37.1	18 22 45.63	.....	+72 41 54.0	....
42	84 G. Sagittarii.	9	32 46.99	− 0.39	+ 6.77	62 25 52.48	41.985	+ 3.27	+1 46.3	18 32 53.37	− 1.94	−23 35 0.9	− 4.1
43	4 H. Scuti.	9	37 6.24	− 0.30	+ **6.83**	47 57 54.02	47.442	+ 3.29	+1 1.8	18 37 12.71	.....	− 9 8 23.0	....
44	ε^1 Lyræ (*south*).	9	41 10.52	− 0.11	+ 6.77	359 15 50.30	47.570	+ 3.30	− 0.6	18 41 17.18	− 1.53	+39 34 40.1	−20.6
45	24 H. Camelopardalis S. P.	5	46 24.43	− 0.26	+ 6.77	295 59 46.78	42.685	+ 3.32	−1 53.4	6 46 30.94	− 0.29	+77 5 30.6	+18.4
46	ζ Sagittarii.	9	56 37.64	− 0.45	+ 6.76	68 49 53.30	44.945	+ 3.35	+2 23.1	18 56 43.95	.....	−30 0 46.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 4 58	29.84	66.4	65.7
31 10 36	29.88	75.5	75.9
17 54	29.85	71.0	69.0
18 15	......	....	68.7
19 6	29.865	69.8	69.2
19 37	......	....	67.8
20 19	29.88	67.2	65.7
5 10 54	29.83	78.8	78.6
23 10	29.805	67.8	67.1
23 25	......	....	66.9
23 54	29.80	67.4	67.0
0 22	......	....	66.7
0 45	......	....	66.5
1 3	29.79	66.7	66.1
6 10 58	29.80	73.8	73.6
18 1	29.80	69.9	69.1
18 26	......	....	68.8
18 49	......	....	68.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at II, III, IV, V, VI.
2, 13, 26, 38, 42, 45.	Bisections at I, II.
3, 27, 28, 33, 39.	Bisections at VI, VII.
6.	Bisections at b_3, b_6.
14, 15, 17.	Bisections at III, V.
20.	Bisections at b_2, b_4, b_6.
21, 37.	Bisections at III, IV, V.
24.	Bisections at I, II, VII.
34.	Bisections at b_4, b_5, b_6.
43, 46.	Bisections at II, VI, VII.

Notes.

4–24, 28–37.	Conditions poor; clouds at times.
32.	Faint.
42.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+17 59.1	−14 53.6	...	+ 3 5.5
2	+ 4.4	+15 51.3	...	+15 55.7
3	+ 4.3	−15 51.2	...	−15 46.9
26	+ 4.6	+15 53.1	...	+15 57.7
27	+ 4.5	−15 53.0	...	−15 48.5
38	+ 4.6	−15 53.2	...	−15 48.6
39	+ 4.7	+15 53.3	...	+15 58.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Aquilæ	9	1 14.24	− 0.28	+ 6.75	43 51 52.30	44.722	+ 3.36	+ 53.5	19 1 20.72	.....	− 5 1 10.8	....
2	25 H. Camelopardalis s. p.	9	11 25.77	− 0.43	+ 6.76	301 27 47.28	46.188	+ 3.40	−1 30.4	7 11 32.10	.....	+82 35 14.3	....
3	186 G. Sagittarii	9	20 59.98	− 0.45	+ 6.76	68 43 53.00	47.168	+ 3.43	+2 22.6	19 21 6.29	− 2.27	−29 55 36.5	− 4.4
4	θ Cygni	9	33 52.33	− 0.07	+ 6.76	348 51 50.18	42.818	+ 3.48	− 10.9	19 33 59.02	.....	+50 0 38.9	....
5	10 Vulpeculæ	9	39 46.26	− 0.16	+ 6.76	13 17 51.50	45.415	+ 3.49	+ 13.2	19 39 52.86	− 1.91	+25 33 14.2	−18.6
6	δ Sagittæ	9	43 9.87	− 0.19	+ 6.74	20 31 51.35	46.915	+ 3.50	+ 21.0	19 43 16.44	.....	+18 18 32.3	....
7	γ Sagittæ	9	54 32.73	− 0.19	+ 6.73	19 37 51.40	41.485	+ 3.54	+ 19.9	19 54 39.30	.....	+19 14 37.4	....
8	τ Aquilæ	9	59 31.33	− 0.23	+ 6.78	31 49 50.78	44.728	+ 3.56	+ 34.7	19 59 37.86	.....	+ 7 1 9.1	....
9	θ Aquilæ	9	6 26.09	− 0.26	+ 6.71	39 57 52.22	40.925	+ 3.58	+ 46.8	20 6 32.59	.....	− 1 5 37.5	....
	September 6, M.												
10	γ Arietis (*south*)	9	48 20.95	− 0.13	+ 6.80	19 59 50.60	47.345	+ 3.71	+ 20.6	1 48 27.62	− 2.21	+18 50 23.2	− 8.5
11	γ Andromedæ	9	58 7.05	− 0.01	+ 6.80	356 57 49.75	46.748	+ 3.71	− 2.9	1 58 13.84	.....	+41 53 1.5	....
12	α Arietis	9	1 51.19	− 0.10	+ 6.84	15 49 49.98	44.790	+ 3.71	+ 16.0	2 1 57.89	.....	+23 1 27.0	....
13	15 Arietis	9	5 23.57	− 0.12	+ 6.80	19 47 50.35	43.628	+ 3.71	+ 20.3	2 5 30.25	− 2.15	+19 3 48.9	− 7.7
14	μ Fornacis	9	8 44.26	− 0.45	+ 6.80	69 57 53.42	45.867	+ 3.71	+2 33.7	2 8 50.61	.....	−31 9 18.6	....
15	θ Arietis	9	12 52.49	− 0.12	+ 6.80	19 21 51.50	47.415	+ 3.71	+ 19.9	2 12 59.17	− 2.12	+19 28 21.6	− 7.2
16	ξ^2 Ceti	9	23 8.12	− 0.18	+ 6.79	30 47 50.78	45.810	+ 3.71	+ 33.7	2 23 14.74	.....	+ 8 2 45.2	....
17	5 Ursæ Minoris s. p.	8	27 32.32	− 0.44	+ 6.80	294 59 46.80	46.225	+ 3.71	−1 59.8	14 27 38.68	.....	+76 6 46.1	....
18	ν Arietis	9	33 27.38	− 0.11	+ 6.81	17 17 51.28	44.190	+ 3.71	+ 17.6	2 33 34.07	.....	+21 33 37.8	....
19	118 H^1. Cassiopeiæ	9	36 45.77	+ 0.19	+ 6.80	331 25 46.80	46.420	+ 3.71	− 30.6	2 36 52.76	− 4.00	+67 25 39.5	+ 7.6
20	μ Ceti	8	39 50.12	− 0.17	+ 6.73	29 7 49.95	44.168	+ 3.71	+ 31.5	2 39 56.75	.....	+ 9 43 25.8	....
21	τ Persei	9	47 35.46	+ 0.05	+ 6.80	346 27 50.35	47.705	+ 3.71	− 13.5	2 47 42.31	.....	+52 22 49.4	....
22	47 H. Cephei	9	53 40.87	+ 0.51	+ 6.80	319 49 47.85	43.810	+ 3.71	− 47.5	2 53 48.18	.....	+79 2 54.9	....
23	α Ceti	9	57 20.18	− 0.20	+ 6.80	35 7 52.55	43.145	+ 3.71	+ 39.7	2 57 26.78	.....	+ 3 43 38.4	....
24	48 H. Cephei	9	8 28.17	+ 0.43	+ 6.79	321 27 48.10	47.585	+ 3.71	− 44.8	3 8 35.39	.....	+77 23 25.7	....
25	1 H. Ursæ Minoris s. p.	9	13 26.01	− 0.26	+ 6.79	286 35 47.68	47.685	+ 3.71	−3 5.9	15 13 32.54	.....	+67 42 14.8	....
26	α Persei	9	17 36.36	+ 0.04	+ 6.79	349 19 50.00	45.225	+ 3.71	− 10.6	3 17 43.19	.....	+49 31 43.6	....
27	ξ Tauri	9	22 2.74	− 0.17	+ 6.80	29 25 50.38	46.232	+ 3.71	+ 31.9	3 22 9.36	.....	+ 9 24 37.8	....
28	f Tauri	9	25 39.24	− 0.16	+ 6.86	26 13 51.38	44.920	+ 3.71	+ 27.9	3 25 45.87	.....	+12 37 10.8	....
29	ε Eridani	9	28 27.81	− 0.27	+ 6.82	48 35 53.35	46.750	+ 3.71	+1 4.1	3 28 34.33	.....	− 9 46 9.4	....
30	11 H^1. Camelopardalis	9	34 0.69	+ 0.14	+ 6.79	335 55 47.80	48.460	+ 3.71	− 25.1	3 34 7.62	− 3.01	+62 54 46.4	+10.1
31	17 Tauri	9	39 16.11	− 0.10	+ 6.79	15 1 50.82	45.210	+ 3.71	+ 15.2	3 39 22.80	− 1.77	+23 49 17.3	− 1.9
32	τ^7 Eridani	9	43 34.57	− 0.38	+ 6.79	62 59 53.28	43.030	+ 3.71	+1 50.4	3 43 40.98	− 1.29	−24 9 30.4	−16.5
33	ε Persei	9	51 31.79	− 0.02	+ 6.79	359 5 49.92	48.270	+ 3.71	− 0.8	3 51 38.56	.....	+39 44 24.3	....
	September 7, M.												
34	Sun I, S.	9	59 32.06	− 0.19	+ 6.76	32 45 52.22	47.835	+ 3.82	+ 35.5	10 59 38.63	+64.10	+ 6 3 55.5	....
35	Sun II, N.	9	1 40.26	− 0.19	+ 6.76	32 13 52.50	48.500	+ 3.82	+ 34.8	11 1 46.83	−64.10	+ 6 35 40.9	....
36	η Serpentis	9	16 25.03	− 0.30	+ 6.71	41 45 51.98	45.135	+ 3.48	+ 49.5	18 16 31.46	.....	− 2 55 16.2	....
37	2 H. Scuti	9	23 49.19	− 0.37	+ 6.73	53 27 51.35	44.555	+ 3.48	+1 14.8	18 23 55.55	.....	−14 37 27.5	....
38	3 H. Scuti	9	30 4.12	− 0.33	+ 6.73	47 10	......	....	.....	18 30 10.52	.....	− 8 18	....
39	29 H^1. Sagittarii	9	33 16.23	− 0.42	+ 6.73	59 57 53.22	44.185	+ 3.48	+1 35.9	18 33 22.54	− 1.90	−21 7 42.0	− 4.8
40	110 Herculis	9	41 34.67	− 0.19	+ 6.65	18 24	......	....	.....	18 41 41.20	.....	+20 27	....
41	B. D.+52°2279	9	44 33.24	− 0.03	+ 6.72	346 23 50.02	42.695	+ 3.48	− 13.4	18 44 39.93	− 1.52	+52 28 44.3	−22.0
42	σ Sagittarii	9	49 25.77	− 0.46	+ 6.72	65 13 53.30	45.837	+ 3.48	+2 0.1	18 49 32.03	.....	−26 24 44.0	....
43	Mars I, C	5	57 8.63	− 0.47	+ 6.72	66 1 52.55	48.784	+ 3.48	+2 4.5	18 57 14.88	+ 0.69	−27 12 19.7	....
44	Mars II	5	57 9.85	− 0.47	+ 6.72	... .	......	....	.....	18 57 16.10	− 0.53	.. ..	....
45	λ Aquilæ	8	1 14.26	− 0.31	+ 6.75	43 51 51.55	44.775	+ 3.48	+ 53.4	19 1 20.67	.....	− 5 1 11.5	....
46	d Sagittarii	9	12 7.38	− 0.40	+ 6.73	57 57 52.95	42.782	+ 3.48	+1 28.7	19 12 13.70	.....	−19 7 2.4	....
47	143 B. Camelopardalis s. p.	9	21 6.13	− 0.30	+ 6.72	287 33 48.85	44.165	+ 3.48	−2 53.0	7 21 12.55	.....	+68 39 8.2	....
48	θ Cygni	9	33 52.22	− 0.04	+ 6.72	348 51 50.02	42.820	+ 3.48	− 10.9	19 33 58.90	.....	+50 0 39.0	....
49	e Sagittarii	9	37 7.76	− 0.38	+ 6.72	55 9 52.22	46.850	+ 3.48	+1 19.9	19 37 14.10	− 2.12	−16 20 25.9	− 9.0
50	δ Cygni	9	41 59.43	− 0.07	+ 6.72	353 57 49.98	42.930	+ 3.48	− 5.8	19 42 6.08	.....	+44 54 31.4	....
51	ε Draconis	9	48 25.48	+ 0.13	+ 6.72	328 49 47.50	45.098	+ 3.48	− 33.6	19 48 32.33	.....	+70 2 12.2	....
52	ψ Cygni	9	53 9.02	− 0.03	+ 6.72	346 39 49.08	45.118	+ 3.48	− 13.1	19 53 15.71	.....	+52 11 49.6	....
53	15 Vulpeculæ	9	57 11.63	− 0.16	+ 6.72	11 21 50.85	43.372	+ 3.48	+ 11.2	19 57 18.19	− 1.98	+27 30 3.5	−18.9
54	b^2 Cygni	9	5 53.85	− 0.11	+ 6.72	2 17 49.65	43.365	+ 3.48	+ 2.3	20 6 0.46	− 2.07	+36 34 13.8	−19.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 19 6	29.815	68.7	68.4
19 18	....	..	68.0
19 37	....	....	68.0
19 57	....	....	67.4
20 10	29.83	67.8	67.0
1 46	29.79	62.9	61.9
2 16	....	....	61.8
2 52	29.79	62.7	61.2
3 32	....	....	61.1
3 55	29.79	62.2	61.2
7 11 2	29.80	74.3	74.0
18 10	29.75	70.7	69.8
18 37	....	....	68.2
19 15	29.74	68.2	67.9

Micrometer bisections are made at II, VI, except as noted below.

10, 29, 35, 45. Bisections at VI, VII.
11. Bisections at II, III.
14, 32, 42. Bisections at II, VI, VII.
19, 22, 24, 26, 30. 51. Bisections at III, V.
25, 47. Bisections at III, IV, V.
34. Bisections at I, II.
36. Bisection at VI.
43. Z. D. threads C used.
43. Bisections at I, II, VI, VII.

Notes.

14, 16. Clouds.
25. Very poor.
32. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
34	+ 4.7	+15 52.6	...	+15 57.3
35	+ 4.6	−15 52.7	...	−15 48.1
43	+ 13.8	.. ....	0.0	+ 13.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	30 Cygni	9	10 18.22	− 0.06	+ 6.72	352 19 49.45	43.470	+ 3.48	− 7.4	20 10 24.88	− 2.19	+46 32 21.2	−20.5
2	β Capricorni	9	15 43.13	− 0.37	+ **6.77**	53 53 52.40	46.888	+ 3.48	+1 16.4	20 15 49.48	.....	−15 4 23.4	....
	September 8, Hl.												
3	6 B. Ursæ Minoris S. P.	.	.. ..	....	....	307 5 46.70	44.600	+ 3.42	−1 13.1	12 13	.....	+88 12 55.2	....
4	π Andromedæ	.	.. ..	....	....	5 37 50.90	47.512	+ 3.42	+ 5.6	0 31	.....	+33 12 34.5	....
5	β Ceti	.	.. ..	....	....	57 19 52.20	44.300	+ 3.42	+1 26.5	0 38	.....	−18 29 34.1	....
6	43 H. Cephei	.	.. ..	....	....	313 5 47.62	48.147	+ 3.42	− 59.1	0 56	.....	+85 45 27.7	....
7	ζ^1 Piscium	.	.. ..	....	....	31 45 51.78	44.500	+ 3.42	+ 34.4	1 9	.....	+ 7 5 13.7	....
8	υ Piscium	.	.. ..	....	....	12 3 51.70	47.000	+ 3.42	+ 11.9	1 14	.....	+26 46 39.1	....
9	θ Ceti	.	.. ..	....	....	47 29 52.92	45.360	+ 3.42	+1 0.6	1 19	.....	− 8 39 33.2	....
10	π Piscium	.	.. ..	....	....	27 9 51.20	47.648	+ 3.42	+ 28.6	1 32	.....	+11 40 8.2	....
	September 10, M.												
11	Sun I, N	9	10 20.81	− 0.23	+ 6.45	33 21 49.60	47.685	+ 4.39	+ 36.0	11 10 27.03	+64.03	+ 5 28 0.5	....
12	Sun II, S	9	12 28.88	− 0.23	+ 6.45	33 53 49.98	47.052	+ 4.39	+ 36.7	11 12 35.10	−64.04	+ 4 56 14.1	....
	September 10, Ei.-M.												
13	4 H. Scuti	9	37 6.56	− 0.35	+ **6.50**	47 58	......	....	. ....	18 37 12.65	.....	− 9 8	....
14	B. D. −21°5138	8	42 20.01	− 0.42	+ 6.44	59 53 49.52	44.738	+ 3.70	+1 34.2	18 42 26.03	− 1.89	−21 3 49.4	− 5.2
15	θ Serpentis	9	51 31.35	− 0.30	+ **6.42**	34 45 47.80	44.815	+ 3.70	+ 38.0	18 51 37.48	.....	+ 4 5 6.7	....
16	ε Aquilæ	9	55 19.56	− 0.26	+ **6.43**	23 53 47.58	46.445	+ 3.70	+ 24.3	18 55 25.73	.....	+14 56 43.3	....
17	Mars I, C	8	2 3.56	− 0.47	+ 6.43	65 47 51.92	43.492	+ 3.70	+2 1.4	19 2 9.52	+ 0.54	−26 57 50.5	....
18	Mars II	8	2 4.51	− 0.47	+ 6.43	... .	......	....	. ....	19 2 10.47	− 0.41	.. ..	....
19	C. P. D. −27°6662	9	8 6.51	− 0.47	+ 6.43	65 51 50.55	43.630	+ 3.70	+2 1.8	19 8 12.47	− 2.10	−27 1 52.7	− 4.4
20	d Sagittarii	9	12 7.69	− 0.41	+ **6.39**	57 57 49.60	42.990	+ 3.70	+1 27.5	19 12 13.71	.....	−19 7 2.9	....
	September 10, Hl.												
21	ξ Andromedæ	9	16 48.46	− 0.15	+ 6.36	353 49 47.72	43.005	+ 3.56	− 5.9	1 16 54.67	− 2.98	+45 2 32.0	− 4.6
22	ω Andromedæ	9	22 2.04	− 0.15	+ 6.36	353 55 47.20	45.378	+ 3.56	− 5.8	1 22 8.25	− 2.96	+44 55 38.2	− 4.2
23	π Piscium	9	32 6.14	− 0.24	+ **6.36**	27 9 48.95	47.770	+ 3.56	+ 28.4	1 32 12.26	.....	+11 40 7.7	....
24	ν Piscium	9	36 31.48	− 0.26	+ **6.40**	33 49 50.32	44.488	+ 3.56	+ 37.1	1 36 37.58	.....	+ 5 1 12.6	....
25	ζ Ceti	9	46 48.23	− 0.33	+ **6.37**	49 37 52.12	44.878	+ 3.56	+1 5.0	1 46 54.26	.....	−10 47 25.7	....
26	53 Cassiopeiæ	9	56 4.42	− 0.13	+ 6.36	334 55 46.78	44.248	+ 3.56	− 25.8	1 56 10.65	− 4.06	+63 56 24.3	+ 2.7
27	α Arietis	9	1 51.89	− 0.20	+ **6.33**	15 49 49.00	44.778	+ 3.56	+ 15.7	2 1 58.05	.....	+23 1 28.7	....
28	θ Arietis	9	12 53.10	− 0.22	+ 6.35	19 21 49.12	47.508	+ 3.56	+ 19.5	2 12 59.23	− 2.21	+19 28 22.4	− 7.8
29	ξ Arietis	9	19 45.79	− 0.24	+ 6.35	28 39 49.10	44.020	+ 3.56	+ 30.2	2 19 51.90	− 2.08	+10 11 31.5	−10.0
30	ξ^2 Ceti	9	23 8.74	− 0.25	+ **6.33**	30 47 48.65	45.895	+ 3.56	+ 33.0	2 23 14.84	.....	+ 8 2 46.3	....
31	ν Ceti	9	30 55.44	− 0.26	+ **6.34**	33 39 49.85	43.992	+ 3.56	+ 36.8	2 31 1.53	.....	+ 5 11 25.0	....
32	118 H^1. Cassiopeiæ	9	36 46.86	− 0.13	+ 6.35	331 25 46.32	46.380	+ 3.56	− 30.0	2 36 53.08	− 4.21	+67 25 40.2	+ 6.7
	September 11, Hl.												
33	3 H. Scuti	9	30 4.52	− 0.30	+ **6.24**	47 10	......	....	. ....	18 30 10.54	.....	− 8 18	....
34	4 H. Scuti	9	37 6.68	− 0.31	+ **6.32**	47 57 53.85	47.460	+ 3.18	+1 2.4	18 37 12.69	.....	− 9 8 23.5	....
35	ϵ^1 Lyræ (*south*)	9	41 10.80	− 0.14	+ 6.32	359 15 51.08	47.568	+ 3.21	− 0.6	18 41 16.98	− 1.42	+39 34 39.4	−21.1
36	*R* Lyræ	9	52 25.72	− 0.12	+ 6.32	355 1 49.95	45.005	+ 3.28	− 4.8	18 52 31.92	.....	+43 49 43.3	....
37	β Cygni	9	26 53.92	− 0.16	+ **6.26**	11 6	......	....	. ....	19 27 0.08	.....	+27 46	....
38	ψ Cygni	9	53 9.46	− 0.08	+ 6.32	346 39 49.98	45.075	+ 3.67	− 13.3	19 53 15.70	.....	+52 11 49.7	....
39	15 Vulpeculæ	9	57 11.99	− 0.16	+ 6.32	11 21 50.75	43.330	+ 3.71	+ 11.4	19 57 18.15	− 1.93	+27 30 4.2	−19.4
40	ρ Aquilæ	9	9 54.33	− 0.21	+ 6.32	23 55 52.00	45.258	+ 3.79	+ 25.0	20 10 0.44	− 2.00	+14 55 5.2	−17.3
41	β Capricorni	9	25 43.53	− 0.35	+ **6.31**	53 54	......	....	.. ....	20 15 49.49	.....	−15 4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 20 18	29.74	67.6	66.7
8 0 1	29.78	70.1	69.2
0 24	.....	....	69.0
0 42	.....	....	69.0
1 4	29.78	69.5	68.9
1 20	.....	....	68.9
1 42	29.79	69.2	68.9
10 11 12	29.97	80.8	81.2
18 35	29.91	79.1	....
18 45	.....	....	78.8
18 58	.....	....	78.1
19 13	29.90	77.9	77.8
1 6	29.86	72.9	72.3
1 25	.....	....	73.0
1 43	.....	....	73.0
2 6	29.84	73.3	72.7
2 26	.....	....	72.7
2 54	29.84	73.3	72.9
11 18 19	29.87	66.8	65.0
18 29	.....	....	65.0
18 48	.....	....	64.6
18 59	29.88	66.2	65.0
19 32	.....	....	65.0
19 44	29.89	65.7	64.7

Micrometer bisections are made at II, VI, except as noted below.

3. Bisections at IV, V.
6. Bisections at III, IV, V.
11, 25, 31, 34. Bisections at I, II.
12. Bisections at VI, VII.
14, 20. Bisections at II, VII.
17. Bisections at I, II, VI, VII.

Notes.

5. Clouds and haze.
10. Very faint.
21, 25, 32, 33. Clouds.
31. Faint.
33–41. Conditions very poor; clouds.
35. Assumed that south star was observed as directed on observing list.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 4.8	−15 53.1	...	−15 48.3
12	+ 4.9	+15 53.2	...	+15 58.1
17	+ 13.5	.. ....	0.0	+ 13.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	π Capricorni	9	21 56.29	− 0.37	+ 6.30	57 20	......	....	. ....	20 22 2.23	.....	−18 30	....
2	69 Aquilæ	9	24 43.54	− 0.28	+ 6.31	42 1 53.25	45.640	+ 3.88	+ 50.8	20 24 49.57	− 2.13	− 3 11 30.6	−13.8
3	μ Aquarii	9	47 34.58	− 0.32	+ 6.33	48 10	......	....	. ....	20 47 40.57	.....	− 9 19	....
4	32 Vulpeculæ	9	50 31.81	− 0.15	+ 6.34	11 7 50.00	47.430	+ 4.05	+ 11.2	20 50 37.97	.....	+27 42 31.1	....
	September 11, M.												
5	ο Ceti	9	14 34.72	− 0.22	+ 6.35	42 13 52.18	46.365	+ 3.94	+ 51.8	2 14 40.85	.....	− 3 23 47.4	....
6	ξ² Ceti	9	23 8.68	− 0.16	+ 6.32	30 47 51.00	45.765	+ 3.94	+ 34.0	2 23 14.87	.....	+ 8 2 45.5	....
7	36 H. Cassiopeiæ	9	29 9.00	+ 0.21	+ 6.35	326 27 47.78	44.250	+ 3.94	− 37.7	2 29 15.56	.....	+72 24 34.9	....
8	ν Arietis	9	33 27.91	− 0.11	+ 6.40	17 17 51.40	44.132	+ 3.94	+ 17.8	2 33 34.15	.....	+21 33 38.6	....
9	π Ceti	9	39 37.56	− 0.28	+ 6.35	53 5 50.62	43.058	+ 3.94	+1 15.9	2 39 43.63	.....	−14 14 54.1	....
10	τ² Eridani	9	46 45.02	− 0.33	+ 6.35	60 11 53.52	47.360	+ 3.94	+1 39.4	2 46 51.04	.....	−21 22 58.8	....
11	η Eridani	9	51 48.73	− 0.25	+ 6.37	48 5 52.72	46.048	+ 3.94	+1 3.6	2 51 54.83	.....	− 9 15 52.2	....
12	λ Ceti	9	54 39.51	− 0.16	+ 6.35	30 17 51.80	46.790	+ 3.94	+ 33.4	2 54 45.70	− 1.94	+ 8 32 21.7	− 9.2
13	τ³ Eridani	9	58 13.17	− 0.35	+ 6.35	62 47 52.98	47.113	+ 3.94	+1 50.8	2 58 19.17	.....	−23 59 4.0	....
14	12 Eridani	9	8 2.93	− 0.40	+ 6.35	68 9 52.98	45.420	+ 3.94	+2 21.8	3 8 8.88	.....	−29 20 56.3	....
15	1 H¹. Camelopardalis	9	11 44.94	+ 0.12	+ 6.35	333 33 48.40	43.735	+ 3.94	− 28.3	3 11 51.41	− 3.70	+65 18 36.7	+ 8.5
16	τ¹ Arietis	9	15 47.07	− 0.11	+ 6.39	18 1 50.92	46.422	+ 3.94	+ 18.7	3 15 53.31	.....	+20 48 45.8	....
17	2 H. Camelopardalis	9	21 28.48	+ 0.07	+ 6.35	339 13 48.75	48.018	+ 3.94	− 21.5	3 21 34.90	.....	+59 36 51.7	....
18	ε Eridani	9	28 28.44	− 0.25	+ 6.30	48 35 53.70	46.733	+ 3.94	+1 4.8	3 28 34.54	.....	− 9 46 10.0	....
19	10 Tauri	9	32 3.09	− 0.20	+ 6.35	38 43 52.72	45.755	+ 3.94	+ 45.9	3 32 9.24	.....	+ 0 6 32.1	....
20	13 H¹. Camelopardalis	9	37 9.35	+ 0.13	+ 6.35	331 57 48.05	44.315	+ 3.94	− 30.3	3 37 15.83	− 3.61	+66 54 25.5	+10.6
21	η Tauri	9	41 52.88	− 0.10	+ 6.39	15 1 50.98	45.705	+ 3.94	+ 15.4	3 41 59.13	.....	+23 49 5.2	....
22	ε Persei	8	51 32.41	− 0.03	+ 6.35	359 5 49.65	48.235	+ 3.94	− 0.8	3 51 38.73	.....	+39 44 25.0	....
23	ν Tauri	9	58 7.89	− 0.17	+ 6.40	33 5 51.18	47.590	+ 3.94	+ 37.3	3 58 14.07	.....	+ 5 44 0.3	....
24	174 G. Eridani	9	1 42.77	− 0.39	+ 6.35	66 43 52.50	43.665	+ 3.94	+2 12.4	4 1 48.73	− 1.30	−27 54 6.3	−16.9
25	A Eridani	9	9 53.47	− 0.26	+ 6.35	49 19 54.20	43.698	+ 3.94	+1 6.6	4 9 59.56	− 1.39	−10 29 3.0	−12.3
26	54 Persei	9	14 17.70	− 0.05	+ 6.34	4 29 50.30	47.792	+ 3.94	+ 4.6	4 14 23.99	− 1.88	+34 20 29.2	+ 2.7
27	68 Tauri	9	20 1.81	− 0.12	+ 6.34	21 8 51.32	45.742	+ 3.94	+ 22.2	4 20 8.03	− 1.61	+17 41 57.5	− 2.8
	September 12, M.												
28	Sun I, S.	9	17 32.37	− 0.18	+ 6.32	34 39 54.00	45.750	+ 3.31	+ 38.4	11 17 38.51	+64.08	+ 4 10 38.9	....
29	Sun II, N.	9	19 40.53	− 0.18	+ 6.32	34 7 55.52	46.232	+ 3.31	+ 37.6	11 19 46.67	−64.08	+ 4 42 27.5	....
30	Moon I.	9	12 34.95	− 0.36	+ 6.30	52 56	......	....	. ....	15 12 40.89	+67.59	.. ..	....
	September 12, M.-P.												
31	84 G. Sagittarii	9	32 47.35	− 0.42	+ 6.29	62 25 52.78	41.988	+ 3.40	+1 46.5	18 32 53.22	− 1.84	−23 35 2.0	− 3.9
32	4 H. Scuti	9	37 6.59	− 0.32	+ 6.41	47 57 54.35	47.468	+ 3.40	+1 1.9	18 37 12.56	.....	− 9 8 24.1	....
33	ε² Lyræ (*pr.*)	9	41 13.01	− 0.13	+ 6.29	359 19 49.12	46.170	+ 3.40	− 0.6	18 41 19.17	− 1.40	+39 31 13.3	−21.2
34	43 Camelopardalis S. P.	7	43 35.66	− 0.16	+ 6.29	287 53 48.30	45.168	+ 3.40	−2 50.1	6 43 41.79	− 1.00	+68 59 33.4	+17.3
35	24 H. Camelopardalis S. P.	9	46 25.59	− 0.24	+ 6.29	295 59 47.48	42.585	+ 3.40	−1 53.6	6 46 31.64	− 0.91	+77 5 30.0	+19.1
36	σ Sagittarii	9	49 26.22	− 0.44	+ 6.29	65 14	......	....	. ....	18 49 32.07	.....	−26 24	....
37	ξ Sagittarii	9	52 6.98	− 0.40	+ 6.29	60 3 54.42	44.100	+ 3.40	+1 36.8	18 52 12.87	− 1.91	−21 13 42.2	− 5.5
38	υ Draconis	9	55 27.73	+ 0.01	+ 6.29	327 41 48.68	43.670	+ 3.40	− 35.2	18 55 34.03	− 1.55	+71 10 45.3	−23.0
39	τ Sagittarii	9	1 4.31	− 0.45	+ 6.29	66 37 53.58	44.552	+ 3.40	+2 8.7	19 1 10.15	− 2.04	−27 48 23.3	− 3.6
40	Mars I, C.	7	5 30.89	− 0.44	+ 6.29	65 35 53.30	47.919	+ 3.40	+2 2.8	19 5 36.74	+ 0.65	−26 47 34.1	....
41	Mars II.	7	5 32.03	− 0.44	+ 6.29	... .	......	....	. ....	19 5 37.88	− 0.49	.. ..	....
42	25 H. Camelopardalis S. P.	8	11 26.94	− 0.39	+ 6.29	301 27 46.92	46.095	+ 3.40	−1 30.7	7 11 32.84	.....	+82 35 12.4	....
43	21 B. Vulpeculæ	9	21 30.45	− 0.18	+ 6.29	14 5 50.78	46.138	+ 3.40	+ 14.1	19 21 36.56	− 1.71	+24 44 57.8	−19.0
44	4 Cygni	9	22 43.76	− 0.14	+ 6.29	2 43 50.55	43.460	+ 3.40	+ 2.7	19 22 49.91	− 1.70	+36 8 10.4	−20.9
45	β Cygni	9	26 53.96	− 0.17	+ 6.21	11 5 50.02	43.170	+ 3.40	+ 11.0	19 27 0.08	.....	+27 46 9.4	....
46	8 Cygni	9	28 14.59	− 0.15	+ 6.29	4 35 50.58	44.875	+ 3.40	+ 4.6	19 28 20.73	− 1.74	+34 15 36.1	−20.7
47	σ Aquilæ	9	34 32.14	− 0.26	+ 6.29	33 39 51.78	44.118	+ 3.40	+ 37.3	19 34 38.17	− 1.86	+ 5 11 19.6	−14.8
48	β Sagittæ	9	36 48.08	− 0.21	+ 6.27	21 35 49.90	43.398	+ 3.40	+ 22.2	19 36 54.16	.....	+17 15 53.0	....
49	δ Sagittæ	9	43 10.23	− 0.21	+ 6.32	20 31 49.72	46.992	+ 3.40	+ 21.0	19 43 16.31	.....	+18 18 32.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 20 3	.....	....	64.0
20 19	.....	....	64.0
20 39	.....	....	64.0
20 58	29.91	65.1	64.0
2 5	29.90	60.0	58.5
2 44	.....	....	57.9
3 3	29.90	59.2	57.7
3 45	29.90	58.5	57.0
4 26	29.91	57.8	56.5
12 11 20	29.90	73.9	74.0
18 30	30.01	71.1	70.9
18 57	.....	....	70.4
19 15	30.02	70.4	70.0
19 33	.....	....	69.6

Micrometer bisections are made at II, VI, except as noted below.

5.	Bisection at VII.
7, 15, 17, 34, 38.	Bisections at III, V.
12.	Bisection at VI.
13.	Bisections at II, VI, VII.
18.	Bisections at I, II, VI.
21, 29, 31, 37.	Bisections at VI, VII.
22.	Bisections at V, VI.
28, 33, 43, 45.	Bisections at I, II.
35, 42.	Bisections at III, IV, V.
39.	Bisections at I, II, VII.
40.	Bisections at I, II, VI, VII.

Notes.

1–4, 33–51.	Conditions very poor; clouds.
10, 13, 14, 24, 34, 35, 39.	Unsteady.
13.	Clouds.
18.	Poor.
31.	Circle reading decreased 32′.
[illegible]	Assumed that preceding was observed.
36, 37.	Very faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
28	+ 5.0	+15 54.3	...	+15 59.3
29	+ 4.9	−15 54.2	...	−15 49.3
40	+ 13.2	.. ....	0.0	+ 13.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*g* Sagittarii	9	52 36.82	− 0.36	+ 6.29	54 33 53.62	46.250	+ 3.40	+1 18.7	19 52 42.75	− 2.10	−15 44 12.3	− 9.6
2	γ Sagittæ	9	54 33.16	− 0.21	**+ 6.24**	19 35 50.28	46.775	+ 3.40	+ 20.0	19 54 39.24	.....	+19 14 37.7	....
3	*c* Sagittarii	8	56 52.97	− 0.45	+ 6.29	66 47 53.22	43.610	+ 3.40	+2 10.1	19 56 58.81	.....	−27 58 2.9	....
4	b^2 Cygni	9	5 54.27	− 0.14	+ 6.29	2 17 49.80	43.343	+ 3.40	+ 2.3	20 6 0.42	− 1.99	+36 34 14.2	−20.8
5	66 Aquilæ	9	8 21.86	− 0.28	+ 6.29	40 7 52.00	44.788	+ 3.40	+ 47.3	20 8 27.87	− 2.04	− 1 17 5.9	−13.9
6	176 B. Cygni	9	16 48.76	− 0.13	+ 6.29	359 45 48.02	41.792	+ 3.40	− 0.2	20 16 54.92	− 2.07	+39 6 53.7	−20.8
7	π Capricorni	9	21 56.36	− 0.38	**+ 6.23**	57 19 52.58	47.720	+ 3.40	+1 27.4	20 22 2.27	.....	−18 30 53.7	....
8	40 Cygni	9	24 3.43	− 0.13	+ 6.29	0 43 49.30	43.100	+ 3.40	+ 0.8	20 24 9.59	− 2.11	+38 8 21.9	−20.6
9	42 Cygni	9	25 43.51	− 0.14	+ 6.29	2 43 49.45	41.482	+ 3.40	+ 2.7	20 25 49.66	− 2.11	+36 8 56.7	−20.4
10	181 B. Camelopardalis S. P.	9	29 15.77	− 0.20	+ 6.29	292 51 48.05	42.160	+ 3.40	−2 11.8	8 29 21.86	+ 1.26	+73 57 2.7	+16.3
11	β Delphini	9	33 7.39	− 0.22	+ 6.29	24 33 51.70	46.745	+ 3.40	+ 25.7	20 33 13.46	.....	+14 16 31.4	....
12	α Delphini	9	35 15.19	− 0.22	**+ 6.28**	23 15 51.55	44.805	+ 3.40	+ 24.2	20 35 21.26	.....	+15 35 17.1	....
13	γ Delphini (*fol.*)	9	42 16.67	− 0.22	+ 6.28	23 3 51.42	44.025	+ 3.40	+ 24.0	20 42 22.73	− 2.12	+15 47 35.4	−17.7
14	32 Vulpeculæ	9	50 31.88	− 0.17	**+ 6.27**	11 7 49.98	47.485	+ 3.40	+ 11.1	20 50 37.99	.....	+27 42 30.5	....
	September 12, Hl.												
15	α Ursæ Minoris	8	26 33.58	+ 1.89	+ 6.20	310 4	......	....	.....	1 26 41.67	.....	+88 48	....
16	ν Ceti	9	30 55.54	− 0.20	**+ 6.23**	33 40	......	....	.....	2 31 1.53	.....	+ 5 11	....
17	41 Arietis	9	44 26.63	− 0.12	**+ 6.17**	11 58	......	....	.....	2 44 32.70	.....	+26 52	....
18	57 B. Ursæ Minoris S. P.	6	6 26.33	− 0.91	+ 6.19	306 28	......	....	.....	15 6 31.61	.....	+87 35	....
19	10 Tauri	9	32 3.35	− 0.22	+ 6.19	38 43 54.00	45.702	+ 3.45	+ 45.6	3 32 9.32	.....	+ 0 6 32.9	....
20	δ Eridani	9	38 43.25	− 0.27	**+ 6.20**	48 55 54.25	42.245	+ 3.45	+1 5.1	3 38 49.17	.....	−10 4 28.0	....
21	γ Eridani	9	53 37.03	− 0.29	**+ 6.18**	52 35 51.05	46.380	+ 3.45	+1 14.4	3 53 42.93	.....	−13 46 8.5	....
22	ν Tauri	9	58 8.11	− 0.20	**+ 6.24**	33 5 52.58	47.535	+ 3.45	+ 37.1	3 58 14.10	.....	+ 5 44 0.9	....
23	*p* Tauri	9	5 5.72	− 0.12	+ 6.19	12 35 51.48	47.802	+ 3.45	+ 12.8	4 5 11.79	− 1.84	+26 14 20.1	− 0.5
24	μ Tauri	9	10 24.61	− 0.19	+ 6.19	30 11 51.30	43.360	+ 3.45	+ 33.1	4 10 30.61	− 1.59	+ 8 39 41.3	− 6.3
25	212 G. Eridani	9	16 31.08	− 0.34	+ 6.19	59 41 53.40	43.420	+ 3.45	+1 37.2	4 16 36.93	− 1.30	−20 51 25.9	−14.9
	September 13, Hl.												
26	Sun I, S.	9	21 8.13	− 0.18	+ 6.15	35 1 53.62	48.085	+ 3.41	+ 39.2	11 21 14.10	+64.02	+ 3 47 45.1	....
27	Sun II, N.	9	23 16.17	− 0.18	+ 6.15	34 29 55.18	48.510	+ 3.41	+ 38.4	11 23 22.14	−64.02	+ 4 19 34.9	....
28	Mercury I, C.	9	45 16.59	− 0.19	+ 6.14	35 53 53.82	47.954	+ 3.41	+ 40.4	11 45 22.54	+ 0.16	+ 2 55 46.8	....
29	Moon I, N.	9	9 10.58	− 0.40	+ 6.13	56 35 54.02	46.402	+ 2.91	+1 24.0	16 9 16.31	+69.57	−17 46 20.9	....
	September 13, Hl.-M.												
30	α Lyræ	9	33 42.71	− 0.08	+ 6.10	0 9 47.50	43.822	+ 3.20	+ 0.2	18 33 48.73	.....	+38 42 7.8	....
31	4 H. Scuti	9	37 6.83	− 0.31	**+ 6.14**	47 57 53.78	47.442	+ 3.20	+1 2.3	18 37 12.62	.....	− 9 8 23.1	....
32	111 Herculis	9	42 50.44	− 0.18	+ 6.10	20 45 49.22	46.008	+ 3.20	+ 21.4	18 42 56.36	− 1.50	+18 4 55.1	−17.1
33	β Lyræ	9	46 34.30	− 0.11	+ 6.10	5 35 49.30	44.980	+ 3.20	+ 5.6	18 46 40.29	.....	+33 15 34.2	....
34	σ Sagittarii	9	49 26.30	− 0.44	+ 6.10	65 13 53.90	45.798	+ 3.20	+2 1.6	18 49 31.96	.....	−26 24 44.7	....
35	*R* Lyræ	9	52 25.82	− 0.06	+ 6.10	355 1 47.50	45.092	+ 3.20	− 4.8	18 52 31.86	.....	+43 49 43.8	....
36	ζ Sagittarii	9	56 38.13	− 0.48	+ 6.10	68 49 52.78	44.955	+ 3.20	+2 24.7	18 56 43.75	.....	−30 0 47.6	....
37	ζ Aquilæ	9	1 3.88	− 0.20	**+ 6.11**	25 7 50.55	43.592	+ 3.20	+ 26.5	19 1 9.78	.....	+13 43 43.8	....
38	Mars I C	5	7 18.03	− 0.44	+ 6.10	65 29 52.05	53.966	+ 3.20	+2 3.4	19 7 23.69	+ 0.53	−26 42 16.2	....
39	Mars II	5	7 18.96	− 0.44	+ 6.10	... .	......	....	.....	19 7 24.62	− 0.40	.. ..	....
40	δ Draconis	9	12 27.89	+ 0.08	+ 6.10	331 21 48.15	44.890	+ 3.20	− 30.7	19 12 34.07	.....	+67 30 13.4	....
41	21 B. Vulpeculæ	9	21 30.60	− 0.15	+ 6.10	14 5 50.02	46.132	+ 3.20	+ 14.2	19 21 36.55	− 1.70	+24 44 58.7	−19.2
42	4 Cygni	9	22 43.87	− 0.10	+ 6.10	2 43 49.00	43.510	+ 3.20	+ 2.7	19 22 49.87	− 1.68	+36 8 11.1	−21.1
43	6 Vulpeculæ	9	24 45.95	− 0.16	+ 6.10	14 21 50.12	46.398	+ 3.20	+ 14.5	19 24 51.89	.....	+24 28 52.1	....
44	8 Cygni	9	28 14.71	− 0.11	+ 6.10	4 35 50.10	44.860	+ 3.20	+ 4.6	19 28 20.70	− 1.72	+34 15 37.3	−20.8
45	*h* Sagittarii	9	30 59.42	− 0.42	+ 6.10	63 53 52.02	47.600	+ 3.20	+1 54.9	19 31 5.10	.....	−25 5 17.5	....
46	σ Aquilæ	9	34 32.27	− 0.24	+ 6.10	33 39 50.58	44.118	+ 3.20	+ 37.6	19 34 38.13	− 1.85	+ 5 11 20.9	−14.8
47	β Sagittæ	9	36 48.31	− 0.19	**+ 6.00**	21 35 49.02	43.418	+ 3.20	+ 22.4	19 36 54.22	.....	+17 15 53.4	....
48	15 Cygni	9	40 51.18	− 0.10	+ 6.10	1 43 48.98	43.820	+ 3.20	+ 1.8	19 40 57.18	− 1.81	+37 8 4.8	−21.2
49	δ Sagittæ	9	43 10.39	− 0.18	**+ 6.11**	20 31 50.38	46.928	+ 3.20	+ 21.2	19 43 16.31	.....	+18 18 33.1	....
50	*g* Sagittarii	9	52 37.02	− 0.35	+ 6.10	54 33 51.82	46.265	+ 3.20	+1 19.3	19 52 42.77	− 2.09	−15 44 11.0	− 9.6
51	γ Sagittæ	9	54 33.23	− 0.18	**+ 6.13**	19 35 50.32	46.758	+ 3.20	+ 20.2	19 54 39.15	.....	+19 14 38.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 19 58	.....	....	69.2
20 19	.....	69.7	68.8
20 38	.....	....	68.1
20 53	30.05	68.8	68.0
3 18	30.07	64.1	63.1
3 35	.....	....	63.0
4 1	.....	....	62.1
4 22	30.08	63.1	61.9
13 11 23	30.17	74.6	73.2
11 47	30.16	74.8	74.0
16 9	30.13	75.8	75.8
18 30	30.12	70.7	70.1
18 54	.....	....	68.0
19 14	30.13	68.7	67.2
19 38	.....	....	67.1

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at I, II, VI.
6, 14.	Bisections at II, VI, VII.
7, 8, 11, 26, 34, 41, 42, 44, 46, 50, 51.	Bisections at I, II.
10.	Bisections at III, IV, V.
12, 21, 25.	Bisections at II, VII.
20, 24, 27.	Bisections at VI, VII.
28, 38.	Bisections at I, II, VI, VII.
29.	Bisections at II, III, IV, V, VI.
38.	Z. D. threads C used.

Notes.

1–14.	Conditions poor; clouds.
11, 12.	Very poor.
15–25.	Clouds.
17, 22.	Faint.
21.	Wind.
30–51.	Conditions poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
26	+ 5.0	+15 54.9	...	+15 59.9
27	+ 4.9	−15 54.8	...	−15 49.9
28	+ 3.7	.. ....	0.0	+ 3.7
29	+48 42.8	−15 58.0	...	+32 44.8
38	+ 13.1	.. ....	0.0	+ 13.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	c Sagittarii	9	56 53.12	− 0.45	+ 6.10	66 47 52.05	43.640	+ 3.20	+2 11.2	19 56 58.77	.....	−27 58 3.3	....
2	b^2 Cygni	9	5 54.39	− 0.11	+ 6.10	2 17 48.98	43.340	+ 3.20	+ 2.3	20 6 0.38	− 1.97	+36 34 15.3	−21.0
3	66 Aquilæ	9	8 21.99	− 0.27	+ 6.10	40 7 51.15	44.752	+ 3.20	+ 47.6	20 8 27.82	− 2.03	− 1 17 4.3	−14.0
4	4 Capricorni	9	12 30.23	− 0.40	+ 6.10	60 55 52.65	44.070	+ 3.20	+1 41.4	20 12 35.93	− 2.24	−22 5 44.0	− 8.7
5	β Capricorni	9	15 43.72	− 0.34	+ **6.09**	53 53 50.90	46.880	+ 3.20	+1 17.5	20 15 49.48	.....	−15 4 22.6	....
6	π Capricorni	9	21 56.53	− 0.37	+ **6.04**	57 19 51.65	47.718	+ 3.20	+1 28.1	20 22 2.26	.....	−18 30 53.0	....
7	69 Aquilæ	9	24 43.74	− 0.28	+ 6.10	42 1 52.30	45.715	+ 3.20	+ 51.0	20 24 49.56	− 2.11	− 3 11 30.7	−13.9
8	θ Cephei	9	27 58.01	0.00	+ 6.10	336 11 47.60	42.038	+ 3.20	− 24.8	20 28 4.11	.....	+62 41 13.4	....
9	ζ Delphini	9	30 53.81	− 0.20	+ 6.10	24 29 51.45	44.290	+ 3.20	+ 25.8	20 30 59.71	− 2.07	+14 21 27.7	−17.6
10	κ Delphini	9	34 32.94	− 0.22	+ 6.10	29 5 50.32	43.300	+ 3.20	+ 31.5	20 34 38.82	− 2.09	+ 9 45 45.8	−16.8
11	ψ Capricorni	9	40 32.14	− 0.42	+ 6.09	64 25 52.30	44.620	+ 3.20	+1 57.7	20 40 37.81	.....	−25 36 12.2	....
12	ε Aquarii	9	42 35.01	− 0.31	+ **6.11**	48 39 52.30	46.450	+ 3.20	+1 4.3	20 42 40.79	.....	− 9 50 0.7	....
13	B. D.+51°2957	7	45 50.71	− 0.06	+ 6.09	347 17 50.22	44.030	+ 3.20	− 12.7	20 45 56.74	− 2.44	+51 34 13.3	−21.0
14	B. D.+49°3386	9	46 38.25	− 0.06	+ 6.09	349 5 50.08	41.550	+ 3.20	− 10.8	20 46 44.28	− 2.40	+49 47 7.8	−21.0
15	19 Capricorni	9	49 29.22	− 0.36	+ 6.09	57 5 51.18	46.488	+ 3.20	+1 27.3	20 49 34.95	− 2.31	−18 16 23.7	−11.1
16	ρ Ursæ Majoris S. P.	9	54 3.42	− 0.18	+ 6.09	286 53 48.10	45.150	+ 3.20	−3 2.9	8 54 9.33	+ 0.95	+67 59 19.5	+14.3
	September 13, P.												
17	4 Ursæ Minoris S. P.	9	9 0.79	− 0.26	+ 6.08	296 51 47.15	47.060	+ 3.24	−1 51.6	14 9 6.61	.....	+77 59 13.8	....
18	o Ceti	9	14 35.09	− 0.23	+ 6.07	42 13 53.38	46.345	+ 3.24	+ 51.8	2 14 40.93	.....	− 3 23 47.2	....
19	ξ^2 Ceti	9	23 8.99	− 0.18	+ **6.08**	30 47 51.50	45.713	+ 3.24	+ 34.0	2 23 14.88	.....	+ 8 2 46.8	....
20	ν Ceti	9	30 55.71	− 0.19	+ **6.07**	33 39 52.95	43.762	+ 3.24	+ 38.0	2 31 1.59	.....	+ 5 11 26.0	....
21	δ Ceti	9	34 38.98	− 0.21	+ **6.13**	38 53 52.42	47.612	+ 3.24	+ 46.0	2 34 44.84	.....	− 0 4 9.4	....
22	π Ceti	9	39 37.89	− 0.29	+ 6.07	53 5 48.40	43.175	+ 3.24	+1 15.9	2 39 43.67	.....	−14 14 53.8	....
23	β Fornacis	9	45 8.17	− 0.45	+ 6.07	71 35 50.42	45.750	+ 3.24	+2 50.1	2 45 13.79	.....	−32 47 28.9	....
24	47 H. Cephei	9	53 42.35	+ 0.26	+ 6.07	319 49 43.88	43.965	+ 3.24	− 48.0	2 53 48.68	.....	+79 2 56.3	....
25	γ Persei	9	58 0.27	+ 0.01	+ 6.07	345 43 46.75	43.610	+ 3.24	− 14.4	2 58 6.35	.....	+53 8 28.1	....
26	δ Arietis	9	6 14.67	− 0.13	+ **6.09**	19 27 48.55	46.955	+ 3.24	+ 20.2	3 6 20.61	.....	+19 22 35.2	....
27	ζ Eridani	9	11 14.86	− 0.26	+ 6.07	47 59 50.12	45.745	+ 3.24	+1 3.3	3 11 20.67	− 1.76	− 9 9 41.7	−13.6
28	α Persei	9	17 37.43	− 0.01	+ 6.07	349 19 46.45	45.378	+ 3.24	− 10.7	3 17 43.49	.....	+49 31 44.3	....
29	σ Persei	9	23 57.34	− 0.02	+ 6.07	351 11 47.08	43.575	+ 3.24	− 8.8	3 24 3.39	− 2.62	+47 40 22.9	+ 4.1
30	149 H^1. Cephei	9	36 26.78	+ 0.85	+ 6.07	312 31 45.88	44.149	+ 3.24	−1 1.9	3 36 33.70	−17.71	+86 21 3.8	+14.2
31	27 Tauri	7	43 33.79	− 0.11	+ 6.07	15 3 49.08	48.145	+ 3.24	+ 15.4	3 43 39.75	− 1.95	+23 46 12.1	− 2.4
32	ζ Persei	9	48 13.05	− 0.08	+ 6.07	7 13 47.62	47.935	+ 3.24	+ 7.3	3 48 19.04	.....	+31 36 26.6	....
33	ξ Persei	9	52 51.78	− 0.06	+ 6.07	3 19 47.20	45.600	+ 3.24	+ 3.4	3 52 57.79	.....	+35 31 24.3	....
34	174 G. Eridani	9	1 43.16	− 0.40	+ 6.07	66 43 50.25	43.732	+ 3.24	+2 12.3	4 1 48.83	− 1.36	−27 54 4.8	−16.8
35	o^1 Eridani	9	7 15.19	− 0.25	+ **6.09**	45 55 49.70	43.095	+ 3.24	+ 59.1	4 7 21.01	.....	− 7 4 36.5	....
36	19 Ursæ Minoris S. P.	9	13 19.68	− 0.22	+ 6.07	294 59 44.12	47.113	+ 3.24	−2 1.6	16 13 25.53	.....	+76 7 2.0	....
37	η Ursæ Minoris S. P.	8	20 4.63	− 0.22	+ 6.07	294 51 44.30	45.800	+ 3.24	−2 2.4	16 20 10.48	.....	+75 58 31.3	....
38	80 Tauri	9	24 46.03	− 0.15	+ 6.06	23 23 48.68	47.915	+ 3.24	+ 24.8	4 24 51.94	− 1.62	+15 26 8.6	− 3.5
39	α Tauri	9	30 30.68	− 0.14	+ **6.07**	22 31 48.60	44.688	+ 3.24	+ 23.8	4 30 36.60	.....	+16 19 23.4	....
40	53 Eridani	9	33 50.77	− 0.29	+ **6.02**	53 19 49.28	43.172	+ 3.24	+1 16.8	4 33 56.54	.....	−14 28 55.5	....
	September 14, P.												
41	Sun I	8	24 43.68	− 0.18	+ 6.06	35 10	......	....	. ....	11 24 49.56	+64.06	.. ..	....
42	Sun II	9	26 51.81	− 0.18	+ 6.06	... .	......	....	. ....	11 26 57.69	−64.07	.. ..	....
43	Mercury C, C.	9	51 40.87	− 0.21	+ 6.05	36 41 48.08	46.634	+ 3.66	+ 41.4	11 51 46.71	0.00	+ 2 8 21.5	....
44	Moon I, N.	9	8 54.17	− 0.43	+ 6.05	59 33 48.55	44.100	+ 2.30	+1 34.7	17 8 59.79	+71.46	−20 43 33.0	....
	September 14, P.-M.												
45	α Lyræ	9	33 42.78	− 0.17	+ 6.04	0 9 46.48	43.908	+ 2.11	+ 0.2	18 33 48.65	.....	+38 42 8.0	....
46	4 H. Scuti	9	37 6.92	− 0.37	+ **6.10**	47 57 50.08	47.642	+ 2.13	+1 2.3	18 37 12.59	.....	− 9 8 22.9	....
47	111 Herculis	9	42 50.50	− 0.25	+ 6.04	20 45 43.82	46.260	+ 2.16	+ 21.3	18 42 56.29	− 1.48	+18 4 55.8	−17.2
48	σ Sagittarii	9	49 26.35	− 0.49	+ 6.04	65 13 50.25	45.970	+ 2.19	+2 1.3	18 49 31.90	.....	−26 24 43.6	....
49	R Lyræ	9	52 25.74	− 0.15	+ 6.04	355 1 44.50	45.228	+ 2.21	− 4.8	18 52 31.63	.....	+43 49 44.7	....
50	ζ Sagittarii	9	56 38.29	− 0.52	+ 6.04	68 49 49.70	45.115	+ 2.23	+2 24.3	18 56 43.81	.....	−30 0 46.8	....
51	ζ Aquilæ	9	1 3.97	− 0.26	+ **6.06**	25 7 45.72	43.818	+ 2.26	+ 26.4	19 1 9.75	.....	+13 43 44.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.		No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°				′ ″	′ ″	″	′ ″
13 19 58	30.14	67.7	66.8	7, 8, 11, 12, 13, 48.	Bisections at I, II.	43	+ 3.8	.. ....	0.0	+ 3.8
20 36	......	....	66.6	14, 31.	Bisections at VI, VII.	44	+50 41.9	−16 5.3	...	+34 36.6
20 56	30.145	67.1	66.6	17.	Bisections at III, IV.					
2 8	30.11	62.5	61.9	19.	Bisections at II, VI, VII.					
2 29	......	....	62.0	24, 28, 29.	Bisections at III, V.					
2 50	......	....	61.7	25.	Bisections at IV, V.					
3 10	......	....	62.0	30.	Bisections at b_1, b_3, b_5, b_7, b_9.					
3 30	30.12	62.0	61.9	36, 37.	Bisections at III, IV, V.					
3 50	......	....	61.3	43.	Bisections at I, II, VI, VII.					
4 10	......	....	60.1	44.	Bisections at II, III, IV, V, VI.					
4 35	30.14	60.9	59.8							
14 11 52	30.22	77.0	77.5							
17 9	30.18	75.0	74.1							
18 31	30.19	72.2	71.0							
18 58	......	....	70.1	Notes.						
				1-16.	Conditions poor.					

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mars I, C	7	9 6.99	− 0.48	+ 6.04	65 25 49.25	50.305	+ 2.30	+2 2.6	19 9 12.55	+ 0.69	−26 36 48.1	....
2	Mars II	7	9 8.20	− 0.48	+ 6.04	... .	......	....	. ....	19 9 13.76	− 0.52	.. ..	....
3	δ Draconis	8	12 27.83	− 0.05	+ 6.04	331 21 44.20	45.055	+ 2.32	− 30.6	19 12 33.82	.....	+67 30 14.7	....
4	21 B. Vulpeculæ	9	21 30.77	− 0.21	+ 6.04	14 5 46.32	46.338	+ 2.37	+ 14.2	19 21 36.60	− 1.68	+24 44 58.6	−19.3
5	4 Cygni	9	22 43.97	− 0.17	+ 6.04	2 43 45.60	43.688	+ 2.38	+ 2.7	19 22 49.84	− 1.66	+36 8 11.3	−21.3
6	6 Vulpeculæ	9	24 45.93	− 0.22	+ 6.04	14 21 47.70	46.512	+ 2.39	+ 14.5	19 24 51.75	.....	+24 28 52.7	....
7	8 Cygni	9	28 14.77	− 0.18	+ 6.04	4 35 45.95	45.062	+ 2.41	+ 4.6	19 28 20.63	− 1.70	+34 15 37.5	−21.0
8	54 Sagittarii	9	35 20.18	− 0.40	+ 6.04	55 19 48.08	46.630	+ 2.45	+1 21.4	19 35 25.82	.....	−16 30 17.2	....
9	β Sagittæ	9	36 48.28	− 0.24	+ **6.07**	21 35 44.22	43.642	+ 2.46	+ 22.3	19 36 54.08	.....	+17 15 54.0	....
10	15 Cygni	9	40 51.12	− 0.16	+ 6.04	1 43 44.10	44.040	+ 2.48	+ 1.8	19 40 57.00	− 1.79	+37 8 5.4	−21.4
11	δ Sagittæ	9	43 10.48	− 0.24	+ **6.06**	20 31 45.30	47.198	+ 2.49	+ 21.2	19 43 16.28	.....	+18 18 32.7	....
12	g Sagittarii	9	52 37.11	− 0.39	+ 6.04	54 33 48.52	46.455	+ 2.55	+1 19.2	19 52 42.76	− 2.07	−15 44 11.3	− 9.6
13	γ Sagittæ	9	54 33.38	− 0.23	+ **6.02**	19 35 45.40	46.995	+ 2.56	+ 20.1	19 54 39.19	.....	+19 14 38.5	....
14	c Sagittarii	9	56 53.28	− 0.49	+ 6.04	66 47 48.80	43.805	+ 2.57	+2 10.9	19 56 58.83	.....	−27 58 2.9	....
15	66 Aquilæ	9	8 22.08	− 0.31	+ 6.04	40 7 47.30	44.962	+ 2.64	+ 47.6	20 8 27.81	− 2.02	− 1 17 4.7	−14.0
16	4 Capricorni	9	12 30.36	− 0.43	+ 6.04	60 55 48.85	44.295	+ 2.66	+1 41.2	20 12 35.97	− 2.23	−22 5 44.6	− 8.6
17	β Capricorni	9	15 43.83	− 0.38	+ **6.01**	53 53 47.22	47.120	+ 2.68	+1 17.3	20 15 49.49	.....	−15 4 23.6	....
18	π Capricorni	9	21 56.61	− 0.40	+ **5.98**	57 19 48.18	47.882	+ 2.71	+1 27.9	20 22 2.25	.....	−18 30 52.6	....
19	41 Cygni	9	25 31.86	− 0.18	+ 6.04	8 47 44.15	44.522	+ 2.73	+ 8.8	20 25 37.72	− 2.04	+30 3 47.3	−20.2
20	θ Cephei	9	27 58.01	− 0.06	+ 6.04	336 11 43.18	42.250	+ 2.75	− 24.8	20 28 3.99	.....	+62 41 13.4	....
21	κ Delphini	9	34 33.08	− 0.26	+ 6.04	29 5 47.02	43.455	+ 2.78	+ 31.5	20 34 38.86	− 2.08	+ 9 45 45.9	−16.9
22	ψ Capricorni	9	40 32.30	− 0.46	+ 6.03	64 25 48.22	44.818	+ 2.82	+1 57.6	20 40 37.87	.....	−25 36 12.2	....
23	ε Aquarii	9	42 35.13	− 0.34	+ **6.01**	48 39 48.02	46.655	+ 2.83	+1 4.2	20 42 40.82	.....	− 9 50 0.7	....
24	B. D.+51°2957	7	45 50.81	− 0.10	+ 6.03	347 17 45.40	44.270	+ 2.84	− 12.7	20 45 56.74	− 2.42	+51 34 13.0	−21.3
25	B. D.+49°3386	8	46 38.30	− 0.10	+ 6.03	349 5 45.40	41.770	+ 2.85	− 10.8	20 46 44.23	− 2.38	+49 47 7.8	−21.2
26	220 H¹. Draconis	9	51 49.22	+ 0.13	+ 6.03	318 39 43.40	45.135	+ 2.88	− 49.4	20 51 55.38	.....	+80 12 31.7	....
27	ρ Ursæ Majoris S. P.	8	54 3.53	− 0.15	+ 6.03	286 53 43.00	45.388	+ 2.88	−3 2.4	8 54 9.41	+ 0.90	+67 59 20.1	+14.6
	September 15, Hl.-P.												
28	Moon I, S	9	11 23.30	− 0.51	+ 5.90	61 45 53.05	44.207	+ 2.36	+1 43.8	18 11 28.69	+72.85	−22 55 49.4	....
29	Moon N	.	.. ..	....	....	61 13 49.85	42.960	+ 2.36	+1 41.6	.. ..	.....	−22 23 14.5	....
30	4 H. Scuti	9	37 7.10	− 0.41	+ **5.94**	47 57 50.70	47.600	+ 2.36	+1 2.1	18 37 12.59	.....	− 9 8 22.6	....
31	ε² Lyræ (*mean*)	9	41 13.61	− 0.26	+ 5.90	359 19 46.55	46.315	+ 2.36	− 0.6	18 41 19.25	− 1.32	+39 31 13.5	−21.5
32	204 B. Draconis	9	44 34.12	− 0.23	+ 5.90	345 57 46.65	46.218	+ 2.36	− 13.9	18 44 39.79	− 1.28	+52 53 28.8	−23.1
33	R Lyræ	9	52 26.06	− 0.24	+ 5.90	355 1 48.35	45.145	+ 0.22	− 4.8	18 52 31.72	.....	+43 49 44.7	....
34	ζ Sagittarii	9	56 38.41	− 0.54	+ 5.90	68 49 49.80	45.165	+ 2.36	+2 23.8	18 56 43.77	.....	−30 0 47.7	....
35	ζ Aquilæ	9	1 4.19	− 0.31	+ **5.87**	25 7 47.48	43.730	+ 2.36	+ 26.3	19 1 9.77	.....	+13 43 44.7	....
36	25 H. Camelopardalis S. P.	9	11 27.65	0.00	+ 5.89	301 27 43.35	46.378	+ 2.36	−1 31.0	7 11 33.54	.....	+82 35 13.3	....
37	143 B. Camelopardalis S. P.	9	21 7.39	− 0.05	+ 5.89	287 33 43.90	44.438	+ 2.36	−2 54.4	7 21 13.23	.....	+68 39 6.7	....
38	225 B. Draconis	9	27 16.83	− 0.20	+ 5.89	319 25 44.48	48.068	+ 2.36	− 47.8	19 27 22.52	− 2.45	+79 25 22.0	−22.8
39	51 B. Cygni	9	33 31.06	− 0.21	+ 5.89	355 21 45.85	43.990	+ 2.36	− 4.5	19 33 36.74	− 1.72	+43 30 11.2	−22.3
40	14 Cygni	9	36 21.05	− 0.22	+ 5.89	356 15 45.88	43.092	+ 2.36	− 3.6	19 36 26.72	− 1.74	+42 36 30.8	−22.2
41	f Sagittarii	9	40 52.97	− 0.45	+ 5.89	58 47 48.78	47.952	+ 2.36	+1 32.7	19 40 58.41	− 2.06	−19 58 59.3	− 7.8
42	δ Sagittæ	9	43 10.67	− 0.28	+ **5.90**	20 31 47.80	47.068	+ 2.36	+ 21.1	19 43 16.28	.....	+18 18 33.4	....
43	α Aquilæ	9	46 11.13	− 0.31	+ **5.86**	30 13 48.05	43.795	+ 2.36	+ 32.8	19 46 16.71	.....	+ 8 37 36.3	....
44	g Sagittarii	9	52 37.26	− 0.41	+ 5.89	54 33 49.12	46.418	+ 2.36	+1 19.1	19 52 42.74	− 2.06	−15 44 11.4	− 9.5
45	c Sagittarii	9	56 53.43	− 0.50	+ 5.89	66 47 49.42	43.788	+ 2.36	+2 10.7	19 56 58.82	.....	−27 58 2.8	....
46	τ Aquilæ	9	59 32.18	− 0.31	+ **5.90**	31 49 47.45	44.875	+ 2.36	+ 35.0	19 59 37.76	.....	+ 7 1 10.0	....
47	173 B. Camelopardalis S. P.	8	7 46.23	− 0.11	+ 5.89	294 55 43.88	44.943	+ 2.36	−2 0.1	8 7 52.01	.....	+76 2 12.4	....
48	68 Draconis	8	10 0.24	− 0.15	+ 5.89	337 3 45.85	44.890	+ 2.36	− 23.7	20 10 5.98	− 2.30	+61 48 9.3	−22.7
49	κ Cephei	9	11 59.99	− 0.11	+ 5.89	321 25 43.40	45.640	+ 2.36	− 44.7	20 12 5.77	.....	+77 26 15.0	....
50	β Capricorni	9	15 43.97	− 0.40	+ **5.87**	53 53 49.08	47.048	+ 2.36	+1 17.2	20 15 49.46	.....	−15 4 23.5	....
51	π Capricorni	9	21 56.73	− 0.42	+ **5.86**	57 19 49.92	47.805	+ 2.36	+1 27.8	20 22 2.20	.....	−18 30 52.2	....
52	41 Cygni	9	25 32.17	− 0.22	+ 5.89	8 47 46.82	44.378	+ 2.36	+ 8.8	20 25 37.84	− 2.03	+30 3 48.3	−20.4
53	181 B. Camelopardalis S. P.	9	29 16.49	− 0.12	+ 5.89	292 51 44.32	42.418	+ 2.36	−2 12.3	8 29 22.26	+ 1.03	+73 57 3.0	+17.1
54	73 Draconis	9	32 42.51	− 0.08	+ 5.89	324 13 44.08	44.838	+ 2.36	− 40.4	20 32 48.32	.....	+74 38 29.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 19 17	30.20	71.0	69.8
19 45	......	....	69.0
20 10	30.21	70.0	68.8
20 37	......	....	68.0
20 57	30.21	67.8	69.0
15 18 8	30.195	74.3	73.1
18 17	30.19	73.8	72.2
18 29	30.195	73.3	72.8
18 47	......	....	72.1
19 2	......	....	71.9
19 10	......	....	71.6
19 16	30.20	72.3	....
19 24	......	....	71.5
19 48	30.195	70.8	69.4
20 3	......	....	69.1
20 21	......	....	69.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Z. D. threads C used.
1.	Bisections at I, II, VI, VII.
3, 26.	Bisections at III, V.
4, 5, 12, 13, 19, 22, 23, 24, 52.	Bisections at I, II.
25, 29, 48, 49.	Bisections at VI, VII.
27, 28.	Bisections at II, III, IV.
34, 35.	Bisections at II, VI, VII.
36.	Bisections at II, III, VI.
47, 53.	Bisections at V, VI, VII.

Note.

33. Two microscopes used.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 13.0	.. ....	0.0	+ 13.0
28	+52 9.8	+16 9.4	...	+68 19.2
29	+51 53.5	−16 9.4	+ 0.2	+35 44.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Delphini (*fol.*)	9	42 17.13	− 0.26	+ 5.89	23 3 48.82	44.130	+ 2.36	+ 24.0	20 42 22.76	− 2.09	+15 47 36.5	−18.1
2	B. D.+51°2954	7	45 2.99	− 0.14	+ 5.89	346 47 47.65	43.812	+ 2.36	− 13.2	20 45 8.74	− 2.40	+52 4 22.2	−21.6
3	B. D.+50°3209	9	46 36.53	− 0.15	+ 5.89	348 25 46.68	43.302	+ 2.36	− 11.5	20 46 42.27	− 2.38	+50 26 33.1	−21.5
4	32 Vulpeculæ	9	50 32.27	− 0.21	+ **5.89**	11 7 47.05	47.590	+ 2.36	+ 11.2	20 50 37.95	.....	+27 42 32.1	....
	September 15, M.												
5	27 Arietis	9	25 41.29	− 0.21	+ 5.92	21 33 46.78	44.092	+ 3.41	+ 22.4	2 25 47.00	− 2.26	+17 17 40.1	− 8.4
6	ν Ceti	9	30 55.99	− 0.25	+ **5.90**	33 39 47.18	44.092	+ 3.41	+ 37.8	2 31 1.66	.....	+ 5 11 24.5	....
7	ν Arietis	9	33 28.57	− 0.20	+ **5.93**	17 17 47.02	44.340	+ 3.41	+ 17.7	2 33 34.29	.....	+21 33 38.8	....
8	γ Ceti	9	38 25.27	− 0.26	+ **5.88**	35 59 49.15	45.450	+ 3.41	+ 41.2	2 38 30.93	.....	+ 2 50 47.9	....
9	τ² Eridani	9	46 45.57	− 0.40	+ 5.92	60 11 49.82	47.592	+ 3.41	+1 38.8	2 46 51.09	.....	−21 22 59.3	....
10	β Ursæ Minoris s. p.	.	.. ..	....	....	293 25 44.80	45.598	+ 3.41	−2 9.4	14 50	.....	+74 32 20.4	....
11	λ Ceti	9	54 40.12	− 0.24	+ 5.92	30 17 47.52	47.032	+ 3.41	+ 33.2	2 54 45.80	− 2.04	+ 8 32 21.1	− 9.5
12	57 B. Ursæ Minoris s. p.	9	6 25.22	− 0.56	+ 5.92	306 27 43.18	46.895	+ 3.41	−1 16.3	15 6 30.58	.....	+87 35 41.0	....
13	κ Ceti	9	14 25.19	− 0.26	+ 5.92	35 47 48.22	47.855	+ 3.41	+ 40.9	3 14 30.85	− 1.89	+ 3 1 54.0	−10.4
14	2 H. Camelopardalis	9	21 29.24	− 0.07	+ 5.92	339 13 44.72	48.192	+ 3.41	− 21.4	3 21 35.09	.....	+59 36 52.0	....
15	*f* Tauri	9	25 40.48	− 0.23	+ **5.93**	26 13 48.18	45.065	+ 3.41	+ 28.0	3 25 46.17	.....	+12 37 10.8	....
16	τ⁵ Eridani	9	29 36.96	− 0.40	+ 5.92	60 45 49.35	46.078	+ 3.41	+1 41.1	3 29 42.48	.....	−21 56 26.5	....
17	149 H¹. Cephei	9	36 28.00	+ 0.34	+ 5.92	312 31 44.25	44.162	+ 3.41	−1 1.6	3 36 34.26	−18.50	+86 21 4.6	+13.8
18	ζ Ursæ Minoris s. p.	9	47 11.94	− 0.16	+ 5.92	296 57 43.95	46.900	+ 3.41	−1 50.6	15 47 17.70	.....	+78 5 7.5	....
19	γ Eridani	9	53 37.42	− 0.35	+ **5.93**	52 35 47.68	46.590	+ 3.41	+1 14.2	3 53 42.99	.....	−13 46 9.7	....
20	ν Tauri	9	58 8.54	− 0.25	+ **5.94**	33 5 48.15	47.792	+ 3.41	+ 37.1	3 58 14.20	.....	+ 5 43 59.7	....
21	151 H¹. Cephei	9	7 13.67	+ 0.21	+ 5.91	313 33 44.18	46.080	+ 3.41	− 59.4	4 7 19.79	.....	+85 18 18.7	....
22	γ Tauri	9	14 25.99	− 0.22	+ **5.96**	23 25 46.92	47.720	+ 3.41	+ 24.7	4 14 31.68	.....	+15 24 14.5	....
	September 16, M.												
23	Sun I, S	9	31 54.62	− 0.28	+ 5.85	36 11 51.12	45.870	+ 3.23	+ 40.3	11 32 0.19	+63.95	+ 2 38 37.3	....
24	Sun II, N	9	34 2.52	− 0.28	+ 5.85	35 39 49.78	46.420	+ 3.23	+ 39.5	11 34 8.09	−63.95	+ 3 10 27.1	....
25	6 H. Scuti	9	42 10.60	− 0.36	+ 5.79	43 41 48.08	43.812	+ 2.40	+ 52.9	18 42 16.03	− 1.62	− 4 50 44.3	−10.6
26	ξ Sagittarii	9	52 7.46	− 0.46	+ 5.79	60 3 49.38	44.418	+ 2.40	+1 36.0	18 52 12.79	− 1.84	−21 13 42.5	− 5.4
27	ε Aquilæ	9	55 20.12	− 0.27	+ **5.78**	23 53 46.85	46.485	+ 2.40	+ 24.6	18 55 25.64	.....	+14 56 44.1	....
28	ζ Aquilæ	9	1 4.22	− 0.27	+ **5.79**	25 7 47.82	43.760	+ 2.40	+ 26.0	19 1 9.74	.....	+13 43 44.0	....
29	Mars I, C	9	12 50.69	− 0.50	+ 5.79	65 13 48.60	48.298	+ 2.40	+1 59.8	19 12 55.98	+ 0.57	−26 25 34.1	....
30	Mars II	9	12 51.69	− 0.50	+ 5.79	... .	......	....	. ....	19 12 56.98	− 0.43	.. ..	....
31	Moon I, S	9	15 32.38	− 0.47	+ 5.79	61 53 49.92	48.021	+ 2.40	+1 43.6	19 15 37.70	+73.37	−23 5 13.0	....
32	ι Cygni	9	27 17.69	− 0.13	+ 5.79	347 19 45.78	44.210	+ 2.40	− 12.4	19 27 23.35	.....	+51 32 14.0	....
33	κ Aquilæ	9	31 49.79	− 0.36	+ **5.81**	46 3 49.72	46.648	+ 2.40	+ 57.6	19 31 55.22	.....	− 7 13 55.4	....
34	β Sagittæ	9	36 48.51	− 0.25	+ **5.82**	21 36	......	....	. ....	19 36 54.05	.....	+17 15	....
35	228 G. Sagittarii	9	40 2.34	− 0.54	+ 5.79	70 55 50.00	47.525	+ 2.40	+2 39.6	19 40 7.59	− 2.23	−32 7 57.8	− 4.1
36	166 B. Camelopardalis s. p.	8	48 59.01	− 0.21	+ 5.79	293 3 44.20	44.062	+ 2.40	−2 9.2	7 49 4.59	.....	+74 9 43.9	....
37	γ Sagittæ	9	54 33.56	− 0.24	+ **5.82**	19 36	......	....	. ....	19 54 39.11	.....	+19 14	....
38	*c* Sagittarii	9	56 53.48	− 0.50	+ 5.79	66 47 49.32	43.965	+ 2.40	+2 9.0	19 56 58.77	.....	−27 58 4.8	....
39	τ Aquilæ	9	59 32.23	− 0.28	+ **5.80**	31 49 47.22	44.962	+ 2.40	+ 34.5	19 59 37.74	.....	+ 7 1 8.6	....
40	20 Vulpeculæ	9	8 3.06	− 0.21	+ 5.79	12 37 44.70	48.105	+ 2.40	+ 12.5	20 8 8.64	− 1.91	+26 12 21.5	−20.0
41	κ Cephei	9	11 59.77	+ 0.05	+ 5.79	321 25 43.30	45.640	+ 2.40	− 44.2	20 12 5.61	.....	+77 26 15.7	....
42	π Capricorni	9	21 56.79	− 0.41	+ **5.78**	57 19 48.00	47.960	+ 2.40	+1 26.7	20 22 2.16	.....	−18 30 52.5	....
43	42 Cygni	9	25 43.98	− 0.16	+ 5.78	2 43 46.02	41.652	+ 2.40	+ 2.7	20 25 49.60	− 2.04	+36 8 57.4	−21.3
44	ε Delphini	9	28 42.76	− 0.26	+ **5.77**	27 51 47.85	44.305	+ 2.40	+ 29.5	20 28 48.28	.....	+10 59 28.0	....
45	13 G. Microscopii	9	34 27.16	− 0.54	+ 5.78	72 33 49.92	45.890	+ 2.40	+2 55.7	20 34 32.40	− 2.47	−33 45 36.3	− 6.4
46	ε Cygni	9	42 23.43	− 0.17	+ 5.78	5 13 45.40	45.125	+ 2.40	+ 5.2	20 42 29.04	.....	+33 37 36.1	....
47	ω Capricorni	9	46 13.56	− 0.48	+ 5.78	66 3 49.10	48.972	+ 2.40	+2 5.1	20 46 18.86	− 2.39	−27 15 55.5	− 8.7
48	220 H¹. Draconis	9	51 49.14	+ 0.12	+ 5.78	318 39 43.98	45.045	+ 2.40	− 48.8	20 51 55.04	.....	+80 12 33.2	....
49	η Capricorni	9	59 3.86	− 0.42	+ 5.78	59 1 48.08	48.645	+ 2.40	+1 32.8	20 59 9.22	− 2.33	−20 13 14.3	−11.0
50	*f*² Cygni	9	3 20.64	− 0.12	+ 5.78	351 35 44.62	42.608	+ 2.40	− 8.2	21 3 26.30	− 2.42	+47 16 47.6	−21.2
	September 16, Hl.												
51	ι¹ Aquarii	9	39 19.95	− 0.41	+ **5.69**	57 37 49.05	43.840	+ 2.01	+1 28.2	23 39 25.24	.....	−18 47 20.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 20 36	30.195	69.6	68.9
20 52	......	....	68.8
20 [illegible]	30.195	69.[illegible]	....
2 22	30.15	66.1	65.3
2 42	......	....	65.1
3 0	30.14	65.8	65.0
3 44	......	65.4	....
4 20	30.14	65.2	64.0
16 11 34	30.15	79.9	80.7
18 37	30.03	76.7	75.2
19 10	......	....	74.5
19 30	......	....	73.8
19 44	30.03	74.7	73.5
21 9	30.03	72.2	71.3
23 32	30.03	70.2	69.[illegible]

Micrometer bisections are made at II, VI, except as noted below.

1, 19. Bisections at II, VI, VII.
2, 3, 6, 20, 23, 38, 40, 42, 43, 46, 49. Bisections at I, II.
10, 12, 17, 21, 36, 41, 48. Bisections at III, IV, V.
11, 13, 22, 24, 35, 47. Bisections at VI, VII.
29. Bisections at I, II, VI, VII.
31. Bisections at II, III, IV, V, VI.
39. Bisections at III, VI.

Notes.

5–22. Conditions rather poor.
51. Haze and clouds.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+ 5.1	+15 54.9	...	+16 0.0
24	+ 5.1	−15 54.9	...	−15 49.8
29	+ 12.7	.. ....	0.0	+ 12.7
31	+52 30.5	+16 16.8	...	+68 47.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Sculptoris	9	44 2.39	− 0.49	+ 5.70	67 27 50.75	44.642	+ 2.03	+2 14.3	23 44 7.60	.....	−28 38 26.9	....
2	274 G. Aquarii	9	48 29.66	− 0.45	+ 5.70	63 33 49.10	45.935	+ 2.05	+1 52.4	23 48 34.91	− 2.49	−24 44 32.9	−15.9
3	30 Piscium	9	57 8.51	− 0.33	+ 5.70	45 21 49.35	45.892	+ 2.09	+ 56.8	23 57 13.88	.....	− 6 31 36.7	....
4	33 Piscium	9	0 31.64	− 0.33	+ 5.67	45 3 49.12	45.422	+ 2.11	+ 56.1	0 0 37.01	.....	− 6 13 25.0	....
5	35 Piscium	9	10 8.44	− 0.26	+ 5.70	30 31 47.62	46.665	+ 2.15	+ 33.1	0 10 13.88	− 2.46	+ 8 18 31.0	−15.2
6	σ Andromedæ	9	13 25.32	− 0.17	+ 5.70	2 35 46.38	43.155	+ 2.17	+ 2.6	0 13 30.85	.....	+36 16 22.9	....
7	49 G. Ceti	9	25 40.93	− 0.44	+ 5.70	63 7 49.55	44.212	+ 2.23	+1 50.2	0 25 46.19	− 2.42	−24 17 51.9	−16.7
8	77 G. Sculptoris	9	29 2.46	− 0.49	+ 5.70	68 53 50.28	43.012	+ 2.24	+2 24.2	0 29 7.67	− 2.45	−30 3 59.3	−16.8
9	ε Andromedæ	9	33 35.49	− 0.19	+ 5.72	10 1 48.05	47.442	+ 2.27	+ 10.0	0 33 41.00	.....	+28 48 35.7	....
10	β Ceti	9	38 52.47	− 0.39	+ 5.64	57 19 48.40	44.450	+ 2.29	+1 27.2	0 38 57.77	.....	−18 29 33.3	....
11	γ Cassiopeiæ	9	51 3.85	− 0.10	+ 5.69	338 39 45.05	42.995	+ 2.35	− 21.8	0 51 9.44	.....	+60 12 51.9	....
12	B. D.+53°207	9	56 57.89	− 0.11	+ 5.69	345 5 44.75	46.770	+ 2.38	− 14.8	0 57 3.47	− 3.56	+53 45 19.0	− 6.1
13	44 H. Cephei	8	4 15.87	− 0.01	+ 5.69	319 41 45.08	44.370	+ 2.41	− 47.3	1 4 21.55	− 8.95	+79 10 44.7	− 0.9
14	υ Piscium	9	14 18.22	− 0.19	+ 5.72	12 3 47.40	47.165	+ 2.46	+ 12.0	1 14 23.72	.....	+26 46 40.5	....
15	θ Ceti	9	19 19.41	− 0.32	+ 5.66	47 29 49.20	45.532	+ 2.49	+1 1.1	1 19 24.78	.....	− 8 39 33.0	....
16	40 Cassiopeiæ	9	31 4.41	− 0.05	+ 5.69	326 17 44.98	46.052	+ 2.54	− 37.2	1 31 10.05	.....	+72 33 57.1	....
17	φ Persei	9	37 47.36	− 0.11	+ 5.69	348 37 46.55	46.688	+ 2.58	− 11.2	1 37 52.94	.....	+50 13 15.3	....
18	ζ Ceti	9	46 49.03	− 0.33	+ 5.69	49 37 49.65	44.965	+ 2.62	+1 6.0	1 46 54.39	.....	−10 47 25.5	....
	September 17, Hl.												
19	Sun I, N	9	35 30.08	− 0.24	+ 5.68	36 1 43.72	49.610	+ 4.16	+ 39.8	11 35 35.52	+63.90	+ 2 47 18.8	....
20	Sun II, S	7	37 37.89	− 0.24	+ 5.68	36 33 48.48	48.970	+ 4.16	+ 40.5	11 37 43.33	−63.91	+ 2 15 28.2	....
	September 20, P.												
21	111 Herculis	9	42 51.19	− 0.28	+ 5.33	20 45 50.22	45.950	+ 3.30	+ 20.9	18 42 56.24	− 1.37	+18 4 55.8	−17.3
22	ξ Sagittarii	9	52 7.88	− 0.44	+ 5.33	60 3 52.45	44.298	+ 3.30	+1 35.2	18 52 12.77	− 1.77	−21 13 42.9	− 5.3
23	ε Aquilæ	9	55 20.57	− 0.29	+ 5.28	23 53 52.25	46.218	+ 3.30	+ 24.4	18 55 25.61	.....	+14 56 44.1	....
24	λ Aquilæ	9	1 15.56	− 0.36	+ 5.29	43 51 52.45	44.792	+ 3.30	+ 52.8	19 1 20.53	.....	− 5 1 11.8	....
25	d Sagittarii	9	12 8.62	− 0.43	+ 5.32	57 57 52.18	42.912	+ 3.30	+1 27.7	19 12 13.52	.....	−19 7 3.5	....
26	21 B. Vulpeculæ	9	21 31.38	− 0.26	+ 5.33	14 5 50.50	46.115	+ 3.30	+ 13.9	19 21 36.45	− 1.56	+24 44 58.9	−19.7
27	4 Cygni	9	22 44.53	− 0.24	+ 5.33	2 43 49.38	43.435	+ 3.30	+ 2.7	19 22 49.62	− 1.52	+36 8 12.0	−21.8
28	ι Cygni	9	27 18.09	− 0.22	+ 5.33	347 19 50.15	43.938	+ 3.30	− 12.3	19 27 23.20	.....	+51 32 14.9	....
29	κ Aquilæ	9	31 50.17	− 0.36	+ 5.38	46 3 52.68	46.510	+ 3.30	+ 57.1	19 31 55.14	.....	− 7 13 55.6	....
30	β Sagittæ	9	36 48.97	− 0.28	+ 5.32	21 35 49.88	43.392	+ 3.30	+ 21.8	19 36 54.02	.....	+17 15 53.7	....
31	f Sagittarii	9	40 53.44	− 0.43	+ 5.33	58 47 50.40	48.002	+ 3.30	+1 30.7	19 40 58.34	− 1.99	−19 59 1.0	− 7.6
32	α Aquilæ	9	46 11.60	− 0.31	+ 5.32	30 13 50.72	43.698	+ 3.30	+ 32.1	19 46 16.62	.....	+ 8 37 35.6	....
33	φ Aquilæ	9	51 46.77	− 0.30	+ 5.32	27 39 51.48	45.785	+ 3.30	+ 28.9	19 51 51.79	− 1.79	+11 10 50.3	−17.0
34	τ Aquilæ	9	59 32.62	− 0.31	+ 5.39	31 49 50.28	44.785	+ 3.30	+ 34.2	19 59 37.63	.....	+ 7 1 9.1	....
35	68 Draconis	9	10 0.52	− 0.22	+ 5.32	337 3 47.60	44.698	+ 3.30	− 23.2	20 10 5.62	− 2.09	+61 48 11.1	−23.6
36	κ Cephei	9	11 59.96	− 0.28	+ 5.32	321 25 47.25	45.365	+ 3.30	− 43.7	20 12 5.00	.....	+77 26 16.6	....
37	ω¹ Cygni	9	27 7.67	− 0.22	+ 5.32	350 13 48.48	42.740	+ 3.30	− 9.4	20 27 12.77	− 2.06	+48 38 41.2	−22.9
38	κ Delphini	9	34 33.72	− 0.30	+ 5.32	29 5 50.98	43.298	+ 3.30	+ 30.7	20 34 38.74	− 2.00	+ 9 45 45.8	−17.3
39	ε Cygni	9	42 23.81	− 0.24	+ 5.32	5 13 49.75	44.852	+ 3.30	+ 5.1	20 42 28.89	.....	+33 37 38.2	....
40	B. D.+51°2954	9	45 3.37	− 0.22	+ 5.32	346 47 50.12	43.580	+ 3.30	− 12.9	20 45 8.47	− 2.26	+52 4 23.8	−22.6
41	B. D.+50°3209	9	46 36.87	− 0.22	+ 5.32	348 25 48.85	43.105	+ 3.30	− 11.2	20 46 41.97	− 2.25	+50 26 34.2	−22.5
42	76 Draconis	8	49 22.47	− 0.38	+ 5.32	316 41 47.88	42.260	+ 3.30	− 51.8	20 49 27.41	.....	+82 11 35.0	....
43	ν Cygni	9	53 39.43	− 0.23	+ 5.32	358 3 50.42	41.892	+ 3.30	− 1.8	20 53 44.52	.....	+40 48 50.9	....
44	η Capricorni	9	59 4.27	− 0.43	+ 5.32	59 1 51.05	48.500	+ 3.30	+1 31.8	20 59 9.16	− 2.30	−20 13 14.1	−10.6
45	61 Cygni (*pr.*)	9	2 41.02	− 0.23	+ 5.32	0 33 50.52	44.352	+ 3.30	+ 0.6	21 2 46.11	.....	+38 17 52.2	....
46	1 H. Draconis S. P.	9	23 43.82	+ 0.14	+ 5.32	300 37 46.25	43.090	+ 3.30	−1 32.6	9 23 49.28	.....	+81 44 1.2	....
47	16 Cephei	9	57 54.76	− 0.17	+ 5.31	326 7 48.90	44.365	+ 3.52	− 36.9	21 57 59.90	− 4.55	+72 44 30.8	−18.7
48	ι Pegasi	9	2 38.18	− 0.25	+ 5.38	13 58	......	....	.....	22 2 43.24	.....	+24 53	....
49	28 Pegasi	9	6 3.71	− 0.26	+ 5.31	18 19 51.92	44.435	+ 3.52	+ 18.3	22 6 8.76	− 2.38	+20 31 31.1	−18.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 23 53	.....	....	69.0
0 17	.....	....	69.0
0 43	30.01	69.8	68.8
1 2	.....	....	68.9
1 11	.....	....	68.9
1 28	30.01	68.6	....
1 34	.....	....	68.3
1 52	30.01	69.2	68.2
17 11 38	30.01	81.5	82.0
20 18 39	29.79	76.0	75.0
19 13	.....	....	74.8
19 30	.....	....	74.7
19 54	29.80	75.0	74.2
20 13	.....	....	74.0
20 35	.....	....	73.9
20 58	.....	....	73.5
21 4	29.81	74.0	73.2
21 26	29.80	73.5	73.0
21 55	29.80	73.0	72.6

Micrometer bisections are made at II, VI, except as noted below.

8, 10.	Bisections at II, VII.
13, 27.	Bisections at VI, VII.
19, 26, 39, 40, 41.	Bisections at I, II.
20.	Bisection at VII.
35, 36, 37, 47.	Bisections at III, V.
42.	Bisections at IV, V.
46.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

1-18.	Haze and clouds.
13, 15.	Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
19	+ 5.1	−15 55.3	...	−15 50.2
20	+ 5.2	+15 55.2	...	+16 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	θ Aquarii	9	11 53.09	− 0.36	+ **5.29**	47 3 53.00	48.102	+ 3.52	+ 59.4	22 11 58.04	.....	− 8 14 34.9	....
2	2 Lacertæ	9	17 8.62	− 0.19	+ 5.31	352 47 53.75	43.230	+ 3.52	− 6.9	22 17 13.74	− 2.79	+46 4 22.0	−19.0
3	ζ Aquarii (*mean*)	.	.. ..	....	....	39 19 56.05	45.815	+ 3.52	+ 45.3	22 24	.....	− 0 29 31.5	−16.4
4	κ Aquarii	9	32 53.92	− 0.34	+ 5.31	43 33 55.75	42.160	+ 3.52	+ 52.5	22 32 58.89	− 2.40	− 4 42 14.9	−15.8
5	35 H. Ursæ Majoris s. p.	9	36 17.94	− 0.03	+ 5.31	288 27 52.05	44.812	+ 3.52	−2 43.0	10 36 23.22	+ 2.11	+69 33 36.0	+10.8
6	τ Aquarii	9	44 37.76	− 0.39	+ 5.31	52 55 54.78	42.730	+ 3.52	+1 13.1	22 44 42.68	− 2.46	−14 4 47.5	−15.0
7	δ Aquarii	9	49 40.60	− 0.40	+ **5.24**	55 7 56.68	47.432	+ 3.52	+1 19.3	22 49 45.51	.....	−16 18 43.1	....
8	c¹ Aquarii	9	1 38.96	− 0.45	+ 5.31	63 3 56.50	45.690	+ 3.52	+1 48.5	23 1 43.82	− 2.54	−24 14 32.3	−14.2
9	c² Aquarii	9	4 27.09	− 0.43	+ 5.31	60 29 56.12	45.900	+ 3.52	+1 37.5	23 4 31.97	.....	−21 40 25.7	....
10	ψ¹ Aquarii	9	10 58.76	− 0.36	+ 5.31	48 25 56.60	44.805	+ 3.52	+1 2.3	23 11 3.71	− 2.46	− 9 35 26.0	−15.8
11	ο Cephei	9	14 47.48	− 0.16	+ 5.31	331 15 52.02	44.312	+ 3.52	− 30.2	23 14 52.63	.....	+67 36 22.2	....
12	Moon I, S	9	20 7.23	− 0.37	+ 5.31	48 35 57.02	45.095	+ 3.52	+1 2.7	23 20 12.17	+68.00	− 9 45 33.5	....
13	ι Andromedæ	9	33 32.30	− 0.19	+ 5.31	356 5 53.28	45.605	+ 3.52	− 3.7	23 33 37.42	.....	+42 45 25.0	....
14	λ Piscium	9	37 15.50	− 0.31	+ 5.31	37 33 56.48	46.332	+ 3.52	+ 42.6	23 37 20.50	− 2.46	+ 1 16 18.9	−16.2
15	φ Pegasi	9	47 42.86	− 0.25	+ **5.29**	20 13 54.55	46.915	+ 3.52	+ 20.5	23 47 47.91	.....	+18 36 29.6	....
16	ρ Cassiopeiæ	9	49 42.52	− 0.16	+ 5.30	341 51 53.00	47.095	+ 3.52	− 18.0	23 49 47.66	− 3.72	+56 59 5.5	−12.3
17	128 H¹. Camelopardalis s. p.	9	59 39.11	+ 0.10	+ 5.30	304 59 50.90	42.381	+ 3.52	−1 18.7	11 59 44.51	+19.57	+86 6 3.6	+ 6.4
18	γ Pegasi	9	8 24.22	− 0.26	+ **5.34**	24 11 56.05	42.118	+ 3.52	+ 24.9	0 8 29.26	.....	+14 40 13.1	....
19	318 B. Cephei	9	10 58.73	− 0.15	+ 5.30	322 25 50.72	45.417	+ 3.52	− 42.4	0 11 3.88	− 7.30	+76 26 10.2	− 7.8
20	44 Piscium	9	20 35.57	− 0.30	+ **5.30**	37 25 55.75	42.672	+ 3.52	+ 42.4	0 20 40.57	.....	+ 1 25 43.5	....
	September 21, M.												
21	Sun I, N	9	49 51.24	− 0.26	+ 5.26	37 35 50.98	46.598	+ 4.37	+ 41.5	11 49 56.24	+63.98	+ 1 14 18.4	....
22	Sun II, S	9	51 59.19	− 0.26	+ 5.26	38 7 51.20	46.240	+ 4.37	+ 42.3	11 52 4.19	−63.97	+ 0 42 25.9	....
23	Mercury C, C	9	34 29.37	− 0.30	+ 5.26	42 7 52.92	43.984	+ 3.98	+ 48.7	12 34 34.33	+ 0.01	− 3 16 50.4	....
24	43 Camelopardalis s. p.	9	43 37.39	− 0.08	+ 5.19	287 53 47.45	44.970	+ 3.10	−2 45.5	6 43 42.50	− 1.69	+68 59 32.3	+18.0
25	θ Serpentis	9	51 32.48	− 0.30	+ **5.11**	34 45 49.85	44.745	+ 3.10	+ 37.7	18 51 37.37	.....	+ 4 5 7.1	....
26	ε Aquilæ	9	55 20.62	− 0.26	+ **5.18**	23 53 50.20	46.345	+ 3.10	+ 24.1	18 55 25.55	.....	+14 56 43.6	....
27	ζ Aquilæ	9	1 4.74	− 0.27	+ **5.18**	25 7 49.62	43.702	+ 3.10	+ 25.5	19 1 9.66	.....	+13 43 43.4	....
28	22 Aquilæ	9	11 51.64	− 0.30	+ 5.19	34 9 49.55	46.640	+ 3.10	+ 37.0	19 11 56.53	− 1.61	+ 4 40 24.8	−14.3
29	5 Vulpeculæ	9	22 6.28	− 0.25	+ 5.19	18 55 49.85	45.805	+ 3.10	+ 18.7	19 22 11.22	− 1.57	+19 55 2.0	−18.6
30	225 B. Draconis	9	27 16.92	− 0.03	+ 5.19	319 25 46.78	47.827	+ 3.10	− 46.4	19 27 22.08	− 1.69	+79 25 23.7	−23.6
31	κ Aquilæ	9	31 50.35	− 0.36	+ **5.18**	46 3 51.85	46.592	+ 3.10	+ 56.5	19 31 55.18	.....	− 7 13 55.8	....
32	β Sagittæ	9	36 49.15	− 0.26	+ **5.10**	21 35 48.05	43.525	+ 3.10	+ 21.6	19 36 54.08	.....	+17 15 52.9	....
33	228 G. Sagittarii	8	40 2.82	− 0.56	+ 5.19	70 55 53.75	47.508	+ 3.10	+2 36.6	19 40 7.45	− 2.15	−32 7 58.7	− 3.6
34	α Aquilæ	9	46 11.69	− 0.29	+ **5.19**	30 13 49.45	43.792	+ 3.10	+ 31.8	19 46 16.59	.....	+ 8 37 35.2	....
35	63 Sagittarii	9	56 43.34	− 0.40	+ 5.19	52 43 50.20	45.105	+ 3.10	+1 11.6	19 56 48.13	− 1.98	−13 53 35.3	−10.1
36	20 Vulpeculæ	9	8 3.56	− 0.23	+ 5.18	12 37 48.85	47.902	+ 3.10	+ 12.3	20 8 8.51	− 1.82	+26 12 21.3	−20.4
37	α¹ Capricorni	9	12 26.94	− 0.40	+ 5.18	51 37 50.58	45.282	+ 3.10	+1 8.9	20 12 31.72	.....	−12 47 37.0	....
38	π Capricorni	9	21 57.34	− 0.44	+ **5.20**	57 19 51.20	47.895	+ 3.10	+1 25.1	20 22 2.08	.....	−18 30 53.6	....
39	42 Cygni	9	25 44.57	− 0.20	+ 5.18	2 43 47.85	41.522	+ 3.10	+ 2.6	20 25 49.55	− 1.94	+36 8 57.8	−21.9
40	13 G. Microscopii	9	34 27.76	− 0.58	+ 5.18	72 33 52.40	45.918	+ 3.10	+2 52.4	20 34 32.36	− 2.41	−33 45 36.8	− 5.8
41	ε Cygni	9	42 23.98	− 0.21	+ 5.18	5 13 50.55	44.932	+ 1.26	+ 5.1	20 42 28.95	.....	+33 37 36.6	....
42	220 H¹. Draconis	.	.. ..	....	....	318 39 46.32	44.808	+ 3.10	− 47.9	20 52	.....	+80 12 34.6	....
43	η Capricorni	9	59 4.42	− 0.46	+ 5.18	59 1 50.52	48.612	+ 3.10	+1 31.0	20 59 9.14	− 2.29	−20 13 15.1	−10.6
44	γ Equulei	9	5 46.43	− 0.30	+ 5.18	29 5 48.92	43.665	+ 3.10	+ 30.5	21 5 51.31	− 2.13	+ 9 45 39.9	−17.6
45	ζ Cygni	9	8 55.87	− 0.23	+ **5.22**	8 59 48.08	46.360	+ 3.10	+ 8.7	21 9 0.82	.....	+29 51 0.9	....
	September 21, P.												
46	ε Pegasi	9	39 34.58	− 0.31	+ **5.10**	29 23 49.52	44.912	+ 3.15	+ 30.9	21 39 39.39	.....	+ 9 27 10.4	....
47	ν Cephei	9	42 44.14	− 0.16	+ 5.12	338 9 47.62	45.650	+ 3.15	− 21.9	21 42 49.10	− 3.09	+60 41 48.2	−20.6
48	16 Pegasi	9	48 47.32	− 0.25	+ **5.09**	13 21 48.78	44.727	+ 3.15	+ 13.1	21 48 52.18	.....	+25 29 33.0	....
49	ο Aquarii	9	58 27.78	− 0.35	+ 5.11	41 25 49.55	47.310	+ 3.15	+ 48.5	21 58 32.54	− 2.33	− 2 36 2.0	−15.8
50	μ Piscis Australis	9	2 55.71	− 0.57	+ 5.11	72 15 52.10	42.898	+ 3.15	+2 50.0	22 3 0.25	− 2.63	−33 26 25.2	−10.2
51	θ Aquarii	9	11 53.30	− 0.38	+ **5.10**	47 3 51.52	48.227	+ 3.15	+ 59.0	22 11 58.03	.....	− 8 14 35.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 22 10	.....	....	72.4
22 30	.....	....	72.1
22 50	.....	....	72.0
23 0	.....	....	71.9
23 10	.....	....	71.8
23 30	29.79	72.0	71.2
0 2	.....	....	71.0
0 21	29.79	71.5	71.0
21 11 52	29.80	84.1	85.0
12 34	29.80	85.0	86.1
18 34	29.74	80.7	80.1
19 7	.....	....	79.1
19 42	.....	....	78.3
19 51	29.74	78.5	78.0
21 11	29.74	76.8	76.1
21 37	29.74	76.0	75.2
21 59	.....	....	74.2

Micrometer bisections are made at II, VI, except as noted below.

2, 11, 13, 16, 47.	Bisections at III, V.
5.	Bisections at II, III, V.
12.	Bisections at II, III, IV, V, VI.
17.	Bisections at b_1, b_3, b_5, b_7, b_9.
18, 22, 26.	Bisections at VI, VII.
19.	Bisections at IV, V, VI.
21, 29, 41.	Bisections at I, II.
23, 40.	Bisections at I, II, VI, VII.
24, 30, 42.	Bisections at III, IV, V.
48, 50, 51.	Bisections at II, VI, VII.

Notes.

3.	Circle reading decreased 20′.
24, 40, 43.	Unsteady.
41.	Two microscopes used.
50.	Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
12	+44 18.6	+16 10.3	...	+60 28.9
21	+ 5.3	−15 56.2	...	−15 50.9
22	+ 5.4	+15 56.2	...	+16 1.6
23	+ 4.3	.. ....	−0.1	+ 4.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Piscis Australis.	9	26 11.34	− 0.55	+ 5.11	71 37 53.05	45.252	+ 3.15	+2 44.1	22 26 15.90	− 2.64	−32 49 14.0	−11.4
2	η Aquarii.	9	30 32.27	− 0.34	+ **5.15**	39 25 51.28	46.158	+ 3.15	+ 45.2	22 30 37.04	. . . . .	− 0 35 34.1	. . . .
3	30 Cephei.	9	35 19.88	− 0.17	+ 5.11	335 45 46.42	44.468	+ 3.15	− 24.6	22 35 24.82	− 3.75	+63 6 19.0	−17.4
4	τ Aquarii.	9	44 37.93	− 0.40	+ 5.11	52 55 49.60	42.970	+ 3.15	+1 12.6	22 44 42.64	− 2.46	−14 4 47.0	−14.9
5	δ Aquarii.	9	49 40.76	− 0.40	+ **5.08**	55 7 51.60	47.695	+ 3.15	+1 18.8	22 49 45.47	. . . . .	−16 18 43.1	. . . .
6	c¹ Aquarii.	9	1 39.16	− 0.46	+ 5.11	63 3 51.10	45.990	+ 3.15	+1 47.9	23 1 43.81	− 2.55	−24 14 32.8	−14.1
7	59 Pegasi.	9	7 0.09	− 0.29	+ 5.11	30 37 49.25	44.860	+ 3.15	+ 32.6	23 7 4.91	− 2.46	+ 8 13 10.1	−16.9
8	γ Piscium.	9	12 18.38	− 0.31	+ **5.09**	36 3 50.75	45.727	+ 3.15	+ 40.1	23 12 23.18	. . . . .	+ 2 46 41.2	. . . .
9	249 B. Ursæ Majoris s. p. . .	9	17 13.21	− 0.01	+ 5.11	283 45 44.50	44.072	+ 3.15	−3 39.2	11 17 18.31	. . . . .	+64 50 15.2	. . . .
10	70 Pegasi.	9	24 24.68	− 0.28	+ 5.11	26 35 49.45	45.222	+ 3.15	+ 27.6	23 24 29.51	. . . . .	+12 15 6.6	. . . .
11	72 Pegasi.	9	29 18.08	− 0.22	+ 5.11	8 1 49.50	46.485	+ 3.15	+ 7.8	23 29 22.97	. . . . .	+30 48 57.5	. . . .
12	γ Cephei.	9	35 33.74	− 0.21	+ 5.11	321 45 45.18	43.592	+ 3.15	− 43.2	23 35 38.64	. . . . .	+77 6 58.8	. . . .
13	ι¹ Aquarii.	9	39 20.55	− 0.41	+ **5.12**	57 37 51.38	43.765	+ 3.15	+1 26.7	23 39 25.24	. . . . .	−18 47 21.0	. . . .
14	φ Pegasi.	9	47 43.09	− 0.26	+ **5.08**	20 13 49.82	47.208	+ 3.15	+ 20.4	23 47 47.93	. . . . .	+18 36 28.1	. . . .
15	Moon N.	.	.. . .	. . . .	. . . .	42 41 51.30	45.082	+ 2.71	+ 50.9	.. ..	. . . . .	− 3 51 11.0	. . . .
16	Moon II, S.	9	17 13.32	− 0.34	+ 5.10	43 13 49.32	45.743	+ 2.71	+ 51.9	0 17 18.08	−66.58	− 4 23 32.9	. . . .
	September 21, Hl.												
17	59 H¹. Cassiopeiæ.	9	45 4.24	− 0.15	+ 5.09	335 7 47.58	43.800	+ 2.79	− 25.5	0 45 9.18	− 4.50	+63 44 34.2	− 7.0
18	32² H. Camelopardalis s. p.	7	48 8.08	+ 0.10	+ 5.09	302 47 46.52	45.620	+ 2.79	−1 25.0	12 48 13.27	. . . . .	+83 55 6.3	. . . .
19	B. D.+53°207.	9	56 58.62	− 0.16	+ 5.09	345 5 48.28	46.542	+ 2.82	− 14.6	0 57 3.55	− 3.64	+53 45 20.0	− 7.7
20	μ Cassiopeiæ.	9	2 3.76	− 0.16	+ 5.09	344 23 47.55	45.032	+ 2.83	− 15.3	1 2 8.69	. . . . .	+54 27 55.9	. . . .
21	B. D.+54°241.	9	7 18.07	− 0.16	+ 5.09	343 35 48.00	47.535	+ 2.85	− 16.1	1 7 23.00	− 3.74	+55 14 59.1	− 6.6
22	υ Piscium.	9	14 18.94	− 0.21	+ **5.10**	12 3 50.25	47.000	+ 2.86	+ 11.9	1 14 23.82	. . . . .	+26 46 41.2	. . . .
23	θ Ceti.	9	19 20.05	− 0.33	+ **5.10**	47 29 51.88	45.442	+ 2.88	+1 0.2	1 19 24.81	. . . . .	− 8 39 33.1	. . . .
24	μ Piscium.	9	25 16.28	− 0.27	+ 5.09	33 9 51.80	47.448	+ 2.89	+ 36.1	1 25 21.10	− 2.40	+ 5 40 5.2	−13.9
25	υ Andromedæ.	9	31 18.25	− 0.18	+ 5.09	357 53 49.20	48.105	+ 2.91	− 1.9	1 31 23.16	. . . . .	+40 56 30.6	. . . .
26	φ Persei.	9	37 48.13	− 0.16	+ 5.09	348 37 50.18	46.458	+ 2.93	− 11.0	1 37 53.06	. . . . .	+50 13 16.1	. . . .
27	χ Ceti.	9	44 58.52	− 0.35	+ 5.09	49 59 51.30	42.540	+ 2.95	+1 5.8	1 45 3.26	. . . . .	−11 8 31.9	. . . .
28	ξ Piscium.	9	48 41.89	− 0.29	+ **5.13**	36 7 50.82	42.465	+ 2.96	+ 40.3	1 48 46.69	. . . . .	+ 2 43 55.8	. . . .
29	B. D.+36°397.	9	57 36.92	− 0.19	+ 5.09	1 39 48.68	46.625	+ 2.98	+ 1.7	1 57 41.82	− 2.86	+37 11 1.4	− 6.3
30	B. D.+37°486.	9	2 50.19	− 0.18	+ 5.09	1 25 48.85	46.232	+ 3.00	+ 1.4	2 2 55.10	− 2.86	+37 25 10.4	− 5.9
31	B. D.+37°504.	9	8 13.79	− 0.18	+ 5.09	1 11 49.68	47.450	+ 3.01	+ 1.2	2 8 18.70	− 2.85	+37 38 41.7	− 5.5
32	67 Ceti.	9	12 18.07	− 0.33	+ **5.11**	45 41 52.42	43.605	+ 3.02	+ 56.6	2 12 22.83	. . . . .	− 6 50 48.2	. . . .
33	ε Cassiopeiæ.	9	21 23.29	− 0.15	+ 5.09	331 51 47.70	48.005	+ 3.05	− 29.4	2 21 28.23	. . . . .	+66 59 1.6	. . . .
34	ν Ceti.	9	30 56.93	− 0.28	+ **5.12**	33 39 51.15	43.878	+ 3.07	+ 36.9	2 31 1.73	. . . . .	+ 5 11 26.5	. . . .
35	δ Ceti.	9	34 40.21	− 0.30	+ **5.17**	38 53 50.32	47.725	+ 3.08	+ 44.7	2 34 44.99	. . . . .	− 0 4 8.4	. . . .
36	41 Arietis.	9	44 28.02	− 0.21	+ **5.09**	11 57 49.50	46.882	+ 3.11	+ 11.8	2 44 32.89	. . . . .	+26 52 44.5	. . . .
	September 23, M.												
37	5 Vulpeculæ.	9	22 6.28	− 0.12	+ 4.98	18 55 52.70	45.635	+ 3.58	+ 19.1	19 22 11.14	− 1.54	+19 55 2.0	−18.7
38	225 B. Draconis.	9	27 16.13	+ 0.45	+ 4.98	319 25 48.45	47.780	+ 3.58	− 47.4	19 27 21.56	− 1.46	+79 25 23.5	−23.8
39	κ Aquilæ.	9	31 50.37	− 0.25	+ **5.02**	46 3 53.70	46.472	+ 3.58	+ 57.8	19 31 55.10	. . . . .	− 7 13 56.7	. . . .
40	β Sagittæ.	9	36 49.18	− 0.13	+ **4.91**	21 35 51.08	43.348	+ 3.58	+ 22.1	19 36 54.03	. . . . .	+17 15 52.9	. . . .
41	δ Cygni.	9	42 0.73	0.00	+ 4.97	353 57 50.28	42.805	+ 3.58	− 5.8	19 42 5.70	. . . . .	+44 54 33.9	. . . .
42	α Aquilæ.	8	46 11.70	− 0.17	+ **5.03**	30 13 51.00	43.685	+ 3.58	+ 32.4	19 46 16.50	. . . . .	+ 8 37 35.0	. . . .
43	β Aquilæ.	9	50 41.68	− 0.18	+ **5.00**	32 39 51.95	45.930	+ 3.58	+ 35.7	19 50 46.47	. . . . .	+ 6 10 39.4	. . . .
44	τ Aquilæ.	9	59 32.82	− 0.18	+ **5.01**	31 49 51.18	44.740	+ 3.58	+ 34.6	19 59 37.61	. . . . .	+ 7 1 8.5	. . . .
45	20 Vulpeculæ.	9	8 3.55	− 0.09	+ 4.97	12 37 50.18	47.795	+ 3.58	+ 12.5	20 8 8.43	− 1.79	+26 12 21.7	−20.6
46	α¹ Capricorni.	9	12 27.04	− 0.28	+ 4.97	51 37 52.60	45.132	+ 3.58	+1 10.2	20 12 31.73	. . . . .	−12 47 37.4	. . . .
47	Groombridge 1418 s. p.	9	27 6.56	− 1.13	+ 4.97	304 15 47.40	44.445	+ 3.58	−1 21.2	8 27 10.40	+ 4.05	+85 22 44.8	+21.0
48	13 G. Microscopii.	8	34 27.83	− 0.46	+ 4.97	72 33 53.95	45.718	+ 3.58	+2 55.5	20 34 32.34	− 2.38	−33 45 37.4	− 5.5
49	3 Aquarii.	9	42 47.26	− 0.24	+ 4.97	44 11 53.05	46.625	+ 3.58	+ 54.1	20 42 51.99	. . . . .	− 5 21 55.7	. . . .
50	ω Capricorni.	9	46 14.16	− 0.46	+ 4.97	66 3 53.50	48.802	+ 3.58	+2 4.8	20 46 18.67	− 2.31	−27 15 56.7	− 7.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 22 27	. . . . .	. . . .	74.3
22 31	. . . . .	. . . .	74.2
22 54	29.74	74.9	74.1
23 10	. . . . .	. . . .	73.2
23 30	. . . . .	. . . .	73.0
23 48	29.74	73.5	72.7
0 18	29.35	73.0	72.2
0 37	29.74	73.0	72.0
1 4	. . . . .	. . . .	72.0
1 23	. . . . .	. . . .	71.2
1 35	. . . . .	. . . .	71.0
1 54	29.71	71.6	70.9
2 16	. . . . .	. . . .	70.3
2 39	. . . . .	. . . .	69.9
2 50	29.73	70.9	70.0
23 19 22	29.48	64.7	63.4
19 39	. . . . .	. . . .	63.4
19 53	29.49	64.8	63.5
20 49	29.49	65.2	63.8

Micrometer bisections are made at II, VI, except as noted below.

3, 12, 38. Bisections at III, V.
4, 8. Bisections at II, VI, VII.
9, 47. Bisections at III, IV, V.
15. Bisections at I, II, III.
16. Bisections at V, VI, VII.
17, 49. Bisections at I, II.
18. Bisections at III, IV.
26, 31. Bisections at VI, VII.

Notes.

9. Haze; unsteady.
35, 36. Faint.
47, 48. Clouds; faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+39 39.0	−15 59.3	+ 1.1	+23 40.8
16	+40 3.4	+15 59.3	. . .	+56 2.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ρ Ursæ Majoris s. p.	8	54 5.10	− 0.22	+ 4.97	286 53 47.58	44.888	+ 3.58	−2 59.8	8 54 9.85	+ 0.41	+67 59 16.7	+16.8
2	A Capricorni...........	9	1 39.21	− 0.38	+ 4.97	64 11 53.60	45.630	+ 3.58	+1 54.6	21 1 43.80	− 2.34	−25 22 34.1	− 9.1
3	3 Piscis Australis.......	9	7 44.41	− 0.41	+ 4.97	66 49 53.48	43.075	+ 3.58	+2 9.3	21 7 48.97	− 2.39	−27 59 50.3	− 8.7
4	4 Piscis Australis.......	9	12 16.01	− 0.45	+ 4.97	71 21 54.98	46.120	+ 3.58	+2 43.7	21 12 20.53	.....	−32 33 36.0	....
5	1 Pegasi...............	9	17 44.43	− 0.12	+ **5.00**	19 25 51.40	46.625	+ 3.58	+ 19.7	21 17 49.28	.....	+19 24 40.1	....
6	358 B. Cygni............	9	28 17.53	+ 0.04	+ 4.97	346 37 50.08	47.555	+ 3.58	− 13.1	21 28 22.54	− 2.58	+52 12 52.9	−21.9
7	89 B. Ursæ Majoris s. p. ..	9	34 12.14	− 0.24	+ 4.97	288 33 49.10	44.460	+ 3.58	−2 43.2	9 34 16.87	+ 1.18	+69 39 25.1	+15.4
	September 23, Hl.												
8	Moon II...............	9	2 0.16	− 0.15	+ 4.88	32 20	......	....	.....	2 2 4.89	−65.17	.. ..	....
9	57 B. Ursæ Minoris s. p. ..	9	6 23.22	− 1.55	+ 4.87	306 28	......	....	.....	15 6 26.54	.....	+87 35	....
10	149 H^1. Cephei..........	9	36 30.72	+ 1.09	+ 4.87	312 32	......	....	.....	3 36 36.68	−21.07	+86 21	....
11	γ Eridani...............	9	53 38.60	− 0.27	+ **4.89**	52 36	......	....	.....	3 53 43.20	.....	−13 46	....
12	ν Tauri.................	9	58 9.75	− 0.16	+ **4.86**	33 6	......	....	.....	3 58 14.46	.....	+ 5 44	....
13	151 H^1. Cephei..........	9	7 16.56	+ 0.80	+ 4.87	313 34	......	....	.....	4 7 22.23	.....	+85 18	....
14	δ Tauri.................	9	17 31.47	− 0.12	+ **4.84**	21 32	......	....	.....	4 17 36.22	.....	+17 19	....
15	ε Tauri.................	9	23 8.32	− 0.11	+ **4.88**	19 52	......	....	.....	4 23 13.08	.....	+18 58	....
16	α Tauri.................	9	30 32.21	− 0.12	+ **4.82**	22 32	......	....	.....	4 30 36.96	.....	+16 19	....
17	53 Eridani..............	9	33 52.27	− 0.27	+ **4.78**	53 20	......	....	.....	4 33 56.87	.....	−14 28	....
	September 24, Hl.												
18	Mercury C...............	.	.. ..	....	....	44 19 53.45	48.156	+ 2.77	+ 52.7	12 52	.....	− 5 30 29.1	....
	September 24, P.												
19	Moon II, N.............	9	53 23.14	− 0.24	+ 4.90	27 21 51.30	43.267	+ 3.70	+ 28.9	2 53 27.80	−65.14	+11 29 47.6	....
20	ρ Persei................	9	59 10.84	− 0.11	+ 4.90	0 21 50.82	47.070	+ 3.70	+ 0.4	2 59 15.63	.....	+38 28 49.6	....
21	δ Arietis...............	9	6 16.23	− 0.19	+ **4.86**	19 27 50.55	46.780	+ 3.70	+ 19.8	3 6 20.94	.....	+19 22 37.2	....
22	1 H^1. Camelopardalis....	9	11 47.32	+ 0.03	+ 4.90	333 33 47.42	43.665	+ 3.70	− 27.7	3 11 52.25	− 4.39	+65 18 39.0	+ 5.5
23	τ^1 Arietis...............	9	15 48.96	− 0.19	+ **4.92**	18 1 50.42	46.335	+ 3.70	+ 18.3	3 15 53.67	.....	+20 48 49.0	....
24	γ^2 Ursæ Minoris s. p.	8	20 44.32	− 0.22	+ 4.90	291 3 46.58	45.553	+ 3.70	−2 23.4	15 20 49.00	.....	+72 10 7.5	....
25	s Tauri.................	8	25 16.89	− 0.23	+ 4.90	27 49 50.82	44.818	+ 3.70	+ 29.6	3 25 21.56	− 2.15	+11 1 11.9	− 8.3
26	τ^5 Eridani...............	9	29 38.17	− 0.42	+ 4.90	60 45 52.08	45.955	+ 3.70	+1 39.9	3 29 42.65	.....	−21 56 25.3	....
27	149 H^1. Cephei..........	9	36 32.11	+ 0.94	+ 4.89	312 31 46.85	43.925	+ 3.70	−1 0.8	3 36 37.94	−21.40	+86 21 6.4	+11.7
28	η Tauri.................	9	41 54.78	− 0.17	+ **4.92**	15 1 50.18	45.665	+ 3.70	+ 15.1	3 41 59.50	.....	+23 49 7.7	....
29	ζ Ursæ Minoris s. p.	9	47 12.39	− 0.34	+ 4.89	296 57 46.78	46.660	+ 3.70	−1 49.4	15 47 16.94	.....	+78 5 6.9	....
30	γ Eridani...............	9	53 38.69	− 0.36	+ **4.91**	52 35 50.65	46.432	+ 3.70	+1 13.4	3 53 43.22	.....	−13 46 8.5	....
31	λ Persei................	8	59 37.22	− 0.06	+ 4.89	348 45 49.60	44.980	+ 3.70	− 11.1	3 59 42.05	− 2.90	+50 5 50.2	+ 5.2
32	87 B. Draconis s. p.	9	5 57.54	− 0.18	+ 4.89	286 57 48.12	45.788	+ 3.70	−3 1.1	16 6 2.25	.....	+68 3 36.7	....
33	o^2 Eridani...............	9	10 56.59	− 0.34	+ **4.91**	46 37 53.00	45.790	+ 3.70	+ 59.6	4 11 1.14	.....	− 7 47 42.4	....
34	212 G. Eridani...........	9	16 32.84	− 0.41	+ 4.89	59 41 52.08	43.558	+ 3.70	+1 36.1	4 16 37.32	− 1.63	−20 51 26.9	−14.8
35	υ^5 Eridani...............	9	20 29.86	− 0.54	+ 4.89	73 1 53.00	45.622	+ 3.70	+3 2.8	4 20 34.21	.....	−34 13 41.7	....
36	80 Tauri.................	9	24 47.61	− 0.21	+ 4.89	23 23 51.20	47.765	+ 3.70	+ 24.4	4 24 52.29	− 1.94	+15 26 9.4	− 4.3
37	ρ Tauri.................	9	28 31.38	− 0.21	+ 4.89	24 11 52.18	45.468	+ 3.70	+ 25.4	4 28 36.06	− 1.91	+14 38 59.9	− 4.4
38	53 Eridani..............	9	33 52.32	− 0.36	+ **4.85**	53 19 52.70	43.065	+ 3.70	+1 15.6	4 33 56.85	.....	−14 28 55.8	....
39	μ Eridani...............	9	40 48.19	− 0.30	+ **4.89**	42 15 52.40	45.245	+ 3.70	+ 51.3	4 40 52.78	.....	− 3 25 21.2	....
40	i Tauri.................	9	45 53.14	− 0.20	+ 4.89	20 9 51.00	45.892	+ 3.70	+ 20.8	4 45 57.83	.....	+18 40 56.0	....
41	π^1 Orionis...............	9	49 43.64	− 0.23	+ 4.89	28 51 51.95	41.888	+ 3.70	+ 31.1	4 49 48.30	− 1.74	+10 0 16.3	− 5.0
42	ε Leporis...............	9	1 28.33	− 0.42	+ 4.89	61 19 53.20	43.340	+ 5.96	+1 43.1	5 1 32.80	.....	−22 29 32.3	....
43	19 H. Camelopardalis.....	9	7 13.40	+ 0.24	+ 4.89	319 43 47.88	48.195	+ 3.70	− 47.6	5 7 18.53	.....	+79 7 14.7	....
44	λ Aurigæ...............	8	12 33.24	− 0.10	+ 4.89	358 49 49.60	47.082	+ 3.70	− 1.1	5 12 38.03	.....	+40 0 52.1	....
45	25 Orionis..............	9	19 52.04	− 0.27	+ 4.89	37 5 52.98	42.585	+ 3.70	+ 42.8	5 19 56.66	− 1.50	+ 1 45 47.6	− 6.5
	September 25, P.												
46	Sun S..................	.	.. ..	....	....	39 41 54.50	44.520	+ 4.12	+ 47.0	12 5	.....	− 0 51 2.2	....
47	Sun N..................	.	.. ..	....	....	39 9 54.62	44.590	+ 4.12	+ 46.2	.. ..	.....	− 0 19 4.1	....
48	Venus C................	.	.. ..	....	....	39 21 54.70	44.321	+ 4.12	+ 46.4	12 17	.....	− 0 30 57.7	....
49	Mercury C...............	.	.. ..	....	....	45 3 53.65	46.769	+ 3.69	+ 56.7	12 57	.....	− 6 14 2.5	....
50	5 Vulpeculæ............	9	22 6.37	− 0.15	+ 4.95	18 55 51.72	45.620	+ 2.73	+ 19.7	19 22 11.17	− 1.50	+19 55 3.6	−18.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 21 45	29.60	64.9	63.9
24 12 52	29.515	79.0	80.0
2 50	29.60	64.9	64.5
3 10	....	....	64.0
3 30	....	....	63.0
3 50	....	....	62.0
4 12	29.67	63.0	61.0
4 30	....	....	60.1
4 50	....	....	59.4
5 10	....	..	59.0
5 22	29.70	60.5	58.9
25 12 6	29.82	62.1	60.0
12 19	29.82	62.2	61.0
12 58	29.82	63.0	61.1
19 20	29.92	58.0	56.0

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at III, IV.
4, 39, 47. Bisections at VI, VII.
6, 7, 22, 31, 43, 44. Bisections at III, V.
18, 48, 49. Bisections at I, II, VI, VII.
19. Bisections at II, III, IV, V, VI.
24, 29, 32. Bisections at III, IV, V.
25. Bisections at II, VII.
26, 46. Bisections at I, II.
27. Bisections at b_1, b_3, b_5, b_7, b_9.
30, 35, 45. Bisections at II, VI, VII.

Notes.

3, 4. Clouds.
8-17. Conditions poor; fog.
12. Faint.
24, 35. Haze.
42. Two microscopes used.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
18	+ 4.5	.. ....	− 0.1	+ 4.4
19	+25 46.8	−15 24.0	...	+10 22.8
46	+ 5.6	+15 59.0	...	+16 4.6
47	+ 5.5	−15 59.0	...	−15 53.5
48	+ 3.2	.. ....	0.0	+ 3.2
49	+ 4.6	.. ....	− 0.1	+ 4.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	225 B. Draconis	9	27 15.63	+ 0.52	+ 4.95	319 25 48.45	47.845	+ 2.77	− 48.9	19 27 21.10	− 1.23	+79 25 24.4	−24.1
2	κ Aquilæ	9	31 50.48	− 0.28	+ **4.91**	46 3 55.02	46.328	+ 2.82	+ 59.6	19 31 55.15	.....	− 7 13 55.8	....
3	β Sagittæ	9	36 49.17	− 0.16	+ **4.92**	21 35 51.92	43.282	+ 2.86	+ 22.8	19 36 53.96	.....	+17 15 53.6	....
4	15 Cygni	9	40 52.01	− 0.05	+ 4.95	1 43 51.25	43.710	+ 2.90	+ 1.8	19 40 56.91	− 1.54	+37 8 5.3	−22.6
5	α Aquilæ	9	46 11.82	− 0.19	+ **4.90**	30 13 53.08	43.555	+ 2.95	+ 33.5	19 46 16.58	.....	+ 8 37 35.4	....
6	β Aquilæ	9	50 41.74	− 0.20	+ **4.93**	32 39 53.10	45.812	+ 2.99	+ 36.9	19 50 46.49	.....	+ 6 10 40.4	....
7	τ Aquilæ	9	59 32.83	− 0.20	+ **4.99**	31 49 52.38	44.600	+ 3.07	+ 35.7	19 59 37.58	.....	+ 7 1 10.0	....
8	66 Aquilæ	9	8 22.94	− 0.24	+ 4.95	40 7 52.48	44.610	+ 3.15	+ 48.6	20 8 27.65	− 1.87	− 1 17 3.4	−14.2
9	α^1 Capricorni	9	12 27.02	− 0.31	+ 4.95	51 37 53.02	44.920	+ 3.19	+1 12.7	20 12 31.66	.....	−12 47 35.1	....
10	π Capricorni	9	21 57.48	− 0.35	+ **4.91**	57 19 53.50	47.568	+ 3.28	+1 29.8	20 22 2.08	.....	−18 30 53.3	....
11	ω^1 Cygni	9	27 7.71	+ 0.03	+ 4.95	350 13 52.05	42.635	+ 3.32	− 9.9	20 27 12.69	− 1.94	+48 38 40.5	−23.8
12	29 Vulpeculæ	9	34 19.21	− 0.12	+ 4.95	17 59 52.48	41.080	+ 3.38	+ 18.8	20 34 24.04	− 1.91	+20 52 46.8	−19.9
13	3 Aquarii	9	42 47.24	− 0.25	+ 4.95	44 11 55.82	46.372	+ 3.46	+ 56.1	20 42 51.94	.....	− 5 21 54.6	....
14	B. D.+51°2957	9	45 51.35	+ 0.05	+ 4.95	347 17 50.32	43.920	+ 3.49	− 12.9	20 45 56.35	− 2.15	+51 34 15.7	−23.6
15	B. D.+49°3386	9	46 38.88	+ 0.04	+ 4.95	349 5 51.12	41.422	+ 3.50	− 11.1	20 46 43.87	− 2.13	+49 47 10.1	−23.5
16	γ Microscopii	9	55 33.31	− 0.47	+ 4.95	71 25 54.00	44.872	+ 3.58	+2 50.6	20 55 37.79	.....	−32 37 13.3	....
17	A Capricorni	9	1 39.21	− 0.40	+ 4.95	64 11 55.62	45.273	+ 3.63	+1 59.2	21 1 43.76	− 2.31	−25 22 32.7	− 9.0
18	3 Piscis Australis	9	7 44.52	− 0.42	+ 4.95	66 49 54.32	42.730	+ 3.69	+2 14.4	21 7 49.05	− 2.37	−27 59 48.5	− 8.5
19	4 Piscis Australis	9	12 16.04	− 0.47	+ 4.95	71 21 55.00	45.825	+ 3.73	+2 50.3	21 12 20.52	.....	−32 33 35.8	....
20	1 Pegasi	9	17 44.37	− 0.12	+ **5.03**	19 25 52.30	46.525	+ 3.78	+ 20.5	21 17 49.20	.....	+19 24 40.5	....
21	b Capricorni	9	23 23.16	− 0.36	+ 4.95	61 1 56.62	46.040	+ 3.83	+1 44.4	21 23 27.75	− 2.34	−22 12 36.7	−10.7
22	358 B. Cygni	9	28 17.48	+ 0.07	+ 4.95	346 37 50.25	47.550	+ 3.87	− 13.7	21 28 22.50	− 2.55	+52 12 53.2	−22.4
23	89 B. Ursæ Majoris S. P.	9	34 12.39	− 0.28	+ 4.95	288 33 50.20	44.763	+ 3.93	−2 50.0	9 34 17.06	+ 1.09	+69 39 26.7	+16.1
24	ε Pegasi	9	39 34.56	− 0.16	+ **4.94**	29 23 51.65	44.725	+ 3.98	+ 32.7	21 39 39.35	.....	+ 9 27 10.1	....
25	ν Cephei	9	42 43.84	+ 0.14	+ 4.95	338 9 50.88	45.495	+ 4.00	− 23.1	21 42 48.93	− 3.00	+60 41 48.8	−21.7
	September 25, M.												
26	57 B. Ursæ Minoris S. P.	6	6 24.82	− 4.36	+ 5.00	306 27 47.40	46.703	+ 3.97	−1 19.2	15 6 25.46	.....	+87 35 39.0	....
27	Moon II, N	9	44 51.41	− 0.02	+ 4.99	23 19 52.92	47.038	+ 4.07	+ 25.5	3 44 56.38	−65.41	+15 30 22.9	....
28	151 H^1. Cephei	9	7 15.61	+ 2.32	+ 4.99	313 33 48.05	45.887	+ 4.18	−1 1.7	4 7 22.92	.....	+85 18 20.8	....
29	80 Tauri	9	24 47.34	0.00	+ 4.99	23 23 53.88	47.590	+ 4.27	+ 25.6	4 24 52.33	− 1.96	+15 26 9.0	− 4.3
30	α Tauri	9	30 31.97	0.00	+ **4.99**	22 31 53.10	44.418	+ 4.30	+ 24.5	4 30 36.96	.....	+16 19 23.3	....
31	53 Eridani	9	33 52.07	− 0.18	+ **4.95**	53 19 53.25	42.915	+ 4.31	+1 19.1	4 33 56.88	.....	−14 28 56.8	....
32	τ Tauri	8	36 36.61	+ 0.04	+ **5.09**	16 3 55.38	46.318	+ 4.33	+ 17.0	4 36 41.64	.....	+22 46 44.8	....
33	μ Eridani	9	40 47.89	− 0.10	+ **5.02**	42 15 54.78	45.032	+ 4.35	+ 53.6	4 40 52.78	.....	− 3 25 21.5	....
34	π^3 Orionis	9	44 44.34	− 0.04	+ **4.94**	32 1 53.80	47.390	+ 4.37	+ 36.9	4 44 49.29	.....	+ 6 48 2.2	....
35	57 H^1. Camelopardalis	9	52 54.77	+ 0.70	+ 4.99	324 55 51.12	46.900	+ 4.41	− 41.2	4 53 0.46	− 4.66	+73 55 34.1	+14.9
36	157 H^1. Cephei	7	58 49.95	+ 2.63	+ 4.99	313 1 51.38	46.487	+ 4.44	−1 2.9	4 58 57.57	−14.15	+85 50 4.8	+17.6
37	ζ Draconis S. P.	9	8 25.22	− 0.34	+ 4.99	284 43 51.05	48.702	+ 4.49	−3 39.2	17 8 29.87	.....	+65 50 8.5	....
38	τ Orionis	9	13 2.02	− 0.12	+ **5.03**	45 47 55.98	42.540	+ 4.51	+1 0.6	5 13 6.89	.....	− 6 56 32.9	....
39	17 Camelopardalis	9	21 20.54	+ 0.40	+ 4.99	335 51 50.15	47.310	+ 4.55	− 26.3	5 21 25.93	.....	+62 59 10.7	....
40	19 Camelopardalis	9	28 12.45	+ 0.43	+ 4.99	334 45 53.22	46.548	+ 4.58	− 27.7	5 28 17.87	− 2.89	+64 5 26.4	+14.4
	September 26, M.												
41	Sun S	.	.. ..	....	....	40 3 57.20	48.050	+ 3.98	+ 48.4	12 8	.....	− 1 14 26.8	....
42	Sun N	.	.. ..	....	....	39 31 57.12	48.245	+ 3.98	+ 47.5	.. ..	.....	− 0 42 31.3	....
43	5 Vulpeculæ	9	22 6.12	− 0.04	+ 5.03	18 55 54.95	45.498	+ 3.41	+ 19.8	19 22 11.11	− 1.48	+19 55 2.4	−18.9
44	225 B. Draconis	9	27 15.35	+ 0.89	+ 5.03	319 25 51.90	47.690	+ 3.41	− 49.2	19 27 21.27	− 1.11	+79 25 24.1	−24.3
45	κ Aquilæ	9	31 50.28	− 0.19	+ **5.01**	46 3 57.42	46.192	+ 3.41	+ 59.9	19 31 55.12	.....	− 7 13 56.0	....
46	β Sagittæ	8	36 48.95	− 0.06	+ **5.02**	21 35 54.68	43.167	+ 3.41	+ 22.9	19 36 53.92	.....	+17 15 52.7	....
47	f Sagittarii	9	40 53.49	− 0.28	+ 5.03	58 47 55.85	47.565	+ 3.41	+1 35.2	19 40 58.24	− 1.89	−19 59 1.1	− 7.3
48	α Aquilæ	9	46 11.63	− 0.10	+ **4.99**	30 13 54.95	43.452	+ 3.41	+ 33.7	19 46 16.56	.....	+ 8 37 35.2	....
49	β Aquilæ	8	50 41.57	− 0.11	+ **5.00**	32 39 56.32	45.685	+ 3.41	+ 37.1	19 50 46.49	.....	+ 6 10 39.5	....
50	τ Aquilæ	9	59 32.63	− 0.11	+ **5.09**	31 49 55.88	44.450	+ 3.41	+ 35.9	19 59 37.55	.....	+ 7 1 9.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 19 42	.....	....	55.0
20 1	.....	....	54.2
20 20	.....	....	53.6
20 30	29.94	55.5	53.2
20 50	.....	....	53.0
21 10	.....	....	52.2
21 25	.....	....	51.8
21 43	29.96	53.5	51.1
3 10	30.00	46.9	44.4
3 38	30.00	46.8	44.0
4 11	.....	....	43.6
4 48	30.00	45.7	43.7
5 5	.....	....	43.4
5 32	30.01	45.3	43.2
26 12 10	30.05	57.9	56.7
19 17	29.98	55.8	54.0
19 44	.....	....	53.3
20 2	29.98	54.5	....

Micrometer bisections are made at II, VI, except as noted below.

1, 11, 15, 22, 25, 35, 39, 40, 44.	Bisections at III, V.
13, 24, 31, 41.	Bisections at I, II.
14.	Bisections at II, III.
16, 17, 21, 46.	Bisections at II, VI, VII.
19, 37.	Bisections at I, II, VI, VII.
23, 28.	Bisections at III, IV, V.
26.	Bisections at b$_3$, b$_5$, b$_7$.
27.	Bisections at II, III, IV, V, VI.
32, 42.	Bisections at VI, VII.
36.	Bisections at b$_2$, b$_5$, b$_8$.

Note.

26–40. Conditions poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
27	+21 55.8	−15 12.2	...	+ 6 43.6
41	+ 5.6	+15 57.8	...	+16 3.4
42	+ 5.6	−15 57.7	...	−15 52.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	66 Aquilæ	9	8 22.83	− 0.16	+ 5.03	40 7 56.65	44.505	+ 3.41	+ 48.7	20 8 27.70	− 1.86	− 1 17 5.5	−14.2
2	α¹ Capricorni	9	12 26.89	− 0.23	+ 5.03	51 37 56.60	44.840	+ 3.41	+1 13.0	20 12 31.69	.....	−12 47 37.4	....
3	π Capricorni	9	21 57.26	− 0.27	+ **5.03**	57 19 56.80	47.430	+ 3.41	+1 30.1	20 22 2.02	.....	−18 30 53.8	....
4	181 B. Camelopardalis s. p.	9	29 18.42	− 0.58	+ 5.03	292 51 51.65	42.105	+ 3.41	−2 15.8	8 29 22.87	+ 0.18	+73 57 1.0	+19.6
5	κ Delphini	9	34 33.79	− 0.10	+ 5.03	29 5 55.15	43.028	+ 3.41	+ 32.2	20 34 38.72	− 1.93	+ 9 45 46.2	−17.6
6	3 Aquarii	9	42 47.09	− 0.18	+ 5.03	44 11 56.62	46.378	+ 3.41	+ 56.3	20 42 51.94	.....	− 5 21 55.6	....
7	B. D. +51°2957	9	45 51.04	+ 0.17	+ 5.03	347 17 52.82	43.805	+ 3.41	− 13.0	20 45 56.24	− 2.12	+51 34 15.9	−23.8
8	B. D. +49°3386	9	46 38.55	+ 0.15	+ 5.03	349 5 52.60	41.300	+ 3.41	− 11.1	20 46 43.73	− 2.11	+49 47 11.1	−23.7
9	ν Cygni	9	53 39.31	+ 0.08	+ 5.03	358 1 54.72	46.900	+ 3.41	− 1.9	20 53 44.42	.....	+40 48 52.2	....
10	A Capricorni	9	1 39.06	− 0.33	+ 5.03	64 11 57.70	45.242	+ 3.41	+1 59.4	21 1 43.76	− 2.30	−25 22 34.0	− 8.9
11	3 Piscis Australis	9	7 44.34	− 0.35	+ 5.03	66 49 56.60	42.702	+ 3.41	+2 14.7	21 7 49.02	− 2.36	−27 59 50.2	− 8.4
12	σ Cygni	9	13 42.82	+ 0.07	+ 5.03	359 51 54.05	42.280	+ 3.41	− 0.1	21 13 47.92	.....	+39 0 36.8	....
13	1 Pegasi	9	17 44.24	− 0.05	+ **5.08**	19 25 54.95	46.430	+ 3.41	+ 20.5	21 17 49.22	.....	+19 24 40.4	....
14	b Capricorni	9	23 23.01	− 0.30	+ 5.03	61 1 58.68	45.978	+ 3.41	+1 44.6	21 23 27.74	− 2.33	−22 12 37.0	−10.6
15	358 B. Cygni	9	28 17.19	+ 0.17	+ 5.03	346 37 53.60	47.390	+ 3.41	− 13.7	21 28 22.39	− 2.53	+52 12 53.8	−22.6
16	89 B. Ursæ Majoris s. p.	9	34 12.28	− 0.44	+ 5.03	288 33 52.18	44.633	+ 3.41	−2 50.2	9 34 16.87	+ 1.04	+69 39 25.0	+16.4
	September 26, Hl.												
17	ι Cassiopeiæ	9	21 23.18	+ 0.38	+ 4.96	331 51 53.45	47.760	+ 3.00	− 31.0	2 21 28.52	.....	+66 59 3.1	....
18	27 Arietis	9	25 42.31	− 0.02	+ 4.96	21 33 55.18	43.602	+ 3.01	+ 23.1	2 25 47.25	− 2.48	+17 17 42.3	− 9.7
19	ν Arietis	9	33 29.61	+ 0.01	+ **4.91**	17 17 56.28	43.795	+ 3.03	+ 18.2	2 33 34.57	.....	+21 33 41.9	....
20	118 H¹. Cassiopeiæ	9	36 48.54	+ 0.39	+ 4.95	331 25 53.15	45.980	+ 3.04	− 31.6	2 36 53.88	− 5.02	+67 25 44.2	+ 2.4
21	τ² Eridani	9	46 46.62	− 0.24	+ 4.95	60 11 58.98	47.055	+ 3.07	+1 41.8	2 46 51.33	.....	−21 22 59.0	....
22	η Eridani	9	51 50.44	− 0.16	+ **4.90**	48 5 57.72	45.800	+ 3.08	+1 5.1	2 51 55.23	.....	− 9 15 52.2	....
23	δ Arietis	9	6 16.03	− 0.01	+ **4.93**	19 27 56.42	46.500	+ 3.13	+ 20.7	3 6 20.97	.....	+19 22 37.4	....
24	ζ Eridani	9	11 16.23	− 0.16	+ 4.95	47 59 58.20	45.312	+ 3.14	+1 4.9	3 11 21.02	− 2.06	− 9 9 41.4	−13.7
25	ο Tauri	9	19 45.73	− 0.06	+ **4.96**	30 7 55.68	46.888	+ 3.17	+ 34.0	3 19 50.62	.....	+ 8 42 15.9	....
26	σ Persei	9	23 58.83	+ 0.17	+ 4.95	351 11 53.95	43.148	+ 3.18	− 9.0	3 24 3.95	− 3.07	+47 40 26.0	+ 1.7
27	10 Tauri	9	32 4.76	− 0.10	+ 4.95	38 43 56.75	45.520	+ 3.20	+ 46.9	3 32 9.61	.....	+ 0 6 33.2	....
28	ο Persei	9	38 26.60	+ 0.07	+ 4.95	6 51 55.82	44.410	+ 3.22	+ 7.1	3 38 31.62	− 2.50	+31 59 39.2	− 1.8
29	τ⁶ Eridani	9	42 47.98	− 0.26	+ 4.95	62 19 57.30	47.300	+ 3.23	+1 51.3	3 42 52.67	.....	−23 31 12.4	....
30	ξ Persei	9	52 53.19	+ 0.09	+ 4.95	3 19 54.48	45.195	+ 3.26	+ 3.5	3 52 58.23	.....	+35 31 26.1	....
31	ν Tauri	9	58 9.58	− 0.07	+ **5.01**	33 5 57.22	47.255	+ 3.28	+ 38.2	3 58 14.46	.....	+ 5 44 1.7	....
32	p Tauri	9	5 7.13	+ 0.03	+ 4.95	12 35 54.20	47.625	+ 3.30	+ 13.2	4 5 12.11	− 2.26	+26 14 21.2	− 1.9
33	ο² Eridani	9	10 56.38	− 0.15	+ **4.98**	46 37 57.18	45.500	+ 3.31	+1 1.9	4 11 1.18	.....	− 7 47 41.9	....
34	δ Tauri	9	17 31.31	− 0.02	+ **4.98**	21 31 54.82	44.032	+ 3.33	+ 23.1	4 17 36.24	.....	+17 19 32.8	....
35	υ⁵ Eridani	9	20 29.59	− 0.37	+ 4.95	73 1 58.40	45.040	+ 3.34	+3 10.2	4 20 34.17	.....	−34 13 40.9	....
36	Moon II, N.	9	36 46.33	− 0.01	+ 4.95	20 11 55.42	43.346	+ 3.39	+ 21.6	4 36 51.27	−65.81	+18 39 49.3	....
	September 27, Hl.												
37	Sun I, N.	9	11 25.11	− 0.11	+ 4.95	39 55 57.65	46.580	+ 3.55	+ 47.4	12 11 29.95	+64.09	− 1 5 52.9	....
38	Sun II, S.	9	13 33.29	− 0.11	+ 4.95	40 27 58.78	46.325	+ 3.55	+ 48.3	12 13 38.13	−64.09	− 1 37 48.8	....
39	21 B. Vulpeculæ	9	21 31.31	− 0.05	+ 4.94	14 5 49.15	46.185	+ 2.44	+ 14.3	19 21 36.20	− 1.43	+24 44 59.1	−20.1
40	4 Cygni	9	22 44.59	+ 0.01	+ 4.94	2 43 48.30	43.492	+ 2.45	+ 2.7	19 22 49.54	− 1.36	+36 8 12.9	−22.4
41	8 Cygni	9	28 15.37	0.00	+ 4.94	4 35 48.88	44.898	+ 2.47	+ 4.6	19 28 20.31	− 1.42	+34 15 38.2	−22.2
42	κ Aquilæ	9	31 50.33	− 0.22	+ **4.97**	46 3 53.08	46.415	+ 2.48	+ 58.7	19 31 55.05	.....	− 7 13 54.6	....
43	β Sagittæ	8	36 49.07	− 0.09	+ **4.91**	21 35 50.12	43.335	+ 2.50	+ 22.4	19 36 53.92	.....	+17 15 54.7	....
44	δ Cygni	9	42 0.59	+ 0.07	+ 4.94	353 57 49.05	42.892	+ 2.52	− 5.9	19 42 5.60	.....	+44 54 34.3	....
45	β Aquilæ	9	50 41.62	− 0.15	+ **4.97**	32 39 51.85	45.905	+ 2.55	+ 36.3	19 50 46.41	.....	+ 6 10 40.5	....
46	γ Sagittæ	9	54 34.09	− 0.08	+ **4.94**	19 35 50.35	46.728	+ 2.57	+ 20.2	19 54 38.95	.....	+19 14 39.3	....
47	τ Aquilæ	8	59 32.73	− 0.14	+ **5.00**	31 49 51.20	44.690	+ 2.59	+ 35.2	19 59 37.53	.....	+ 7 1 9.8	....
48	173 B. Camelopardalis s. p.	9	7 48.82	− 0.63	+ 4.94	294 55 46.88	44.715	+ 2.62	−2 0.8	8 7 53.13	.....	+76 2 9.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 20 15	......	....	53.0
20 37	......	....	52.4
20 56	29.98	53.8	52.0
21 39	29.99	52.8	51.0
2 15	29.97	49.6	48.3
2 30	......	....	48.0
2 43	......	....	47.7
3 8	......	....	47.3
3 15	29.965	48.3	....
3 29	......	....	47.1
3 46	......	....	47.0
4 3	......	....	46.8
4 25	......	....	46.0
4 41	29.94	47.3	46.0
27 12 14	29.98	63.0	64.0
19 10	29.90	63.1	62.4
19 26	......	....	62.1
19 46	......	....	62.0
19 59	......	....	61.7

Micrometer bisections are made at II, VI, except as noted below.

4, 16.	Bisections at III, IV, V.
6, 7, 37, 39.	Bisections at I, II.
8, 18, 20, 21, 38, 43, 47.	Bisections at VI, VII.
12.	Bisections at II, III.
33, 35.	Bisections at II, VI, VII.
36.	Bisections at II, III, IV, V, VI.

Notes.

35, 44. Faint.
42, 43, 47. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
36	+18 52.4	−15 2.2	...	+ 3 50.2
37	+ 5.6	−15 57.9	...	−15 52.3
38	+ 5.7	+15 57.9	...	+16 3.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	33 Cygni	6	11 11.00	+ 0.16	+ 4.94	342 36	......	....	. ....	20 11 16.10	.....	+56 17	....
2	Groombridge 1418 s. p.	9	27 8.17	− 1.90	+ 4.94	304 15 46.10	44.588	+ 2.69	−1 22.8	8 27 11.21	+ 3.04	+85 22 44.3	+22.0
3	29 Vulpeculæ	9	34 19.05	− 0.08	+ 4.94	17 59 50.72	41.198	+ 2.72	+ 18.4	20 34 23.91	− 1.88	+20 52 46.7	−20.2
4	3 Aquarii	9	42 47.21	− 0.21	+ 4.94	44 11 52.82	46.585	+ 2.76	+ 55.2	20 42 51.94	.....	− 5 21 54.8	....
5	ω Capricorni	9	46 14.08	− 0.38	+ 4.94	66 3 51.68	48.795	+ 2.77	+2 7.5	20 46 18.64	− 2.25	−27 15 56.6	− 7.7
	September 27, P.												
6	η Eridani	9	51 50.53	− 0.24	+ **4.91**	48 6	......	....	. ....	2 51 55.22	.....	− 9 15	....
7	57 B. Ursæ Minoris s. p.	7	6 23.40	− 3.39	+ 4.93	306 27 46.15	46.652	+ 3.34	−1 16.6	15 6 24.94	.....	+87 35 38.3	....
8	τ¹ Arietis	9	15 48.93	− 0.08	+ **4.91**	18 1 50.02	46.352	+ 3.34	+ 18.6	3 15 53.78	.....	+20 48 49.0	....
9	f Tauri	9	25 41.64	− 0.12	+ **4.96**	26 13 50.55	44.860	+ 3.34	+ 28.1	3 25 46.45	.....	+12 37 13.1	....
10	ε Eridani	9	28 30.26	− 0.24	+ **4.86**	48 35 50.95	46.890	+ 3.34	+1 4.6	3 28 34.95	.....	− 9 46 10.1	....
11	γ Eridani	9	53 38.62	− 0.27	+ **4.96**	52 35 49.35	46.500	+ 3.34	+1 14.5	3 53 43.28	.....	−13 46 9.3	....
12	λ Tauri	9	55 28.93	− 0.12	+ **4.92**	26 37 50.80	43.395	+ 3.34	+ 28.6	3 55 33.74	.....	+12 13 45.9	....
13	151 H¹. Cephei	9	7 16.67	+ 1.70	+ 4.93	313 33 46.50	45.905	+ 3.34	− 59.7	4 7 23.30	.....	+85 18 20.8	....
14	δ Tauri	9	17 31.51	− 0.10	+ **4.89**	21 31 49.88	44.275	+ 3.34	+ 22.5	4 17 36.34	.....	+17 19 32.5	....
15	ε Tauri	9	23 8.35	− 0.09	+ **4.94**	19 51 50.15	47.065	+ 3.34	+ 20.7	4 23 13.19	.....	+18 58 30.5	....
16	ρ Tauri	9	28 31.34	− 0.11	+ 4.93	24 11 50.18	45.528	+ 3.34	+ 25.7	4 28 36.16	− 1.99	+14 39 0.6	− 4.5
17	35 B. Camelopardalis	9	36 18.58	+ 0.52	+ 4.93	323 5 45.35	45.765	+ 3.34	− 42.6	4 36 24.03	.....	+75 46 8.2	....
18	ι Tauri	9	45 53.08	− 0.09	+ 4.93	20 9 49.72	45.928	+ 3.34	+ 21.0	4 45 57.92	.....	+18 40 56.6	....
19	π¹ Orionis	9	49 43.56	− 0.13	+ 4.93	28 49 50.02	47.235	+ 3.34	+ 31.4	4 49 48.36	− 1.82	+10 0 16.1	− 5.0
20	ε Aurigæ	9	55 15.09	+ 0.05	+ 4.93	355 9 48.20	46.875	+ 3.34	− 4.7	4 55 20.07	.....	+43 41 2.2	....
21	η Aurigæ	9	59 56.84	+ 0.03	+ 4.93	357 43 49.35	48.295	+ 3.34	− 2.2	5 0 1.80	.....	+41 6 26.1	....
22	19 H. Camelopardalis	9	7 13.55	+ 0.71	+ 4.93	319 43 47.18	48.295	+ 3.34	− 48.1	5 7 19.19	.....	+79 7 14.0	....
23	λ Aurigæ	9	12 33.24	+ 0.03	+ 4.93	358 49 48.55	47.150	+ 3.34	− 1.1	5 12 38.20	.....	+40 0 52.0	....
24	Moon II, N	9	29 13.19	− 0.08	+ 4.93	17 59 49.52	45.445	+ 3.34	+ 18.6	5 29 18.04	−66.17	+20 51 10.3	....
	September 29, M.												
25	ε Delphini	9	28 43.47	− 0.22	+ **4.84**	27 51 49.50	44.155	+ 3.82	+ 29.7	20 28 48.11	.....	+10 59 28.2	....
26	κ Delphini	9	34 34.02	− 0.22	+ 4.86	29 5 47.48	43.402	+ 3.82	+ 31.3	20 34 38.66	− 1.88	+ 9 45 45.8	−17.8
27	B. D.+51°2954	9	45 3.58	− 0.03	+ 4.86	346 47 47.30	43.665	+ 3.82	− 13.1	20 45 8.41	− 2.04	+52 4 24.4	−24.5
28	B. D.+50°3209	9	46 37.01	− 0.04	+ 4.86	348 25 46.80	43.100	+ 3.82	− 11.4	20 46 41.83	− 2.04	+50 26 35.9	−24.3
29	220 H¹. Draconis	9	51 48.86	+ 0.42	+ 4.86	318 39 45.22	44.795	+ 3.82	− 49.2	20 51 54.14	.....	+80 12 36.5	....
30	ξ Cygni	9	1 30.20	− 0.07	+ 4.86	355 17 47.42	44.985	+ 3.82	− 4.6	21 1 34.99	− 2.10	+43 33 45.5	−23.6
31	98 B. Cephei	9	7 21.32	+ 0.31	+ 4.86	321 7 43.82	42.765	+ 3.82	− 45.2	21 7 26.49	.....	+77 45 20.4	....
32	υ Cygni	9	14 2.99	− 0.11	+ 4.86	4 21 47.45	42.145	+ 3.82	+ 4.3	21 14 7.74	− 2.12	+34 30 41.7	−22.4
33	1 Pegasi	9	17 44.52	− 0.18	+ **4.89**	19 25 47.65	46.735	+ 3.82	+ 19.9	21 17 49.20	.....	+19 24 40.9	....
34	b Capricorni	9	23 23.21	− 0.38	+ 4.86	61 1 51.08	46.422	+ 3.82	+1 41.5	21 23 27.69	− 2.30	−22 12 36.9	−10.4
35	β Cephei	9	27 26.21	+ 0.14	+ 4.86	328 41 44.20	47.080	+ 3.82	− 34.1	21 27 31.21	.....	+70 9 30.4	....
36	ξ Aquarii	9	32 45.79	− 0.29	+ **4.86**	47 6	......	....	. ....	21 32 50.36	.....	− 8 16	....
37	κ Capricorni	9	37 25.87	− 0.36	+ 4.86	58 7 48.08	43.490	+ 3.82	+1 30.4	21 37 30.37	− 2.31	−19 17 15.8	−11.7
38	λ Capricorni	9	41 29.57	− 0.31	+ 4.86	50 37 48.98	45.058	+ 3.82	+1 8.6	21 41 34.12	− 2.26	−11 47 30.7	−13.6
39	16 Pegasi	9	48 47.36	− 0.14	+ **4.86**	13 21 46.32	44.758	+ 3.82	+ 13.4	21 48 52.08	.....	+25 29 33.9	....
40	ν Pegasi	9	0 57.07	− 0.22	+ 4.86	34 13 48.95	46.425	+ 3.82	+ 38.4	22 1 1.71	− 2.26	+ 4 36 28.2	−17.4
41	27 Pegasi	9	5 3.99	− 0.10	+ 4.86	6 7 47.38	45.520	+ 3.82	+ 6.1	22 5 8.75	− 2.40	+32 43 22.7	−21.1
42	λ Piscis Australis	9	9 0.74	− 0.42	+ 4.86	67 1 49.42	47.520	+ 3.82	+2 12.6	22 9 5.18	− 2.49	−28 13 31.4	−10.6
43	ρ Aquarii	9	15 16.21	− 0.28	+ 4.86	47 7 49.42	44.272	+ 3.82	+1 0.8	22 15 20.79	− 2.34	− 8 17 5.2	−15.1
44	32 H. Cephei	9	20 57.39	+ 1.12	+ 4.86	313 13 43.60	45.052	+ 3.82	− 59.8	22 21 3.37	−14.39	+85 38 42.7	−18.8
45	7 Lacertæ	9	27 25.60	− 0.02	+ 4.86	349 3 46.98	43.140	+ 3.82	− 10.8	22 27 30.44	.....	+49 48 34.3	....
46	31 Cephei	9	33 28.32	+ 0.21	+ 4.86	325 41 44.80	46.162	+ 3.82	− 38.4	22 33 33.39	− 4.93	+73 9 55.0	−19.4
47	η Pegasi	9	38 36.28	− 0.11	+ **4.86**	9 5 46.60	48.040	+ 3.82	+ 9.1	22 38 41.03	.....	+29 44 22.9	....
48	μ Pegasi	9	45 28.63	− 0.13	+ **4.85**	14 43 48.58	46.305	+ 3.82	+ 14.9	22 45 33.36	.....	+24 6 54.8	....
49	Moon II, S	9	14 56.21	− 0.12	+ 4.83	17 13 48.02	54.079	+ 4.57	+ 17.8	7 15 0.92	−66.25	+21 33 54.1	....

Time.	Barom.	Att. Ther.	Ext Ther.
d h m	in.	°	°
27 20 18	29.895	61.9	61.1
20 38	......	....	60.8
20 53	......	....	60.1
21 35	29.89	60.8	....
2 49	29.835	58.6	58.0
3 19	......	....	58.0
3 41	......	....	57.4
3 50	......	....	57.2
4 14	29.825	57.7	57.0
4 30	......	....	56.8
4 52	......	....	56.9
5 13	......	....	56.8
5 30	29.82	57.2	56.9
29 20 30	29.73	64.4	62.8
20 56	29.74	63.3	62.4
21 44	29.76	62.5	61.7
22 13	29.77	62.1	61.2
22 52	29.78	61.8	61.1
7 15	29.90	58.1	58.0

Micrometer bisections are made at II, VI, except as noted below.

2, 44.	Bisections at III, IV, V.
3, 14.	Bisections at VI, VII.
4, 11, 27, 32, 43.	Bisections at I, II.
7.	Bisections at b_3, b_5, b_7, b_9.
13.	Bisections at b_1, b_3, b_5, b_7, b_9.
17, 20–23, 29, 31, 35, 46.	Bisections at III, V.
24, 49.	Bisections at II, III, IV, V, VI.
37.	Bisections at II, VII.

Notes.

3–7. Clouds.

8–24. Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
24	+16 44.7	−14 54.6	...	+ 1 50.1
49	+15 59.1	+14 48.3	...	+30 47.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	September 30, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Cygni	9	26 55.01	– 0.13	**+ 4.77**	11 6	......	....	. ....	19 26 59.68	.....	+27 46	....
2	8 Cygni	9	28 15.57	– 0.09	+ 4.80	4 35 48.18	44.918	+ 3.16	+ 4.6	19 28 20.28	– 1.34	+34 15 37.8	–22.4
3	β Sagittæ	8	36 49.26	– 0.18	**+ 4.76**	21 35 48.08	43.415	+ 3.16	+ 22.5	19 36 53.88	.....	+17 15 54.2	....
4	ρ Aquilæ	5	9 55.63	– 0.18	+ 4.80	23 55 48.45	45.362	+ 3.24	+ 25.3	20 10 0.25	– 1.72	+14 55 6.8	–18.8
5	24 Vulpeculæ	9	12 45.35	– 0.14	+ 4.80	14 27 47.75	45.168	+ 3.25	+ 14.7	20 12 50.01	.....	+24 23 22.5	....
6	ε Delphini	9	28 43.47	– 0.20	**+ 4.81**	27 51 49.38	44.120	+ 3.30	+ 30.1	20 28 48.07	.....	+10 59 29.3	....
7	α Delphini	9	35 16.39	– 0.18	**+ 4.79**	23 15 49.25	44.830	+ 3.33	+ 24.5	20 35 21.01	.....	+15 35 18.7	....
8	3 Aquarii	9	42 47.38	– 0.28	+ 4.80	44 11 50.68	46.670	+ 3.35	+ 55.3	20 42 51.90	.....	– 5 21 55.3	....
9	B. D.+51°2954	9	45 3.52	+ 0.03	+ 4.80	346 47 47.92	43.622	+ 3.36	– 13.3	20 45 8.35	– 2.01	+52 4 25.4	–24.6
10	B. D.+50°3209	9	46 36.97	+ 0.02	+ 4.80	348 25 47.05	43.102	+ 3.37	– 11.6	20 46 41.79	– 2.01	+50 26 36.3	–24.5
11	ρ Ursæ Majoris s. p.	9	54 5.72	– 0.38	+ 4.80	286 53 44.48	45.145	+ 3.39	–3 4.1	8 54 10.14	+ 0.01	+67 59 15.0	+18.6
12	ξ Cygni	8	1 30.28	– 0.02	+ 4.80	355 17 46.62	45.030	+ 3.42	– 4.6	21 1 35.06	– 2.07	+43 33 45.7	–23.7
13	98 B. Cephei	9	7 21.12	+ 0.49	+ 4.80	321 7 43.80	42.813	+ 3.44	– 45.7	21 7 26.41	.....	+77 45 19.9	....
14	4 Piscis Australis	9	12 16.18	– 0.48	+ 4.80	71 21 51.28	46.158	+ 3.46	+2 47.7	21 12 20.50	.....	–32 33 36.8	....
15	1 Pegasi	9	17 44.54	– 0.15	**+ 4.83**	19 25 48.72	46.702	+ 3.48	+ 20.2	21 17 49.19	.....	+19 24 40.6	....
16	b Capricorni	9	23 23.27	– 0.38	+ 4.80	61 1 52.02	46.350	+ 3.50	+1 42.8	21 23 27.69	– 2.28	–22 12 37.3	–10.4
17	β Cephei	9	27 26.13	+ 0.25	+ 4.80	328 41 44.68	47.058	+ 3.51	– 34.5	21 27 31.18	.....	+70 9 31.1	....
18	ξ Aquarii	9	32 45.83	– 0.28	**+ 4.80**	47 6	......	....	. ....	21 32 50.35	.....	– 8 16	....
19	13 H. Cephei	9	36 2.25	+ 0.08	+ 4.80	341 47 47.50	43.782	+ 3.54	– 18.7	21 36 7.13	– 2.65	+57 4 27.4	–23.4
20	λ Capricorni	9	41 29.64	– 0.30	+ 4.80	50 37 49.80	45.000	+ 3.56	+1 9.5	21 41 34.14	– 2.25	–11 47 30.9	–13.6
21	16 Pegasi	9	48 47.41	– 0.11	**+ 4.77**	13 21 47.72	44.712	+ 3.59	+ 13.6	21 48 52.10	.....	+25 29 33.5	....
22	ν Pegasi	8	0 57.10	– 0.21	+ 4.80	34 13 48.45	46.405	+ 3.63	+ 38.9	22 1 1.69	– 2.26	+ 4 36 28.9	–17.4
23	24 Cephei	9	8 0.46	+ 0.30	+ 4.79	326 57 45.10	47.695	+ 3.66	– 37.0	22 8 5.55	.....	+71 53 18.5	....
24	ρ Aquarii	9	15 16.24	– 0.28	+ 4.79	47 7 49.32	44.242	+ 3.68	+1 1.6	22 15 20.75	– 2.33	– 8 17 5.3	–15.1
	September 30, Hl.												
25	57 B. Ursæ Minoris s. p.	9	0 21.61	– 3.22	+ 4.71	306 27 46.05	46.740	+ 3.97	–1 18.2	15 6 23.10	.....	+87 35 38.9	....
26	ζ Ursæ Minoris s. p.	9	47 12.51	– 0.69	+ 4.71	296 57 45.82	46.860	+ 4.04	–1 53.6	15 47 16.53	.....	+78 5 6.1	....
27	τ⁹ Eridani	9	55 55.16	– 0.36	+ 4.71	63 5 51.38	45.620	+ 4.07	+1 54.6	3 55 59.51	– 1.87	–24 16 32.2	–15.5
28	151 H¹. Cephei	9	7 17.56	+ 1.58	+ 4.71	313 33 45.45	45.963	+ 4.12	–1 1.1	4 7 23.85	.....	+85 18 21.4	....
29	1 Camelopardalis	9	24 38.03	+ 0.09	+ 4.71	345 9 46.78	43.725	+ 4.19	– 15.4	4 24 42.83	– 3.15	+53 42 25.3	+ 7.1
30	ν Eridani	9	31 37.69	– 0.22	**+ 4.68**	42 23 50.62	42.720	+ 4.22	+ 53.4	4 31 42.18	.....	– 3 32 24.2	....
31	τ Tauri	9	36 37.22	– 0.09	**+ 4.75**	16 3 49.05	46.622	+ 4.24	+ 16.9	4 36 41.84	.....	+22 46 44.6	....
32	π⁴ Orioris	9	46 12.41	– 0.18	+ 4.71	33 23 50.12	45.242	+ 4.28	+ 38.6	4 46 16.94	– 1.87	+ 5 26 53.4	– 6.7
33	ι Aurigæ	9	50 53.75	– 0.04	+ 4.70	5 49 48.32	46.200	+ 4.30	+ 6.0	4 50 58.41	.....	+33 1 5.8	....
34	11 Orionis	9	59 12.62	– 0.13	**+ 4.70**	23 33 49.48	46.782	+ 4.33	+ 25.6	4 59 17.19	.....	+15 16 31.8	....
35	λ Eridani	9	4 38.96	– 0.25	+ 4.70	47 41 50.88	46.998	+ 4.36	+1 4.4	5 4 43.41	– 1.64	– 8 52 13.4	–10.2
36	τ Orionis	9	13 2.61	– 0.24	**+ 4.70**	45 47 51.92	42.682	+ 4.39	+1 0.2	5 13 7.07	.....	– 6 56 31.6	....
37	o Orionis	9	16 58.01	– 0.21	+ 4.70	39 19 50.00	42.748	+ 4.40	+ 48.0	5 17 2.50	– 1.66	– 0 28 19.0	– 7.3
38	β Leporis	9	24 12.75	– 0.34	+ 4.70	59 39 49.92	44.380	+ 4.43	+1 39.8	5 24 17.11	– 1.43	–20 49 48.0	–12.7
39	δ Orionis	9	27 12.46	– 0.21	**+ 4.68**	39 11 50.55	47.040	+ 4.45	+ 47.8	5 27 16.95	.....	– 0 21 57.5	....
40	ζ Orionis	9	36 1.02	– 0.22	**+ 4.73**	40 49 49.58	45.410	+ 4.48	+ 50.6	5 36 5.50	.....	– 1 59 22.1	....
41	γ Leporis	9	40 32.07	– 0.35	+ 4.70	61 17 52.88	45.812	+ 4.50	+1 46.8	5 40 36.42	– 1.33	–22 28 30.7	–12.7
42	α Orionis	9	50 5.23	– 0.17	**+ 4.76**	31 27 49.48	43.868	+ 4.54	+ 35.9	5 50 9.76	.....	+ 7 23 27.9	....
43	μ Orionis	9	57 13.01	– 0.16	+ 4.70	29 11 49.68	45.505	+ 4.57	+ 32.8	5 57 17.55	– 1.54	+ 9 38 53.3	– 2.4
44	74 G. Columbæ	9	2 27.61	– 0.42	+ 4.70	68 33 52.62	44.455	+ 4.59	+2 28.6	6 2 31.89	– 1.13	–29 44 41.3	–13.7
45	Moon II	9	7 29.41	– 0.09	+ 4.71	18 2	......	....	. ....	8 7 34.03	–65.88	.. ..	....
	October 1, Hl.												
46	Sun I, S.	9	25 51.69	– 0.20	+ 4.69	42 1 51.35	45.195	+ 4.33	+ 51.6	12 25 56.18	+64.28	– 3 11 19.9	....
47	Sun II, N.	9	28 0.26	– 0.20	+ 4.69	41 29 50.80	45.255	+ 4.33	+ 50.6	12 28 4.75	–64.29	– 2 39 19.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 19 21	29.95	63.5	62.5
19 40	......	....	61.8
20 4	29.97	62.7	61.2
20 38	29.97	61.8	60.9
21 46	29.98	59.9	59.0
22 20	29.98	59.1	58.1
2 46	29.99	53.5	51.2
3 12	......	....	50.0
3 40	......	....	49.0
3 54	......	....	48.9
4 14	30.00	50.7	48.6
4 28	......	....	47.9
4 53	......	....	47.0
5 8	......	....	47.0
5 12	30.00	49.4	....
5 20	......	....	47.0
5 45	......	....	46.9
6 7	30.01	48.3	46.1
1 12 28	30.045	59.0	58.9

Micrometer bisections are made at II, VI, except as noted below.

3, 16, 47.	Bisections at VI, VII.
4, 5, 8, 46.	Bisections at I, II.
6.	Bisections at I, II, VI.
9, 17, 19, 23.	Bisections at III, V.
11.	Bisections at IV, VI.
13.	Bisections at II, IV, VI.
25, 28.	Bisections at III, IV, V.
35, 44.	Bisections at II, VII.

Notes.

4, 5. Clouds.

44. Very unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
46	+ 5.9	+16 0.2	...	+16 6.1
47	+ 5.8	–16 0.1	...	–15 54.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, C	9	45 15.27	− 0.20	+ 4.69	42 23 51.55	46.139	+ 4.33	+ 52.2	12 45 19.76	+ 0.35	− 3 33 42.1	....
2	Venus II	9	45 15.96	− 0.20	+ 4.69	... .	......	....	. ....	12 45 20.45	− 0.34	.. ..	....
3	Mercury C, C	9	31 11.73	− 0.24	+ 4.69	49 13 53.00	45.128	+ 3.20	+1 6.1	13 31 16.18	+ 0.02	−10 23 33.2	....
4	θ Aquilæ	9	6 27.79	− 0.20	+ 4.62	39 56	......	....	. ....	20 6 32.27	.....	− 1 5	....
5	68 Draconis	9	10 0.46	+ 0.17	+ 4.68	337 3 46.35	44.732	+ 2.99	− 24.2	20 10 5.31	− 1.65	+61 48 12.6	−25.5
6	33 Cygni	9	11 11.25	+ 0.11	+ 4.68	342 35 49.22	41.260	+ 3.00	− 18.0	20 11 16.04	.....	+56 17 22.7	....
7	ρ Capricorni	9	23 31.12	− 0.31	+ 4.64	56 58	......	....	. ....	20 23 35.49	.....	−18 7	....
8	ε Delphini	9	28 43.52	− 0.14	+ 4.68	27 52	......	....	. ....	20 28 48.06	.....	+10 59	....
9	6 H. Cephei	9	42 59.93	+ 0.12	+ 4.68	341 37 48.25	42.015	+ 3.08	− 19.1	20 43 4.73	− 2.02	+57 15 7.7	−25.1
10	ζ Cygni	9	8 56.08	− 0.05	+ 4.68	8 59 49.38	46.160	+ 3.15	+ 9.2	21 9 0.71	.....	+29 51 3.8	....
11	B. A. C. 7504	9	18 17.33	+ 2.28	+ 4.68	312 13 46.58	42.898	+ 3.18	−1 3.3	21 18 24.29	.....	+86 39 33.0	....
12	72 Cygni	9	30 56.08	− 0.01	+ 4.68	0 43 49.08	45.768	+ 3.21	+ 0.8	21 31 0.75	− 2.22	+38 7 21.2	−22.8
13	13 H. Cephei	9	36 2.39	+ 0.12	+ 4.68	341 47 49.60	43.730	+ 3.23	− 18.9	21 36 7.19	− 2.62	+57 4 26.8	−23.7
14	20 Cephei	9	2 9.28	+ 0.18	+ 4.68	336 31 46.48	44.622	+ 3.30	− 25.0	22 2 14.14	.....	+62 20 15.5	....
15	ζ Cephei	9	7 35.92	+ 0.13	+ 4.68	341 7 48.42	42.642	+ 3.31	− 19.7	22 7 40.73	.....	+57 44 53.6	....
16	θ Aquarii	9	11 53.56	− 0.24	+ 4.64	47 3 52.08	48.030	+ 3.32	+1 2.2	22 11 58.00	.....	− 8 14 34.9	....
17	47 Aquarii	9	16 26.65	− 0.34	+ 4.68	60 53 53.65	43.842	+ 3.33	+1 43.7	22 16 30.99	− 2.42	−22 3 42.4	−12.1
18	π Aquarii	9	20 29.52	− 0.19	+ 4.66	37 55 52.55	45.730	+ 3.35	+ 45.1	22 20 34.01	.....	+ 0 54 34.2	....
	October 1, P.												
19	τ^7 Eridani	9	43 37.28	− 0.34	+ 4.66	62 59 51.58	42.922	+ 4.36	+1 53.9	3 43 41.60	− 1.95	−24 9 30.3	−15.6
20	9 H. Camelopardalis	9	49 11.13	+ 0.20	+ 4.66	338 1 47.85	44.925	+ 4.36	− 23.4	3 49 15.99	.....	+60 50 4.8	....
21	γ Eridani	9	53 39.00	− 0.26	+ 4.67	52 35 50.05	46.355	+ 4.36	+1 16.2	3 53 43.40	.....	−13 46 9.6	....
22	ν Tauri	9	58 10.11	− 0.14	+ 4.67	33 5 51.18	47.488	+ 4.36	+ 38.1	3 58 14.63	.....	+ 5 44 1.4	....
23	43 Tauri	9	3 42.50	− 0.08	+ 4.66	19 29 50.38	43.430	+ 4.36	+ 20.7	4 3 47.08	.....	+19 21 52.3	....
24	μ Persei	9	8 2.19	+ 0.10	+ 4.66	350 41 48.32	43.645	+ 4.36	− 9.5	4 8 6.95	− 3.03	+48 10 19.7	+ 4.1
25	19 Ursæ Minoris s. P.	9	13 19.62	− 0.61	+ 4.66	294 59 46.55	46.997	+ 4.36	−2 4.1	16 13 23.67	.....	+76 7 0.4	....
26	δ Tauri	9	17 31.83	− 0.08	+ 4.66	21 31 50.82	44.210	+ 4.36	+ 23.1	4 17 36.41	.....	+17 19 31.8	....
27	υ^5 Eridani	9	20 30.12	− 0.43	+ 4.66	73 1 53.10	45.250	+ 4.36	+3 9.9	4 20 34.35	.....	−34 13 41.0	....
28	m Persei	9	26 50.13	+ 0.06	+ 4.66	355 59 49.02	44.615	+ 4.36	− 4.0	4 26 54.85	.....	+42 51 51.3	....
29	α Tauri	9	30 32.52	− 0.09	+ 4.70	22 31 60.22	44.500	+ 4.36	+ 24.3	4 30 37.09	.....	+16 19 24.4	....
30	70 B. Ursæ Minoris s. P.	8	34 29.44	− 0.69	+ 4.66	296 31 46.62	44.580	+ 4.36	−1 56.2	16 34 33.41	+ 4.31	+77 38 13.1	−16.9
31	4 Camelopardalis	9	40 13.66	+ 0.17	+ 4.66	342 15 47.95	46.565	+ 4.36	− 18.6	4 40 18.49	.....	+56 35 22.4	....
32	9 Camelopardalis	9	44 47.01	+ 0.29	+ 4.66	332 39 46.52	48.342	+ 4.36	− 30.1	4 44 51.96	.....	+66 10 54.7	....
33	π^5 Orionis	9	49 21.68	− 0.15	+ 4.74	36 33 51.35	43.550	+ 4.36	+ 43.4	4 49 26.19	.....	+ 2 17 26.0	....
34	B. D.+40°1135	9	55 17.38	+ 0.06	+ 4.66	357 47 50.20	44.485	+ 4.36	− 2.2	4 55 22.10	− 2.48	+41 3 51.3	+ 5.2
35	η Aurigæ	9	59 57.27	+ 0.06	+ 4.66	357 43 49.90	48.275	+ 4.36	− 2.2	5 0 1.99	.....	+41 6 25.0	....
36	B. D.+41°1091	9	3 55.45	+ 0.06	+ 4.66	357 41 49.50	43.722	+ 4.36	− 2.3	5 4 0.17	− 2.42	+41 10 9.6	+ 5.7
37	ζ Draconis s. P.	9	8 25.31	− 0.33	+ 4.66	284 45 45.25	43.490	+ 4.36	−3 37.6	17 8 29.64	.....	+65 50 5.5	....
38	ο Columbæ	9	14 5.04	− 0.43	+ 4.66	73 47 53.30	42.790	+ 4.36	+3 19.4	5 14 9.27	.....	−34 58 54.6	....
39	25 Orionis	9	19 52.29	− 0.15	+ 4.66	37 5 50.85	42.615	+ 4.36	+ 44.3	5 19 56.80	− 1.69	+ 1 45 46.9	− 6.5
40	18 Camelopardalis	9	24 33.82	+ 0.19	+ 4.66	341 41 48.98	47.220	+ 4.36	− 19.3	5 24 38.67	− 2.86	+57 9 7.1	+11.8
41	158 H^1. Cephei	9	32 10.83	+ 1.73	+ 4.66	313 43 46.80	44.772	+ 4.36	−1 1.0	5 32 17.22	.....	+85 8 46.7	....
42	ο Aurigæ	9	38 39.36	+ 0.13	+ 4.65	349 3 49.20	47.262	+ 4.36	− 11.2	5 38 44.14	.....	+49 46 57.9	....
43	κ Orionis	9	43 17.76	− 0.21	+ 4.68	48 31 52.80	46.302	+ 4.36	+1 6.3	5 43 22.20	.....	− 9 42 1.2	....
44	α Orionis	9	50 5.29	− 0.11	+ 4.66	31 27 51.32	43.872	+ 4.36	+ 35.9	5 50 9.83	.....	+ 7 23 26.3	....
45	η Leporis	9	52 7.12	− 0.24	+ 4.65	53 1 50.80	42.982	+ 4.36	+1 17.8	5 52 11.53	− 1.37	−14 10 54.8	−10.2
46	μ Orionis	9	57 13.02	− 0.10	+ 4.65	29 11 49.12	45.515	+ 4.36	+ 32.8	5 57 17.57	− 1.57	+ 9 38 53.7	− 2.5
47	Moon II	9	59 22.77	− 0.02	+ 4.63	20 6	......	....	. ....	8 59 27.38	−65.30	.. ..	....
	October 2, P.												
48	Sun I, N	9	29 29.10	− 0.17	+ 4.61	41 51 51.82	48.565	+ 4.03	+ 50.8	12 29 33.54	+64.31	− 3 2 36.3	....
49	Sun II, S	9	31 37.72	− 0.17	+ 4.61	42 23 52.32	48.652	+ 4.03	+ 51.8	12 31 42.16	−64.31	− 3 34 39.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 12 45	30.04	59.3	59.0
12 50	......	....	59.0
13 31	30.04	60.9	60.4
19 53	29.995	56.7	56.0
20 14	......	....	55.6
20 47	......	....	54.4
21 13	......	....	54.1
21 40	29.99	54.3	....
21 56	......	....	53.1
22 26	30.00	53.8	52.6
3 41	29.965	49.9	49.1
4 0	......	....	48.1
4 21	......	....	47.0
4 41	......	....	46.9
5 13	29.96	47.5	46.2
5 44	......	....	46.0
5 58	......	....	46.0
6 12	29.965	46.8	45.9
2 12 32	30.00	63.1	63.0

Micrometer bisections are made at II, VI, except as noted below.

1, 3.	Bisections at I, II, VI, VII.
6, 17, 38, 46, 49.	Bisections at VI, VII.
10, 26, 44, 48.	Bisections at I, II.
11, 25, 30.	Bisections at III, IV, V.
16, 18.	Bisections at II, VII.
20, 24, 28, 31, 32, 34–36, 40, 42.	Bisections at III, V.
37.	Bisections at III, IV.
41.	Bisections at b_1, b_3, b_5, b_8, b_9.

Notes.

12, 13. Clouds.
14. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 3.4	.. ...	0.0	+ 3.4
3	+ 5.1	.. ...	− 0.1	+ 5.0
48	+ 5.8	−16 1.5	...	−15 55.7
49	+ 5.9	+16 1.6	...	+16 7.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, C.	9	49 49.80	− 0.16	+ 4.61	42 54 1.18	46.499	+ 4.03	+ 52.6	12 49 54.25	+ 0.42	− 4 4 0.1	....
2	Venus II.	9	49 50.64	− 0.16	+ 4.61	... .	......	....	. ....	12 49 55.09	− 0.42	.. ..	....
3	Mercury I, C.	9	36 39.37	− 0.17	+ 4.61	49 51 53.20	48.735	+ 3.56	+1 6.9	13 36 43.81	+ 0.18	−11 2 57.0	....
4	θ Aquilæ.	9	6 27.83	− 0.20	+ **4.56**	39 56	......	....	. ....	20 6 32.20	.....	− 1 5	....
5	68 Draconis.	9	10 0.51	+ 0.18	+ 4.57	337 3 47.10	44.695	+ 3.02	− 24.0	20 10 5.26	− 1.60	+61 48 12.6	−25.6
6	33 Cygni.	9	11 11.18	+ 0.12	+ 4.57	342 33 48.50	46.562	+ 3.02	− 17.8	20 11 15.87	.....	+56 17 22.0	....
7	ε Delphini.	9	28 43.66	− 0.14	+ **4.53**	27 52	......	....	. ....	20 28 48.09	.....	+10 59	....
8	6 H. Cephei.	9	42 59.98	+ 0.13	+ 4.57	341 37 48.00	42.030	+ 3.02	− 18.9	20 43 4.68	− 1.99	+57 15 7.6	−25.2
9	σ² Ursæ Majoris s. p.	8	2 8.99	− 0.36	+ 4.57	286 25 45.48	43.278	+ 3.02	−3 10.0	9 2 13.20	.....	+67 30 26.9	....
10	ζ Cygni.	9	8 56.18	− 0.05	+ **4.56**	8 59 49.10	46.195	+ 3.02	+ 9.1	21 9 0.70	.....	+29 51 3.3	....
11	α Equulei.	9	11 8.23	− 0.17	+ **4.51**	33 57 52.32	47.435	+ 3.02	+ 38.5	21 11 12.63	.....	+ 4 52 2.4	....
12	B. A. C. 7504.	8	18 17.44	+ 2.30	+ 4.57	312 13 47.52	42.845	+ 3.02	−1 2.6	21 18 24.31	.....	+86 39 32.9	....
13	d Ursæ Majoris s. p.	9	26 11.70	− 0.41	+ 4.57	289 7 46.22	46.333	+ 3.02	−2 42.2	9 26 15.86	.....	+70 14 5.3	....
14	72 Cygni.	9	30 56.22	0.00	+ 4.57	0 43 49.08	45.768	+ 3.02	+ 0.8	21 31 0.79	− 2.20	+38 7 21.4	−23.0
15	13 H. Cephei.	9	36 2.45	+ 0.13	+ 4.57	341 47 49.45	43.725	+ 3.02	− 18.7	21 36 7.15	− 2.59	+57 4 27.2	−23.9
16	20 Cephei.	9	2 9.31	+ 0.18	+ 4.56	336 31 46.85	44.600	+ 3.02	− 24.7	22 2 14.05	.....	+62 20 15.8	....
17	ζ Cephei.	9	7 35.91	+ 0.13	+ 4.56	341 7 49.38	42.600	+ 3.02	− 19.5	22 7 40.60	.....	+57 44 53.8	....
18	θ Aquarii.	9	11 53.68	− 0.24	+ **4.52**	47 3 52.02	48.080	+ 3.02	+1 1.5	22 11 58.00	.....	− 8 14 35.0	....
19	47 Aquarii.	9	16 26.75	− 0.34	+ 4.56	60 53 51.80	43.987	+ 3.02	+1 42.6	22 16 30.97	− 2.42	−22 3 42.3	−12.0
20	π Aquarii.	9	20 29.64	− 0.19	+ **4.53**	37 55 51.90	45.820	+ 3.02	+ 44.6	22 20 34.01	.....	+ 0 54 33.7	....
21	σ Aquarii.	9	25 41.72	− 0.26	+ **4.53**	49 59 51.32	43.740	+ 3.02	+1 8.2	22 25 46.02	.....	−11 9 1.8	....
	October 2, M.												
22	γ Eridani.	9	53 39.03	− 0.25	+ **4.65**	52 35 49.62	46.460	+ 3.84	+1 15.2	3 53 43.38	.....	−13 46 10.0	....
23	ν Tauri.	9	58 10.16	− 0.14	+ **4.65**	33 5 49.75	47.642	+ 3.84	+ 37.5	3 58 14.62	.....	+ 5 44 0.5	....
24	151 H¹. Cephei.	9	7 18.56	+ 1.88	+ 4.60	313 33 46.48	45.852	+ 3.84	−1 0.2	4 7 25.04	.....	+85 18 22.0	....
25	19 Ursæ Minoris s. p.	9	13 19.66	− 0.66	+ 4.60	294 59 46.08	46.950	+ 3.84	−2 2.2	16 13 23.60	.....	+76 7 0.2	....
26	δ Tauri.	9	17 31.95	− 0.08	+ **4.56**	21 31 49.55	44.305	+ 3.84	+ 22.7	4 17 36.47	.....	+17 19 31.9	....
27	υ⁵ Eridani.	9	20 30.19	− 0.43	+ 4.60	73 1 52.82	45.528	+ 3.84	+3 6.8	4 20 34.36	.....	−34 13 43.5	....
28	m Persei.	9	26 50.26	+ 0.07	+ 4.60	355 59 48.55	44.642	+ 3.84	− 4.0	4 26 54.93	.....	+42 51 51.6	....
29	α Tauri.	9	30 32.61	− 0.09	+ **4.63**	22 31 50.75	44.555	+ 3.84	+ 23.9	4 30 37.12	.....	+16 19 23.6	....
30	70 B. Ursæ Minoris s. p.	9	34 29.39	− 0.75	+ 4.60	296 31 45.82	44.525	+ 3.84	−1 54.3	16 34 33.24	+ 4.41	+77 38 12.4	−16.7
31	4 Camelopardalis.	9	40 13.66	+ 0.18	+ 4.60	342 15 47.65	46.540	+ 3.84	− 18.3	4 40 18.44	.....	+56 35 23.5	....
32	[illegible] Camelopardalis.	9	44 47.01	+ 0.30	+ 4.60	332 39 46.45	48.320	+ 3.84	− 29.6	4 44 51.91	.....	+66 10 55.3	....
33	π⁵ Orionis.	9	49 21.78	− 0.16	+ **4.68**	36 33 50.32	43.692	+ 3.84	+ 42.7	4 49 26.22	.....	+ 2 17 25.0	....
34	B. D.+40°1135.	9	55 17.48	+ 0.06	+ 4.60	357 47 49.15	44.522	+ 3.84	− 2.2	4 55 22.14	− 2.51	+41 3 51.9	+ 5.1
35	η Aurigæ.	9	59 57.27	+ 0.06	+ 4.60	357 43 49.15	48.292	+ 3.84	− 2.2	5 0 1.93	.....	+41 6 25.8	....
36	B. D.+41°1091.	9	3 55.44	+ 0.06	+ 4.60	357 41 50.00	43.682	+ 3.84	− 2.3	5 4 0.10	− 2.46	+41 10 10.4	+ 5.6
37	ζ Draconis s. p.	9	8 25.42	− 0.37	+ 4.60	284 45 45.18	43.318	+ 3.84	−3 34.0	17 8 29.65	.....	+65 50 4.5	....
38	ο Columbæ.	9	14 5.08	− 0.43	+ 4.60	73 47 52.68	43.070	+ 3.84	+3 16.0	5 14 9.25	.....	−34 58 56.4	....
39	25 Orionis.	9	19 52.48	− 0.16	+ 4.60	37 5 51.02	42.678	+ 3.84	+ 43.6	5 19 56.92	− 1.72	+ 1 45 46.5	− 6.6
40	18 Camelopardalis.	9	24 33.82	+ 0.18	+ 4.60	341 41 47.72	47.250	+ 3.84	− 18.9	5 24 38.60	− 2.91	+57 9 7.8	+11.7
41	158 H¹. Cephei.	9	32 11.56	+ 1.82	+ 4.60	313 43 45.18	44.775	+ 3.84	−1 0.0	5 32 17.98	.....	+85 8 47.7	....
42	ω Draconis s. p.	9	37 24.27	− 0.42	+ 4.60	287 41 47.12	47.843	+ 3.84	−2 57.6	17 37 28.45	.....	+68 48 26.3	....
43	κ Orionis.	9	43 17.86	− 0.22	+ **4.62**	48 31 52.30	46.415	+ 3.84	+1 5.2	5 43 22.24	.....	− 9 42 1.7	....
44	α Orionis.	9	50 5.36	− 0.13	+ **4.64**	31 28	......	....	. ....	5 50 9.83	.....	+ 7 23	....
45	η Leporis.	9	52 7.22	− 0.25	+ 4.60	53 1 49.85	43.120	+ 3.84	+1 16.5	5 52 11.57	− 1.40	−14 10 55.2	−10.2
46	μ Orionis.	9	57 13.08	− 0.12	+ 4.60	29 11 50.65	45.570	+ 3.84	+ 32.2	5 57 17.56	− 1.60	+ 9 38 52.2	− 2.5
47	δ Ursæ Minoris s. p.	7	2 2.00	− 2.70	+ 4.60	305 29 44.40	45.690	+ 3.84	−1 20.3	18 2 3.90	.....	+86 37 11.6	....
48	Groombridge 1004.	9	11 15.83	+ 2.80	+ 4.60	312 7 46.60	44.008	+ 3.84	−1 3.4	6 11 23.23	−13.73	+86 45 7.1	+21.0
	October 3, P.												
49	Sun I, S.	9	33 6.81	− 0.26	+ 4.51	42 47 50.30	46.810	+ 3.48	+ 51.3	12 33 11.06	+64.36	− 3 57 54.6	....
50	Sun II, N.	9	35 15.54	− 0.26	+ 4.51	42 15 50.22	46.812	+ 3.48	+ 50.4	12 35 19.79	−64.37	− 3 25 53.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 12 51	29.995	63.5	63.9
13 37	29.98	64.5	65.0
20 4	29.94	61.0	59.9
20 21	......	....	59.5
20 47	......	....	59.0
21 4	[illegible]	59.6	58.7
21 32	......	....	58.0
21 37	......	....	58.0
22 0	......	....	57.1
22 15	......	....	57.0
22 27	29.93	58.0	57.0
3 50	29.91	55.2	54.0
4 3	......	....	54.0
4 37	29.91	54.9	54.1
5 12	......	....	53.5
5 23	29.91	54.7	....
6 17	29.90	53.7	[illegible]
3 12 35	[illegible]	71.0	73.0

Micrometer bisections are made at II, VI, except as noted below.

1, 3.	Bisections at I, II, VI, VII.
5, 26, 49.	Bisections at I, II.
6, 50.	Bisections at VI, VII.
8, 15–17, 31, 32.	Bisections at III, V.
9, 13.	Bisections at II, III, V.
11.	Bisections at II, VII.
12.	Bisections at b_3, b_5, b_7, b_9.
19, 27, 38.	Bisections at II, VI, VII.
24, 25, 30, 37, 41, 42, 48.	Bisections at III, IV, V.
40.	Bisections at IV, V.
47.	Bisections at b_3, b_5, b_7.

Note.

8. Micrometer reading increased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 3.4	.. ...	0.0	+ 3.4
3	+ 5.2	.. ...	− 0.1	+ 5.1
49	+ 5.9	+16 0.6	...	+16 6.5
50	+ 5.9	−16 0.6	...	−15 54.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	θ Aquilæ	9	6 27.99	− 0.28	+ **4.46**	39 56	......	....	.....	20 6 32.19	.....	− 1 5	....
2	30 Cygni	9	10 19.85	− 0.12	+ 4.48	352 19 44.65	43.560	+ 2.63	− 7.4	20 10 24.21	− 1.56	+46 32 24.9	−24.8
3	κ Cephei	9	11 59.50	0.00	+ 4.48	321 25 44.35	45.445	+ 2.63	− 44.1	20 12 3.98	.....	+77 26 18.7	....
4	ρ Capricorni	9	23 31.28	− 0.36	+ **4.51**	56 58	......	....	.....	20 23 35.40	.....	−18 7	....
5	ε Delphini	9	28 43.73	− 0.24	+ **4.54**	27 52	......	....	.....	20 28 47.97	.....	+10 59	....
6	6 H. Cephei	9	43 0.26	− 0.10	+ 4.47	341 37 45.72	42.122	+ 2.71	− 18.4	20 43 4.63	− 1.95	+57 15 7.6	−25.4
7	σ² Ursæ Majoris s. p.	9	2 8.94	− 0.11	+ 4.47	286 25 45.65	43.078	+ 2.76	−3 5.4	9 2 13.30	.....	+67 30 27.1	....
8	ζ Cygni	9	8 56.29	− 0.17	+ **4.56**	9 0	......	....	.....	21 9 0.59	.....	+29 51	....
9	d Ursæ Majoris s. p.	9	26 11.61	− 0.12	+ 4.47	289 7 45.75	46.180	+ 2.83	−2 38.3	9 26 15.96	.....	+70 14 5.2	....
10	ξ Aquarii	9	32 46.23	− 0.31	+ **4.40**	47 6	......	....	.....	21 32 50.39	.....	− 8 16	....
11	20 Cephei	9	2 9.58	− 0.08	+ 4.47	336 31 44.52	44.700	+ 2.92	− 24.1	22 2 13.97	.....	+62 20 15.4	....
12	ζ Cephei	9	7 36.25	− 0.10	+ 4.47	341 7 46.88	42.688	+ 2.94	− 19.0	22 7 40.62	.....	+57 44 53.9	....
13	θ Aquarii	9	11 53.83	− 0.31	+ **4.42**	47 3 50.88	48.228	+ 2.95	+1 0.0	22 11 57.99	.....	− 8 14 35.6	....
14	47 Aquarii	9	16 26.89	− 0.39	+ 4.47	60 53 51.80	44.137	+ 2.96	+1 39.9	22 16 30.97	− 2.41	−22 3 43.0	−11.9
15	π Aquarii	9	20 29.82	− 0.27	+ **4.42**	37 55 49.85	45.958	+ 2.97	+ 43.5	22 20 34.02	.....	+ 0 54 33.7	....
	October 4, P.												
16	γ Tauri	9	14 28.04	− 0.18	+ **4.39**	23 25 49.12	47.555	+ 3.56	+ 24.4	4 14 32.24	.....	+15 24 16.3	....
17	η Ursæ Minoris s. p.	9	20 4.41	− 0.30	+ 4.38	294 51 45.15	45.490	+ 3.56	−1 59.9	16 20 8.49	.....	+75 58 27.2	....
18	80 Tauri	9	24 48.39	− 0.18	+ 4.38	23 25 48.88	42.592	+ 3.56	+ 24.3	4 24 52.59	− 2.21	+15 26 10.2	− 4.9
19	α Tauri	9	30 33.04	− 0.18	+ **4.35**	22 31 48.82	44.605	+ 3.56	+ 23.3	4 30 37.24	.....	+16 19 25.3	....
20	35 B. Camelopardalis	9	36 20.24	+ 0.18	+ 4.38	323 5 45.15	45.678	+ 3.56	− 42.0	4 36 24.80	.....	+75 46 9.6	....
21	4 Camelopardalis	9	40 14.28	− 0.01	+ 4.38	342 15 47.70	46.532	+ 3.56	− 17.9	4 40 18.65	.....	+56 35 23.4	....
22	9 Camelopardalis	9	44 47.79	+ 0.05	+ 4.38	332 39 45.78	48.342	+ 3.56	− 28.9	4 44 52.22	.....	+66 10 55.0	....
23	π¹ Orionis	9	49 44.41	− 0.20	+ 4.38	28 49 48.88	47.295	+ 3.56	+ 31.0	4 49 48.59	− 2.02	+10 0 15.9	− 5.3
24	ζ Aurigæ	9	55 56.93	− 0.08	+ 4.38	357 55 47.50	43.418	+ 3.56	− 2.0	4 56 1.23	.....	+40 56 19.0	....
25	η Aurigæ	9	59 57.77	− 0.07	+ 4.38	357 43 49.28	48.312	+ 3.56	− 2.1	5 0 2.08	.....	+41 6 25.5	....
26	λ Eridani	9	4 39.36	− 0.29	+ 4.38	47 41 50.98	47.198	+ 3.56	+1 1.9	5 4 43.45	− 1.75	− 8 52 14.7	−10.2
27	τ Orionis	9	13 3.08	− 0.28	+ **4.39**	45 47 50.58	42.870	+ 3.56	+ 57.9	5 13 7.18	.....	− 6 56 31.4	....
28	o Orionis	9	16 58.50	− 0.25	+ 4.38	39 19 50.42	42.872	+ 3.56	+ 46.2	5 17 2.63	− 1.77	− 0 28 19.6	− 7.4
29	17 Camelopardalis	9	21 22.17	+ 0.05	+ 4.38	335 51 46.62	47.445	+ 3.56	− 25.1	5 21 26.60	.....	+62 59 10.9	....
30	74 B. Camelopardalis	9	27 17.49	+ 0.22	+ 4.38	323 53 45.78	44.145	+ 3.56	− 41.0	5 27 22.09	.....	+74 58 43.0	....
31	ζ Tauri	9	32 2.92	− 0.16	+ **4.39**	17 45 49.40	45.485	+ 3.56	+ 18.1	5 32 7.14	.....	+21 5 9.8	....
32	α Columbæ	9	36 14.37	− 0.48	+ 4.38	72 55 52.18	44.283	+ 3.56	+3 2.0	5 36 18.27	.....	−34 7 9.3	....
33	γ Leporis	9	40 32.64	− 0.38	+ 4.37	61 17 53.30	46.025	+ 3.56	+1 42.8	5 40 36.63	− 1.44	−22 28 31.1	−12.6
34	α Orionis	9	50 5.80	− 0.21	+ **4.34**	31 27 48.88	44.012	+ 3.56	+ 34.6	5 50 9.96	.....	+ 7 23 27.7	....
35	35 Draconis s. p.	9	53 30.09	− 0.45	+ 4.37	295 51 45.00	46.492	+ 3.56	−1 55.4	17 53 34.01	.....	+76 58 55.2	....
36	1 Geminorum	9	58 25.61	− 0.14	+ **4.40**	15 35 48.68	43.200	+ 3.56	+ 15.8	5 58 29.84	.....	+23 16 5.0	....
37	Groombridge 1004	9	11 18.56	+ 1.61	+ 4.37	312 7 46.28	43.983	+ 3.56	−1 2.2	6 11 24.54	−14.60	+86 45 7.2	+20.9
38	β Canis Majoris	9	18 33.53	− 0.35	+ **4.37**	56 43 49.88	46.627	+ 3.56	+1 26.1	6 18 37.55	.....	−17 54 24.8	....
39	B. D.+61°889	9	22 51.08	+ 0.07	+ 4.37	337 31 48.02	47.945	+ 3.56	− 23.3	6 22 55.52	− 2.57	+61 18 56.3	+15.8
	October 5, P.												
40	Sun I, N	9	40 23.16	− 0.22	+ 4.36	43 1 51.95	47.705	+ 3.57	+ 52.1	12 40 27.30	+64.46	− 4 12 17.6	....
41	Sun II, S	9	42 32.08	− 0.22	+ 4.36	43 33 52.05	47.808	+ 3.57	+ 53.1	12 42 36.22	−64.46	− 4 44 20.8	....
42	Venus I, C	9	3 35.99	− 0.22	+ 4.36	44 23 52.50	48.020	+ 3.57	+ 54.6	13 3 40.13	+ 0.40	− 5 34 27.7	....
43	Venus II	9	3 36.79	− 0.22	+ 4.36	... .	......	....	.....	13 3 40.93	− 0.40	.. ..	....
44	Mercury I, C	8	52 51.55	− 0.27	+ 4.36	51 45 51.10	48.358	+ 3.49	+1 10.6	13 52 55.64	+ 0.18	−12 56 49.9	....
45	θ Aquilæ	9	6 28.05	− 0.24	+ **4.33**	39 56	......	....	.....	20 6 32.16	.....	− 1 5	....
46	33 Cygni	9	11 11.41	+ 0.02	+ 4.35	342 33 47.92	46.585	+ 3.18	− 17.6	20 11 15.78	.....	+56 17 22.2	....
47	24 Vulpeculæ	9	12 45.76	− 0.13	+ 4.35	14 27 49.75	45.040	+ 3.19	+ 14.6	20 12 49.98	.....	+24 23 23.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 20 4	29.815	70.1	70.2
20 40	......	....	69.5
20 49	......	....	69.1
21 3	......	....	68.8
21 22	29.80	68.2	68.0
21 43	......	....	67.4
22 0	......	....	67.2
22 12	......	....	67.2
22 21	29.78	67.6	67.1
4 4 12	29.52	61.8	60.5
4 29	......	....	59.9
5 9	......	....	58.5
5 33	......	....	57.8
5 37	29.55	59.0	....
5 54	......	....	57.3
6 7	......	....	57.0
6 24	29.56	58.0	56.5
5 12 43	29.60	65.1	64.5
13 4	29.605	65.0	64.9
13 55	29.60	66.0	65.5
20 4	29.66	60.5	59.2
20 15	......	....	59.0

Micrometer bisections are made at II, VI, except as noted below.

2, 34, 40.	Bisections at I, II.
3, 6, 11, 12, 20, 22, 24, 25, 29, 30, 39.	Bisections at III, V.
7, 9, 17, 35.	Bisections at III, IV, V.
14, 16, 23, 32, 38.	Bisections at II, VI, VII.
21.	Bisections at IV, V, VI.
37.	Bisections at b_1, b_3, b_5, b_7, b_9.
41.	Bisections at VI, VII.
42.	Bisections at I, II, VI, VII.
44.	Bisections at II, III, VI, VII.
46.	Bisections at II, III.

Notes.

7. Faint; unsteady.

23, 26. Fuzzy.

37. Micrometer reading increased 1 rev.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
40	+ 6.0	−16 1.6	...	−15 55.6
41	+ 6.0	+16 1.6	...	+16 7.6
42	+ 3.6	.. ...	0.0	+ 3.6
44	+ 5.4	.. ...	− 0.2	+ 5.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ρ Capricorni	9	23 31.39	− 0.34	+ **4.34**	56 58	......	....	. ....	20 23 35.40	.....	−18 7	....
2	ε Delphini	9	28 43.82	− 0.19	+ **4.37**	27 52	......	....	. ....	20 28 47.98	.....	+10 59	....
3	6 H. Cephei	9	43 0.21	+ 0.03	+ 4.35	341 37 47.80	41.998	+ 3.27	− 18.7	20 43 4.59	− 1.88	+57 15 8.1	−25.6
4	σ^2 Ursæ Majoris s. p.	9	2 9.34	− 0.27	+ 4.35	286 25 45.88	43.158	+ 3.33	−3 8.7	9 2 13.42	.....	+67 30 26.4	....
5	ζ Cygni	9	8 56.34	− 0.11	+ **4.41**	9 0	......	....	. ....	21 9 0.58	.....	+29 51	....
6	d Ursæ Majoris s. p.	9	26 12.03	− 0.30	+ 4.34	289 7 45.45	46.253	+ 3.40	−2 41.1	9 26 16.07	.....	+70 14 4.3	....
7	ξ Aquarii	9	32 46.26	− 0.28	+ **4.32**	47 6	......	....	. ....	21 32 50.32	.....	− 8 16	....
8	20 Cephei	9	2 9.58	+ 0.06	+ 4.34	336 31 47.85	44.495	+ 3.51	− 24.6	22 2 13.98	.....	+62 20 16.7	....
9	ζ Cephei	9	7 36.21	+ 0.03	+ 4.34	341 7 48.05	42.620	+ 3.52	− 19.4	22 7 40.58	.....	+57 44 54.1	....
10	θ Aquarii	9	11 53.85	− 0.28	+ **4.36**	47 3 51.75	48.052	+ 3.54	+1 1.2	22 11 57.91	.....	− 8 14 34.3	....
11	47 Aquarii	9	16 27.06	− 0.37	+ 4.34	60 53 52.78	43.952	+ 3.55	+1 42.1	22 16 31.03	− 2.39	−22 3 42.5	−11.6
12	π Aquarii	9	20 29.91	− 0.24	+ **4.29**	37 55 50.52	45.852	+ 3.56	+ 44.4	22 20 34.01	.....	+ 0 54 33.9	....
	October 6, M.												
13	υ^5 Eridani	9	20 30.58	− 0.43	+ 4.30	73 1 53.55	45.423	+ 4.26	+3 7.8	4 20 34.45	.....	−34 13 43.1	....
14	80 Tauri	9	24 48.43	− 0.10	+ 4.30	23 25 51.78	42.462	+ 4.26	+ 25.1	4 24 52.63	− 2.26	+15 26 8.8	− 4.9
15	α Tauri	9	30 33.08	− 0.10	+ **4.28**	22 31 51.18	44.505	+ 4.26	+ 24.0	4 30 37.28	.....	+16 19 23.8	....
16	35 B. Camelopardalis	9	36 19.99	+ 0.49	+ 4.30	323 5 48.45	45.545	+ 4.26	− 43.2	4 36 24.78	.....	+75 46 9.8	....
17	μ Eridani	9	40 49.01	− 0.20	+ **4.28**	42 15 53.58	45.192	+ 4.26	+ 52.6	4 40 53.11	.....	− 3 25 22.9	....
18	9 Camelopardalis	9	44 47.67	+ 0.25	+ 4.30	332 39 48.55	48.190	+ 4.26	− 29.8	4 44 52.22	.....	+66 10 55.9	....
19	π^1 Orionis	9	49 44.48	− 0.13	+ 4.30	28 49 50.48	47.200	+ 4.26	+ 31.9	4 49 48.65	− 2.07	+10 0 15.0	− 5.3
20	ζ Aurigæ	9	55 56.89	+ 0.03	+ 4.30	357 55 50.60	43.235	+ 4.26	− 2.0	4 56 1.22	.....	+40 56 19.3	....
21	η Aurigæ	9	59 57.79	+ 0.03	+ 4.30	357 43 50.10	48.220	+ 4.26	− 2.2	5 0 2.12	.....	+41 6 26.1	....
22	λ Eridani	9	4 39.47	− 0.23	+ 4.30	47 41 53.65	47.010	+ 4.26	+1 3.6	5 4 43.54	− 1.80	− 8 52 15.5	−10.1
23	β Orionis	9	10 1.83	− 0.22	+ **4.29**	47 8	......	....	. ....	5 10 5.91	.....	− 8 18	....
24	τ Orionis	9	13 3.18	− 0.22	+ **4.28**	45 47 53.58	42.725	+ 4.26	+ 59.5	5 13 7.26	.....	− 6 56 33.4	....
25	ο Orionis	9	16 58.61	− 0.18	+ 4.30	39 19 53.22	42.695	+ 4.26	+ 47.4	5 17 2.73	− 1.82	− 0 28 20.5	− 7.3
26	17 Camelopardalis	9	21 22.07	+ 0.20	+ 4.30	335 51 47.75	47.365	+ 4.26	− 25.8	5 21 26.57	.....	+62 59 11.4	....
27	74 B. Camelopardalis	9	27 17.46	+ 0.46	+ 4.30	323 53 48.40	44.020	+ 4.26	− 42.0	5 27 22.22	.....	+74 58 43.5	....
28	ζ Tauri	9	32 3.00	− 0.08	+ **4.30**	17 45 50.08	45.480	+ 4.26	+ 18.6	5 32 7.22	.....	+21 5 8.0	....
29	α Columbæ	9	36 14.41	− 0.43	+ 4.30	72 55 53.40	44.105	+ 4.26	+3 6.5	5 36 18.28	.....	−34 7 11.7	....
30	γ Leporis	9	40 32.69	− 0.32	+ 4.30	61 17 54.70	45.912	+ 4.26	+1 45.4	5 40 36.67	− 1.50	−22 28 33.2	−12.5
31	ν Aurigæ	9	45 0.59	+ 0.02	+ 4.30	359 43 49.40	46.210	+ 4.26	− 0.2	5 45 4.91	.....	+39 7 10.7	....
32	α Orionis	9	50 5.78	− 0.14	+ **4.35**	31 28	......	....	. ....	5 50 9.94	.....	+ 7 23	....
33	35 Draconis s. p.	9	53 30.06	− 0.59	+ 4.30	295 51 47.60	46.390	+ 4.26	−1 58.2	17 53 33.77	.....	+76 58 53.3	....
34	24 Ursæ Minoris s. p.	7	4 54.21	− 2.53	+ 4.30	305 51 47.30	47.825	+ 4.26	−1 19.4	18 4 55.98	+14.72	+87 0 4.4	−21.3
35	Groombridge 1004	6	11 18.93	+ 2.31	+ 4.30	312 7 48.40	43.900	+ 4.26	−1 3.6	6 11 25.54	−15.44	+86 45 7.7	+20.8
36	β Canis Majoris	9	18 33.59	− 0.29	+ **4.31**	56 43 52.40	46.510	+ 4.26	+1 28.0	6 18 37.60	.....	−17 54 27.2	....
37	χ Draconis s. p.	9	22 39.16	− 0.43	+ 4.29	291 35 47.42	45.033	+ 4.26	−2 24.2	18 22 43.02	.....	+72 41 56.2	....
38	23 H. Camelopardalis	9	30 22.64	+ 0.70	+ 4.29	319 11 48.30	47.247	+ 4.26	−0 49.6	6 30 27.63	.....	+79 39 37.5	....
	October 7, M.												
39	Sun I, N	9	47 40.64	− 0.26	+ 4.26	43 47 53.28	48.198	+ 3.33	+ 53.2	12 47 44.64	+64.54	− 4 58 31.1	....
40	Sun II, S	9	49 49.71	− 0.26	+ 4.26	44 19 54.50	48.195	+ 3.33	+ 54.2	12 49 53.71	−64.53	− 5 30 32.9	....
41	Venus I, C	9	12 48.87	− 0.26	+ 4.26	45 23 52.75	47.402	+ 3.33	+ 56.1	13 12 52.87	+ 0.32	− 6 34 15.1	....
42	Venus II	9	12 49.51	− 0.26	+ 4.26	... .	......	....	. ....	13 12 53.51	− 0.32	.. ..	....
43	Mercury I, C	9	3 29.83	− 0.30	+ 4.25	52 59 52.62	43.435	+ 2.94	+1 13.1	14 3 33.78	+ 0.18	−14 9 0.9	....
	October 8, P.												
44	Sun I, S	9	51 20.21	− 0.30	+ 4.10	44 43 51.18	45.622	+ 3.19	+ 56.1	12 51 24.01	+64.67	− 5 53 32.8	....
45	Sun II, N	9	53 29.56	− 0.30	+ 4.10	44 11 52.30	45.472	+ 3.19	+ 55.1	12 53 33.36	−64.68	− 5 21 29.3	....
46	Venus I, C	9	17 26.29	− 0.29	+ 4.10	45 53 53.62	46.408	+ 3.19	+ 58.6	13 17 30.10	+ 0.40	− 7 3 55.6	....
47	Venus II	9	17 27.09	− 0.29	+ 4.10	... .	......	....	. ....	13 17 30.90	− 0.40	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 20 41	......	....	58.2
20 46	......	....	58.1
20 57	29.68	59.0	58.0
21 8	......	....	58.0
21 23	......	....	57.8
21 30	......	....	57.3
21 59	29.70	57.5	56.2
22 15	......	....	55.6
22 21	29.70	56.6	55.2
6 4 2	29.79	51.3	49.8
4 28	......	....	49.4
4 53	29.79	50.7	49.3
5 8	......	....	49.3
5 48	29.79	50.7	49.7
6 35	29.79	51.3	50.3
7 12 50	29.77	68.0	70.1
13 14	29.75	69.2	71.1
14 6	29.72	70.8	71.8
8 12 53	29.71	61.1	58.6
13 20	29.73	60.0	57.6

Micrometer bisections are made at II, VI, except as noted below.

3, 4, 6, 37, 38.	Bisections at III, IV, V.
8, 9, 16, 18, 27, 33.	Bisections at III, V.
12, 29.	Bisections at II, VI, VII.
13.	Bisections at I, II, VI.
25, 40, 45.	Bisections at VI, VII.
34.	Bisections at IV, V.
35.	Bisections at III, IV.
39, 44.	Bisections at I, II.
41, 43, 46.	Bisections at I, II, VI, VII.

Note.
13, 29, 37. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
39	+ 6.1	−16 0.9	...	−15 54.8
40	+ 6.1	+16 0.9	...	+16 7.0
41	+ 3.6	.. ...	0.0	+ 3.6
43	+ 5.6	.. ...	− 0.2	+ 5.4
44	+ 6.2	+16 1.7	...	+16 7.9
45	+ 6.1	−16 1.7	...	−15 55.6
46	+ 3.7	.. ...	0.0	+ 3.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mercury I, C.	8	8 46.08	− 0.33	+ 4.10	53 33 53.18	45.594	+ 3.52	+1 16.8	14 8 49.85	+ 0.18	−14 43 55.1	....
2	θ Aquilæ	9	6 28.33	− 0.29	+ **4.05**	39 56	......	....	. ....	20 6 32.10	.....	− 1 5	....
3	30 Cygni	9	10 20.16	− 0.09	+ 4.06	352 19 50.82	42.962	+ 8.99	− 7.7	20 10 24.13	− 1.43	+46 32 26.2	−25.1
4	4 Capricorni	9	12 31.90	− 0.41	+ 4.06	60 55 54.55	43.690	+ 9.01	+1 43.6	20 12 35.55	− 1.87	−22 5 45.2	− 7.2
5	ρ Capricorni	9	23 31.63	− 0.38	+ **4.10**	56 58	......	....	. ....	20 23 35.31	.....	−18 7	....
6	ε Delphini	9	28 44.14	− 0.23	+ **4.04**	27 52	......	....	. ....	20 28 47.97	.....	+10 59	....
7	η Cephei	9	43 21.85	− 0.01	+ 4.06	337 23 50.25	42.040	+ 9.29	− 24.0	20 43 25.90	.....	+61 29 4.0	....
8	76 Draconis	9	49 20.34	+ 0.40	+ 4.06	316 41 48.80	41.890	+ 9.35	− 54.3	20 49 24.80	.....	+82 11 39.0	....
9	σ^2 Ursæ Majoris s. p.	9	2 9.61	− 0.24	+ 4.06	286 25 47.82	42.955	+ 9.47	−3 12.8	9 2 13.43	.....	+67 30 25.7	....
10	1 H. Draconis s. p.	9	23 47.71	− 0.58	+ 4.06	300 37 46.55	42.775	+ 9.66	−1 37.2	9 23 51.19	.....	+81 43 56.0	....
11	ξ Aquarii	9	32 46.48	− 0.31	+ **4.10**	47 6	......	....	. ....	21 32 50.23	.....	− 8 16	....
12	μ Piscis Australis	9	2 56.61	− 0.49	+ 4.05	72 15 56.00	42.060	+10.02	+2 59.8	22 3 0.17	− 2.46	−33 26 26.6	− 7.8
13	ζ Cephei	9	7 36.47	− 0.02	+ 4.05	341 7 50.72	42.190	+10.06	− 19.8	22 7 40.50	.....	+57 44 55.1	....
14	θ Aquarii	9	11 54.17	− 0.30	+ **4.03**	47 3 54.28	47.627	+10.10	+1 2.5	22 11 57.92	.....	− 8 14 35.0	....
15	31 Pegasi	9	16 54.80	− 0.21	+ 4.05	27 5 53.50	46.290	+10.14	+ 29.8	22 16 58.64	− 2.25	+11 44 29.2	−18.9
16	π Aquarii	9	20 30.13	− 0.25	+ **4.05**	37 55 53.65	45.385	+10.17	+ 45.4	22 20 33.93	.....	+ 0 54 33.9	....
17	σ Aquarii	9	25 42.21	− 0.31	+ **4.05**	49 59 55.00	43.238	+10.22	+1 9.3	22 25 45.95	.....	−11 9 2.3	....
	October 8, M.												
18	m Persei	9	26 50.88	+ 0.11	+ 4.09	355 59 51.20	44.162	+10.89	− 4.1	4 26 55.08	.....	+42 51 53.0	....
19	υ^7 Eridani	9	31 54.18	− 0.35	+ 4.09	69 33 55.85	44.288	+10.89	+2 37.5	4 31 57.92	− 1.87	−30 44 55.9	−15.3
20	τ Tauri	9	36 38.02	− 0.01	+ **4.09**	16 3 53.38	46.115	+10.89	+ 17.1	4 36 42.10	.....	+22 46 45.0	....
21	μ Eridani	9	40 49.18	− 0.14	+ **4.11**	42 15 54.32	44.785	+10.89	+ 53.7	4 40 53.13	.....	− 3 25 22.0	....
22	π^4 Orionis	9	46 13.24	− 0.09	+ 4.09	33 23 53.78	44.832	+10.89	+ 39.0	4 46 17.24	− 2.08	+ 5 26 52.1	− 6.8
23	ι Aurigæ	9	50 54.60	+ 0.05	+ 4.09	5 49 52.30	45.750	+10.89	+ 6.1	4 50 58.74	.....	+33 1 5.4	....
24	ε Aurigæ	9	55 16.20	+ 0.12	+ 4.09	355 9 50.58	46.340	+10.89	− 4.9	4 55 20.41	.....	+43 41 4.6	....
25	ε Leporis	9	1 29.41	− 0.27	+ 4.09	61 19 55.90	42.848	+10.89	+1 47.8	5 1 33.23	.....	−22 29 33.3	....
26	α Aurigæ	9	9 47.69	+ 0.14	+ 4.09	352 57 52.85	43.660	+10.89	− 7.2	5 9 51.92	.....	+45 54 5.9	....
27	12 G. Columbæ	9	15 39.14	− 0.31	+ 4.09	66 17 56.12	41.925	+10.89	+2 14.2	5 15 42.92	− 1.66	−27 27 38.9	−14.0
28	γ Orionis	9	20 6.49	− 0.08	+ **4.10**	32 33 53.68	47.173	+10.89	+ 37.9	5 20 10.50	.....	+ 6 15 59.7	....
29	χ Aurigæ	9	26 38.62	+ 0.05	+ 4.09	6 43 52.40	45.090	+10.89	+ 7.1	5 26 42.76	.....	+32 7 19.4	....
30	θ^2 Orionis	9	30 46.69	− 0.15	+ 4.09	44 19 54.68	42.313	+10.89	+ 57.9	5 30 50.63	− 1.76	− 5 28 30.2	− 8.2
31	κ Orionis	9	43 18.54	− 0.17	+ **4.05**	48 31 55.78	45.820	+10.89	+1 7.1	5 43 22.46	.....	− 9 42 0.5	....
32	α Orionis	9	50 6.06	− 0.07	+ **4.06**	31 27 54.18	43.400	+10.89	+ 36.3	5 50 10.07	.....	+ 7 23 27.1	....
33	θ Aurigæ	9	53 20.90	+ 0.09	+ 4.08	1 37 51.10	48.215	+10.89	+ 1.8	5 53 25.07	.....	+37 12 14.6	....
34	66 Orionis	9	0 1.26	− 0.09	+ 4.08	34 39 54.02	47.248	+10.89	+ 41.2	6 0 5.25	− 1.70	+ 4 9 54.5	− 4.1
35	ξ Orionis	9	6 36.92	− 0.04	+ 4.08	24 37 54.00	42.905	+10.89	+ 27.3	6 6 40.96	− 1.78	+14 13 47.6	− 0.5
36	2 Lyncis	9	11 23.58	+ 0.27	+ 4.08	339 49 50.72	43.435	+10.89	− 21.8	6 11 27.93	− 2.80	+59 2 27.6	+14.6
37	μ Geminorium	9	17 17.83	+ 0.01	+ **4.09**	16 17 53.02	43.802	+10.89	+ 17.5	6 17 21.92	.....	+22 33 37.8	....
38	B. D.+61°889	9	22 51.25	+ 0.30	+ 4.08	337 31 50.15	47.622	+10.89	− 24.5	6 22 55.63	− 2.79	+61 18 55.4	+15.8
39	B. D.+77°253 (*pr.*)	9	30 9.43	+ 0.75	+ 4.08	321 35 48.98	47.782	+10.89	− 47.0	6 30 14.26	− 4.56	+77 15 15.3	+20.0
40	S Monocerotis	8	35 48.94	− 0.05	+ **4.09**	28 51 54.42	44.958	+10.89	+ 32.9	6 35 52.97	.....	+ 9 58 54.7	....
	October 9, M.												
41	Sun I, S.	9	54 59.84	− 0.11	+ 4.06	45 5 57.20	47.422	+10.41	+ 58.0	12 55 3.79	+64.66	− 6 16 29.1	....
42	Sun II, N.	9	57 9.16	− 0.11	+ 4.06	44 33 57.55	47.368	+10.41	+ 57.0	12 57 13.11	−64.66	− 5 44 27.0	....
43	Venus I, C.	9	22 4.06	− 0.13	+ 4.05	46 23 56.65	44.690	+10.41	+1 0.5	13 22 7.98	+ 0.34	− 7 33 28.5	....
44	Venus II.	9	22 4.73	− 0.13	+ 4.05	... .	......	.....	. ....	13 22 8.65	− 0.33	.. ..	....
45	Mercury I, C.	9	13 59.76	− 0.20	+ 4.05	54 7 58.52	45.001	+10.00	+1 19.3	14 14 3.61	+ 0.18	−15 17 55.8	....
46	θ Aquilæ	9	6 28.19	− 0.14	+ **4.03**	39 56	......	.....	. ....	20 6 32.08	.....	− 1 5	....
47	o^1 Cygni	9	10 39.42	+ 0.13	+ 4.02	352 23 49.48	44.510	+ 5.04	− 7.7	20 10 43.57	.....	+46 27 56.3	....
48	4 Capricorni	9	12 31.81	− 0.28	+ 4.02	60 55 54.00	43.915	+ 5.05	+1 44.2	20 12 35.55	− 1.85	−22 5 46.4	− 7.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 14 12	29.725	60.0	57.4
20 4	29.90	54.0	52.1
20 18	......	....	52.5
20 41	......	....	52.1
20 57	29.91	53.0	51.9
21 7	......	....	51.2
21 29	......	....	51.1
22 0	29.94	51.8	50.3
22 27	29.95	50.5	49.0
4 23	29.99	44.7	43.0
4 45	......	....	43.0
4 59	30.00	44.0	42.5
5 48	......	....	40.8
5 58	30.02	42.6	....
6 38	30.03	40.8	38.2
9 12 57	30.05	55.9	54.1
13 22	30.03	55.8	55.1
14 14	30.00	57.7	56.6
20 2	29.905	51.8	49.8
20 29	......	....	49.3

Micrometer bisections are made at II, VI, except as noted below.

1, 19, 43, 45. Bisections at I, II, VI, VII.
7, 13, 38, 39. Bisections at III, V.
8–10. Bisections at III, IV, V.
14, 28, 30. Bisections at II, VI, VII.
15, 41, 47. Bisections at I, II.
25. Bisections at I, II, VI.
42. Bisections at VI, VII.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 5.7	.. ...	−0.2	+ 5.5
41	+ 6.2	+16 1.1	...	+16 7.3
42	+ 6.2	−16 1.0	...	−15 54.8
43	+ 3.7	.. ...	0.0	+ 3.7
45	+ 5.7	.. ...	−0.2	+ 5.5

Notes.
18–40. Conditions poor.
19. Very poor.

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ρ Capricorni	9	23 31.53	− 0.24	+ **4.04**	56 58	......	....	. ....	20 23 35.31	.....	−18 7	....
2	ε Delphini	9	28 43.93	− 0.08	+ **4.09**	27 52	......	....	. ....	20 28 47.87	.....	+10 59	....
3	η Cephei	9	43 21.54	+ 0.29	+ 4.02	337 23 47.68	42.308	+ 5.14	− 24.1	20 43 25.85	.....	+61 29 4.5	....
4	61 Cygni (*pr.*)	9	2 41.69	+ 0.08	+ 4.02	0 33 50.78	44.140	+ 5.19	+ 0.6	21 2 45.79	.....	+38 17 54.9	....
5	ζ Cygni	9	8 56.54	+ 0.03	+ **4.01**	9 0	......	....	. ....	21 9 0.59	.....	+29 51	....
6	d Ursæ Majoris s. p.	9	26 12.66	− 0.48	+ 4.02	289 7 47.22	46.236	+ 5.26	−2 45.5	9 26 16.20	.....	+70 14 2.6	....
7	ξ Aquarii	9	32 46.37	− 0.17	+ **4.06**	47 6	......	....	. ....	21 32 50.22	.....	− 8 16	....
8	μ Piscis Australis	9	2 56.47	− 0.36	+ 4.02	72 15 54.35	42.350	+ 5.37	+3 0.8	22 3 0.13	− 2.45	−33 26 27.8	− 7.6
9	24 Cephei	9	8 0.71	+ 0.53	+ 4.02	326 57 47.78	47.365	+ 5.38	− 37.8	22 8 5.26	.....	+71 53 22.2	....
10	θ Aquarii	9	11 54.05	− 0.16	+ **4.00**	47 3 52.78	47.920	+ 5.40	+1 2.8	22 11 57.91	.....	− 8 14 35.7	....
11	31 Pegasi	9	16 54.69	− 0.05	+ 4.02	27 5 51.85	46.570	+ 5.41	+ 29.9	22 16 58.66	− 2.24	+11 44 28.9	−19.0
12	π Aquarii	9	20 30.06	− 0.11	+ **3.97**	37 55 52.12	45.688	+ 5.42	+ 45.6	22 20 33.97	.....	+ 0 54 33.1	....
	October 9, P.												
13	ρ Tauri	9	28 32.59	+ 0.01	+ 3.93	24 11 52.25	45.278	+ 5.84	+ 26.4	4 28 36.53	− 2.31	+14 39 1.1	− 5.0
14	258 G. Eridani	9	36 12.98	− 0.22	+ 3.93	63 29 53.40	42.928	+ 5.86	+1 57.4	4 36 16.69	− 1.90	−24 39 37.3	−14.1
15	μ Eridani	9	40 49.30	− 0.08	+ **3.95**	42 15 53.35	45.042	+ 5.88	+ 53.4	4 40 53.15	.....	− 3 25 21.6	....
16	π^3 Orionis	9	44 45.73	− 0.02	+ **3.91**	32 1 52.52	47.348	+ 5.89	+ 36.8	4 44 49.64	.....	+ 6 48 3.2	....
17	o^1 Orionis	9	47 14.52	+ 0.01	+ 3.93	24 45 52.50	43.120	+ 5.90	+ 27.1	4 47 18.46	− 2.22	+14 5 49.4	− 4.2
18	57 H^1. Camelopardalis	9	52 57.24	+ 0.66	+ 3.93	324 55 47.82	46.878	+ 5.91	− 41.0	4 53 1.83	− 5.91	+73 55 36.2	+12.8
19	157 H. Cephei	9	58 55.83	+ 2.47	+ 3.93	313 1 47.78	46.497	+ 5.93	−1 2.6	4 59 2.23	−18.75	+85 50 6.3	+15.5
20	α Aurigæ	9	9 47.86	+ 0.20	+ 3.93	352 57 51.05	43.998	+ 5.96	− 7.2	5 9 51.99	.....	+45 54 4.9	....
21	12 G. Columbæ	9	15 39.27	− 0.25	+ 3.93	66 17 54.10	42.288	+ 5.98	+2 13.0	5 15 42.95	− 1.69	−27 27 39.1	−13.8
22	γ Orionis	9	20 6.61	− 0.03	+ **3.95**	32 33 53.38	47.402	+ 5.99	+ 37.5	5 20 10.51	.....	+ 6 16 0.2	....
23	19 Camelopardalis	9	28 14.42	+ 0.40	+ 3.93	334 45 48.70	46.640	+ 6.01	− 27.5	5 28 18.75	− 3.75	+64 5 27.2	+13.2
24	θ^2 Orionis	9	30 46.85	− 0.09	+ 3.93	44 19 53.48	42.620	+ 6.02	+ 57.2	5 30 50.69	− 1.79	− 5 28 30.4	− 8.1
25	ω Draconis s. p.	9	37 24.44	− 0.39	+ 3.93	287 41 49.65	47.727	+ 6.04	−3 0.7	17 37 27.98	.....	+68 48 24.4	....
26	κ Orionis	9	43 18.66	− 0.12	+ **3.91**	48 31 54.00	46.190	+ 6.06	+1 6.3	5 43 22.47	.....	− 9 42 1.6	....
27	α Orionis	9	50 6.18	− 0.02	+ **3.92**	31 27 52.25	43.748	+ 6.08	+ 35.9	5 50 10.09	.....	+ 7 23 26.5	....
28	θ Aurigæ	9	53 21.02	+ 0.14	+ 3.92	1 37 50.60	48.412	+ 6.08	+ 1.8	5 53 25.08	.....	+37 12 15.4	....
29	66 Orionis	9	0 1.35	− 0.04	+ 3.92	34 39 49.65	47.600	+ 8.13	+ 40.6	6 0 5.23	− 1.73	+ 4 9 54.4	− 4.0
30	24 Ursæ Minoris s. p.	8	4 54.66	− 3.29	+ 3.92	305 51 47.65	47.800	+ 6.11	−1 20.6	18 4 55.29	+16.08	+87 0 4.9	−21.2
31	μ Geminorum	9	17 18.01	+ 0.06	+ **3.90**	16 17 52.10	44.070	+ 6.15	+ 17.2	6 17 21.99	.....	+22 33 37.7	....
32	χ Draconis s. p.	8	22 39.36	− 0.50	+ 3.92	291 35 47.25	45.100	+ 6.17	−2 26.4	18 22 42.78	.....	+72 41 57.3	....
33	B. D.+77°253 (*pr.*)	8	30 9.68	+ 0.83	+ 3.92	321 35 47.62	48.032	+ 6.19	− 46.2	6 30 14.43	− 4.68	+77 15 14.9	+20.0
34	S Monocerotis	9	35 49.13	− 0.01	+ **3.89**	28 51 52.75	45.245	+ 6.21	+ 32.3	6 35 53.04	.....	+ 9 58 55.1	....
35	α Canis Majoris	9	41 0.57	− 0.16	+ 3.92	55 25 52.88	43.212	+ 6.22	+1 24.8	6 41 4.33	.....	−16 35 11.1	....
36	24 H. Camelopardalis	9	46 30.50	+ 0.82	+ 3.92	321 45 47.65	47.450	+ 6.24	− 45.9	6 46 35.24	− 4.16	+77 5 27.8	+20.7
	October 10, P.												
37	Sun I, N	9	58 40.33	− 0.12	+ 3.89	44 57 55.52	44.585	+ 5.49	+ 56.5	12 58 44.10	+64.74	− 6 7 16.2	....
38	Sun II, S	9	0 49.80	− 0.12	+ 3.89	45 29 54.12	44.830	+ 5.49	+ 57.5	13 0 53.57	−64.73	− 6 39 21.1	....
39	Venus I, C	9	26 42.67	− 0.13	+ 3.88	46 53 54.85	43.384	+ 5.49	+1 0.3	13 26 46.42	+ 0.38	− 8 2 51.7	....
40	Venus II	9	26 43.43	− 0.13	+ 3.88	... .	......	....	. ....	13 26 47.18	− 0.38	.. ..	....
41	Mercury I, C	9	19 11.46	− 0.18	+ 3.88	54 41 53.35	43.251	+ 5.71	+1 19.3	14 19 15.16	+ 0.19	−15 51 6.4	....
42	Moon I	8	51 5.26	− 0.25	+ 3.87	55 58	......	....	. ....	15 51 8.88	+69.43	.. ..	....
	October 10, Hl.												
43	57 B. Ursæ Minoris s. p.	9	6 19.28	− 3.10	+ 3.81	306 28	......	....	. ....	15 6 19.99	.....	+87 35	....
44	151 H^1. Cephei	9	7 21.61	+ 1.62	+ 3.81	313 33 49.15	45.600	+ 5.14	−1 0.2	4 7 27.04	.....	+85 18 23.8	....
45	ι Tauri	9	23 9.73	− 0.04	+ **3.85**	19 51 50.20	46.950	+ 5.14	+ 20.9	4 23 13.50	.....	+18 58 31.1	....
46	ρ Tauri	9	28 32.79	− 0.06	+ 3.81	24 11 52.05	45.342	+ 5.14	+ 25.9	4 28 36.54	− 2.33	+14 39 1.0	− 5.0
47	53 Eridani	9	33 53.76	− 0.21	+ **3.67**	53 19 52.25	43.010	+ 5.14	+1 17.2	4 33 57.36	.....	−14 28 57.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 20 48	29.90	50.5	48.7
21 5	......	....	48.4
21 21	......	....	47.8
21 48	29.88	49.0	47.2
22 26	29.88	47.9	46.1
4 26	29.795	43.8	42.5
5 4	......	....	42.2
5 12	......	....	42.7
5 31	......	....	43.0
5 48	29.79	44.0	43.0
6 15	......	....	43.0
6 27	......	....	43.0
6 48	29.78	43.9	43.7
10 13 1	29.79	60.1	60.7
13 27	29.77	61.0	61.4
14 21	29.745	62.3	62.6
2 56	29.71	52.1	51.0
3 53	......	....	50.8
4 14	29.69	51.1	50.4
4 37	......	....	50.0

Micrometer bisections are made at II, VI, except as noted below.

6, 39, 41.	Bisections at I, II, VI, VII.
8.	Bisections at I, II, VI.
9.	Bisection at II.
16.	Bisections at II, III.
18, 25, 32, 44.	Bisections at III, IV, V.
19.	Bisections at b_1, b_3, b_5, b_7, b_9.
21, 26.	Bisections at II, VI, VII.
23, 33, 36.	Bisections at III, V.
27, 37.	Bisections at I, II.
29.	Bisection at I.
30.	Bisections at b_1, b_3, b_5, b_7.
38.	Bisections at VI, VII.

Notes.

6. Poor.
27. Degrees and minutes of circle reading assumed.
29. Two microscopes used.
47. Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
37	+ 6.2	−16 2.4	...	−15 56.2
38	+ 6.3	+16 2.4	...	+16 8.7
39	+ 3.8	.. ...	0.0	+ 3.8
41	+ 5.8	.. ...	− 0.2	+ 5.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	9 Camelopardalis	9	44 48.44	+ 0.28	+ 3.81	332 39 48.52	48.105	+ 5.14	− 29.6	4 44 52.53	.....	+66 10 56.6	....
2	π^5 Orionis	9	49 22.77	− 0.12	+ **3.85**	36 33 52.85	43.480	+ 5.14	+ 42.8	4 49 26.46	.....	+ 2 17 25.8	....
3	ι Tauri	9	57 30.72	− 0.03	+ **3.81**	17 23 52.08	44.505	+ 5.14	+ 18.1	4 57 34.50	.....	+21 27 27.9	....
4	ε Leporis	9	1 29.80	− 0.27	+ 3.81	61 19 53.80	43.250	+ 5.14	+1 45.2	5 1 33.34	.....	−22 29 32.3	....
5	λ Aurigæ	9	12 34.81	+ 0.06	+ 3.81	358 49 49.25	46.985	+ 5.14	− 1.1	5 12 38.68	.....	+40 0 53.2	....
6	25 Orionis	9	19 53.51	− 0.12	+ 3.80	37 5 52.20	42.520	+ 5.14	+ 43.7	5 19 57.19	− 1.94	+ 1 45 47.6	− 6.3
7	74 B. Camelopardalis	9	27 18.37	+ 0.49	+ 3.80	323 53 48.70	43.935	+ 5.14	− 42.0	5 27 22.66	.....	+74 58 43.9	....
8	*f* Draconis s. p.	9	32 14.98	− 0.31	+ 3.80	287 5 48.10	46.938	+ 5.14	−3 4.7	17 32 18.47	+ 1.60	+68 12 0.6	−20.2
9	α Orionis	9	50 6.38	− 0.10	+ **3.83**	31 27 50.98	43.832	+ 5.14	+ 35.4	5 50 10.08	.....	+ 7 23 27.1	....
10	θ Aurigæ	9	53 21.24	+ 0.05	+ 3.80	1 37 49.40	48.485	+ 5.14	+ 1.7	5 53 25.09	.....	+37 12 16.0	....
11	74 G. Columbæ	9	2 28.70	− 0.33	+ 3.80	68 33 53.92	44.457	+ 5.14	+2 26.7	6 2 32.17	− 1.44	−29 44 41.4	−13.1
12	ξ Orionis	9	6 37.18	− 0.06	+ 3.80	24 37 51.22	43.308	+ 5.14	+ 26.6	6 6 40.92	− 1.84	+14 13 47.6	− 0.4
13	7 Monocerotis	9	15 11.92	− 0.17	+ 3.80	46 37 52.58	43.585	+ 5.14	+1 1.2	6 15 15.55	.....	− 7 46 54.6	....
14	8 Monocerotis	9	18 48.41	− 0.11	+ **3.81**	34 11 51.68	46.232	+ 5.14	+ 39.4	6 18 52.10	.....	+ 4 38 27.4	....
15	13 Monocerotis	9	27 50.43	− 0.10	+ 3.80	31 25 50.58	47.345	+ 5.14	+ 35.4	6 27 54.13	− 1.64	+ 7 24 7.2	− 1.8
16	γ Geminorum	9	32 18.40	− 0.06	+ **3.80**	22 21 50.42	46.318	+ 5.14	+ 23.9	6 32 22.14	.....	+16 28 42.3	....
17	ε Geminorum	9	38 10.68	− 0.01	+ **3.81**	13 37 50.55	45.080	+ 5.14	+ 14.1	6 38 14.47	.....	+25 13 20.3	....
18	18 Monocerotis	9	42 58.59	− 0.12	+ 3.80	36 19 51.95	44.930	+ 5.14	+ 42.6	6 43 2.27	.....	+ 2 30 53.9	....
	October 11, Hl.												
19	Sun I, S.	9	2 21.00	− 0.17	+ 3.78	45 51 56.10	46.775	+ 5.05	+ 57.7	13 2 24.61	+64.79	− 7 2 7.6	....
20	Sun II, N.	9	4 30.57	− 0.17	+ 3.78	45 19 55.78	46.655	+ 5.05	+ 56.7	13 4 34.18	−64.78	− 6 30 3.2	....
21	Venus I, C.	9	31 21.97	− 0.18	+ 3.78	47 21 56.42	46.482	+ 5.05	+1 0.7	13 31 25.57	+ 0.34	− 8 32 4.1	....
22	Venus II	9	31 22.64	− 0.18	+ 3.78	... .	......	....	. ....	13 31 26.24	− 0.33	.. ..	....
23	Mercury C, C.	9	24 20.98	− 0.23	+ 3.78	55 11 55.92	49.130	+ 4.36	+1 20.1	14 24 24.53	+ 0.03	−16 23 22.7	....
	October 12, M.												
24	Sun I	9	6 2.14	− 0.20	+ 3.75	46 0	......	....	. ....	13 6 5.69	+64.87	.. ..	....
25	Sun II	9	8 11.87	− 0.20	+ 3.75	... .	......	....	. ....	13 8 15.42	−64.86	.. ..	....
26	Moon I	9	52 35.92	− 0.30	+ 3.74	61 24	......	....	. ....	17 52 39.36	+72.49	.. ..	....
27	o^1 Cygni	9	10 39.81	0.00	+ 3.73	352 23 52.60	44.415	+ 4.75	− 7.7	20 10 43.54	.....	+46 27 55.7	....
28	24 Vulpeculæ	9	12 46.18	− 0.12	+ 3.73	14 27 54.18	44.805	+ 4.75	+ 15.0	20 12 49.79	.....	+24 23 22.4	....
29	η Cephei	9	43 21.88	+ 0.14	+ 3.73	337 23 48.75	42.278	+ 4.87	− 24.1	20 43 25.75	.....	+61 29 4.3	....
30	μ Aquarii	9	47 36.74	− 0.27	+ **3.74**	48 9 55.48	45.600	+ 4.90	+1 5.0	20 47 40.20	.....	− 9 19 47.1	....
31	32 Vulpeculæ	9	50 33.83	− 0.08	+ **3.76**	11 8	......	....	. ....	20 50 37.48	.....	+27 42	....
32	θ Capricorni	9	0 41.87	− 0.32	+ **3.71**	56 26	......	....	. ....	21 0 45.28	.....	−17 36	....
33	61 Cygni (*pr.*)	9	2 42.07	− 0.02	+ 3.73	0 33 53.55	44.042	+ 5.00	+ 0.6	21 2 45.78	.....	+38 17 54.6	....
34	ζ Cygni	9	8 56.87	− 0.06	+ **3.71**	9 0	......	....	. ....	21 9 0.54	.....	+29 51	....
35	*d* Ursæ Majoris s. p.	9	26 13.14	− 0.41	+ 3.73	289 7 50.32	46.078	+ 5.14	−2 45.7	9 26 16.46	.....	+70 14 2.3	....
36	ξ Aquarii	9	32 46.70	− 0.25	+ **3.77**	47 6	......	....	. ....	21 32 50.18	.....	− 8 16	....
37	μ Piscis Australis	9	2 56.86	− 0.44	+ 3.73	72 15 56.55	42.190	+ 5.37	+3 1.0	22 3 0.15	− 2.41	−33 26 26.5	− 7.3
38	24 Cephei	9	8 0.90	+ 0.35	+ 3.73	326 57 50.38	47.253	+ 5.40	− 37.8	22 8 4.98	.....	+71 53 22.4	....
39	θ Aquarii	9	11 54.39	− 0.24	+ **3.71**	47 3 56.60	47.742	+ 5.43	+1 2.9	22 11 57.88	.....	− 8 14 35.6	....
40	31 Pegasi	9	16 55.09	− 0.14	+ 3.73	27 5 54.88	46.450	+ 5.46	+ 30.0	22 16 58.68	− 2.21	+11 44 28.5	−19.3
41	π Aquarii	9	20 30.37	− 0.19	+ **3.71**	37 55 55.62	45.535	+ 5.48	+ 45.6	22 20 33.91	.....	+ 0 54 33.0	....
42	δ Cephei	9	25 42.08	+ 0.14	+ 3.73	340 55 51.40	42.905	+ 5.52	− 20.2	22 25 45.95	− 2.93	+57 56 42.9	−24.2
43	κ Aquarii	9	32 55.23	− 0.22	+ 3.73	43 33 55.28	41.968	+ 5.56	+ 55.7	22 32 58.74	− 2.27	− 4 42 15.3	−15.5
	October 13, Hl.												
44	Moon I, S.	9	56 2.67	− 0.27	+ 3.53	62 15 55.82	46.901	+ 4.91	+1 50.4	18 56 5.93	+72.98	−23 27 2.6	....
45	θ Aquilæ	9	6 28.69	− 0.13	+ **3.45**	39 56	......	....	. ....	20 6 32.09	.....	− 1 5	....
46	33 Cygni	9	11 11.82	+ 0.14	+ 3.52	342 33 53.60	46.232	+ 5.04	− 18.3	20 11 15.48	.....	+56 17 23.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 4 55	......	....	49.6
5 8	......	....	49.0
5 24	......	....	48.4
5 37	29.69	49.1	48.0
5 48	......	....	48.0
6 1	......	....	47.5
6 28	......	....	47.7
6 42	29.69	48.3	47.5
11 13 5	29.65	62.4	63.0
13 31	29.65	63.6	64.1
14 24	29.64	65.2	65.8
12 20 13	[illegible]	50.0	49.0
20 41	......	....	47.8
20 57	29.83	48.5	47.0
21 34	29.83	47.8	46.1
21 55	......	....	45.4
22 35	29.83	46.1	44.2
13 18 56	29.90	49.7	48.4
20 1	29.90	47.1	46.1
20 18	......	....	46.0

Micrometer bisections are made at II, VI, except as noted below.

2, 11.	Bisections at II, VI, VII.
4, 14, 20.	Bisections at VI, VII.
8.	Bisections at II, V.
19.	Bisections at I, II.
21, 23.	Bisections at I, II, VI, VII.
27.	Bisections at II, IV.
35.	Bisections at III, V.
37.	Bisections at I, II, VI.
38.	Bisections at III, IV, V.
44.	Bisections at II, III, IV, V, VI.

Notes.

2, 8.	Faint.
11.	Faint; poor image.
18.	Fog.
27–43.	Conditions poor.
37.	Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
19	+ 6.3	+16 2.1	...	+16 8.4
20	+ 6.2	−16 2.2	...	−15 56.0
21	+ 3.8	.. ...	0.0	+ 3.8
23	+ 6.0	.. ...	− 0.2	+ 5.8
44	+52 18.7	+16 9.9	...	+68 28.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ρ Capricorni	9	23 31.94	− 0.22	+ **3.54**	56 58	......	....	. ....	20 23 35.24	.....	−18 7	....
2	λ Cygni	9	43 45.25	+ 0.03	+ 3.52	2 41 54.75	45.495	+ 5.22	+ 2.8	20 43 48.80	.....	+36 9 17.8	....
3	61 Cygni (*pr.*)	9	2 42.15	+ 0.05	+ 3.52	0 33 54.45	43.955	+ 5.32	+ 0.6	21 2 45.72	.....	+38 17 55.3	....
4	*b* Capricorni	9	23 24.24	− 0.25	+ 3.52	61 1 58.88	45.860	+ 5.43	+1 45.7	21 23 27.51	− 2.11	−22 12 37.6	− 9.3
5	β Cephei	9	27 26.63	+ 0.32	+ 3.52	328 42	......	....	. ....	21 27 30.47	.....	+70 9	....
6	ξ Aquarii	9	32 46.82	− 0.16	+ **3.54**	47 6	......	....	. ....	21 32 50.18	.....	− 8 16	....
7	ν Pegasi	9	0 58.14	− 0.10	+ 3.52	34 13 56.85	45.870	+ 5.64	+ 40.0	22 1 1.56	− 2.13	+ 4 36 29.5	−17.7
8	24 Cephei	9	8 1.10	+ 0.37	+ 3.52	326 57 52.85	47.140	+ 5.68	− 38.0	22 8 4.99	.....	+71 53 22.4	....
9	θ Aquarii	9	11 54.52	− 0.16	+ **3.49**	47 3 58.20	47.617	+ 5.73	+1 3.2	22 11 57.88	.....	− 8 14 35.0	....
10	π Aquarii	9	20 30.51	− 0.12	+ **3.49**	37 55 57.62	45.400	+ 5.75	+ 45.9	22 20 33.91	.....	+ 0 54 33.5	....
	October 13, M.												
11	π³ Orionis	9	44 46.19	− 0.06	+ **3.59**	32 1 54.80	47.260	+ 6.57	+ 37.2	4 44 49.69	.....	+ 6 48 1.7	....
12	π¹ Orionis	9	49 45.28	− 0.05	+ 3.56	28 49 54.35	46.905	+ 6.57	+ 32.8	4 49 48.79	− 2.26	+10 0 14.7	− 5.2
13	ζ Aurigæ	9	55 57.81	+ 0.10	+ 3.56	357 55 53.80	42.975	+ 6.57	− 2.1	4 56 1.47	.....	+40 56 19.8	....
14	ε Leporis	9	1 30.04	− 0.22	+ 3.56	61 19 57.35	42.980	+ 6.57	+1 48.4	5 1 33.38	.....	−22 29 34.1	....
15	μ Aurigæ	9	7 2.80	+ 0.09	+ 3.56	0 27 54.18	47.988	+ 6.57	+ 0.6	5 7 6.45	.....	+38 22 21.9	....
16	τ Orionis	9	13 4.01	− 0.12	+ **3.53**	45 47 56.80	42.420	+ 6.57	+1 1.1	5 13 7.45	.....	− 6 56 33.5	....
17	ο Orionis	9	16 59.39	− 0.09	+ 3.56	39 19 56.42	42.413	+ 6.57	+ 48.8	5 17 2.86	− 2.01	− 0 28 20.8	− 6.9
18	17 Camelopardalis	9	21 23.19	+ 0.26	+ 3.56	335 51 51.70	47.108	+ 6.57	− 26.5	5 21 27.01	.....	+62 59 11.9	....
19	74 B. Camelopardalis	9	27 18.88	+ 0.50	+ 3.56	323 53 50.75	43.855	+ 6.57	− 43.2	5 27 22.94	.....	+74 58 43.8	....
20	ζ Tauri	9	32 3.88	+ 0.01	+ **3.53**	17 45 54.25	45.175	+ 6.57	+ 19.1	5 32 7.45	.....	+21 5 8.0	....
21	α Columbæ	9	36 15.21	− 0.31	+ 3.56	72 55 56.72	43.631	+ 6.57	+3 12.1	5 36 18.46	.....	−34 7 12.0	....
22	γ Leporis	9	40 33.52	− 0.21	+ 3.56	61 17 57.98	45.550	+ 6.57	+1 48.6	5 40 36.87	− 1.70	−22 28 33.7	−11.8
23	ν Aurigæ	9	45 1.54	+ 0.10	+ 3.56	359 43 53.58	45.985	+ 6.57	− 0.2	5 45 5.20	.....	+39 7 9.4	....
24	α Orionis	9	50 6.64	− 0.05	+ **3.61**	31 28	......	....	. ....	5 50 10.15	.....	+ 7 23	....
25	35 Draconis S. P.	8	53 30.15	− 0.46	+ 3.56	295 51 47.95	46.458	+ 6.57	−2 1.7	17 53 33.25	.....	+76 58 54.0	....
26	δ Ursæ Minoris S. P.	9	1 58.11	− 2.00	+ 3.55	305 29 50.88	45.452	+ 6.57	−1 23.0	18 1 59.66	.....	+86 37 12.3	....
27	Groombridge 1004	9	11 22.67	+ 2.22	+ 3.55	312 7 50.88	43.788	+ 6.57	−1 5.6	6 11 28.44	−18.70	+86 45 7.3	+20.5
28	β Canis Majoris	9	18 34.44	− 0.17	+ **3.54**	56 43 56.38	46.098	+ 6.57	+1 30.7	6 18 37.82	.....	−17 54 26.7	....
29	10 Monocerotis	9	23 20.20	− 0.10	+ **3.63**	43 31 55.72	46.980	+ 6.57	+ 56.6	6 23 23.65	.....	− 4 42 12.2	....
30	23 H. Camelopardalis	7	30 24.47	+ 0.73	+ 3.55	319 11 52.90	47.017	+ 6.57	− 51.2	6 30 28.75	.....	+79 39 37.4	....
31	B. D.+77°256	7	35 1.68	+ 0.59	+ 3.55	321 47 50.05	43.990	+ 6.57	− 46.7	6 35 5.82	− 5.01	+77 4 44.9	+20.2
32	ψ⁵ Aurigæ	9	40 0.82	+ 0.14	+ 3.55	355 11 52.22	43.995	+ 6.57	− 4.9	6 40 4.51	.....	+43 40 1.0	....
33	43 Camelopardalis	9	43 40.41	+ 0.37	+ 3.55	329 51 51.00	46.700	+ 6.57	− 34.4	6 43 44.33	− 3.41	+68 59 29.8	+18.8
34	50 Draconis S. P.	9	49 17.93	− 0.39	+ 3.55	294 13 50.90	44.125	+ 6.57	−2 11.2	18 49 21.09	.....	+75 19 54.2	....
35	51 H. Cephei	6	57 20.37	+ 2.60	+ 3.55	311 39 51.00	48.420	+ 6.57	−1 6.6	6 57 26.52	.....	+87 11 22.4	....
	October 14, M.												
36	Moon I, S.	9	59 26.82	− 0.21	+ 3.50	61 20 0.50	46.170	+ 5.90	+1 46.9	19 59 30.11	+72.49	−22 30 48.1	....
37	θ Aquilæ	9	6 28.62	− 0.09	+ **3.47**	39 56	......	....	. ....	20 6 32.03	.....	− 1 5	....
38	ο¹ Cygni	9	10 39.89	+ 0.14	+ 3.50	352 23 56.08	44.195	+ 5.92	− 7.8	20 10 43.53	.....	+46 27 56.2	....
39	24 Vulpeculæ	9	12 46.24	+ 0.03	+ 3.50	14 27 57.82	44.562	+ 5.93	+ 15.2	20 12 49.77	.....	+24 23 22.9	....
40	ρ Capricorni	9	23 31.92	− 0.18	+ **3.50**	56 58	......	....	. ....	20 23 35.24	.....	−18 7	....
41	ε Delphini	9	28 44.42	− 0.03	+ **3.46**	27 52	......	....	. ....	20 28 47.89	.....	+10 59	....
42	λ Cygni	9	43 45.18	+ 0.08	+ 3.50	2 41 55.95	45.473	+ 6.00	+ 2.8	20 43 48.76	.....	+36 9 16.4	....
43	*A* Capricorni	9	1 40.19	− 0.23	+ 3.50	64 11 59.85	45.030	+ 6.05	+2 1.2	21 1 43.46	− 2.04	−25 22 35.8	− 7.5
44	ζ Cygni	9	8 56.95	+ 0.05	+ **3.49**	9 0	......	....	. ....	21 9 0.50	.....	+29 51	....
45	ζ Capricorni	9	21 20.48	− 0.21	+ 3.50	61 38 0.85	45.972	+ 6.09	+1 48.8	21 21 23.77	.....	−22 48 45.9	....
46	*g* Cygni	9	25 59.37	+ 0.14	+ 3.50	352 43 56.15	43.445	+ 6.11	− 7.4	21 26 3.01	− 1.99	+46 8 12.5	−25.7
47	ξ Aquarii	9	32 46.86	− 0.12	+ **3.45**	47 6	......	....	. ....	21 32 50.24	.....	− 8 16	....
48	ι Aquarii	9	1 23.79	− 0.15	+ **3.50**	53 10	......	....	. ....	22 1 27.13	.....	−14 19	....
49	ι Pegasi	9	2 39.53	+ 0.03	+ **3.49**	13 57 56.70	43.595	+ 6.19	+ 14.7	22 2 43.05	.....	+24 53 46.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 20 35	......	....	45.4
20 48	29.91	46.2	45.2
21 7	......	....	45.1
21 35	......	....	44.8
21 43	29.92	45.4	44.3
22 0	......	....	44.0
22 26	29.93	44.8	43.7
4 45	29.935	40.7	38.7
5 0	......	....	38.6
5 25	29.94	[illegible]	38.1
5 48	......	....	38.0
6 27	......	....	37.8
7 1	29.95	39.1	37.5
14 19 54	30.045	[illegible]	47.8
20 21	......	....	46.8
20 40	......	....	46.2
20 58	[illegible]	46.4	....
21 8	......	....	45.8
21 49	30.06	45.1	44.4

Micrometer bisections are made at II, VI, except as noted below.

4, 7.	Bisections at II, VII.
8.	Bisections at II, IV.
9, 17.	Bisections at II, VI, VII.
14.	Bisections at I, VI, VII.
15.	Bisections at VI, VII.
18, 19, 31, 33, 34.	Bisections at III, V.
21.	Bisections at I, II, VI, VII.
25–27, 30.	Bisections at III, IV, V.
32.	Bisections at I, II.
35.	Bisections at III, IV.
36.	Bisections at II, III, IV, V, VI.
38.	Bisections at II, III.
42.	Bisections at I, II, IV.

Notes.

1. Clouds.
21. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
36	+51 51.8	+16 10.1	...	+68 1.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Cephei	9	8 20.11	+ 0.23	+ 3.49	339 53 55.30	45.370	+ 6.21	− 21.5	22 8 23.83	− 2.71	+58 57 43.4	−25.4
2	29 H. Camelopardalis S. P.	9	16 5.75	− 1.40	+ 3.49	303 35 52.95	45.468	+ 6.23	−1 28.3	10 16 7.84	.....	+84 43 9.3	....
3	32 H. Cephei	9	20 55.17	+ 1.76	+ 3.49	313 13 54.30	44.415	+ 6.24	−1 2.5	22 21 0.42	−11.48	+85 38 46.9	−23.5
	October 14, Hl.												
4	258 G. Eridani	9	36 13.64	− 0.19	+ 3.40	63 29 59.35	42.652	+ 5.89	+1 59.1	4 36 16.85	− 2.02	−24 39 38.7	−13.5
5	μ Eridani	9	40 50.01	− 0.08	+ **3.36**	42 15 59.80	44.760	+ 5.90	+ 54.2	4 40 53.33	.....	− 3 25 22.2	....
6	π^3 Orionis	9	44 46.41	− 0.03	+ **3.37**	32 1 58.35	47.078	+ 5.92	+ 37.3	4 44 49.78	.....	+ 6 48 2.9	....
7	ε Aurigæ	9	55 17.27	+ 0.11	+ 3.40	355 9 58.08	46.222	+ 5.95	− 5.0	4 55 20.78	.....	+43 41 4.9	....
8	ε Leporis	9	1 30.18	− 0.18	+ 3.40	61 20 2.15	42.780	+ 5.97	+1 48.7	5 1 33.40	.....	−22 29 34.0	....
9	α Aurigæ	9	9 48.72	+ 0.12	+ 3.40	352 57 57.80	43.665	+ 5.99	− 7.3	5 9 52.24	.....	+45 54 5.8	....
10	12 G. Columbæ	8	15 39.95	− 0.21	+ 3.40	66 18 0.55	41.930	+ 6.01	+2 15.1	5 15 43.14	− 1.82	−27 27 39.2	−13.3
11	γ Orionis	9	20 7.28	− 0.04	+ **3.43**	32 33 59.00	47.130	+ 6.02	+ 38.1	5 20 10.64	.....	+ 6 16 0.1	....
12	χ Aurigæ	9	26 39.48	+ 0.06	+ 3.40	6 43 59.45	44.935	+ 6.04	+ 7.1	5 26 42.94	.....	+32 7 20.8	....
13	θ^2 Orionis	9	30 47.41	− 0.09	+ 3.40	44 20 0.42	42.278	+ 6.05	+ 58.2	5 30 50.72	− 1.92	− 5 28 30.5	− 7.8
14	ω Draconis S. P.	9	37 24.76	− 0.19	+ 3.40	287 41 55.60	47.602	+ 6.07	−3 3.6	17 37 27.97	.....	+68 48 24.8	....
15	κ Orionis	9	43 19.28	− 0.10	+ **3.41**	48 32 1.38	45.818	+ 6.09	+1 7.4	5 43 22.58	.....	− 9 42 1.6	....
16	α Orionis	9	50 6.81	− 0.03	+ **3.44**	31 28	......	....	.....	5 50 10.18	.....	+ 7 23	....
17	θ Aurigæ	9	53 21.67	+ 0.08	+ 3.40	1 37 57.52	48.105	+ 6.12	+ 1.8	5 53 25.15	.....	+37 12 15.4	....
18	66 Orionis	9	0 2.04	− 0.04	+ 3.40	34 39 59.95	47.270	+ 6.14	+ 41.3	6 0 5.40	− 1.88	+ 4 9 52.9	− 3.8
19	ξ Orionis	9	6 37.63	− 0.01	+ 3.40	24 38 1.08	42.832	+ 6.16	+ 27.4	6 6 41.02	− 1.96	+14 13 47.0	− 0.2
20	2 Lyncis	9	11 24.67	+ 0.20	+ 3.40	339 49 56.82	43.390	+ 6.17	− 21.8	6 11 28.27	− 3.15	+59 2 26.9	+14.4
21	μ Geminorum	9	17 18.64	+ 0.02	+ **3.47**	16 17 57.72	43.805	+ 6.19	+ 17.5	6 17 22.06	.....	+22 33 37.8	....
22	χ Draconis S. P.	9	22 39.41	− 0.25	+ 3.40	291 35 55.18	44.850	+ 6.20	−2 29.0	18 22 42.56	.....	+72 41 56.5	....
23	51 Aurigæ	9	32 11.76	+ 0.09	+ 3.40	359 23 57.00	43.125	+ 6.23	− 0.6	6 32 15.25	.....	+39 28 12.0	....
24	*S* Monocerotis	9	35 49.73	− 0.02	+ **3.45**	28 52 1.62	44.870	+ 6.24	+ 33.0	6 35 53.11	.....	+ 9 58 54.2	....
25	24 H. Camelopardalis	9	46 31.88	+ 0.49	+ 3.40	321 45 54.20	47.170	+ 6.27	− 46.9	6 46 35.77	− 4.81	+77 5 28.0	+20.7
26	ι Canis Majoris	9	51 57.53	− 0.14	+ 3.40	55 45 58.80	44.705	+ 6.29	+1 27.8	6 52 0.79	− 1.40	−16 55 54.1	− 8.3
	October 15, Hl.												
27	Sun I, N	9	17 8.33	− 0.05	+ 3.36	46 49 52.42	46.762	+ 5.99	+1 1.7	13 17 11.64	+65.20	− 8 0 8.5	....
28	Sun II, S	9	19 18.72	− 0.05	+ 3.36	47 21 51.00	47.040	+ 5.99	+1 2.9	13 19 22.03	−65.19	− 8 32 14.4	....
29	Venus I, C	8	50 5.99	− 0.08	+ 3.36	49 15 53.22	48.432	+ 5.99	+1 7.1	13 50 9.27	+ 0.38	−10 26 52.7	....
30	Venus II	8	50 6.74	− 0.08	+ 3.36	... .	......	....	.....	13 50 10.02	− 0.37	.. ..	....
31	Mercury C, C	9	44 27.74	− 0.14	+ 3.36	57 11 56.05	47.081	+ 5.27	+1 29.2	14 44 30.96	+ 0.04	−18 22 46.0	....
32	θ Aquilæ	9	6 28.87	− 0.14	+ **3.25**	39 56	......	....	.....	20 6 32.06	.....	− 1 5	....
33	ρ Aquilæ	9	9 56.66	− 0.08	+ 3.33	23 55 52.22	45.078	+ 4.43	+ 25.8	20 9 59.91	− 1.45	+14 55 7.9	−19.0
34	4 Capricorni	5	12 32.39	− 0.23	+ 3.33	60 55 52.70	43.995	+ 4.44	+1 44.2	20 12 35.49	− 1.75	−22 5 46.5	− 6.8
35	ρ Capricorni	9	23 32.23	− 0.21	+ **3.21**	56 58	......	....	.....	20 23 35.35	.....	−18 7	....
36	ε Delphini	9	28 44.53	− 0.10	+ **3.40**	27 52	......	....	.....	20 28 47.76	.....	+10 59	....
37	λ Cygni	9	43 45.36	− 0.01	+ 3.33	2 41 50.72	45.662	+ 4.51	+ 2.8	20 43 48.68	.....	+36 9 18.8	....
38	μ Aquarii	9	47 36.93	− 0.17	+ **3.40**	48 10	......	....	.....	20 47 40.09	.....	− 9 19	....
39	Moon I, S	9	1 21.81	− 0.23	+ 3.33	58 55 51.95	46.672	+ 4.56	+1 36.7	21 1 24.91	+71.20	−20 6 39.5	....
40	ζ Capricorni	8	21 20.62	− 0.24	+ 3.33	61 37 54.85	46.292	+ 4.61	+1 47.9	21 21 23.71	.....	−22 48 44.9	....
41	g Cygni	9	25 59.64	+ 0.03	+ 3.33	352 43 49.10	43.825	+ 4.62	− 7.4	21 26 3.00	− 1.96	+46 8 12.3	−25.8
42	ξ Aquarii	9	32 47.00	− 0.16	+ **3.34**	47 6	......	....	.....	21 32 50.17	.....	− 8 16	....
43	ι Aquarii	9	1 24.06	− 0.20	+ **3.27**	53 10	......	....	.....	22 1 27.18	.....	−14 19	....
44	ι Pegasi	7	2 39.67	− 0.04	+ **3.41**	13 57 48.52	43.922	+ 4.71	+ 14.6	22 2 42.95	.....	+24 53 48.9	....
45	λ Cephei	9	8 20.30	+ 0.10	+ 3.32	339 53 48.55	45.692	+ 4.73	− 21.3	22 8 23.72	− 2.67	+58 57 43.9	−25.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 22 26	30.06	44.5	44.0
4 29	30.075	40.7	39.9
4 45	......	....	39.8
5 6	30.08	40.7	39.9
5 24	......	....	40.0
5 35	......	....	40.3
5 48	30.09	40.8	40.0
5 58	......	....	39.2
6 26	......	....	39.7
6 41	......	....	38.7
6 59	30.10	40.0	38.4
15 13 19	30.13	53.4	54.8
13 50	30.12	54.7	55.8
14 44	30.10	56.2	56.8
19 56	30.105	53.0	53.0
20 19	......	....	52.5
20 35	30.11	52.3	52.3
20 52	30.11	51.2	50.9
21 7	......	....	50.9
21 13	......	....	50.6
21 29	......	....	50.4
21 49	30.13	50.3	50.0
22 12	......	....	49.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at III, V.
2, 3.	Bisections at III, IV, V.
5, 10, 14, 18, 19, 24, 25, 27, 33, 37.	Bisections at I, II.
8.	Bisections at II, VII.
20, 28, 34, 44.	Bisections at VI, VII.
29, 31.	Bisections at I, II, VI, VII.
39.	Bisections at II, III, IV, V, VI.

Notes.

8. Very unsteady.
10. Very poor image.
22. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
27	+ 6.4	−16 2.9	...	−15 56.5
28	+ 6.5	+16 2.9	...	+16 9.4
29	+ 3.9	.. ...	0.0	+ 3.9
31	+ 6.5	.. ...	− 0.2	+ 6.3
39	+50 33.7	+16 8.8	...	+66 42.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	29 H. Camelopardalis s. p.	9	16 6.20	– 0.80	+ 3.32	303 35 46.08	45.772	+ 4.75	–1 27.6	10 16 8.72	.....	+84 43 8.6	....
	October 15, P.												
2	π³ Orionis	9	44 46.54	– 0.06	+ **3.29**	32 1 50.72	47.448	+ 5.58	+ 37.1	4 44 49.78	.....	+ 6 48 2.8	....
3	o¹ Orionis	8	47 15.35	– 0.03	+ 3.30	24 45 49.28	43.255	+ 5.59	+ 27.4	4 47 18.62	– 2.38	+14 5 49.3	– 4.3
4	57 H¹. Camelopardalis	9	52 58.57	+ 0.51	+ 3.30	324 55 46.98	46.845	+ 5.60	– 41.4	4 53 2.36	– 6.46	+73 55 38.5	+11.6
5	ε Aurigæ	8	55 17.30	+ 0.12	+ 3.30	355 9 47.85	46.678	+ 5.61	– 4.9	4 55 20.72	.....	+43 41 4.6	....
6	β Eridani	9	3 15.55	– 0.12	+ **3.32**	44 3 52.42	42.028	+ 5.62	+ 57.4	5 3 18.73	.....	– 5 12 15.6	....
7	α Aurigæ	9	9 48.79	+ 0.14	+ 3.30	352 57 49.48	44.010	+ 5.64	– 7.3	5 9 52.23	.....	+45 54 6.7	....
8	12 G. Columbæ	9	15 40.16	– 0.26	+ 3.30	66 17 51.88	42.375	+ 5.65	+2 14.6	5 15 43.20	– 1.84	–27 27 40.1	–13.2
9	γ Orionis	9	20 7.41	– 0.06	+ **3.35**	32 33 51.08	47.502	+ 5.66	+ 38.0	5 20 10.65	.....	+ 6 15 59.9	....
10	19 Camelopardalis	9	28 15.50	+ 0.30	+ 3.30	334 45 46.98	46.660	+ 5.68	– 27.9	5 28 19.10	– 4.13	+64 5 28.6	+12.5
11	ω Draconis s. p.	9	37 24.62	– 0.32	+ 3.30	287 41 46.68	47.933	+ 5.70	–3 3.0	17 37 27.60	.....	+68 48 24.4	....
12	κ Orionis	9	43 19.47	– 0.14	+ **3.28**	48 31 52.18	46.233	+ 5.72	+1 7.2	5 43 22.63	.....	– 9 42 1.4	....
13	α Orionis	9	50 6.97	– 0.05	+ **3.33**	31 27 50.28	43.792	+ 5.73	+ 36.4	5 50 10.22	.....	+ 7 23 27.1	....
14	μ Orionis	9	57 14.67	– 0.05	+ 3.30	29 11 49.88	45.452	+ 5.75	+ 33.3	5 57 17.92	– 1.98	+ 9 38 52.7	– 2.2
15	24 Ursæ Minoris s. p.	8	4 51.21	– 2.65	+ 3.30	305 51 45.65	47.931	+ 5.77	–1 21.8	18 4 51.86	+19.15	+87 0 4.4	–20.6
16	μ Geminorum	9	17 18.86	+ 0.01	+ **3.29**	16 17 49.98	44.138	+ 5.80	+ 17.5	6 17 22.17	.....	+22 33 38.3	....
17	χ Draconis s. p.	9	22 39.28	– 0.41	+ 3.30	291 35 46.45	45.195	+ 5.81	–2 28.7	18 22 42.17	.....	+72 41 56.0	....
18	13 Monocerotis	9	27 51.04	– 0.05	+ 3.30	31 25 49.45	47.350	+ 5.82	+ 36.4	6 27 54.29	– 1.79	+ 7 24 6.6	– 1.6
19	51 Aurigæ	9	32 11.86	+ 0.10	+ 3.30	359 23 48.70	43.485	+ 5.83	– 0.6	6 32 15.26	.....	+39 28 12.6	....
20	B. D.+61°903	9	36 17.42	+ 0.26	+ 3.30	337 31 47.70	44.115	+ 5.84	– 24.5	6 36 20.98	– 3.05	+61 20 23.0	+16.4
21	α Canis Majoris	9	41 1.37	– 0.18	+ 3.30	55 25 50.70	43.280	+ 5.85	+1 26.1	6 41 4.49	.....	–16 35 11.4	....
22	24 H. Camelopardalis	9	46 32.04	+ 0.64	+ 3.30	321 45 45.40	47.570	+ 5.87	– 46.6	6 46 35.98	– 4.93	+77 5 28.3	+20.7
23	ι Canis Majoris	9	51 57.66	– 0.18	+ 3.30	55 45 51.55	45.077	+ 5.88	+1 27.2	6 52 0.78	– 1.43	–16 55 54.5	– 8.2
24	h Geminorum	9	57 34.49	+ 0.05	+ 3.30	9 21 49.05	44.962	+ 5.89	+ 9.8	6 57 37.84	– 1.89	+29 29 27.8	+ 7.3
25	B. D.+77°276	8	0 33.36	+ 0.64	+ 3.30	321 39 46.35	46.905	+ 5.90	– 46.7	7 0 37.30	– 4.54	+77 11 42.7	+21.4
26	λ Geminorum	9	12 43.37	– 0.02	+ **3.27**	22 7 50.65	46.960	+ 5.92	+ 24.2	7 12 46.65	.....	+16 42 26.3	....
	October 16, P.												
27	Sun I, S.	9	20 51.65	– 0.12	+ 3.29	47 43 50.75	47.738	+ 6.02	+1 3.4	13 20 54.82	+65.26	– 8 54 30.9	....
28	Sun II, N.	9	23 2.18	– 0.12	+ 3.29	47 11 52.62	47.382	+ 6.02	+1 2.3	13 23 5.35	–65.27	– 8 22 23.3	....
29	Venus I, C.	9	54 49.13	– 0.15	+ 3.29	49 45 53.52	43.450	+ 5.63	+1 7.9	13 54 52.27	+ 0.43	–10 54 59.6	....
30	Venus II	9	54 49.99	– 0.15	+ 3.29	... .	....	.....	. .....	13 54 53.13	– 0.43	.. ..	....
31	Mercury I, C.	9	49 20.09	– 0.22	+ 3.28	57 39 51.68	45.275	+ 5.63	+1 30.2	14 49 23.15	+ 0.21	–18 50 1.8	....
32	θ Aquilæ	9	6 28.88	– 0.16	+ **3.25**	39 56	....	.....	. .....	20 6 32.00	.....	– 1 5	....
33	ρ Aquilæ	9	9 56.73	– 0.11	+ 3.28	23 55 51.00	45.160	+ 4.29	+ 25.7	20 9 59.90	– 1.43	+14 55 7.5	–19.0
34	α¹ Capricorni	9	12 28.37	– 0.22	+ 3.28	51 37 51.45	45.012	+ 4.30	+1 13.1	20 12 31.43	.....	–12 47 37.1	....
35	ρ Capricorni	9	23 32.18	– 0.24	+ **3.27**	56 58	....	.....	. .....	20 23 35.22	.....	–18 7	....
36	ε Delphini	9	28 44.69	– 0.12	+ **3.25**	27 52	....	.....	. .....	20 28 47.85	.....	+10 59	....
37	μ Aquarii	9	47 37.12	– 0.20	+ **3.23**	48 10	....	.....	. .....	20 47 40.20	.....	– 9 19	....
38	ζ Cygni	9	8 57.25	– 0.04	+ **3.24**	9 0	....	.....	. .....	21 9 0.48	.....	+29 51	....
39	ζ Capricorni	9	21 20.69	– 0.28	+ 3.27	61 37 52.95	46.437	+ 4.49	+1 47.4	21 21 23.68	.....	–22 48 45.7	....
40	g Cygni	9	25 59.74	+ 0.03	+ 3.27	352 43 47.85	43.860	+ 4.50	– 7.4	21 26 3.04	– 1.94	+46 8 13.0	–26.0
41	ξ Aquarii	9	32 47.10	– 0.20	+ **3.26**	47 6	....	.....	. .....	21 32 50.17	.....	– 8 16	....
42	16 Pegasi	9	48 48.62	– 0.06	+ **3.29**	13 21 48.92	44.490	+ 4.56	+ 13.9	21 48 51.83	.....	+25 29 36.1	....
43	Moon I, S.	9	0 51.63	– 0.25	+ 3.27	55 17 51.65	46.391	+ 4.60	+1 24.0	22 0 54.65	+69.51	–16 28 20.1	....
44	λ Cephei	9	8 20.40	+ 0.12	+ 3.27	339 53 47.50	45.755	+ 4.62	– 21.2	22 8 23.79	– 2.64	+58 57 43.7	–25.8
45	29 H. Camelopardalis s. p.	7	16 6.69	– 1.16	+ 3.27	303 35 45.65	45.775	+ 4.64	–1 27.2	10 16 8.80	.....	+84 43 8.6	....
46	32 H. Cephei	8	20 54.86	+ 1.35	+ 3.27	313 13 46.28	44.775	+ 4.65	–1 1.7	22 20 59.48	–10.96	+85 38 47.5	–24.1

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 22 24	30.13	49.7	49.1
4 42	30.16	44.5	43.8
5 0	......	....	43.4
5 21	......	....	43.1
5 48	30.17	43.0	....
5 49	......	....	42.6
6 0	......	....	42.1
6 20	......	....	41.6
6 42	......	....	42.5
7 1	......	....	43.6
7 15	30.19	43.0	44.0
16 13 23	30.25	57.6	58.9
13 56	30.24	58.6	60.0
14 51	30.23	61.0	62.1
20 4	30.20	57.0	56.0
20 19	......	....	55.7
21 18	30.20	55.1	54.0
21 29	......	....	53.6
21 46	......	....	53.1
22 11	......	....	52.8
22 27	30.20	53.3	52.1

Micrometer bisections are made at II, VI, except as noted below.

1, 11, 17.	Bisections at III, IV, V.
2, 27, 33.	Bisections at I, II.
3, 5, 10, 24, 28.	Bisections at VI, VII.
4, 7, 19, 20, 22, 40, 44.	Bisections at III, V.
8.	Bisections at II, VII.
9, 12, 21, 23, 39.	Bisections at II, VI, VII.
15.	Bisections at b_3, b_5, b_7, b_9.
25, 46.	Bisections at IV, V.
29, 31.	Bisections at I, II, VI, VII.
43.	Bisections at II, III, IV, V, VI.
45.	Bisections at b_1, b_3, b_5.

Notes.

11. Faint and unsteady.

15, 17. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
27	+ 6.5	+16 3.8	...	+16 10.3
28	+ 6.5	–16 3.8	...	–15 57.3
29	+ 4.0	.. ...	0.0	+ 4.0
31	+ 6.6	.. ...	–0.3	+ 6.3
43	+48 23.0	+16 6.1	...	+64 29.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	October 16, M.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Eridani	9	3 15.58	− 0.17	+ **3.37**	44 3 50.35	42.165	+ 5.70	+ 57.0	5 3 18.72	.....	− 5 12 16.3	....
2	μ Aurigæ	9	7 3.28	+ 0.04	+ 3.31	0 27 49.58	48.192	+ 5.70	+ 0.6	5 7 6.63	.....	+38 22 23.0	....
3	τ Orionis	9	13 4.38	− 0.17	+ **3.29**	45 47 51.65	42.718	+ 5.70	+1 0.6	5 13 7.52	.....	− 6 56 33.8	....
4	ο Orionis	9	16 59.80	− 0.14	+ 3.31	39 19 51.30	42.720	+ 5.70	+ 48.3	5 17 2.97	− 2.09	− 0 28 21.2	− 6.9
5	17 Camelopardalis	9	21 23.62	+ 0.21	+ 3.31	335 51 46.70	47.332	+ 5.70	− 26.3	5 21 27.14	.....	+62 59 12.5	....
6	74 B. Camelopardalis	9	27 19.54	+ 0.46	+ 3.30	323 53 46.08	44.040	+ 5.70	− 42.8	5 27 23.30	.....	+74 58 44.7	....
7	ζ Tauri	9	32 4.26	− 0.05	+ **3.30**	17 45 50.10	45.382	+ 5.70	+ 19.0	5 32 7.51	.....	+21 5 8.3	....
8	α Columbæ	9	36 15.67	− 0.36	+ 3.30	72 55 52.00	43.965	+ 5.70	+3 10.3	5 36 18.61	.....	−34 7 12.3	....
9	γ Leporis	9	40 33.97	− 0.27	+ 3.30	61 17 53.62	45.828	+ 5.70	+1 47.5	5 40 37.00	− 1.78	−22 28 33.7	−11.6
10	ν Aurigæ	9	45 1.99	+ 0.04	+ 3.30	359 43 49.32	46.190	+ 5.70	− 0.2	5 45 5.33	.....	+39 7 9.8	....
11	α Orionis	9	50 7.05	− 0.10	+ **3.33**	31 28	......	....	.....	5 50 10.25	.....	+ 7 23	....
12	35 Draconis s. p.	9	53 30.24	− 0.56	+ 3.30	295 51 45.48	46.515	+ 5.70	−2 0.6	17 53 32.98	.....	+76 58 53.1	....
13	δ Ursæ Minoris s. p.	9	1 57.22	− 2.17	+ 3.30	305 29 46.20	45.645	+ 5.70	−1 22.3	18 1 58.35	.....	+86 37 11.9	....
14	Groombridge 1004	9	11 24.44	+ 2.25	+ 3.30	312 7 46.12	43.995	+ 5.70	−1 5.0	6 11 29.99	−20.10	+86 45 7.6	+20.1
15	β Canis Majoris	9	18 34.88	− 0.24	+ **3.26**	56 43 50.92	46.422	+ 5.70	+1 29.9	6 18 37.94	.....	−17 54 27.0	....
16	10 Monocerotis	9	23 20.64	− 0.16	+ **3.34**	43 31 51.25	47.255	+ 5.70	+ 56.1	6 23 23.78	.....	− 4 42 12.6	....
17	23 H. Camelopardalis	9	30 25.02	+ 0.69	+ 3.30	319 11 47.00	47.280	+ 5.70	− 50.7	6 30 29.01	.....	+79 39 37.6	....
18	B. D.+77°256	8	35 2.31	+ 0.54	+ 3.30	321 47 46.28	44.165	+ 5.70	− 46.3	6 35 6.15	− 5.39	+77 4 45.2	+20.0
19	ψ⁵ Aurigæ	9	40 1.24	+ 0.07	+ 3.30	355 11 48.92	44.168	+ 5.70	− 4.9	6 40 4.61	.....	+43 40 1.2	....
20	43 Camelopardalis	9	43 40.98	+ 0.30	+ 3.30	329 51 45.60	46.935	+ 5.70	− 34.1	6 43 44.58	− 3.65	+68 59 30.4	+18.7
21	50 Draconis s. p.	9	49 18.03	− 0.49	+ 3.30	294 13 46.75	44.282	+ 5.70	−2 10.0	18 49 20.84	.....	+75 19 54.0	....
22	51 H. Cephei	9	57 22.28	+ 2.64	+ 3.30	311 39 46.00	48.648	+ 5.70	−1 6.0	6 57 28.22	.....	+87 11 22.3	....
23	B. D.+77°280	7	3 27.82	+ 0.53	+ 3.30	321 53 45.70	46.105	+ 5.70	− 46.1	7 3 31.65	− 4.52	+76 58 1.3	+21.4
24	51 Geminorum	9	8 0.39	− 0.07	+ 3.30	22 31 50.68	45.665	+ 5.70	+ 24.6	7 8 3.62	.....	+16 18 55.7	....
25	λ Geminorum	9	12 43.38	− 0.07	+ **3.34**	22 8	......	....	.....	7 12 46.61	.....	+16 42	....
26	δ Geminorum	9	14 32.68	− 0.04	+ **3.32**	16 41 49.92	45.508	+ 5.70	+ 17.8	7 14 35.94	.....	+22 9 6.9	....
27	143 B. Camelopardalis	9	21 12.00	+ 0.30	+ 3.30	330 11 48.02	48.077	+ 5.70	− 33.7	7 21 15.60	.....	+68 39 1.5	....
	October 17, M.												
28	Sun I, S.	9	24 35.39	− 0.17	+ 3.28	48 5 53.50	47.950	+ 5.25	+1 3.7	13 24 38.50	+65.23	− 9 16 38.0	....
29	Sun II, N	9	26 45.85	− 0.17	+ 3.28	47 33 53.82	47.715	+ 5.25	+1 2.5	13 26 48.96	−65.23	− 8 44 31.5	....
30	Venus I, C	9	59 33.14	− 0.19	+ 3.28	50 13 50.85	43.298	+ 5.25	+1 8.3	13 59 36.23	+ 0.30	−11 22 53.5	....
31	Venus II	9	59 33.73	− 0.19	+ 3.28	... .	......	....	....	13 59 36.82	− 0.29	.. ..	....
32	Mercury I, C	9	54 8.06	− 0.24	+ 3.27	58 5 50.50	45.576	+ 4.78	+1 31.0	14 54 11.09	+ 0.21	−19 16 7.4	....
33	θ Aquilæ	9	6 28.92	− 0.22	+ **3.25**	39 56	......	....	.....	20 6 31.96	.....	− 1 5	....
34	33 Cygni	9	11 11.96	+ 0.03	+ 3.26	342 33 47.88	46.470	+ 4.54	− 17.9	20 11 15.25	.....	+56 17 23.6	....
35	π Capricorni	9	21 58.82	− 0.31	+ **3.19**	57 22	......	....	.....	20 22 1.77	.....	−18 30	....
36	ρ Capricorni	9	23 32.23	− 0.30	+ **3.26**	56 58	......	....	.....	20 23 35.19	.....	−18 7	....
37	ε Delphini	9	28 44.73	− 0.17	+ **3.24**	27 52	......	....	.....	20 28 47.82	.....	+10 59	....
38	α Delphini	9	35 17.59	− 0.15	+ **3.28**	23 16	......	....	.....	20 35 20.70	.....	+15 35	....
39	η Cephei	9	43 22.24	+ 0.07	+ 3.25	337 23 46.00	42.355	+ 4.54	− 23.8	20 43 25.56	.....	+61 29 5.4	....
40	ζ Cygni	9	8 57.29	− 0.09	+ **3.23**	9 0	......	....	.....	21 9 0.45	.....	+29 51	....
41	358 B. Cygni	9	28 18.73	+ 0.01	+ 3.25	346 37 47.75	47.422	+ 4.54	− 13.6	21 28 21.99	− 1.99	+52 12 57.7	−26.6
42	ι Aquarii	9	1 24.14	− 0.28	+ **3.25**	53 10	......	....	.....	22 1 27.11	.....	−14 19	....
43	ι Pegasi	9	2 39.90	− 0.12	+ **3.23**	13 57 48.25	44.062	+ 4.54	+ 14.4	22 2 43.03	.....	+24 53 46.1	....
44	28 Pegasi	9	6 5.40	− 0.14	+ 3.25	18 19 49.82	44.340	+ 4.54	+ 19.1	22 6 8.51	− 2.11	+20 31 33.5	−21.4
45	32 Pegasi	9	17 0.69	− 0.10	+ 3.25	10 59 48.22	43.450	+ 4.54	+ 11.2	22 17 3.84	− 2.20	+27 52 3.5	−22.7
46	32 H. Cephei	8	20 54.86	+ 1.16	+ 3.25	313 13 45.58	44.750	+ 4.54	−1 1.1	22 20 59.27	−10.72	+85 38 48.3	−24.3
47	7 Lacertæ	9	27 26.82	0.00	+ 3.25	349 3 48.20	42.888	+ 4.54	− 11.1	22 27 30.07	.....	+49 48 38.4	....
48	31 Cephei	9	33 29.07	+ 0.22	+ 3.25	325 41 46.00	45.865	+ 4.54	− 39.2	22 33 32.54	− 4.12	+73 10 0.7	−24.8
49	η Pegasi	9	38 37.71	− 0.09	+ **3.24**	9 5 47.68	47.850	+ 4.54	+ 9.3	22 38 40.87	.....	+29 44 25.2	....
50	ι Cephei	9	46 22.29	+ 0.10	+ 3.25	333 9 45.72	42.698	+ 4.54	− 29.1	22 46 25.64	.....	+65 43 3.3	....
51	94 H¹. Aquarii	9	50 20.98	− 0.24	+ 3.25	44 19 50.30	43.605	+ 4.54	+ 56.4	22 50 23.99	− 2.30	− 5 28 47.4	−15.5
52	Moon I, S	9	57 40.39	− 0.27	+ 3.25	50 43 50.45	46.958	+ 4.54	+1 10.6	22 57 43.37	+67.81	−11 54 18.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 5 1	30.15	47.3	45.9
5 25	......	....	45.8
5 49	......	....	45.6
6 7	30.15	46.9	....
6 39	......	....	45.4
7 29	30.15	45.8	44.8
17 13 27	30.16	60.8	62.0
14 0	30.13	62.0	63.0
14 54	30.10	62.9	64.2
20 4	30.04	60.0	58.8
20 37	30.04	59.0	58.0
21 28	30.03	57.7	56.8
22 0	......	....	55.5
22 9	30.02	56.4	....
22 32	......	....	54.4
23 5	30.015	55.3	54.0

Micrometer bisections are made at II, VI, except as noted below.

5, 6, 17, 18, 20, 48, 50. Bisections at III, V.
12–14, 22, 27. Bisections at III, IV, V.
19, 28, 45. Bisections at I, II.
21. Bisections at III, IV.
23, 46. Bisections at IV, V.
29. Bisections at VI, VII.
30, 32. Bisections at I, II, VI, VII.
43. Bisections at II, VII.
52. Bisections at II, III, IV, V, VI.

Notes.

33–52. Thick haze.
46. Circle reading decreased 33′.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
28	+ 6.6	+16 3.2	...	+16 9.8
29	+ 6.5	−16 3.2	...	−15 56.7
30	+ 4.0	.. ...	0.0	+ 4.0
32	+ 6.7	.. ...	− 0.3	+ 6.4
52	+45 20.9	+16 1.8	...	+61 22.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	October 17, Hl.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	10 Camelopardalis........	9	55 9.50	+ 0.11	+ 3.16	338 33 48.45	44.432	+ 4.73	− 22.8	4 55 12.77	.....	+60 18 14.3	....
2	11 Orionis...............	9	59 14.59	− 0.11	+ **3.18**	23 33 50.10	46.752	+ 4.74	+ 25.5	4 59 17.64	.....	+15 16 31.7	....
3	β Eridani...............	9	3 15.82	− 0.19	+ **3.18**	44 4	......	....	. ....	5 3 18.79	.....	− 5 12	....
4	λ Aurigæ...............	9	12 35.76	0.00	+ 3.16	358 49 48.25	47.002	+ 4.77	− 1.1	5 12 38.92	.....	+40 0 54.1	....
5	25 Orionis...............	9	19 54.34	− 0.16	+ 3.16	37 5 50.90	42.605	+ 4.79	+ 44.0	5 19 57.34	− 2.13	+ 1 45 47.2	− 6.2
6	β Leporis...............	9	24 14.68	− 0.27	+ 3.16	59 39 51.20	44.382	+ 4.80	+1 39.3	5 24 17.57	− 1.90	−20 49 49.2	−11.4
7	22 Camelopardalis........	9	31 14.40	+ 0.08	+ 3.16	342 33 48.58	44.212	+ 4.82	− 18.2	5 31 17.64	− 3.53	+56 18 14.5	+10.5
8	ξ Aurigæ...............	9	47 3.31	+ 0.08	+ 3.16	343 9 47.82	47.625	+ 4.86	− 17.5	5 47 6.55	.....	+55 40 56.6	....
9	β Aurigæ...............	9	52 42.17	+ 0.02	+ 3.16	353 55 48.08	43.972	+ 4.87	− 6.1	5 52 45.35	.....	+44 56 8.4	....
10	24 Ursæ Minoris s. p.	9	4 49.17	− 1.90	+ 3.16	305 51 45.95	47.862	+ 4.91	−1 20.0	18 4 50.43	+20.05	+87 0 4.0	−20.3
11	μ Geminorum............	9	17 19.07	− 0.08	+ **3.23**	16 18	......	....	. ....	6 17 22.14	.....	+22 33	....
12	β Canis Majoris..........	8	18 35.06	− 0.26	+ **3.13**	56 43 50.80	46.498	+ 4.94	+1 28.6	6 18 37.95	.....	−17 54 26.7	....
13	χ Draconis s. p.	9	22 39.48	− 0.34	+ 3.15	291 35 45.60	45.188	+ 4.95	−2 25.4	18 22 42.29	.....	+72 41 56.5	....
14	γ Geminorum............	9	32 19.36	− 0.10	+ **3.10**	22 22	......	....	. ....	6 32 22.41	.....	+16 28	....
15	S Monocerotis............	9	35 50.22	− 0.13	+ **3.16**	28 51 51.02	45.370	+ 4.99	+ 32.2	6 35 53.24	.....	+ 9 58 55.3	....
16	α Canis Majoris..........	9	41 1.66	− 0.25	+ 3.15	55 25 51.15	43.362	+ 5.00	+1 24.5	6 41 4.56	.....	−16 35 11.2	....
17	24 H. Camelopardalis.....	9	46 32.51	+ 0.38	+ 3.15	321 45 45.32	47.550	+ 5.02	− 45.8	6 46 36.04	− 5.17	+77 5 28.5	+20.5
18	h Geminorum............	9	57 34.81	− 0.05	+ 3.15	9 22	......	....	. ....	6 57 37.91	.....	+29 33	....
19	B. D.+77°276.........	7	0 33.73	+ 0.39	+ 3.15	321 39 45.90	46.878	+ 5.05	− 46.0	7 0 37.27	− 4.78	+77 11 42.8	+21.3
20	λ Geminorum............	9	12 43.63	− 0.10	+ **3.15**	22 8	......	....	. ....	7 12 46.68	.....	+16 42	....
21	δ Geminorum............	9	14 32.85	− 0.08	+ **3.22**	16 42	......	....	. ....	7 14 35.92	.....	+22 9	....
	October 18, Hl.												
22	Sun I, S.	9	28 19.72	− 0.18	+ 3.14	48 27 52.00	48.058	+ 4.45	+1 2.8	13 28 22.68	+65.34	− 9 38 37.3	....
23	Sun II, N...............	9	30 30.39	− 0.18	+ 3.14	47 55 50.98	47.792	+ 4.45	+1 1.7	13 30 33.35	−65.33	− 9 6 28.8	....
24	Venus I, C.............	9	4 18.03	− 0.19	+ 3.14	50 39 50.95	47.579	+ 4.45	+1 7.7	14 4 20.98	+ 0.38	−11 50 30.0	....
25	Venus II...............	9	4 18.78	− 0.19	+ 3.14	... .	......	....	. ....	14 4 21.73	− 0.37	.. ..	....
26	π Aquarii...............	9	20 31.04	− 0.23	+ **3.02**	37 56	......	....	. ....	22 20 33.94	.....	+ 0 54	....
27	ζ Pegasi...............	9	36 48.74	− 0.20	+ **3.14**	28 30	......	....	. ....	22 36 51.67	.....	+10 21	....
28	Moon I, S.............	9	52 6.54	− 0.27	+ 3.12	45 33 49.00	49.196	+ 5.10	+ 58.9	23 52 9.39	+66.42	− 6 44 57.0	....
29	ε Piscium...............	9	58 6.71	− 0.21	+ **3.10**	31 28	......	....	. ....	0 58 9.62	.....	+ 7 23	....
30	ζ¹ Piscium...............	9	8 52.09	− 0.21	+ **3.10**	31 46	......	....	. ....	1 8 55.00	.....	+ 7 5	....
31	θ Ceti..................	9	19 22.24	− 0.28	+ **3.12**	47 30	......	....	. ....	1 19 25.08	.....	− 8 39	....
32	τ Ceti..................	9	39 44.59	− 0.32	+ **3.07**	55 16	......	....	. ....	1 39 47.38	.....	−16 25	....
33	ζ Ceti..................	9	46 52.01	− 0.29	+ **3.08**	49 40	......	....	. ....	1 46 54.83	.....	−10 47	....
34	ξ Piscium...............	9	48 44.22	− 0.23	+ **3.08**	36 8	......	....	. ....	1 48 47.10	.....	+ 2 44	....
	October 18, P.												
35	10 Camelopardalis........	9	55 9.58	+ 0.03	+ 3.11	338 33 47.00	44.442	+ 5.48	− 23.0	4 55 12.72	.....	+60 18 15.1	....
36	11 Orionis...............	9	59 14.71	− 0.16	+ **3.13**	23 33 49.80	46.718	+ 5.51	+ 25.7	4 59 17.66	.....	+15 16 31.6	....
37	β Eridani...............	9	3 15.92	− 0.25	+ **3.16**	44 3 51.85	42.065	+ 5.53	+ 57.0	5 3 18.78	.....	− 5 12 15.1	....
38	19 H. Camelopardalis.....	9	7 18.23	+ 0.31	+ 3.11	319 43 46.38	48.105	+ 5.56	− 49.7	5 7 21.65	.....	+79 7 18.6	....
39	β Leporis...............	9	24 14.82	− 0.33	+ 3.11	59 39 51.05	44.302	+ 5.66	+1 40.5	5 24 17.60	− 1.93	−20 49 49.3	−11.3
40	22 Camelopardalis........	8	31 14.54	0.00	+ 3.11	342 33 48.08	44.245	+ 5.71	− 18.4	5 31 17.65	− 3.57	+56 18 13.7	+10.3
41	ζ Orionis...............	9	36 3.09	− 0.23	+ **3.16**	40 49 49.60	45.378	+ 5.74	+ 51.0	5 36 5.97	.....	− 1 59 23.0	....
42	130 Tauri...............	9	42 0.15	− 0.16	+ 3.11	21 9 49.82	43.820	+ 5.78	+ 22.9	5 42 3.10	− 2.26	+17 41 40.4	− 0.3
43	ξ Aurigæ...............	9	47 3.42	0.00	+ 3.11	343 9 46.85	47.630	+ 5.81	− 17.8	5 47 6.53	.....	+55 40 56.9	....
44	β Aurigæ...............	9	52 42.24	− 0.05	+ 3.10	353 55 47.35	43.972	+ 5.85	− 6.2	5 52 45.29	.....	+44 56 8.4	....
45	μ Orionis...............	9	57 15.14	− 0.19	+ 3.10	29 11 50.50	45.448	+ 5.87	+ 33.1	5 57 18.05	− 2.07	+ 9 38 52.4	− 2.2
46	24 Ursæ Minoris s. p.	9	4 50.44	− 1.43	+ 3.10	305 51 45.32	47.902	+ 5.92	−1 21.2	18 4 52.11	+20.47	+87 0 4.0	−20.2
47	μ Geminorum............	9	17 19.27	− 0.14	+ **3.12**	16 17 49.52	44.160	+ 6.00	+ 17.3	6 17 22.23	.....	+22 33 38.3	....
48	ν Geminorum............	9	23 25.62	− 0.15	+ **3.09**	18 33 50.22	47.742	+ 6.04	+ 19.9	6 23 28.57	.....	+20 16 13.0	....
49	13 Monocerotis...........	9	27 51.51	− 0.19	+ 3.10	31 25 49.00	47.365	+ 6.07	+ 36.2	6 27 54.42	− 1.88	+ 7 24 6.6	− 1.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 4 46	[illegible]	[illegible]	47.7
5 5	......	....	47.6
5 27	......	....	48.0
5 57	29.89	48.3	48.1
6 14	......	....	48.8
6 29	......	....	47.6
6 51	......	....	46.3
7 18	[illegible]	47.1	46.7
18 13 31	[illegible]	66.9	[illegible]
14 4	29.845	[illegible]	71.0
23 40	29.925	54.7	53.9
23 56	......	....	52.9
4 53	29.96	45.6	43.6
5 10	......	....	43.2
5 28	......	....	43.0
5 50	......	....	42.1
6 21	29.97	[illegible]	41.8

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 5, 13, 22, 37, 45.	Bisections at I, II.
4.	Bisections at I, VI.
6.	Bisections at II, VI, VII.
10.	Bisections at b_2, b_5, b_8.
12, 19, 23.	Bisections at VI, VII.
24.	Bisections at I, II, VI, VII.
28.	Bisections at II, III, IV, V, VI.
35, 40, 43, 44.	Bisections at III, V.
38.	Bisections at IV, V.
46.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

1-21. Conditions poor.

6. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
22	+ 6.6	+16 4.2	...	+16 10.8
23	+ 6.5	−16 4.2	...	−15 57.7
24	+ 4.0	.. ....	0.0	+ 4.0
28	+41 33.3	+15 55.7	...	+57 29.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+61°903	9	36 17.91	+ 0.03	+ 3.10	337 31 47.20	44.118	+ 6.12	− 24.4	6 36 21.04	− 3.22	+61 20 23.1	+16.2
2	α Canis Majoris	9	41 1.71	− 0.31	+ 3.10	55 25 51.12	43.250	+ 6.14	+1 25.8	6 41 4.50	.....	−16 35 11.1	....
3	24 H. Camelopardalis	9	46 32.61	+ 0.24	+ 3.10	321 45 44.15	47.625	+ 6.19	− 46.5	6 46 35.95	− 5.28	+77 5 27.9	+20.5
4	ι Canis Majoris	9	51 58.09	− 0.31	+ 3.10	55 45 50.42	45.075	+ 6.23	+1 27.1	6 52 0.88	− 1.52	−16 55 53.5	− 8.1
5	h Geminorium	9	57 34.88	− 0.11	+ 3.10	9 21 48.12	44.980	+ 6.26	+ 9.8	6 57 37.87	− 1.99	+29 29 28.1	+ 7.3
6	B. D.+77°280	9	3 28.39	+ 0.24	+ 3.10	321 53 46.10	46.105	+ 6.30	− 46.4	7 3 31.73	− 4.74	+76 58 0.6	+21.4
7	λ Geminorum	9	12 43.74	− 0.16	+ **3.14**	22 7 49.45	46.982	+ 6.36	+ 24.2	7 12 46.68	.....	+16 42 26.6	....
8	τ Draconis s. p.	9	17 17.41	− 0.30	+ 3.10	292 3 45.72	48.992	+ 6.39	−2 24.8	19 17 20.21	.....	+73 11 26.5	....
9	β Canis Minoris	9	22 5.12	− 0.19	+ **3.18**	30 21 50.08	46.075	+ 6.42	+ 34.8	7 22 8.03	.....	+ 8 28 36.1	....
10	225 B. Draconis s. p.	9	27 15.78	− 0.47	+ 3.10	298 17 44.62	47.572	+ 6.45	−1 49.5	19 27 18.41	+ 1.90	+79 25 28.2	−25.6
	October 19, P.												
11	Sun I, N	9	32 4.49	− 0.21	+ 3.07	48 17 51.92	47.032	+ 6.19	+1 5.3	13 32 7.35	+65.54	− 9 28 18.0	....
12	Sun II, S	9	34 15.57	− 0.21	+ 3.07	48 49 52.15	47.595	+ 6.19	+1 6.5	13 34 18.43	−65.54	−10 0 32.0	....
13	Venus I, C	9	9 3.68	− 0.22	+ 3.07	51 5 51.68	50.744	+ 5.88	+1 12.0	14 9 6.53	+ 0.51	−12 17 48.8	....
14	Venus II	9	9 4.69	− 0.22	+ 3.07	... .	......	....	.....	14 9 7.54	− 0.50	.. ..	....
15	Mercury I, C	9	3 27.89	− 0.29	+ 3.07	58 53 51.80	46.959	+ 5.88	+1 35.8	15 3 30.67	+ 0.22	−20 4 46.2	....
16	ι Pegasi	9	2 40.01	− 0.05	+ **3.02**	13 57 49.85	43.878	+ 4.92	+ 14.7	22 2 43.00	.....	+24 53 48.1	....
17	28 Pegasi	9	6 5.56	− 0.07	+ 3.04	18 19 50.75	44.210	+ 4.94	+ 19.6	22 6 8.53	− 2.08	+20 31 34.7	−21.5
18	θ Aquarii	9	11 55.01	− 0.21	+ **2.98**	47 3 52.35	47.922	+ 4.97	+1 3.3	22 11 57.85	.....	− 8 14 35.4	....
19	31 Pegasi	9	16 55.63	− 0.11	+ 3.04	27 5 51.40	46.562	+ 5.00	+ 30.2	22 16 58.56	− 2.13	+11 44 29.8	−19.5
20	32 H. Cephei	9	20 53.72	+ 1.81	+ 3.04	313 13 46.48	44.713	+ 5.02	−1 2.3	22 20 58.57	−10.26	+85 38 49.0	−24.8
21	κ Aquarii	9	32 55.83	− 0.19	+ 3.03	43 33 51.30	42.105	+ 5.09	+ 56.0	22 32 58.67	− 2.20	− 4 42 14.3	−15.3
22	ζ Pegasi	9	36 48.71	− 0.11	+ **3.07**	28 29 50.95	45.025	+ 5.11	+ 32.0	22 36 51.63	.....	+10 21 3.5	....
23	67 Aquarii	9	38 22.35	− 0.20	+ 3.03	46 17 52.18	43.220	+ 5.12	+1 1.6	22 38 25.18	− 2.24	− 7 26 46.5	−14.7
24	γ Piscis Australis	9	47 21.36	− 0.40	+ 3.03	72 9 53.42	46.508	+ 5.17	+3 1.8	22 47 23.99	− 2.46	−33 22 2.7	− 7.9
25	94 H¹. Aquarii	9	50 21.07	− 0.19	+ 3.03	44 19 51.42	43.422	+ 5.18	+ 57.6	22 50 23.91	− 2.28	− 5 28 46.2	−15.3
26	c¹ Aquarii	9	1 40.96	− 0.31	+ 3.03	63 3 52.00	45.628	+ 5.25	+1 55.8	23 1 43.68	− 2.41	−24 14 35.4	−10.8
27	59 Pegasi	9	7 1.86	− 0.11	+ 3.03	30 37 50.22	44.555	+ 5.28	+ 35.0	23 7 4.78	− 2.35	+ 8 13 11.6	−18.4
28	γ Piscium	9	12 20.21	− 0.14	+ **3.00**	36 3 51.18	45.448	+ 5.31	+ 43.0	23 12 23.10	.....	+ 2 46 42.4	....
29	o Cephei	9	14 48.89	+ 0.33	+ 3.03	331 15 46.55	44.162	+ 5.32	− 32.2	23 14 52.25	.....	+67 36 31.3	....
30	1 H. Cassiopeiæ	9	25 44.23	+ 0.20	+ 3.03	340 49 47.88	43.628	+ 5.38	− 20.4	23 25 47.46	− 3.43	+58 2 30.4	−22.7
31	ι¹ Aquarii	9	39 22.44	− 0.26	+ **3.06**	57 37 50.75	43.512	+ 5.46	+1 33.0	23 39 25.21	.....	−18 47 23.2	....
32	φ Pegasi	9	47 44.89	− 0.06	+ **3.06**	20 13 49.62	46.885	+ 5.51	+ 21.8	23 47 47.86	.....	+18 36 32.1	....
33	ρ Cassiopeiæ	9	49 44.32	+ 0.20	+ 3.03	341 51 48.65	46.880	+ 5.52	− 19.2	23 49 47.55	− 3.60	+56 59 13.9	−21.1
34	128 H¹. Camelopardalis s. p.	8	59 45.15	− 2.42	+ 3.03	304 59 46.12	42.275	+ 5.57	−1 24.0	11 59 45.76	+17.57	+86 5 53.2	+17.3
35	4 H. Draconis s. p.	9	7 43.63	− 0.80	+ 3.03	297 1 46.55	43.235	+ 5.62	−1 55.0	12 7 45.86	.....	+78 7 44.7	....
36	44 Piscium	9	20 37.77	− 0.14	+ **3.04**	37 25 51.02	42.640	+ 5.69	+ 45.3	0 20 40.66	.....	+ 1 25 43.9	....
37	Moon I, S	9	44 47.22	− 0.14	+ 3.03	40 9 49.95	48.024	+ 5.83	+ 50.0	0 44 50.11	+65.48	− 1 20 23.0	....
	October 20, Hl.												
38	Moon I, S	9	36 27.04	− 0.09	+ 2.93	34 49 51.28	45.687	+ 5.37	+ 41.0	1 36 29.88	+64.95	+ 4 0 38.6	....
39	Moon II	9	38 36.93	− 0.09	+ 2.93	... .	......	....	.....	1 38 39.77	−64.94	.. ..	....
40	ξ¹ Ceti	9	8 4.06	− 0.07	+ **2.91**	30 28	......	....	.....	2 8 6.91	.....	+ 8 24	....
41	67 Ceti	9	12 20.57	− 0.14	+ **2.83**	45 42	......	....	.....	2 12 23.35	.....	− 6 50	....
42	ξ² Ceti	9	23 12.72	− 0.07	+ **2.86**	30 50	......	....	.....	2 23 15.57	.....	+ 8 2	....
43	ν Ceti	9	30 59.41	− 0.08	+ **2.90**	33 40	......	....	.....	2 31 2.25	.....	+ 5 11	....
44	ν Arietis	9	33 32.03	− 0.01	+ **2.92**	17 17	......	....	.....	2 33 34.94	.....	+21 33	....
	October 20, M.												
45	χ Aurigæ	9	26 40.07	+ 0.07	+ 2.98	6 43 50.12	45.375	+ 6.39	+ 7.1	5 26 43.12	.....	+32 7 19.7	....
46	θ¹ Orionis	9	30 41.58	− 0.12	+ 2.98	44 17 52.98	43.758	+ 6.39	+ 58.1	5 30 44.44	− 2.08	− 5 26 57.1	− 7.4
47	α Columbæ	8	36 16.12	− 0.32	+ 2.98	72 55 52.32	43.847	+ 6.39	+3 12.2	5 36 18.78	.....	−34 7 12.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 6 32	......	....	41.5
6 53	......	....	40.2
7 13	......	....	40.0
7 29	29.995	42.0	39.5
19 13 34	30.035	51.9	50.9
14 9	30.02	52.6	51.5
15 3	30.00	53.9	52.8
22 0	29.98	45.8	44.0
22 34	......	....	43.8
22 40	......	....	43.8
22 58	29.98	44.7	43.1
23 20	......	....	43.0
23 42	......	....	42.6
23 56	......	....	42.0
0 3	......	....	41.9
0 22	29.95	43.0	41.8
0 48	29.98	43.5	42.0
20 1 36	29.93	43.9	42.9
5 22	30.00	41.0	39.4

Micrometer bisections are made at II, VI, except as noted below.

1, 3, 29, 30, 33.	Bisections at III, V.
6.	Bisections at IV, V.
8, 10, 35.	Bisections at III, IV, V.
11, 19, 22, 28, 32.	Bisections at I, II.
12, 23.	Bisections at VI, VII.
13, 15.	Bisections at I, II, VI, VII.
20, 34.	Bisections at b_1, b_3, b_5, b_7, b_9.
24.	Bisections at I, II, VI.
37, 38.	Bisections at II, III, IV, V, VI.
47.	Bisections at II, VI, VII.

Notes.

21. Micrometer reading increased 1 rev.
38–44. Clouds.
47. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 6.6	−16 7.0	...	−16 0.4
12	+ 6.6	+16 7.0	...	+16 13.6
13	+ 4.0	.. ....	0.0	+ 4.0
15	+ 6.9	.. ....	− 0.3	+ 6.6
37	+37 12.8	+15 47.9	...	+53 0.7
38	+32 36.5	+15 38.8	...	+48 15.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	130 Tauri	9	42 0.14	0.00	+ 2.98	21 9 49.60	43.850	+ 6.39	+ 23.1	5 42 3.12	− 2.31	+17 41 39.3	− 0.3
2	ν Aurigæ	7	45 2.33	+ 0.11	+ 2.98	359 43 49.02	46.155	+ 6.39	− 0.2	5 45 5.42	.....	+39 7 10.2	....
3	α Orionis	8	50 7.41	− 0.05	+ **3.03**	31 28	......	....	. ....	5 50 10.34	.....	+ 7 23	....
4	δ Aurigæ	9	51 52.36	+ 0.22	+ 2.98	344 35 47.78	43.470	+ 6.39	− 16.3	5 51 55.56	.....	+54 16 28.8	....
5	δ Ursæ Minoris s. p.	9	1 56.50	− 2.46	+ 2.98	305 29 46.55	45.628	+ 6.39	−1 23.2	18 1 57.02	.....	+86 37 11.6	....
6	Groombridge 1004	7	11 25.96	+ 2.65	+ 2.98	312 7 47.50	43.928	+ 6.39	−1 5.7	6 11 31.59	−21.72	+86 45 7.9	+19.6
7	β Canis Majoris	7	18 35.24	− 0.19	+ **2.96**	56 43 51.02	46.368	+ 6.39	+1 30.9	6 18 38.03	.....	−17 54 27.6	....
8	10 Monocerotis	7	23 20.97	− 0.11	+ **3.07**	43 31 51.08	47.198	+ 6.39	+ 56.7	6 23 23.84	.....	− 4 42 12.4	....
9	23 H. Camelopardalis	9	30 26.01	+ 0.85	+ 2.98	319 11 46.40	47.292	+ 6.39	− 51.3	6 30 29.84	.....	+79 39 38.0	....
10	156 H¹. Draconis s. p.	8	34 9.27	− 0.62	+ 2.98	296 21 44.42	46.507	+ 6.39	−1 59.4	18 34 11.63	+ 3.17	+77 28 53.8	−22.8
11	43 Camelopardalis	9	43 41.52	+ 0.41	+ 2.98	329 51 47.48	46.862	+ 6.39	− 34.5	6 43 44.91	− 3.94	+68 59 29.9	+18.5
12	50 Draconis s. p.	9	49 18.18	− 0.52	+ 2.98	294 13 46.92	44.310	+ 6.39	−2 11.6	18 49 20.64	.....	+75 19 53.9	....
13	51 H. Cephei	7	57 24.66	+ 3.10	+ 2.97	311 39 45.48	48.672	+ 6.39	−1 6.8	6 57 30.73	.....	+87 11 22.5	....
14	δ Canis Majoris	9	4 35.33	− 0.26	+ 2.97	65 3 52.70	45.032	+ 6.39	+2 8.2	7 4 38.04	.....	−26 14 35.9	....
15	51 Geminorum	9	8 0.71	− 0.01	+ 2.97	22 31 50.72	45.595	+ 6.39	+ 24.9	7 8 3.67	.....	+16 18 56.1	....
16	λ Geminorum	9	12 43.78	− 0.01	+ **3.01**	22 8	......	....	. ....	7 12 46.74	.....	+16 42	....
17	δ Geminorum	9	14 33.07	+ 0.02	+ **3.00**	16 41 50.82	45.425	+ 6.39	+ 18.0	7 14 36.06	.....	+22 9 7.1	....
18	66 Aurigæ	9	17 41.25	+ 0.12	+ 2.97	357 59 50.00	46.955	+ 6.39	− 2.0	7 17 44.34	.....	+40 50 52.7	....
19	ρ Geminorum	9	23 6.81	+ 0.07	+ 2.97	6 53 50.08	43.622	+ 6.39	+ 7.3	7 23 9.85	.....	+31 57 59.6	....
20	α Geminorum (*fol.*)	9	28 38.92	+ 0.07	+ 2.97	6 45 49.62	45.218	+ 6.39	+ 7.2	7 28 41.96	.....	+32 5 23.7	....
21	25 Monocerotis	9	32 37.93	− 0.11	+ 2.97	42 43 52.28	47.128	+ 6.39	+ 55.4	7 32 40.79	.....	− 3 54 10.7	....
22	β Geminorum	9	39 36.34	+ 0.05	+ **2.98**	10 35 48.95	46.345	+ 6.39	+ 11.3	7 39 39.36	.....	+28 14 54.5	....
	October 21, M.												
23	Sun I, N	9	39 35.96	− 0.09	+ 2.97	49 1 53.68	45.088	+ 5.45	+1 7.7	13 39 38.84	+65.60	−10 11 37.0	....
24	Sun II, S	9	41 47.17	− 0.09	+ 2.97	49 33 53.52	45.512	+ 5.45	+1 9.0	13 41 50.05	−65.61	−10 43 47.5	....
25	Venus I, C	9	18 38.07	− 0.10	+ 2.97	52 1 51.90	44.821	+ 5.45	+1 15.2	14 18 40.94	+ 0.39	−13 11 36.5	....
26	Venus II	9	18 38.83	− 0.10	+ 2.97	... .	......	....	. ....	14 18 41.70	− 0.37	.. ..	....
27	32 Pegasi	9	17 0.79	+ 0.05	+ 2.96	10 59 49.52	43.308	+ 5.58	+ 11.6	22 17 3.80	− 2.15	+27 52 3.8	−23.0
28	π Aquarii	9	20 30.94	− 0.07	+ **2.93**	37 56	......	....	. ....	22 20 33.82	.....	+ 0 54	....
29	ζ Aquarii (*mean*)	9	24 1.92	− 0.08	+ 2.95	39 19 52.08	45.742	+ 5.58	+ 48.7	22 24 4.79	− 2.15	− 0 29 31.4	−16.4
30	η Aquarii	9	30 34.04	− 0.08	+ **2.91**	39 26	......	....	. ....	22 30 36.91	.....	− 0 35	....
31	49 G. Piscis Australis	9	33 36.21	− 0.30	+ 2.95	72 21 54.58	45.805	+ 5.58	+3 5.4	22 33 38.86	− 2.40	−33 33 51.9	− 7.1
32	ζ Pegasi	9	36 48.71	− 0.03	+ **2.97**	28 30	......	....	. ....	22 36 51.63	.....	+10 21	....
33	η Pegasi	9	38 37.80	+ 0.06	+ **2.95**	9 6	......	....	. ....	22 38 40.81	.....	+29 44	....
34	ι Cephei	9	46 22.22	+ 0.32	+ 2.95	333 9 47.48	42.545	+ 5.58	− 30.0	22 46 25.49	.....	+65 43 4.9	....
35	c¹ Aquarii	9	1 40.97	− 0.22	+ 2.95	63 3 52.90	45.572	+ 5.58	+1 56.7	23 1 43.70	− 2.39	−24 14 36.2	−10.5
36	γ Piscium	9	12 20.22	− 0.06	+ **2.90**	36 4	......	....	. ....	23 12 23.11	.....	+ 2 46	....
37	11 G. Sculptoris	9	16 18.09	− 0.25	+ 2.95	66 17 54.10	47.410	+ 5.58	+2 15.0	23 16 20.79	− 2.46	−27 29 37.7	−10.0
38	κ Piscium	8	22 9.40	− 0.08	+ **2.99**	38 6	......	....	. ....	23 22 12.27	.....	+ 0 45	....
39	ω Piscium	9	54 31.77	− 0.05	+ **2.93**	32 30	......	....	. ....	23 54 34.67	.....	+ 6 21	....
40	κ Cassiopeiæ	9	27 43.47	+ 0.28	+ 2.95	336 25 46.28	46.788	+ 5.58	− 25.9	0 27 46.70	− 4.39	+62 25 25.0	−18.6
	October 21, Hl.												
41	Moon N	.	.. ..	....	....	29 17 52.88	46.307	+ 5.45	+ 33.7	.. ..	.....	+ 9 32 33.4	....
42	Moon II, S	9	29 58.12	− 0.02	+ 2.88	29 49 51.62	44.323	+ 5.45	+ 34.4	2 30 0.98	−65.08	+ 9 1 12.5	....
43	δ Fornacis	9	38 32.82	− 0.26	+ 2.87	71 3 54.95	41.215	+ 5.82	+2 53.5	3 38 35.43	− 2.39	−32 13 55.7	−13.6
44	τ⁷ Eridani	.	.. ..	....	....	62 59 53.85	42.735	+ 5.82	+1 57.4	3 43	.....	−24 9 33.3	−13.0
45	ξ Persei	9	52 55.93	+ 0.13	+ 2.87	3 19 50.22	45.145	+ 5.82	+ 3.6	3 52 58.93	.....	+35 31 28.9	....
46	A Tauri	9	59 11.67	+ 0.06	+ **2.83**	17 2	......	....	. ....	3 59 14.60	.....	+21 49	....
47	c Persei	9	1 55.07	+ 0.20	+ 2.87	351 23 49.52	44.750	+ 5.82	− 9.0	4 1 58.14	.....	+47 27 51.1	....
48	87 B. Draconis s. p.	9	5 58.38	− 0.24	+ 2.87	286 57 48.98	45.895	+ 5.82	−3 13.4	16 6 1.01	.....	+68 3 29.1	....
49	μ Tauri	9	10 28.72	0.00	+ 2.87	30 11 51.45	43.182	+ 5.82	+ 34.9	4 10 31.59	− 2.57	+ 8 39 41.3	− 7.5
50	δ Tauri	9	17 34.01	+ 0.04	+ **2.86**	21 31 52.00	43.985	+ 5.82	+ 23.7	4 17 36.92	.....	+17 19 33.6	....
51	ε Tauri	9	23 10.91	+ 0.04	+ **2.86**	19 51 52.95	46.728	+ 5.82	+ 21.7	4 23 13.82	.....	+18 58 32.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 5 40	......	....	38.7
6 7	30.01	40.0	38.1
6 26	......	....	37.9
6 48	30.03	39.4	37.6
7 45	30.05	37.8	36.8
21 13 40	30.14	47.9	47.1
14 19	30.13	48.1	48.0
22 13	30.07	42.2	41.2
22 32	......	....	41.2
23 14	......	....	40.8
23 27	30.07	41.2	....
23 37	......	....	39.9
0 31	30.07	39.8	38.8
2 30	30.05	38.0	36.5
3 30	30.06	37.8	36.0
3 46	......	....	36.1
4 15	......	....	36.0
4 26	......	....	35.8

Micrometer bisections are made at II, VI, except as noted below.

1, 17, 23, 48. Bisections at I, II.
5, 10, 12. Bisections at III, IV, V.
6. Bisections at b_1, b_2, b_5.
9, 13. Bisections at III, IV.
11, 40. Bisections at III, V.
14. Bisections at I, II, VI.
15, 24. Bisections at VI, VII.
25. Bisections at I, II, VI, VII.
34. Bisections at II, III.
41. Bisections at I, II, III.
42. Bisections at V, VI, VII.
43. Bisections at II, VII.

Notes.
3, 12, 14. Poor.
10. Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+ 6.7	−16 5.3	...	−15 58.6
24	+ 6.7	+16 5.2	...	+16 11.9
25	+ 4.1	.. ....	0.0	+ 4.1
41	+27 37.3	−15 27.0	+ 0.1	+12 10.4
42	+28 4.3	+15 27.0	...	+43 31.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*A* Draconis s. p.	9	28 4.18	− 0.24	+ 2.87	287 51 49.40	47.738	+ 5.82	−3 3.3	16 28 6.81	.....	+68 58 21.9	....
2	70 B. Ursæ Minoris s. p.	9	34 29.56	− 0.50	+ 2.87	296 31 48.10	44.352	+ 5.82	−1 59.2	16 34 31.93	+ 6.09	+77 38 7.8	−12.3
3	o^1 Orionis	9	47 15.88	+ 0.02	+ 2.87	24 45 50.48	43.208	+ 5.82	+ 27.7	4 47 18.77	− 2.53	+14 5 48.8	− 4.3
4	*k* Tauri	9	52 27.58	+ 0.07	+ 2.87	13 55 50.98	47.330	+ 5.82	+ 15.0	4 52 30.52	− 2.71	+24 54 26.8	− 1.3
5	11 Orionis	9	59 14.87	+ 0.03	+ **2.86**	23 34	......	....	. ....	4 59 17.77	.....	+15 16	....
6	β Eridani	9	3 16.04	− 0.06	+ **2.93**	44 4	......	....	. ....	5 3 18.85	.....	− 5 12	....
7	19 H. Camelopardalis	9	7 18.49	+ 0.74	+ 2.87	319 43 48.40	47.995	+ 5.82	− 50.6	5 7 22.10	.....	+79 7 19.1	....
8	λ Aurigæ	9	12 36.00	+ 0.14	+ 2.87	358 49 51.50	46.805	+ 5.82	− 1.1	5 12 39.01	.....	+40 0 54.1	....
9	12 G. Columbæ	8	15 40.65	− 0.20	+ 2.87	66 17 54.50	42.175	+ 5.82	+2 16.2	5 15 43.32	− 2.01	−27 27 40.1	−12.4
10	18 Camelopardalis	9	24 36.59	+ 0.25	+ 2.87	341 41 49.42	47.022	+ 5.82	− 19.8	5 24 39.71	− 3.82	+57 9 10.1	+ 9.7
11	φ^1 Orionis	9	29 42.29	0.00	+ 2.87	29 25 51.82	43.272	+ 5.82	+ 33.9	5 29 45.16	− 2.28	+ 9 25 39.7	− 3.4
12	ω Draconis s. p.	9	37 24.80	− 0.21	+ 2.86	287 41 48.62	47.880	+ 5.82	−3 5.3	17 37 27.45	.....	+68 48 22.6	....
13	ζ Leporis	9	42 43.73	− 0.11	+ 2.86	53 41 54.40	43.450	+ 5.82	+1 21.7	5 42 46.48	.....	−14 51 14.5	....
14	ν Orionis	9	2 15.03	+ 0.02	+ **2.92**	24 4	......	....	. ....	6 2 17.91	.....	+14 46	....
15	η Geminorium	9	9 15.22	+ 0.06	+ **2.90**	16 20	......	....	. ....	6 9 18.14	.....	+22 32	....
	October 22, Hl.												
16	Sun I	9	43 22.73	− 0.13	+ 2.82	49 40	......	....	. ....	13 43 25.42	+65.73	.. ..	....
17	Sun II	9	45 34.19	− 0.13	+ 2.82	... .	......	....	. ....	13 45 36.88	−65.73	.. ..	....
18	Venus I, C	9	23 27.02	− 0.14	+ 2.81	52 27 52.05	45.900	+ 5.45	+1 14.9	14 23 29.69	+ 0.37	−13 38 1.0	....
19	Venus II	9	23 27.74	− 0.14	+ 2.81	... .	......	....	. ....	14 23 30.41	− 0.35	.. ..	....
20	5 B. Ursæ Minoris s. p.	9	13 44.06	− 2.48	+ 2.76	305 49 47.40	44.702	+ 5.26	−1 20.1	12 13 44.34	+23.80	+86 56 53.2	+17.3
21	49 G. Ceti	9	25 43.77	− 0.24	+ 2.76	63 7 53.95	43.928	+ 5.26	+1 54.4	0 25 46.29	− 2.57	−24 17 57.1	−12.0
22	319 B. Cephei	9	32 50.97	+ 0.97	+ 2.76	316 53 48.55	43.518	+ 5.26	− 54.2	0 32 54.70	−11.66	+81 59 5.1	−16.9
23	ζ Andromedæ	9	42 24.45	+ 0.01	+ **2.78**	15 5 51.98	43.305	+ 5.26	+ 15.7	0 42 27.22	.....	+23 45 57.7	....
24	20 Ceti	9	48 15.28	− 0.11	+ **2.69**	40 29 51.28	43.615	+ 5.26	+ 49.6	0 48 17.93	.....	− 1 38 42.5	....
25	1 B. Ursæ Minoris	6	58 19.47	+ 5.28	+ 2.76	310 21 45.35	42.567	+ 5.26	−1 8.1	0 58 27.51	−61.35	+88 31 44.9	−13.7
26	*f* Piscium	9	13 0.03	− 0.08	+ 2.75	35 43 51.92	42.820	+ 5.26	+ 41.8	1 13 2.70	.....	+ 3 7 42.8	....
27	θ Ceti	9	19 22.52	− 0.14	+ **2.72**	47 29 52.30	45.268	+ 5.26	+1 3.5	1 19 25.13	.....	− 8 39 35.2	....
28	38 Cassiopeiæ	9	24 20.71	+ 0.37	+ 2.75	329 3 47.35	47.255	+ 5.26	− 34.7	1 24 23.83	.....	+69 47 22.1	....
29	υ Persei	9	32 17.58	+ 0.14	+ 2.75	350 41 50.35	45.295	+ 5.26	− 9.5	1 32 20.47	.....	+48 9 38.9	....
30	ν Piscium	9	36 35.42	− 0.07	+ **2.80**	33 50	......	....	. ....	1 36 38.10	.....	+ 5 1	....
31	τ Ceti	8	39 44.82	− 0.18	+ **2.72**	55 15 53.00	43.910	+ 5.26	+1 23.8	1 39 47.39	.....	−16 25 25.1	....
32	2 Persei	9	46 15.12	+ 0.15	+ 2.75	348 31 50.02	44.012	+ 5.26	− 11.7	1 46 18.02	− 3.90	+50 20 10.8	−12.6
33	γ Andromedæ	9	58 11.91	+ 0.10	+ 2.75	356 57 51.12	46.180	+ 5.26	− 3.0	1 58 14.76	.....	+41 53 11.5	....
34	β Trianguli	9	4 0.77	+ 0.06	+ 2.75	4 17 50.32	46.282	+ 5.26	+ 4.4	2 4 3.58	.....	+34 33 2.6	....
35	ξ^1 Ceti	9	8 4.21	− 0.06	+ **2.77**	30 25 51.00	45.420	+ 5.26	+ 34.2	2 8 6.90	.....	+ 8 24 51.9	....
36	ο Ceti	9	14 38.84	− 0.11	+ 2.75	42 13 54.00	46.190	+ 5.26	+ 52.9	2 14 41.48	.....	− 3 23 47.4	....
37	ξ^2 Ceti	9	23 12.79	− 0.06	+ **2.80**	30 47 51.52	45.492	+ 5.26	+ 34.7	2 23 15.48	.....	+ 8 2 49.2	....
38	36 H. Cassiopeiæ	9	29 14.34	+ 0.43	+ 2.75	326 27 46.52	43.705	+ 5.26	− 38.5	2 29 17.52	.....	+72 24 47.8	....
	October 23, P.												
39	Sun I, S	9	47 10.28	− 0.18	+ 2.73	50 15 54.65	47.230	+ 6.09	+1 7.0	13 47 12.83	+65.87	−11 26 26.8	....
40	Sun II, N	9	49 22.03	− 0.18	+ 2.73	49 43 54.75	46.810	+ 6.09	+1 5.6	13 49 24.58	−65.88	−10 54 15.7	....
41	Mercury I, C	7	20 41.59	− 0.31	+ 2.73	60 15 52.75	45.042	+ 5.00	+1 36.8	15 20 44.01	+ 0.24	−21 26 3.5	....
42	ι Pegasi	9	2 40.30	− 0.07	+ **2.69**	13 57 46.42	44.040	+ 5.46	+ 14.2	22 2 42.95	.....	+24 53 47.7	....
43	28 Pegasi	9	6 5.84	− 0.09	+ 2.72	18 19 45.18	44.490	+ 5.46	+ 18.9	22 6 8.47	− 2.03	+20 31 34.0	−21.7
44	θ Aquarii	9	11 55.31	− 0.22	+ **2.65**	47 3 48.12	48.190	+ 5.46	+1 1.3	22 11 57.81	.....	− 8 14 35.9	....
45	ρ Aquarii	9	15 18.07	− 0.22	+ 2.72	47 7 48.85	44.222	+ 5.46	+1 1.4	22 15 20.57	− 2.11	− 8 17 6.0	−14.0
46	3 Lacertæ	9	19 53.79	+ 0.07	+ 2.72	347 5 43.60	44.345	+ 5.46	− 13.0	22 19 56.58	.....	+51 46 10.8	....
47	7 Lacertæ	9	27 27.36	+ 0.06	+ 2.72	349 3 42.45	43.085	+ 5.46	− 11.0	22 27 30.14	.....	+49 48 38.7	....
48	κ Aquarii	9	32 56.16	− 0.20	+ 2.72	43 33 44.02	42.510	+ 5.46	+ 54.4	22 32 58.68	− 2.16	− 4 42 15.0	−15.1
49	ζ Pegasi	9	36 49.06	− 0.13	+ **2.70**	28 29 44.12	45.392	+ 5.46	+ 31.1	22 36 51.65	.....	+10 21 2.5	....
50	67 Aquarii	9	38 22.61	− 0.22	+ 2.72	46 17 45.42	43.610	+ 5.46	+ 59.9	22 38 25.11	− 2.20	− 7 26 47.0	−14.5
51	γ Piscis Australis	9	47 21.68	− 0.41	+ 2.72	72 9 45.92	47.110	+ 5.46	+2 56.6	22 47 23.99	− 2.41	−33 22 3.9	− 7.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 4 42	30.04	37.1	35.9
5 22	......	....	35.2
5 46	30.04	36.8	35.1
22 14 23	29.94	53.9	54.0
0 2	29.78	47.6	47.0
0 28	......	....	47.0
0 47	......	....	46.9
1 8	29.765	48.3	46.7
1 29	......	....	46.1
1 49	......	....	46.0
2 18	......	....	45.8
2 39	29.75	46.8	45.2
23 13 49	29.67	63.8	66.2
15 23	29.64	65.2	67.9
22 0	29.74	56.3	56.2
22 21	......	....	55.0
22 40	......	....	53.9

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at I, VI.
2.	Bisections at b_1, b_4.
8, 9, 11, 40.	Bisections at VI, VII.
18.	Bisections at I, II, VI, VII.
20.	Bisections at III, IV, V.
25.	Bisections at b_4, b_5, b_6.
39, 49, 51.	Bisections at I, II.
41.	Bisections at I, II, VI.
44.	Bisections at II, VI, VII.
46, 47.	Bisections at III, V.

Notes.

20.	Clouds.
21, 25, 34.	Faint.
31.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
18	+ 4.1	.. ...	0.0	+ 4.1
39	+ 6.8	+16 5.5	...	+16 12.3
40	+ 6.7	−16 5.5	...	−15 58.8
41	+ 7.4	.. ...	− 0.4	+ 7.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	94 H¹. Aquarii	9	50 21.46	− 0.21	+ 2.72	44 19 45.78	43.715	+ 5.46	+ 56.0	22 50 23.97	− 2.25	− 5 28 46.0	−15.1
2	c¹ Aquarii	9	1 41.21	− 0.33	+ 2.71	63 3 45.62	46.035	+ 5.46	+1 52.6	23 1 43.59	− 2.37	−24 14 35.4	−10.2
3	59 Pegasi	9	7 2.22	− 0.14	+ 2.71	30 37 43.20	44.892	+ 5.46	+ 34.0	23 7 4.79	− 2.32	+ 8 13 11.7	−18.4
4	φ Aquarii	9	9 30.24	− 0.22	+ **2.70**	45 23 45.80	43.682	+ 5.46	+ 58.2	23 9 32.73	.....	− 6 32 47.6	....
5	o Cephei	9	14 49.24	+ 0.22	+ 2.71	331 15 40.35	44.360	+ 5.46	− 31.4	23 14 52.17	.....	+67 36 32.1	....
6	κ Piscium	9	22 9.78	− 0.18	+ **2.70**	38 5 44.45	44.788	+ 5.46	+ 45.1	23 22 12.31	.....	+ 0 45 1.8	....
7	b³ Aquarii	9	28 24.76	− 0.31	+ 2.71	60 15 45.88	43.785	+ 5.46	+1 40.5	23 28 27.16	− 2.43	−21 25 32.1	−11.5
8	Saturn I, C	5	32 45.03	− 0.21	+ 2.71	44 23 45.68	50.558	+ 5.46	+ 56.4	23 32 47.53	+ 0.69	− 5 33 47.3	....
9	Saturn II	5	32 46.41	− 0.21	+ 2.71	... .	......	....	. ....	23 32 48.91	− 0.69	.. ..	....
10	ι¹ Aquarii	9	39 22.81	− 0.29	+ **2.70**	57 37 44.58	43.872	+ 5.46	+1 30.7	23 39 25.23	.....	−18 47 23.0	....
11	φ Pegasi	9	47 45.32	− 0.10	+ **2.66**	20 13 43.00	47.195	+ 5.46	+ 21.3	23 47 47.93	.....	+18 36 32.0	....
12	27 Piscium	9	53 54.79	− 0.20	+ 2.71	42 55 44.08	42.117	+ 5.46	+ 53.6	23 53 57.30	.....	− 4 4 5.4	....
13	2 Ceti	9	58 58.76	− 0.28	+ **2.61**	56 39 44.50	48.369	+ 5.46	+1 27.5	23 59 1.19	.....	−17 51 2.4	....
14	22 Andromedæ	9	5 29.51	+ 0.03	+ 2.71	353 17 42.95	45.635	+ 5.46	− 6.7	0 5 32.25	.....	+45 33 35.7	....
15	5 B. Ursæ Minoris s. p.	9	13 44.28	− 2.08	+ 2.71	305 49 38.52	45.035	+ 5.46	−1 19.5	12 13 44.91	+23.68	+86 56 52.9	+17.6
	October 23, M.												
16	Moon II, N	9	13 46.98	− 0.08	+ 2.76	21 15 48.12	44.471	+ 5.65	+ 23.2	4 13 49.66	−65.90	+17 35 27.0	....
17	δ Ursæ Minoris s. p.	9	1 55.00	− 2.18	+ 2.75	305 29 46.35	45.648	+ 5.84	−1 23.2	18 1 55.57	.....	+86 37 11.3	....
18	22 H. Camelopardalis	9	8 37.84	+ 0.31	+ 2.75	329 29 46.32	48.492	+ 5.87	− 35.0	6 8 40.90	.....	+69 20 54.5	....
19	7 Monocerotis	9	15 13.38	− 0.18	+ 2.75	46 37 51.18	43.598	+ 5.90	+1 3.2	6 15 15.95	.....	− 7 46 56.3	....
20	8 Monocerotis	9	18 49.78	− 0.12	+ **2.83**	34 11 51.32	46.210	+ 5.92	+ 40.6	6 18 52.41	.....	+ 4 38 26.5	....
21	λ Canis Majoris	9	24 42.61	− 0.36	+ 2.75	71 19 52.75	44.342	+ 5.95	+2 55.6	6 24 45.00	− 1.69	−32 31 7.2	−11.7
22	γ Geminorum	9	32 19.85	− 0.07	+ **2.76**	22 21 49.20	46.335	+ 5.99	+ 24.7	6 32 22.53	.....	+16 28 41.4	....
23	S Monocerotis	9	35 50.69	− 0.09	+ **2.84**	28 52	......	....	. ....	6 35 53.35	.....	+ 9 58	....
24	ε Geminorum	9	38 12.15	− 0.02	+ **2.77**	13 37 48.75	45.158	+ 6.02	+ 14.6	6 38 14.88	.....	+25 13 18.9	....
25	43 Camelopardalis	8	43 42.05	+ 0.31	+ 2.75	329 51 46.35	46.920	+ 6.05	− 34.6	6 43 45.11	− 4.16	+68 59 30.2	+18.5
26	θ Canis Majoris	9	49 51.34	− 0.20	+ **2.76**	50 43 49.65	49.232	+ 6.08	+1 13.3	6 49 53.89	.....	−11 55 13.8	....
27	51 H. Cephei	9	57 25.78	+ 2.65	+ 2.75	311 39 46.48	48.642	+ 6.12	−1 7.0	6 57 31.18	.....	+87 11 22.5	....
28	δ Canis Majoris	9	4 35.68	− 0.29	+ 2.75	65 3 51.60	45.085	+ 6.15	+2 8.5	7 4 38.14	.....	−26 14 36.2	....
29	51 Geminorum	8	8 1.12	− 0.06	+ 2.75	22 31 49.68	45.612	+ 6.17	+ 24.9	7 8 3.81	.....	+16 18 57.2	....
30	λ Geminorum	9	12 44.09	− 0.06	+ **2.85**	22 8	......	....	. ....	7 12 46.78	.....	+16 42	....
31	19 Lyncis	9	15 16.69	+ 0.16	+ 2.75	343 23 46.60	47.140	+ 6.20	− 17.8	7 15 19.60	.....	+55 27 7.8	....
32	143 B. Camelopardalis	8	21 13.04	+ 0.30	+ 2.75	330 11 46.70	48.150	+ 6.24	− 34.2	7 21 16.09	.....	+68 39 1.1	....
	October 24, M.												
33	Sun I, S	9	50 58.12	− 0.16	+ 2.75	50 37 51.60	44.830	+ 5.95	+1 11.3	13 51 0.71	+65.93	−11 47 33.1	....
34	Sun II, N	9	53 9.98	− 0.16	+ 2.75	50 5 52.72	44.248	+ 5.95	+1 9.9	13 53 12.57	−65.93	−11 15 19.3	....
35	Venus I, C	8	33 7.86	− 0.19	+ 2.74	53 19 51.35	45.238	+ 5.81	+1 18.3	14 33 10.41	+ 0.35	−14 29 48.9	....
36	Venus II	9	33 8.56	− 0.19	+ 2.74	... .	......	....	. ....	14 33 11.11	− 0.35	.. ..	....
37	Mercury I, C	9	24 35.94	− 0.26	+ 2.74	60 31 55.00	46.286	+ 5.81	+1 42.7	15 24 38.42	+ 0.24	−21 42 40.9	....
38	30 H. Ursæ Majoris s. p.	9	17 23.80	− 0.24	+ 2.74	284 57 48.22	42.605	+ 5.58	−3 36.1	10 17 26.30	.....	+66 1 50.9	....
39	3 Lacertæ	9	19 53.57	+ 0.12	+ 2.74	347 5 49.28	44.088	+ 5.58	− 13.4	22 19 56.43	.....	+51 46 11.1	....
40	δ Cephei	9	25 42.66	+ 0.16	+ 2.74	340 55 49.35	42.890	+ 5.58	− 20.3	22 25 45.56	− 2.61	+57 56 45.3	−26.7
41	κ Aquarii	9	32 56.08	− 0.14	+ 2.74	43 33 52.80	42.085	+ 5.58	+ 56.2	22 32 58.68	− 2.15	− 4 42 16.0	−15.1
42	ζ Pegasi	9	36 48.93	− 0.08	+ **2.76**	28 30	......	....	. ....	22 36 51.59	.....	+10 21	....
43	67 Aquarii	9	38 22.59	− 0.16	+ 2.74	46 17 53.08	43.200	+ 5.58	+1 1.8	22 38 25.17	− 2.19	− 7 26 47.4	−14.5
44	γ Piscis Australis	9	47 21.56	− 0.34	+ 2.74	72 9 53.55	46.495	+ 5.58	+3 2.4	22 47 23.96	− 2.40	−33 22 3.4	− 7.2
45	94 H¹. Aquarii	9	50 21.28	− 0.15	+ 2.74	44 19 52.62	43.390	+ 5.58	+ 57.8	22 50 23.87	− 2.24	− 5 28 47.3	−15.1
46	A Piscium	9	3 54.85	− 0.12	+ 2.74	37 13 52.45	43.112	+ 5.58	+ 45.0	23 3 57.47	− 2.29	+ 1 37 32.1	−17.0
47	φ Aquarii	9	9 30.13	− 0.15	+ **2.73**	45 23 52.55	43.370	+ 5.58	+1 0.0	23 9 32.72	.....	− 6 32 48.9	....
48	11 G. Sculptoris	9	16 18.36	− 0.29	+ 2.73	66 17 52.90	47.490	+ 5.58	+2 14.4	23 16 20.80	− 2.43	−27 29 37.7	− 9.6
49	κ Piscium	9	22 9.66	− 0.12	+ **2.75**	38 6	......	....	. ....	23 22 12.27	.....	+ 0 45	....
50	θ Piscium	9	23 14.73	− 0.09	+ **2.74**	32 57 51.45	46.568	+ 5.58	+ 38.4	23 23 17.37	.....	+ 5 52 20.7	....
51	b³ Aquarii	9	28 24.70	− 0.24	+ 2.73	60 15 53.42	43.348	+ 5.58	+1 43.4	23 28 27.19	− 2.42	−21 25 32.6	−11.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 22 28	29.75	54.0	53.0
23 20	....	....	52.0
23 40	....	....	51.5
0 0	....	....	51.3
0 4	....	....	51.1
0 18	[illegible]	51.5	50.8
4 14	29.87	41.5	37.9
5 55	29.885	[illegible]	36.3
6 23	....	....	[illegible]
6 47	29.90*	37.0	34.6
7 28	29.91	36.6	[illegible]
24 13 53	29.98	47.6	47.0
14 33	29.98	48.6	48.1
15 25	29.96	51.0	50.0
22 14	29.94	43.8	43.5
22 32	....	....	41.8
23 7	29.94	41.9	40.8

Micrometer bisections are made at II, VI, except as noted below.

1–3, 7, 10, 12, 22. Bisections at II, VI, VII.
4, 34. Bisections at VI, VII.
5, 14, 25, 38. Bisections at III, V.
8. Z. D. threads C used.
8, 13, 35, 37. Bisections at I, II, VI, VII.
15. Bisections at b_1, b_3, b_5, b_7, b_9.
16. Bisections at II, III, IV, V, VI.
17, 27. Bisections at III, IV, V.
28. Bisections at II, VII.
32. Bisections at IV, V.
33, 44. Bisections at I, II.

Notes.

13, 15. Fuzzy and unsteady.
17–32. Conditions poor.
21. Unsteady.
* Barometer reading changed from 29.00 in. to 29.90 in.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	″	″	′ ″
8	+ 0.7	.. ...	...	+ 0.7
16	+19 59.1	−15 8.8	...	+ 4 50.3
33	+ 6.8	+16 6.9	...	+16 13.7
34	+ 6.8	−16 6.9	...	−16 0.1
35	+ 4.2	.. ...	0.0	+ 4.2
37	+ 7.6	.. ...	− 0.4	+ 7.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Saturn I, C	7	32 33.34	− 0.15	+ 2.73	44 25 52.48	47.750	+ 5.58	+ 58.0	23 32 35.92	+ 0.61	− 5 34 51.7	....
2	Saturn II	7	32 34.56	− 0.15	+ 2.73	... .	......	....	. ....	23 32 37.14	− 0.61	.. ..	....
3	λ Piscium	9	37 17.89	− 0.12	+ 2.73	37 33 52.42	46.278	+ 5.58	+ 45.6	23 37 20.50	− 2.42	+ 1 16 19.2	−16.6
4	φ Pegasi	9	47 45.17	− 0.05	+ **2.75**	20 13 50.12	46.885	+ 5.58	+ 21.9	23 47 47.85	.....	+18 36 31.2	....
5	ω Piscium	9	54 32.02	− 0.09	+ **2.71**	32 29 51.22	44.442	+ 5.58	+ 37.8	23 54 34.66	.....	+ 6 21 10.1	....
6	14 H¹. Draconis s. p.	9	0 25.57	− 0.51	+ 2.73	296 19 46.28	42.108	+ 5.58	−1 58.8	12 0 27.79	+ 4.33	+77 25 14.9	+17.8
7	22 Andromedæ	9	5 29.25	+ 0.08	+ 2.73	353 17 50.82	45.258	+ 5.58	− 6.9	0 5 32.06	.....	+45 33 36.4	....
8	5 B. Ursæ Minoris s. p.	9	13 45.06	− 2.16	+ 2.73	305 49 46.25	44.740	+ 5.58	−1 21.6	12 13 45.63	+23.54	+86 56 51.8	+18.0
9	Moon N	.	.. ..	....	....	18 33 50.88	47.058	+ 6.39	+ 20.1	.. ..	.....	+20 16 29.2	....
10	Moon II, S	9	6 37.87	+ 0.04	+ 2.72	19 3 51.30	48.063	+ 6.39	+ 20.7	5 6 40.63	−66.37	+19 46 1.8	....
	October 24, P.												
11	κ Orionis	9	43 20.32	− 0.10	+ **2.64**	48 31 53.38	46.180	+ 6.46	+1 7.7	5 43 22.87	.....	− 9 42 2.5	....
12	ξ Aurigæ	9	47 3.94	+ 0.21	+ 2.65	343 9 48.68	47.522	+ 6.46	− 18.0	5 47 6.80	.....	+55 40 57.1	....
13	β Aurigæ	9	52 42.75	+ 0.15	+ 2.65	353 55 50.52	43.788	+ 6.46	− 6.3	5 52 45.55	.....	+44 56 8.9	....
14	74 G. Columbæ	9	2 30.14	− 0.24	+ 2.65	68 33 53.70	44.268	+ 6.46	+2 31.6	6 2 32.55	− 1.85	−29 44 43.0	−11.4
15	2 Lyncis	9	11 26.00	+ 0.24	+ 2.65	339 49 48.15	43.765	+ 6.46	− 21.9	6 11 28.89	− 3.67	+59 2 27.4	+13.7
16	μ Geminorum	9	17 19.74	+ 0.04	+ **2.66**	16 17 50.38	44.115	+ 6.46	+ 17.6	6 17 22.43	.....	+22 33 37.8	....
17	8 Monocerotis	9	18 49.87	− 0.03	+ **2.67**	34 11 51.92	46.150	+ 6.46	+ 40.7	6 18 52.49	.....	+ 4 38 26.5	....
18	λ Canis Majoris	9	24 42.68	− 0.26	+ 2.65	71 19 53.90	44.237	+ 6.46	+2 56.0	6 24 45.07	− 1.72	−32 31 6.7	−11.6
19	γ Geminorum	9	32 19.96	+ 0.02	+ **2.59**	22 21 51.20	46.242	+ 6.46	+ 24.7	6 32 22.63	.....	+16 28 41.2	....
20	ε Geminorum	9	38 12.24	+ 0.06	+ **2.64**	13 37 49.72	45.105	+ 6.46	+ 14.6	6 38 14.95	.....	+25 13 18.7	....
21	18 Monocerotis	9	43 0.02	− 0.04	+ 2.65	36 19 51.35	44.892	+ 6.46	+ 44.1	6 43 2.63	.....	+ 2 30 52.5	....
22	15 Lyncis	8	49 13.95	+ 0.23	+ 2.65	340 19 48.38	43.828	+ 6.46	− 21.3	6 49 16.83	.....	+58 32 25.1	....
23	ε Canis Majoris	9	54 57.52	− 0.23	+ 2.65	67 39 52.72	44.210	+ 6.46	+2 25.0	6 54 59.94	.....	−28 50 34.1	....
24	γ Canis Majoris	9	59 32.27	− 0.13	+ **2.63**	54 19 50.88	44.578	+ 6.46	+1 23.3	6 59 34.79	.....	−15 29 39.0	....
25	63 Aurigæ	9	5 15.35	+ 0.12	+ 2.65	359 23 49.92	43.585	+ 6.46	− 0.6	7 5 18.12	.....	+39 28 8.5	....
26	64 Aurigæ	9	11 33.93	+ 0.13	+ 2.65	357 47 49.28	47.478	+ 6.46	− 2.2	7 11 36.71	− 2.32	+41 2 41.7	+12.2
27	19 Lyncis	9	15 16.86	+ 0.21	+ 2.65	343 23 48.90	47.045	+ 6.46	− 17.7	7 15 19.72	.....	+55 27 7.5	....
28	143 B. Camelopardalis	9	21 13.21	+ 0.34	+ 2.65	330 11 48.40	48.068	+ 6.46	− 34.1	7 21 16.20	.....	+68 39 1.0	....
29	225 B. Draconis s. p.	9	27 15.62	− 0.51	+ 2.65	298 17 45.38	47.563	+ 6.46	−1 50.2	19 27 17.76	+ 2.66	+79 25 28.1	−25.7
30	ο Geminorum	9	33 5.11	+ 0.10	+ 2.65	4 3 50.52	44.570	+ 6.46	+ 4.3	7 33 7.86	− 2.02	+34 47 40.1	+11.1
31	26 Monocerotis	9	36 47.31	− 0.10	+ 2.65	48 9 53.28	46.128	+ 6.46	+1 6.8	7 36 49.86	.....	− 9 20 0.1	....
32	π Geminorum	9	41 29.98	+ 0.10	+ 2.65	5 11 49.32	47.775	+ 6.46	+ 5.5	7 41 32.73	.....	+33 38 27.1	....
33	9 Puppis	9	47 26.90	− 0.12	+ 2.65	52 29 51.60	43.093	+ 6.46	+1 17.9	7 47 29.43	.....	−13 39 0.5	....
34	53 Camelopardalis	9	53 45.69	+ 0.25	+ 2.65	338 17 49.38	43.945	+ 6.46	− 23.7	7 53 48.59	.....	+60 34 23.8	....
35	χ Geminorum	9	57 47.53	+ 0.07	+ **2.69**	10 47 49.92	45.630	+ 6.46	+ 11.5	7 57 50.25	.....	+28 3 9.5	....
	October 25, P.												
36	Sun I, N	9	54 47.05	− 0.11	+ 2.62	50 25 52.68	46.605	+ 6.82	+1 9.4	13 54 49.56	+66.10	−11 36 13.7	....
37	Sun II, S	9	56 59.24	− 0.11	+ 2.62	50 57 53.58	47.155	+ 6.82	+1 10.7	13 57 1.75	−66.09	−12 8 28.2	....
38	Venus I, C	9	38 0.07	− 0.12	+ 2.61	53 45 52.88	43.547	+ 6.46	+1 17.8	14 38 2.56	+ 0.40	−14 55 12.0	....
39	Venus II	9	38 0.86	− 0.12	+ 2.61	... .	......	....	. ....	14 38 3.35	− 0.39	.. ..	....
40	Mercury I, C	9	28 18.35	− 0.18	+ 2.61	60 47 55.22	43.605	+ 6.46	+1 41.1	15 28 20.78	+ 0.25	−21 57 38.9	....
41	θ Pegasi	9	5 30.05	− 0.09	+ **2.62**	33 5 51.60	45.748	+ 5.77	+ 37.1	22 5 32.54	.....	+ 5 44 40.4	....
42	θ Aquarii	9	11 55.33	− 0.16	+ **2.54**	47 3 52.48	48.048	+ 5.77	+1 1.1	22 11 57.75	.....	− 8 14 37.1	....
43	30 H. Ursæ Majoris s. p.	9	17 23.91	− 0.28	+ 2.58	284 57 46.60	42.342	+ 5.77	−3 28.5	10 17 26.21	.....	+66 1 51.1	....
44	3 Lacertæ	9	19 53.80	+ 0.14	+ 2.58	347 5 49.42	44.060	+ 5.77	− 13.0	22 19 56.52	.....	+51 46 11.2	....
45	δ Cephei	9	25 42.82	+ 0.19	+ 2.58	340 55 48.58	42.895	+ 5.77	− 19.6	22 25 45.59	− 2.59	+57 56 45.2	−26.9
46	κ Aquarii	9	32 56.19	− 0.14	+ 2.58	43 33 51.18	42.218	+ 5.77	+ 54.1	22 32 58.63	− 2.14	− 4 42 15.5	−15.1
47	67 Aquarii	9	38 22.71	− 0.16	+ 2.58	46 17 51.90	43.342	+ 5.77	+ 59.6	22 38 25.13	− 2.18	− 7 26 47.4	−14.4
48	γ Piscis Australis	9	47 21.65	− 0.34	+ 2.58	72 9 53.22	46.768	+ 5.77	+2 55.8	22 47 23.89	− 2.38	−33 22 2.9	− 7.1
49	94 H¹. Aquarii	9	50 21.44	− 0.15	+ 2.58	44 19 51.70	43.487	+ 5.77	+ 55.6	22 50 23.87	− 2.23	− 5 28 46.6	−15.1
50	A Piscium	9	3 55.04	− 0.11	+ 2.58	37 13 50.55	43.260	+ 5.77	+ 43.4	23 3 57.51	− 2.28	+ 1 37 32.0	−16.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 23 50	....	....	40.4
0 18	29.925	40.7	40.0
5 2	29.87	36.7	35.0
5 41	29.86	36.2	34.8
6 3	....	....	34.5
6 27	....	....	34.0
6 39	....	....	34.0
7 0	[illegible]	35.5	34.2
7 28	....	....	34.3
7 40	....	....	34.2
8 0	29.85	35.8	34.5
25 13 57	29.82	52.9	54.4
14 39	[illegible]	55.0	56.1
15 30	29.77	57.5	59.4
22 3	29.82	57.0	59.0
22 20	....	....	58.6
22 39	....	....	57.8
22 43	....	....	57.8
23 0	29.845	56.0	57.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Z. D. threads C used.
1.	Bisections at I, II, VI, VII.
6.	Bisections at b_1, b_2, b_5, b_8, b_9.
8, 29, 43.	Bisections at III, IV, V.
9.	Bisections at I, II, III.
10.	Bisections at V, VI, VII.
12, 13, 15, 22, 25–28, 34, 44, 45.	Bisections at III, V.
14, 17, 23, 33, 35, 42, 49.	Bisections at II, VI, VII.
16, 31, 36, 40, 48.	Bisections at I, II.
18.	Bisections at I, II, VI.
30, 37.	Bisections at VI, VII.
38.	Bisections at I, II, VII.

Notes.

6.	Unsteady.
43, 48.	Faint.
48.	Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 0.7	.. ...	...	+ 0.7
9	+17 22.7	−15 0.2	...	+ 2 22.5
10	+17 50.4	+15 0.2	− 0.7	+32 49.9
36	+ 6.8	−16 7.2	...	−16 0.4
37	+ 6.9	+16 7.2	...	+16 14.1
38	+ 4.2	.. ...	0.0	+ 4.2
40	+ 7.8	.. ...	− 0.5	+ 7.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	φ Aquarii	9	9 30.29	− 0.15	+ 2.56	45 23 51.62	43.490	+ 5.77	+ 57.9	23 9 32.72	.....	− 6 32 48.8	....
2	11 G. Sculptoris	9	16 18.48	− 0.29	+ 2.58	66 17 53.08	47.691	+ 5.77	+2 9.8	23 16 20.77	− 2.42	−27 29 38.1	− 9.5
3	θ Piscium	9	23 14.94	− 0.09	+ 2.53	32 57 52.00	46.590	+ 5.77	+ 37.2	23 23 17.43	.....	+ 5 52 20.6	....
4	b^3 Aquarii	9	28 24.83	− 0.24	+ 2.58	60 15 52.30	43.558	+ 5.77	+1 40.0	23 28 27.17	− 2.41	−21 25 33.2	−11.3
5	Saturn I, C	5	32 22.19	− 0.15	+ 2.58	44 25 51.12	50.696	+ 5.77	+ 56.2	23 32 24.62	+ 0.73	− 5 35 56.1	....
6	Saturn II	5	32 23.65	− 0.15	+ 2.58	... .	......	....	. ....	23 32 26.08	− 0.73	.. ..	....
7	λ Piscium	9	37 18.03	− 0.11	+ 2.58	37 33 52.30	46.318	+ 5.77	+ 44.1	23 37 20.50	− 2.41	+ 1 16 19.7	−16.5
8	φ Pegasi	9	47 45.36	− 0.04	+ 2.55	20 13 49.65	46.900	+ 5.77	+ 21.2	23 47 47.89	.....	+18 36 31.9	....
9	ω Piscium	9	54 32.15	− 0.09	+ 2.57	32 29 50.32	44.548	+ 5.77	+ 36.6	23 54 34.63	.....	+ 6 21 9.6	....
10	14 H^1. Draconis s. p.	9	0 25.71	− 0.59	+ 2.57	296 19 45.98	41.972	+ 5.77	−1 55.1	12 0 27.69	+ 4.28	+77 25 15.3	+18.2
11	22 Andromedæ	9	5 29.51	+ 0.10	+ 2.57	353 17 49.28	45.342	+ 5.77	− 6.7	0 5 32.18	.....	+45 33 35.8	....
12	5 B. Ursæ Minoris s. p.	9	13 44.89	− 2.49	+ 2.57	305 49 45.15	44.686	+ 5.77	−1 19.2	12 13 44.97	+23.38	+86 56 52.2	+18.4
13	12 Ceti	9	25 17.68	− 0.14	+ 2.57	43 17 51.88	46.850	+ 5.77	+ 54.3	0 25 20.11	.....	− 4 28 2.3	....
14	77 G. Sculptoris	9	29 5.51	− 0.32	+ 2.57	68 53 52.48	42.866	+ 5.77	+2 28.3	0 29 7.76	− 2.60	−30 4 5.7	−10.5
	October 25, Hl.												
15	τ Persei	9	47 41.01	+ 0.17	+ 2.56	346 27 50.88	47.125	+ 5.23	− 14.0	2 47 43.74	.....	+52 23 1.2	....
16	η Eridani	9	51 53.27	− 0.15	+ 2.54	48 5 52.25	46.010	+ 5.24	+1 5.1	2 51 55.68	.....	− 9 15 53.5	....
17	2 H. Ursæ Minoris s. p.	9	56 0.82	− 0.30	+ 2.56	285 13 47.45	43.315	+ 5.25	−3 30.4	14 56 3.08	+ 2.99	+66 18 11.5	− 1.0
18	57 B. Ursæ Minoris s. p.	8	6 16.16	− 3.32	+ 2.56	306 27 45.58	46.307	+ 5.28	−1 18.6	15 6 15.40	.....	+87 35 29.7	....
19	1 H. Ursæ Minoris s. p.	9	13 28.59	− 0.32	+ 2.56	286 35 47.62	47.458	+ 5.31	−3 12.5	15 13 30.83	.....	+67 42 3.9	....
20	σ Persei	9	24 2.08	+ 0.14	+ 2.56	351 11 49.70	43.008	+ 5.34	− 9.0	3 24 4.78	− 3.89	+47 40 31.3	− 4.3
21	ε Eridani	9	28 33.05	− 0.16	+ 2.52	48 35 52.55	46.710	+ 5.36	+1 6.4	3 28 35.45	.....	− 9 46 11.4	....
22	11 H^1. Camelopardalis	9	34 7.13	+ 0.27	+ 2.56	335 55 47.92	47.960	+ 5.37	− 26.0	3 34 9.96	− 5.25	+62 54 56.7	− 0.8
23	δ Fornacis	9	38 33.24	− 0.32	+ 2.56	71 1 54.22	46.725	+ 5.39	+2 49.2	3 38 35.48	− 2.46	−32 13 56.2	−12.7
24	ε Persei	9	51 37.53	+ 0.08	+ 2.56	359 5 48.50	47.955	+ 5.43	− 0.8	3 51 40.17	.....	+39 44 31.2	....
25	ν Tauri	9	58 12.64	− 0.08	+ 2.61	33 5 51.10	47.465	+ 5.45	+ 38.2	3 58 15.12	.....	+ 5 44 1.1	....
26	151 H^1. Cephei	9	7 25.17	+ 1.73	+ 2.56	313 33 47.74	45.500	+ 5.48	−1 1.4	4 7 29.46	.....	+85 18 28.4	....
27	19 Ursæ Minoris s. p.	6	13 19.90	− 0.56	+ 2.56	294 59 46.02	46.700	+ 5.50	−2 4.6	16 13 21.90	.....	+76 6 52.7	....
28	ε Tauri	9	23 11.34	− 0.02	+ 2.59	19 51 51.08	46.860	+ 5.53	+ 21.3	4 23 13.88	.....	+18 58 31.5	....
29	A Draconis s. p.	9	28 4.24	− 0.34	+ 2.56	287 51 48.25	47.655	+ 5.54	−2 59.2	16 28 6.46	.....	+68 58 22.9	....
30	35 B. Camelopardalis	9	36 23.40	+ 0.57	+ 2.56	323 5 46.75	45.442	+ 5.57	− 43.9	4 36 26.53	.....	+75 46 13.2	....
31	μ Eridani	9	40 51.08	− 0.12	+ 2.58	42 15 52.42	45.130	+ 5.58	+ 53.4	4 40 53.52	.....	− 3 25 22.4	....
32	o^1 Orionis	9	47 16.39	− 0.04	+ 2.56	24 45 49.60	43.285	+ 5.61	+ 27.1	4 47 18.91	− 2.62	+14 5 48.8	− 4.2
33	k Tauri	9	52 28.03	+ 0.01	+ 2.55	13 55 49.58	47.400	+ 5.62	+ 14.6	4 52 30.59	− 2.81	+24 54 27.2	− 1.3
34	ι Tauri	9	57 32.34	− 0.01	+ 2.58	17 23 49.58	44.575	+ 5.64	+ 18.5	4 57 34.88	.....	+21 27 27.9	....
35	β Eridani	9	3 16.57	− 0.13	+ 2.57	44 3 52.50	42.085	+ 5.65	+ 56.8	5 3 18.99	.....	− 5 12 16.4	....
36	Moon N	.	.. ..	....	....	16 55 50.70	47.133	+ 5.82	+ 18.0	.. ..	.....	+21 54 29.6	....
37	Moon II, S	8	59 55.34	+ 0.01	+ 2.55	17 25 50.60	47.617	+ 5.82	+ 18.6	5 59 57.90	−66.61	+21 24 16.1	....
	October 26, Hl.												
38	Sun I, S	9	58 36.49	− 0.13	+ 2.54	51 17 52.00	49.045	+ 5.86	+1 13.2	13 58 38.90	+66.27	−12 29 11.6	....
39	Sun II, N	9	0 49.03	− 0.13	+ 2.54	50 45 52.00	48.470	+ 5.86	+1 11.8	14 0 51.44	−66.27	−11 56 56.8	....
40	Mercury C, C	9	31 47.35	− 0.23	+ 2.53	60 59 53.95	46.605	+ 5.23	+1 44.8	15 31 49.65	+ 0.09	−22 10 48.6	....
	October 29, Hl.												
41	Sun I, N	9	10 9.51	− 0.16	+ 2.35	51 47 51.85	45.842	+ 6.20	+1 12.8	14 10 11.70	+66.50	−12 57 58.2	....
42	Sun II, S	9	12 22.52	− 0.16	+ 2.35	52 19 51.70	46.552	+ 6.20	+1 14.2	14 12 24.71	−66.51	−13 30 15.5	....
43	Venus I, C	9	57 40.29	− 0.18	+ 2.35	55 21 52.98	47.680	+ 5.71	+1 22.8	14 57 42.46	+ 0.40	−16 32 49.7	....
44	Venus II	9	57 41.08	− 0.18	+ 2.35	... .	......	....	. ....	14 57 43.25	− 0.39	.. ..	....
45	Mercury C, C	9	40 32.79	− 0.23	+ 2.35	61 27 53.95	46.174	+ 5.71	+1 44.8	15 40 34.91	+ 0.11	−22 38 39.2	....
46	λ Cephei	9	8 20.89	+ 0.22	+ 2.35	339 53 47.78	45.570	+ 5.51	− 21.1	22 8 23.46	− 2.23	+58 57 46.5	−28.2
47	32 Pegasi	9	17 1.38	+ 0.03	+ 2.35	10 59 49.85	43.222	+ 5.54	+ 11.3	22 17 3.76	− 2.03	+27 52 6.0	−23.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 23 20	....	....	55.0
23 40	29.87	54.8	54.9
23 58	....	....	54.5
0 20	....	....	54.0
0 31	29.89	53.1	53.0
2 39	29.94	49.2	47.8
2 59	....	....	47.3
3 21	....	....	46.7
3 45	29.96	47.0	46.1
3 56	....	....	46.0
4 21	....	....	45.1
5 4	29.97	45.7	45.0
6 0	29.95	44.0	42.2
26 14 1	30.095	49.7	47.9
15 32	30.07	51.3	51.0
29 14 12	29.74	52.0	53.0
14 58	29.75	52.9	54.1
15 41	29.75	54.8	55.1
21 50	29.82	49.1	49.0
22 12	....	....	48.4

Micrometer bisections are made at II, VI, except as noted below.

2, 5, 14, 40, 43, 45.	Bisections at I, II, VI, VII.
4.	Bisections at II, VI, VII.
5.	Z. D. threads C used.
10, 11.	Bisections at III, V.
12.	Bisections at b_1, b_3, b_5, b_7, b_9.
15, 16, 19, 25, 27, 38, 41, 47.	Bisections at I, II.
18.	Bisections at b_1, b_3, b_5.
23.	Bisections at II, VII.
26.	Bisections at III, IV, V.
30.	Bisections at a_5, b_1, b_5.
36.	Bisections at I, II, III.
37.	Bisections at V, VI, VII.
39, 42.	Bisections at VI, VII.

Notes.

2. Fuzzy and unsteady.
23. Very unsteady.
25. Faint.
26. Microscopes read at beginning and end of observation.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 0.7	.. ..	...	+ 0.7
36	+15 46.2	−14 53.1	+0.1	+ 53.2
37	+16 13.6	+14 53.1	...	+31 6.7
38	+ 6.9	+16 7.3	...	+16 14.2
39	+ 6.8	−16 7.4	...	−16 0.6
40	+ 8.0	.. ..	−0.5	+ 7.5
41	+ 6.9	−16 8.6	...	−16 1.7
42	+ 7.0	+16 8.6	...	+16 15.6
43	+ 4.3	.. ..	0.0	+ 4.3
45	+ 8.5	.. ..	−0.6	+ 7.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	π Aquarii	9	20 31.51	− 0.09	+ **2.29**	37 56	......	....	. ....	22 20 33.77	.....	+ 0 54	....
2	ζ Aquarii (*mean*)	9	24 2.53	− 0.10	+ 2.35	39 19 51.10	45.840	+ 5.57	+ 47.6	22 24 4.78	− 2.06	− 0 29 31.5	−16.2
3	η Aquarii	9	30 34.56	− 0.10	+ **2.32**	39 26	......	....	. ....	22 30 36.80	.....	− 0 35	....
4	49 G. Piscis Australis	9	33 36.76	− 0.32	+ 2.34	72 21 52.98	46.028	+ 5.60	+3 1.2	22 33 38.78	− 2.28	−33 33 51.0	− 6.1
5	ζ Pegasi	9	36 49.29	− 0.05	+ **2.32**	28 30	......	....	. ....	22 36 51.58	.....	+10 21	....
6	η Pegasi	9	38 38.37	+ 0.04	+ **2.29**	9 6	......	....	. ....	22 38 40.75	.....	+29 44	....
7	ι Cephei	9	46 22.70	+ 0.29	+ 2.34	333 9 47.25	42.448	+ 5.65	− 29.3	22 46 25.33	.....	+65 43 6.3	....
8	c^1 Aquarii	9	1 41.52	− 0.24	+ 2.34	63 3 51.92	45.698	+ 5.70	+1 53.9	23 1 43.62	− 2.30	−24 14 35.4	− 9.6
9	11 G. Sculptoris	9	16 18.74	− 0.27	+ 2.34	66 17 53.32	47.605	+ 5.75	+2 11.7	23 16 20.81	− 2.38	−27 29 38.3	− 9.0
10	κ Piscium	9	22 10.04	− 0.10	+ **2.31**	38 6	......	....	. ....	23 22 12.28	.....	+ 0 45	....
11	Saturn I, C	5	31 40.49	− 0.13	+ 2.34	44 29 51.52	50.290	+ 5.81	+ 57.1	23 31 42.70	+ 0.59	− 5 39 48.1	....
12	Saturn II	5	31 41.67	− 0.13	+ 2.34	... .	......	....	. ....	23 31 43.88	− 0.59	.. ..	....
13	ι^1 Aquarii	9	39 22.99	− 0.20	+ **2.38**	57 38	......	....	. ....	23 39 25.13	.....	−18 47	....
14	ω Piscium	9	54 32.35	− 0.07	+ **2.33**	32 30	......	....	. ....	23 54 34.62	.....	+ 6 21	....
15	κ Cassiopeiæ	9	27 44.14	+ 0.25	+ 2.34	336 25 46.48	46.628	+ 6.00	− 25.3	0 27 46.73	− 4.31	+62 25 27.3	−21.0
16	β Ceti	9	38 55.85	− 0.20	+ **2.26**	57 21 52.58	38.935	+ 6.04	+1 30.7	0 38 57.99	.....	−18 29 38.7	....
	October 29, P.												
17	δ Ursæ Minoris s. p.	8	1 53.71	− 2.56	+ 2.33	305 29 45.58	45.564	+ 6.76	−1 22.7	18 1 53.48	.....	+86 37 10.3	....
18	22 H. Camelopardalis	9	8 38.52	+ 0.43	+ 2.33	329 29 46.50	48.392	+ 6.76	− 34.8	6 8 41.28	.....	+69 20 55.9	....
19	7 Monocerotis	9	15 13.89	− 0.12	+ 2.33	46 37 51.20	43.588	+ 6.76	+1 2.8	6 15 16.10	.....	− 7 46 56.5	....
20	8 Monocerotis	9	18 50.28	− 0.05	+ **2.42**	34 11 50.60	46.212	+ 6.76	+ 40.4	6 18 52.56	.....	+ 4 38 26.5	....
21	λ Canis Majoris	9	24 43.17	− 0.30	+ 2.33	71 19 53.22	44.357	+ 6.76	+2 54.4	6 24 45.20	− 1.87	−32 31 7.7	−10.8
22	γ Geminorum	9	32 20.33	+ 0.01	+ **2.38**	22 21 49.42	46.295	+ 6.76	+ 24.5	6 32 22.67	.....	+16 28 41.8	....
23	*S* Monocerotis	9	35 51.25	− 0.02	+ **2.38**	28 51 50.58	45.315	+ 6.76	+ 32.8	6 35 53.56	.....	+ 9 58 54.6	....
24	ξ Geminorum	9	40 4.07	− 0.01	+ **2.39**	25 51 50.90	43.295	+ 6.76	+ 28.8	6 40 6.39	.....	+12 59 44.4	....
25	θ Geminorum	9	46 39.66	+ 0.10	+ 2.33	4 45 48.22	48.300	+ 6.76	+ 5.0	6 46 42.09	.....	+34 4 16.6	....
26	θ Canis Majoris	9	49 51.88	− 0.13	+ **2.32**	50 45 51.25	43.925	+ 6.76	+1 12.6	6 49 54.08	.....	−11 55 14.1	....
27	51 H. Cephei	9	57 29.78	+ 3.24	+ 2.33	311 39 44.98	48.599	+ 6.76	−1 6.3	6 57 35.35	.....	+87 11 23.8	....
28	δ Canis Majoris	9	4 36.23	− 0.23	+ 2.33	65 3 53.12	45.047	+ 6.76	+2 7.2	7 4 38.33	.....	−26 14 36.2	....
29	25 H. Camelopardalis	8	11 39.22	+ 1.24	+ 2.33	316 15 47.18	48.672	+ 6.76	− 56.5	7 11 42.79	.....	+82 35 10.2	....
30	66 Aurigæ	9	17 42.23	+ 0.15	+ 2.33	357 59 49.30	46.992	+ 6.76	− 2.0	7 17 44.71	.....	+40 50 52.2	....
31	ρ Geminorum	9	23 7.74	+ 0.10	+ 2.33	6 53 50.45	43.555	+ 6.76	+ 7.2	7 23 10.17	.....	+31 58 0.5	....
32	α Geminorum (*fol.*)	9	28 39.92	+ 0.11	+ 2.33	6 45 48.48	45.228	+ 6.76	+ 7.1	7 28 42.36	.....	+32 5 24.3	....
33	α Canis Minoris	9	34 25.59	− 0.02	+ 2.33	33 23 50.80	42.808	+ 6.76	+ 39.1	7 34 27.90	.....	+ 5 27 45.4	....
34	β Geminorum	9	39 37.27	+ 0.09	+ **2.31**	10 35 49.12	46.318	+ 6.76	+ 11.2	7 39 39.69	.....	+28 14 54.7	....
35	ξ Argus	9	45 22.41	− 0.20	+ 2.33	63 27 51.52	42.560	+ 6.76	+1 58.2	7 45 24.54	.....	−24 37 28.7	....
36	166 B. Camelopardalis	9	49 6.03	+ 0.61	+ 2.33	324 41 46.98	46.832	+ 6.76	− 41.8	7 49 8.97	.....	+74 9 38.0	....
37	ω^1 Cancri	9	55 17.89	+ 0.08	+ 2.33	13 11 49.05	46.725	+ 6.76	+ 14.0	7 55 20.30	.....	+25 38 42.6	....
38	27 Lyncis	9	1 27.83	+ 0.24	+ 2.33	347 5 48.05	44.072	+ 6.76	− 13.5	8 1 30.40	.....	+51 46 11.8	....
39	173 B. Camelopardalis	9	7 53.77	+ 0.69	+ 2.33	322 49 45.40	45.855	+ 6.76	− 44.8	8 7 56.79	.....	+76 2 4.9	....
40	31 Lyncis	9	16 27.87	+ 0.19	+ 2.33	355 21 47.98	47.045	+ 6.76	− 4.7	8 16 30.39	.....	+43 28 55.1	....
41	30 Monocerotis	9	21 0.08	− 0.05	+ **2.36**	42 25 50.55	47.230	+ 6.76	+ 54.4	8 21 2.36	.....	− 3 36 10.5	....
42	29 Cancri	9	23 25.33	+ 0.04	+ 2.33	24 19 50.70	45.225	+ 6.76	+ 26.9	8 23 27.70	− 1.61	+14 31 2.4	+ 6.1
43	Moon II, S	9	29 10.24	+ 0.06	+ 2.32	21 41 49.35	44.278	+ 6.98	+ 23.8	9 29 12.62	−64.81	+17 9 28.3	....
	October 30, P.												
44	Sun I, S	9	14 2.13	− 0.14	+ 2.31	52 39 50.95	46.200	+ 6.49	+1 16.9	14 14 4.30	+66.62	−13 50 9.8	....
45	Sun II, N	9	16 15.36	− 0.14	+ 2.31	52 7 51.60	45.722	+ 6.49	+1 15.4	14 16 17.53	−66.61	−13 17 57.9	....
46	Venus I, C	9	2 38.29	− 0.18	+ 2.31	55 45 51.40	45.915	+ 6.49	+1 25.8	15 2 40.42	+ 0.42	−16 56 12.6	....
47	Venus II	9	2 39.11	− 0.18	+ 2.31	... .	......	....	. ....	15 2 41.24	− 0.40	.. ..	....
48	32 Pegasi	9	17 1.29	+ 0.05	+ 2.28	10 59 50.30	43.165	+ 5.96	+ 11.5	22 17 3.62	− 2.02	+27 52 6.0	−23.7
49	30 H. Camelopardalis s. p.	8	19 45.05	− 0.81	+ 2.28	301 55 45.88	41.675	+ 596	−1 34.4	10 19 46.52	+ 2.30	+83 1 29.3	+26.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 22 27	......	....	48.2
22 58	......	....	49.1
23 25	29.85	48.3	48.8
23 41	......	....	49.0
0 6	......	....	48.1
0 31	......	....	48.0
0 45	29.89	47.2	47.8
5 57	29.93	41.2	40.1
6 20	......	....	39.3
6 41	......	....	39.7
7 7	29.95	40.9	40.0
7 20	......	....	40.6
7 43	......	....	40.9
8 0	......	....	40.5
8 25	29.98	40.2	39.6
9 30	30.00	38.7	37.4
30 14 16	30.08	47.9	47.1
15 4	30.075	48.8	49.0
22 14	30.165	45.0	44.8

Micrometer bisections are made at II, VI, except as noted below.

4, 22, 25, 41, 44.	Bisections at I, II.
11.	Z. D. threads C used.
11, 46.	Bisections at I, II, VI, VII.
17.	Bisections at b_1, b_3, b_5, b_7.
18, 29, 38–40.	Bisections at III, V.
21, 28.	Bisections at II, VI, VII.
27.	Bisections at b_1, b_3, b_5, b_7, b_9.
36.	Bisections at IV, V.
43.	Bisections at II, III, IV, V, VI.
45.	Bisections at VI, VII.
49.	Bisections at III, IV, V.

Notes.

1–16.	Conditions poor; haze.
5, 14.	Faint.
28, 33–35, 41, 42.	Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 0.7	.. ..	...	+ 0.7
43	+20 3.3	+14 54.6	...	+34 57.9
44	+ 7.0	+16 6.0	...	+16 13.0
45	+ 7.0	−16 5.9	...	−15 58.9
46	+ 4.4	.. ..	0.0	+ 4.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	σ Aquarii	9	25 43.60	− 0.12	+ **2.23**	49 59 51.95	43.535	+ 5.96	+1 10.4	22 25 45.76	.....	−11 9 2.9	....
2	η Aquarii	9	30 34.51	− 0.06	+ **2.32**	39 25 52.10	45.852	+ 5.96	+ 48.7	22 30 36.73	.....	− 0 35 34.1	....
3	49 G. Piscis Australis	9	33 36.71₄	− 0.27	+ 2.28	72 21 53.72	45.822	+ 5.96	+3 4.6	22 33 38.72	− 2.27	−33 33 51.0	− 6.0
4	η Pegasi	9	38 38.31	+ 0.06	+ **2.32**	9 5 49.75	47.552	+ 5.96	+ 9.6	22 38 40.65	.....	+29 44 28.2	....
5	ι Cephei	9	46 22.54	+ 0.28	+ 2.28	333 9 46.90	42.472	+ 5.96	− 29.9	22 46 25.10	.....	+65 43 6.6	....
6	α Pegasi	9	0 7.68	0.00	+ **2.24**	24 7 51.30	46.395	+ 5.96	+ 26.6	23 0 9.96	.....	+14 42 36.2	....
7	φ Aquarii	9	9 30.53	− 0.09	+ **2.21**	45 23 52.48	43.332	+ 5.96	+1 0.1	23 9 32.72	.....	− 6 32 48.2	....
8	γ Piscium	9	12 20.82	− 0.05	+ **2.21**	36 3 50.62	45.418	+ 5.96	+ 43.2	23 12 23.05	.....	+ 2 46 42.6	....
9	249 B. Ursæ Majoris s. p.	9	17 17.59	− 0.15	+ 2.28	283 45 45.58	44.077	+ 5.96	−3 56.7	11 17 19.72	.....	+64 50 1.7	....
10	1 H. Cassiopeiæ	9	25 44.77	+ 0.21	+ 2.28	340 49 48.40	43.430	+ 5.96	− 20.6	23 25 47.26	− 3.22	+58 2 34.0	−25.4
11	Saturn I, C	5	31 30.78	− 0.09	+ 2.28	44 31 52.42	47.271	+ 5.96	+ 58.4	23 31 32.97	+ 0.65	− 5 40 41.5	....
12	Saturn II	5	31 32.09	− 0.09	+ 2.28	... .	......	....	. ....	23 31 34.28	− 0.66	.. ..	....
13	μ Sculptoris	9	35 46.01	− 0.27	+ 2.28	71 23 52.62	44.440	+ 5.96	+2 55.1	23 35 48.02	− 2.47	−32 35 8.7	− 7.9
14	ι¹ Aquarii	9	39 23.01	− 0.16	+ **2.32**	57 37 51.80	43.478	+ 5.96	+1 33.5	23 39 25.13	.....	−18 47 24.6	....
15	φ Pegasi	9	47 45.54	+ 0.01	+ **2.29**	20 13 50.68	46.775	+ 5.96	+ 22.0	23 47 47.83	.....	+18 36 32.7	....
16	30 Piscium	9	57 11.76	− 0.09	+ 2.28	45 21 52.75	45.480	+ 5.96	+1 0.2	23 57 13.95	.....	− 6 31 37.9	....
17	κ² Sculptoris	9	6 51.70	− 0.23	+ 2.28	67 7 53.65	45.350	+ 5.96	+2 20.3	0 6 53.75	− 2.52	−28 18 55.8	− 9.7
18	5 B. Ursæ Minoris s. p.	9	13 46.67	− 1.91	+ 2.28	305 49 45.78	44.660	+ 5.96	−1 22.0	12 13 47.04	+22.29	+86 56 49.6	+20.3
19	49 G. Ceti	9	25 44.27	− 0.20	+ 2.28	63 7 52.52	43.865	+ 5.96	+1 57.1	0 25 46.35	− 2.54	−24 17 57.5	−10.9
20	13 Ceti	9	30 28.11	− 0.08	+ 2.28	42 55 51.30	46.880	+ 5.96	+ 55.4	0 30 30.31	.....	− 4 6 3.7	....
21	73 G. Ceti	9	40 8.89	− 0.18	+ 2.28	61 19 53.02	46.587	+ 5.96	+1 48.6	0 40 10.99	− 2.56	−22 30 51.9	−11.4
	October 30, M.												
22	2 Lyncis	7	11 26.54	+ 0.22	+ 2.33	339 49 48.58	43.662	+ 7.00	− 22.1	6 11 29.09	− 3.99	+59 2 28.8	+13.1
23	μ Geminorum	9	17 20.27	+ 0.01	+ **2.34**	16 18	......	....	. ....	6 17 22.61	.....	+22 33	....
24	8 Monocerotis	9	18 50.34	− 0.06	+ **2.40**	34 11 52.22	46.135	+ 7.00	+ 41.1	6 18 52.61	.....	+ 4 38 25.7	....
25	ν Geminorum	9	23 26.63	0.00	+ **2.30**	18 33 50.82	47.720	+ 7.00	+ 20.4	6 23 28.96	.....	+20 16 11.5	....
26	γ Geminorum	9	32 20.42	− 0.01	+ **2.34**	22 21 50.58	46.270	+ 7.00	+ 24.9	6 32 22.74	.....	+16 28 40.4	....
27	ε Geminorum	9	38 12.78	+ 0.03	+ **2.32**	13 37 49.55	45.105	+ 7.00	+ 14.7	6 38 15.14	.....	+25 13 18.2	....
28	18 Monocerotis	9	43 0.52	− 0.06	+ 2.33	36 19 50.98	44.910	+ 7.00	+ 44.5	6 43 2.79	.....	+ 2 30 51.5	....
29	15 Lyncis	8	49 14.60	+ 0.23	+ 2.33	340 19 48.88	43.762	+ 7.00	− 21.5	6 49 17.16	.....	+58 32 25.6	....
30	ε Canis Majoris	9	54 57.97	− 0.25	+ 2.33	67 39 52.60	44.192	+ 7.00	+2 26.5	6 55 0.05	.....	−28 50 35.6	....
31	γ Canis Majoris	9	59 32.74	− 0.15	+ **2.36**	54 19 51.32	44.508	+ 7.00	+1 24.2	6 59 34.92	.....	−15 29 39.3	....
32	63 Aurigæ	9	5 15.72	+ 0.11	+ 2.33	359 23 48.75	43.592	+ 7.00	− 0.6	7 5 18.16	.....	+39 28 8.8	....
33	64 Aurigæ	9	11 34.46	+ 0.12	+ 2.33	357 47 50.02	47.428	+ 7.00	− 2.2	7 11 36.91	− 2.56	+41 2 41.5	+12.3
34	19 Lyncis	9	15 17.51	+ 0.22	+ 2.33	343 23 48.08	47.062	+ 7.00	− 17.9	7 15 20.06	.....	+55 27 7.4	....
35	143 B. Camelopardalis	9	21 13.91	+ 0.39	+ 2.33	330 11 47.70	48.068	+ 7.00	− 34.5	7 21 16.63	.....	+68 39 1.5	....
36	225 B. Draconis s. p.	9	27 14.97	− 0.70	+ 2.32	298 17 46.68	47.500	+ 7.00	−1 51.5	19 27 16.59	+ 3.48	+79 25 27.1	−25.3
37	ο Geminorum	9	33 5.65	+ 0.10	+ 2.32	4 3 49.95	44.652	+ 7.00	+ 4.4	7 33 8.07	− 2.25	+34 47 38.4	+11.4
38	26 Monocerotis	9	36 47.78	− 0.11	+ 2.32	48 9 52.60	46.128	+ 7.00	+1 7.7	7 36 49.99	.....	− 9 20 1.1	....
39	π Geminorum	9	41 30.48	+ 0.10	+ 2.32	5 11 50.18	47.770	+ 7.00	+ 5.6	7 41 32.90	.....	+33 38 25.7	....
40	9 Puppis	8	47 27.38	− 0.14	+ 2.32	52 29 51.88	43.045	+ 7.00	+1 18.9	7 47 29.56	.....	−13 39 1.1	....
41	53 Camelopardalis	9	53 46.37	+ 0.29	+ 2.32	338 17 49.00	43.962	+ 7.00	− 24.0	7 53 48.98	.....	+60 34 23.6	....
42	χ Geminorum	9	57 48.08	+ 0.07	+ **2.35**	10 47 49.48	45.715	+ 7.00	+ 11.6	7 57 50.47	.....	+28 3 7.5	....
43	μ Cancri	9	2 17.10	+ 0.04	+ 2.32	16 59 50.62	45.792	+ 7.00	+ 18.6	8 2 19.46	− 1.85	+21 50 57.6	+ 8.2
44	κ Cephei s. p.	9	11 59.29	− 0.61	+ 2.32	296 19 44.93	45.147	+ 7.00	−2 1.5	20 12 1.00	.....	+77 26 21.7	....
45	B. D.+61°1047	9	17 31.91	+ 0.32	+ 2.32	337 19 47.80	45.025	+ 7.00	− 25.2	8 17 34.55	− 2.48	+61 32 1.7	+21.4
46	ο Ursæ Majoris	9	22 32.46	+ 0.32	+ 2.32	337 49 47.65	46.672	+ 7.00	− 24.6	8 22 35.10	.....	+61 1 23.6	....
47	B. D.+60°1139	9	26 50.19	+ 0.31	+ 2.32	338 13 48.48	45.942	+ 7.00	− 24.1	8 26 52.82	− 2.30	+60 37 39.0	+21.5
	October 31, Hl.												
48	Moon II	9	8 39.69	0.00	+ 2.20	29 6	......	....	. ....	11 8 41.89	−63.90	.. ..	....
	November 1, Hl.												
49	Sun I, S	9	21 49.51	− 0.12	+ 2.20	53 19 53.78	44.065	+ 6.22	+1 18.2	14 21 51.58	+66.79	−14 29 24.9	....
50	Sun II, N	9	24 3.08	− 0.12	+ 2.20	52 47 58.20	43.340	+ 6.22	+1 16.7	14 24 5.16	−66.79	−13 57 11.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 22 34	....	....	45.0
22 51	....	....	44.1
23 7	....	....	43.5
23 24	....	....	43.4
23 45	30.185	43.5	43.0
0 5	....	....	43.0
0 22	....	....	42.2
0 36	....	....	42.8
0 42	30.21	43.0	42.9
6 9	30.24	36.9	36.0
6 35	....	....	35.8
7 3	30.23	[illegible]	35.4
7 39	....	....	34.8
7 51	30.26	35.8	....
8 30	30.27	35.5	34.5
1 14 24	30.20	52.8	52.5

Micrometer bisections are made at II, VI, except as noted below.

2, 7, 49.	Bisections at I, II.
5, 10, 35, 36, 41, 45–47.	Bisections at III, V.
9, 44.	Bisections at III, IV, V.
11.	Z. D. threads C used.
11.	Bisections at I, II, VI, VII.
13, 17, 19.	Bisections at I, II, VI.
14, 50.	Bisections at VI, VII.
18.	Bisections at b_1, b_3, b_5, b_7, b_9.
21.	Bisections at II, VI, VII.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 0.7	.. ...	...	+ 0.7
49	+ 7.1	+16 6.8	...	+16 13.9
50	+ 7.0	−16 6.9	...	−15 59.9

48712°—15——40

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Saturn I, C	5	31 12.46	− 0.12	+ 2.17	44 31 54.12	51.532	+ 5.40	+ 57.8	23 31 14.51	+ 0.59	− 5 42 19.4	....
2	Saturn II	5	31 13.63	− 0.12	+ 2.17	... .	......	....	. ....	23 31 15.68	− 0.58	.. ..	....
	November 4, M.												
3	Sun I, N	9	33 36.83	− 0.21	+ 2.11	53 43 52.75	46.492	+ 6.37	+1 18.5	14 33 38.73	+67.11	−14 54 19.8	....
4	Sun II, S	9	35 51.04	− 0.21	+ 2.11	54 15 51.48	47.220	+ 6.37	+1 20.0	14 35 52.94	−67.10	−15 26 36.5	....
	November 4, Ei.-M.												
5	θ Aquarii	9	11 55.67	− 0.13	+ **2.05**	47 5 50.55	42.780	+ 6.20	+1 2.5	22 11 57.62	.....	− 8 14 36.5	....
6	γ Aquarii	9	16 51.23	− 0.11	+ **2.05**	40 41 49.90	44.725	+ 6.21	+ 50.0	22 16 53.20	.....	− 1 51 7.9	....
7	B. D. −9°5978	9	21 53.47	− 0.14	+ 2.08	47 49 50.85	43.365	+ 6.22	+1 4.2	22 21 55.41	− 1.99	− 8 58 51.9	−13.0
8	σ Aquarii	9	25 43.67	− 0.14	+ **2.12**	49 59 50.05	43.725	+ 6.23	+1 9.2	22 25 45.61	.....	−11 9 4.4	....
9	η Aquarii	9	30 34.74	− 0.11	+ **2.07**	39 25 50.22	45.995	+ 6.24	+ 47.8	22 30 36.71	.....	− 0 35 35.1	....
	November 4, M.												
10	η Pegasi	9	38 38.54	− 0.01	+ **2.08**	9 5 48.00	47.680	+ 6.26	+ 9.4	22 38 40.63	.....	+29 44 27.0	....
11	μ Pegasi	9	45 30.89	− 0.03	+ **2.13**	14 43 49.45	46.020	+ 6.28	+ 15.4	22 45 32.96	.....	+24 6 57.4	....
12	δ Aquarii	9	49 43.27	− 0.17	+ **2.01**	55 7 50.92	47.558	+ 6.29	+1 23.5	22 49 45.20	.....	−16 18 47.2	....
13	φ Aquarii	9	9 30.65	− 0.13	+ **2.08**	45 24	......	....	. ....	23 9 32.62	.....	− 6 32	....
14	γ Piscium	9	12 20.94	− 0.09	+ **2.09**	36 3 50.62	45.492	+ 6.35	+ 42.5	23 12 22.95	.....	+ 2 46 41.2	....
15	249 B. Ursæ Majoris s. p.	9	17 17.83	− 0.08	+ 2.10	283 45 44.88	43.787	+ 6.36	−3 52.6	11 17 19.85	.....	+64 49 58.9	....
16	Saturn I, C	7	30 47.29	− 0.12	+ 2.10	44 33 51.62	52.081	+ 6.40	+ 57.5	23 30 49.27	+ 0.63	− 5 44 30.1	....
17	Saturn II	7	30 48.54	− 0.12	+ 2.10	... .	......	....	. ....	23 30 50.52	− 0.62	.. ..	....
18	μ Sculptoris	9	35 46.08	− 0.27	+ 2.10	71 23 52.45	44.652	+ 6.41	+2 52.0	23 35 47.91	− 2.42	−32 35 10.9	− 7.0
19	ψ Andromedæ	9	41 25.98	+ 0.04	+ 2.10	352 57 48.48	42.688	+ 6.42	− 7.1	23 41 28.12	− 2.85	+45 54 36.8	−24.6
20	φ Pegasi	9	47 45.70	− 0.05	+ **2.14**	20 13 48.48	46.935	+ 6.44	+ 21.6	23 47 47.75	.....	+18 36 31.2	....
21	30 Piscium	9	57 11.86	− 0.13	+ 2.10	45 21 51.35	45.625	+ 6.46	+ 59.2	23 57 13.83	.....	− 6 31 39.3	....
22	κ² Sculptoris	9	6 51.84	− 0.24	+ 2.10	67 7 51.58	45.605	+ 6.49	+2 17.9	0 6 53.70	− 2.48	−28 18 57.8	− 8.7
23	d Piscium	9	15 49.23	− 0.08	+ 2.10	31 9 48.88	45.865	+ 6.51	+ 35.4	0 15 51.25	− 2.51	+ 7 40 41.4	−17.3
24	77 G. Sculptoris	9	29 5.81	− 0.25	+ 2.10	68 53 52.10	42.890	+ 6.55	+2 30.7	0 29 7.66	− 2.55	−30 4 9.1	− 8.7
25	82 B. Ceti	9	32 34.91	− 0.22	+ 2.10	64 5 51.22	45.462	+ 6.55	+2 0.1	0 32 36.79	.....	−25 16 36.4	....
26	73 G. Ceti	9	40 8.99	− 0.20	+ 2.10	61 19 52.38	46.800	+ 6.57	+1 46.8	0 40 10.89	− 2.54	−22 30 54.9	−10.5
	November 4, Hl.												
27	41 Draconis s. p.	9	6 57.69	− 0.27	+ 2.02	298 51 46.68	48.450	+ 6.51	−1 46.2	18 6 59.44	+ 7.20	+79 59 53.0	−18.1
28	7 Monocerotis	9	15 14.37	− 0.11	+ 2.02	46 37 51.38	43.668	+ 6.51	+1 2.4	6 15 16.28	.....	− 7 46 57.7	....
29	8 Monocerotis	9	18 50.84	− 0.06	+ **2.04**	34 11 50.95	46.250	+ 6.51	+ 40.1	6 18 52.80	.....	+ 4 38 25.8	....
30	λ Canis Majoris	9	24 43.67	− 0.24	+ 2.02	71 19 53.50	44.468	+ 6.51	+2 53.3	6 24 45.45	− 2.05	−32 31 9.1	− 9.8
31	γ Geminorum	9	32 20.91	− 0.03	+ **2.02**	22 21 50.22	46.318	+ 6.51	+ 24.3	6 32 22.90	.....	+16 28 40.8	....
32	S Monocerotis	7	35 51.82	− 0.04	+ **2.01**	28 51 49.82	45.420	+ 6.51	+ 32.5	6 35 53.80	.....	+ 9 58 53.3	....
33	ξ Geminorum	9	40 4.59	− 0.04	+ **2.07**	25 51 49.95	43.365	+ 6.51	+ 28.6	6 40 6.57	.....	+12 59 44.2	....
34	θ Geminorum	9	46 40.34	+ 0.03	+ 2.02	4 45 48.90	48.280	+ 6.51	+ 5.0	6 46 42.39	.....	+34 4 16.6	....
35	θ Canis Majoris	9	49 52.34	− 0.12	+ **2.02**	50 45 51.40	43.930	+ 6.51	+1 12.2	6 49 54.24	.....	−11 55 13.9	....
36	51 H. Cephei	9	57 32.83	+ 1.20	+ 2.02	311 39 45.68	48.555	+ 6.51	−1 6.0	6 57 36.05	.....	+87 11 24.2	....
37	λ Ursæ Minoris s. p.	5	13 28.72	− 3.01	+ 2.02	307 51 46.62	48.638	+ 6.51	−1 15.5	19 13 27.73	.....	+89 0 28.4	....
38	ρ Geminorum	9	23 8.26	+ 0.03	+ 2.02	6 53 49.98	43.650	+ 6.51	+ 7.2	7 23 10.31	.....	+31 57 59.2	....
39	α Geminorum (*fol.*)	9	28 40.48	+ 0.03	+ 2.02	6 45 49.88	45.198	+ 6.51	+ 7.1	7 28 42.53	.....	+32 5 23.8	....
40	α Canis Minoris	9	34 26.10	− 0.04	+ 2.02	33 23 51.62	42.838	+ 6.51	+ 38.9	7 34 28.08	.....	+ 5 27 44.5	....
41	β Geminorum	9	39 37.78	+ 0.02	+ **2.08**	10 35 53.20	46.155	+ 6.51	+ 11.1	7 39 39.82	.....	+28 14 54.7	....
42	ξ Argus	9	45 22.92	− 0.17	+ 2.02	63 27 51.70	42.558	+ 6.51	+1 57.8	7 45 24.77	.....	−24 37 28.2	....
43	ω¹ Cancri	9	55 18.39	+ 0.02	+ 2.02	13 11 48.60	46.770	+ 6.51	+ 13.9	7 55 20.43	.....	+25 38 42.4	....
44	27 Lyncis	9	1 28.48	+ 0.10	+ 2.02	347 5 48.28	44.088	+ 6.51	− 13.5	8 1 30.60	.....	+51 46 11.3	....
45	173 B. Camelopardalis	9	7 55.03	+ 0.28	+ 2.02	322 49 45.60	45.820	+ 6.51	− 44.6	8 7 57.33	.....	+76 2 5.1	....
46	31 Lyncis	9	16 28.55	+ 0.08	+ 2.02	355 21 48.20	47.060	+ 6.51	− 4.7	8 16 30.65	.....	+43 28 54.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 23 15	30.035	47.8	47.0
23 36	......	....	46.3
4 14 36	29.78	51.7	51.3
22 9	29.75	47.0	46.5
22 32	......	....	46.2
22 49	......	....	45.8
23 16	29.75	45.8	....
23 45	......	....	44.4
0 0	29.74	44.8	44.1
0 44	29.73	43.9	42.9
5 50	29.72	40.4	39.0
6 13	......	....	38.9
6 28	......	....	38.9
7 5	......	....	38.7
7 27	......	....	38.7
7 37	29.71	40.0	....
7 44	......	....	38.2
8 13	......	....	38.0

Micrometer bisections are made at II, VI, except as noted below.

1, 16.	Z. D. threads C used.
1, 16.	Bisections at I, II, VI, VII.
3, 28, 34, 38, 40.	Bisections at I, II.
4, 32, 35.	Bisections at VI, VII.
15.	Bisections at III, IV, V.
36.	Bisections at b_2, b_5, b_8.
37.	Bisections at b_3, b_5, b_7.
42.	Bisections at II, VII.

Notes.

15. Poor.
36. Revolutions of micrometer reading assumed.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 0.7	.. ...	...	+ 0.7
3	+ 7.1	−16 8.3	...	−16 1.2
4	+ 7.2	+16 8.3	...	+16 15.5
16	+ 0.7	.. ...	...	+ 0.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	30 Monocerotis	9	21 0.59	− 0.07	+ 2.05	42 25 51.02	47.260	+ 6.51	+ 54.0	8 21 2.54	.....	− 3 36 11.2	....
2	110 B. Lyncis	9	26 52.41	+ 0.07	+ 2.02	0 31 49.35	44.275	+ 6.51	+ 0.6	8 26 54.50	.....	+38 19 51.9	....
	November 5, Hl.												
3	Sun I, N	9	37 34.18	− 0.09	+ 2.00	54 1 50.85	48.040	+ 6.82	+1 18.6	14 37 36.09	+67.29	−15 12 53.8	....
4	Sun II, S	9	39 48.75	− 0.09	+ 2.00	54 33 50.98	48.718	+ 6.82	+1 20.1	14 39 50.66	−67.28	−15 45 10.8	....
5	Venus I, C	9	32 52.48	− 0.09	+ 1.99	57 55 50.10	47.286	+ 6.09	+1 30.5	15 32 54.38	+ 0.38	−19 6 46.9	....
6	Venus II	9	32 53.23	− 0.09	+ 1.99	... .	......	....	.....	15 32 55.13	− 0.37	.. ..	....
7	2 Lacertæ	9	17 11.06	+ 0.04	+ 1.97	352 47 48.82	43.028	+ 5.60	− 7.1	22 17 13.07	− 1.99	+46 4 29.5	−27.3
8	3 Lacertæ	9	19 54.19	+ 0.05	+ 1.97	347 5 48.20	44.055	+ 5.60	− 13.0	22 19 56.21	.....	+51 46 12.6	....
9	δ Cephei	9	25 43.32	+ 0.08	+ 1.97	340 55 48.70	42.815	+ 5.60	− 19.6	22 25 45.37	− 2.24	+57 56 46.9	−28.5
10	η Aquarii	9	30 34.87	− 0.11	+ 1.93	39 25 51.08	46.028	+ 5.60	+ 46.9	22 30 36.73	.....	− 0 35 34.9	....
11	β Pegasi	9	59 16.19	− 0.02	+ 1.95	11 18	......	....	.....	22 59 18.14	.....	+27 35	....
12	φ Aquarii	9	9 30.84	− 0.13	+ 1.89	45 26	......	....	.....	23 9 32.68	.....	− 6 32	....
13	γ Piscium	9	12 21.03	− 0.09	+ 1.99	36 4	......	....	.....	23 12 22.91	.....	+ 2 46	....
14	θ Piscium	9	23 15.33	− 0.08	+ 2.03	32 57 50.45	46.670	+ 5.60	+ 37.1	23 23 17.22	.....	+ 5 52 20.6	....
15	Saturn I, C	5	30 39.67	− 0.12	+ 1.97	44 33 51.20	53.869	+ 5.60	+ 56.4	23 30 41.52	+ 0.59	− 5 45 8.7	....
16	Saturn II	5	30 40.85	− 0.12	+ 1.97	... .	......	....	.....	23 30 42.70	− 0.59	.. ..	....
	November 5, P.												
17	2 Lyncis	9	11 27.35	+ 0.08	+ 1.96	339 49 46.85	43.718	+ 6.26	− 21.0	6 11 29.39	− 4.27	+59 2 29.1	+12.5
18	ζ Canis Majoris	9	16 45.04	− 0.24	+ 1.96	68 49 51.75	45.782	+ 6.26	+2 27.2	6 16 46.76	.....	−30 1 11.1	....
19	ν Geminorum	9	23 27.19	− 0.04	+ 1.96	18 33 49.82	47.790	+ 6.26	+ 19.3	6 23 29.11	.....	+20 16 12.8	....
20	γ Geminorum	9	32 20.99	− 0.05	+ 1.99	22 21 49.40	46.388	+ 6.26	+ 23.6	6 32 22.90	.....	+16 28 40.9	....
21	S Monocerotis	9	35 51.93	− 0.06	+ 1.95	28 51 50.70	45.425	+ 6.26	+ 31.6	6 35 53.83	.....	+ 9 58 53.7	....
22	ψ^5 Aurigæ	9	40 3.39	+ 0.03	+ 1.96	355 11 47.42	44.192	+ 6.26	− 4.8	6 40 5.38	.....	+43 40 1.5	....
23	θ Geminorum	9	46 40.45	+ 0.01	+ 1.96	4 45 47.95	48.345	+ 6.26	+ 4.9	6 46 42.42	.....	+34 4 16.3	....
24	ε Canis Majoris	9	54 58.50	− 0.23	+ 1.96	67 39 51.05	44.662	+ 6.26	+2 19.0	6 55 0.23	.....	−28 50 36.5	....
25	γ Canis Majoris	9	59 33.31	− 0.15	+ 1.96	54 19 51.42	44.768	+ 6.26	+1 19.9	6 59 35.12	.....	−15 29 40.3	....
26	63 Aurigæ	9	5 16.48	+ 0.02	+ 1.96	359 23 47.20	43.732	+ 6.26	− 0.5	7 5 18.46	.....	+39 28 7.9	....
27	64 Aurigæ	9	11 35.11	+ 0.03	+ 1.96	357 47 48.38	47.522	+ 6.26	− 2.1	7 11 37.10	− 2.78	+41 2 41.8	+12.4
28	τ Draconis S. P.	9	17 16.68	− 0.11	+ 1.96	292 3 45.88	48.672	+ 6.26	−2 19.9	19 17 18.53	.....	+73 11 24.1	....
29	β Canis Minoris	9	22 6.73	− 0.07	+ 1.99	30 21 48.92	46.238	+ 6.26	+ 33.7	7 22 8.62	.....	+ 8 28 34.6	....
30	225 B. Draconis S. P.	9	27 14.35	− 0.22	+ 1.96	298 17 44.85	47.327	+ 6.26	−1 45.7	19 27 16.09	+ 4.20	+79 25 26.5	−24.8
31	25 Monocerotis	9	32 39.36	− 0.11	+ 1.96	42 43 50.32	47.375	+ 6.26	+ 53.1	7 32 41.21	.....	− 3 54 12.0	....
32	β Geminorum	9	39 37.99	− 0.01	+ 1.93	10 35 47.72	46.440	+ 6.26	+ 10.8	7 39 39.94	.....	+28 14 54.2	....
33	ξ Argus	9	45 23.02	− 0.20	+ 1.96	63 27 50.75	42.780	+ 6.26	+1 54.6	7 45 24.78	.....	−24 37 28.9	....
34	1 Cancri	9	51 42.79	− 0.05	+ 1.96	22 47 49.15	47.590	+ 6.26	+ 24.2	7 51 44.70	.....	+16 2 13.1	....
35	χ Geminorum	7	57 48.71	− 0.01	+ 2.01	10 47 48.35	45.768	+ 6.26	+ 11.0	7 57 50.66	.....	+28 3 8.5	....
36	μ Cancri	9	2 17.67	− 0.03	+ 1.96	16 59 48.75	45.940	+ 6.26	+ 17.6	8 2 19.60	− 2.05	+21 50 57.8	+ 8.7
37	ζ Cancri	9	6 52.86	− 0.04	+ 1.96	20 55 47.88	44.165	+ 6.26	+ 22.0	8 6 54.78	.....	+17 55 34.8	....
38	κ Cephei S. P.	8	11 58.76	− 0.17	+ 1.96	296 19 44.08	44.962	+ 6.26	−1 55.1	20 12 0.55	.....	+77 26 22.3	....
39	B. D. +61°1047	9	17 32.78	+ 0.09	+ 1.96	337 19 46.18	45.090	+ 6.26	− 23.9	8 17 34.83	− 2.82	+61 32 1.3	+21.7
40	ο Ursæ Majoris	9	22 33.41	+ 0.09	+ 1.96	337 49 46.20	46.730	+ 6.26	− 23.3	8 22 35.46	.....	+61 1 23.2	....
41	27 B. Ursæ Majoris	9	32 24.82	+ 0.06	+ 1.96	345 49 47.08	44.903	+ 6.26	− 14.4	8 32 26.84	− 2.31	+53 1 55.1	+20.0
	November 6, P.												
42	Sun I, N	9	41 32.45	− 0.09	+ 1.95	54 21 50.48	43.545	+ 6.91	+1 18.5	14 41 34.31	+67.41	−15 31 10.7	....
43	Sun II, S	9	43 47.27	− 0.09	+ 1.95	54 53 50.62	44.365	+ 6.91	+1 20.1	14 43 49.13	−67.41	−16 3 31.0	....
	November 7, M.												
44	31 Pegasi	9	16 56.39	− 0.03	+ 1.95	27 5 49.65	46.575	+ 7.98	+ 29.9	22 16 58.31	− 1.89	+11 44 28.6	−19.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 8 32	29.71	39.7	38.0
5 14 40	29.70	54.9	54.9
15 33	[illegible]	56.0	56.8
22 4	[illegible]	54.3	54.1
22 14	.....	....	54.0
22 36	29.63	53.7	53.8
23 19	29.63	53.1	52.9
23 35	.....	....	52.3
23 48	29.61	52.7	52.2
6 4	29.48	49.6	49.0
6 21	.....	....	49.0
6 41	.....	....	48.5
7 4	.....	....	48.0
7 21	[illegible]	48.1	47.9
7 40	.....	....	47.6
8 10	29.43	47.5	47.0
8 21	.....	....	46.9
[illegible]	29.43	47.0	46.3
6 14 44	29.30	54.1	54.1
7 22.13	29.62	43.7	43.6

Micrometer bisections are made at II, VI, except as noted below.

3, 10, 42, 44.	Bisections at I, II.
4, 29, 35, 43.	Bisections at VI, VII.
5, 15.	Bisections at I, II, VI, VII.
15.	Z. D. threads C used.
17, 22, 26, 27, 39, 40.	Bisections at III, V.
18.	Bisections at II, VI, VII.
28, 30, 38.	Bisections at III, IV, V.
41.	Bisections at III, V, VI.

Notes.

2.	Fog.
7-16, 35.	Clouds.
12.	Faint.
29, 33, 41.	Haze.
37.	Assumed that mean of close double was observed.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+ 7.2	−16 8.5	...	−16 1.3
4	+ 7.2	+16 8.5	...	+16 15.7
5	+ 4.5	.. ....	0.0	+ 4.5
15	+ 0.7	.. ....	...	+ 0.7
42	+ 7.2	−16 10.1	...	−16 2.9
43	+ 7.2	+16 10.2	...	+16 17.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	30 H. Camelopardalis s. p.	9	19 46.33	− 0.60	+ 1.95	301 55 44.38	41.560	+ 7.98	−1 33.0	10 19 47.68	+ 0.90	+83 1 28.5	+27.9
2	β Piscis Australis	9	26 13.63	− 0.25	+ 1.95	71 37 52.30	44.930	+ 7.98	+2 54.2	22 26 15.33	− 2.10	−32 49 20.8	− 5.0
3	η Aquarii	9	30 34.80	− 0.07	+ **1.94**	39 25 51.08	45.908	+ 7.98	+ 48.0	22 30 36.68	....	− 0 35 35.9	....
4	49 G. Piscis Australis	9	33 36.86	− 0.26	+ 1.95	72 21 52.15	46.055	+ 7.98	+3 2.0	22 33 38.55	− 2.14	−33 33 54.1	− 4.9
5	γ Piscium	9	12 21.08	− 0.06	+ **1.89**	36 3 50.18	45.450	+ 7.98	+ 42.5	23 12 22.97	....	+ 2 46 41.0	....
6	249 B. Ursæ Majoris s. p.	9	17 17.98	− 0.10	+ 1.95	283 45 44.55	43.789	+ 7.98	−3 52.4	11 17 19.83	....	+64 50 0.0	....
7	θ Piscium	9	23 15.38	− 0.05	+ **1.93**	32 57 50.82	46.535	+ 7.98	+ 37.8	23 23 17.28	....	+ 5 52 20.3	....
8	Saturn I, C	7	30 25.37	− 0.09	+ 1.95	44 35 50.45	51.539	+ 7.98	+ 57.5	23 30 27.23	+ 0.59	− 5 46 18.1	....
9	Saturn II	7	30 26.55	− 0.09	+ 1.95	... .	......	....	. ....	23 30 28.41	− 0.59	.. ..	....
10	μ Sculptoris	9	35 46.19	− 0.25	+ 1.95	71 23 52.02	44.628	+ 7.98	+2 51.9	23 35 47.89	− 2.38	−32 35 11.3	− 6.5
11	ι^1 Aquarii	9	39 23.32	− 0.16	+ **1.93**	57 37 50.90	43.608	+ 7.98	+1 31.8	23 39 25.11	....	−18 47 26.9	....
12	φ Pegasi	9	47 45.85	0.00	+ **1.92**	20 13 49.25	46.808	+ 7.98	+ 21.6	23 47 47.80	....	+18 36 31.8	....
13	ω Piscium	9	54 32.66	− 0.04	+ **1.92**	32 29 49.22	44.495	+ 7.98	+ 37.2	23 54 34.57	....	+ 6 21 9.1	....
14	14 H^1. Draconis s. p.	9	0 27.18	− 0.29	+ 1.95	296 19 44.25	41.817	+ 7.98	−1 57.1	12 0 28.84	+ 3.42	+77 25 10.3	+22.5
15	κ^2 Sculptoris	9	6 51.96	− 0.22	+ 1.95	67 7 50.98	45.528	+ 7.98	+2 17.9	0 6 53.69	− 2.45	−28 18 56.9	− 8.2
16	d Piscium	9	15 49.22	− 0.04	+ 1.95	31 9 49.22	45.772	+ 7.98	+ 35.4	0 15 51.13	− 2.50	+ 7 40 41.7	−17.2
17	12 Ceti	9	25 18.21	− 0.09	+ **1.94**	43 17 50.98	46.815	+ 7.98	+ 55.1	0 25 20.07	....	− 4 28 3.6	....
18	77 G. Sculptoris	9	29 6.00	− 0.23	+ 1.95	68 53 51.55	42.835	+ 7.98	+2 30.7	0 29 7.72	− 2.52	−30 4 8.6	− 8.1
19	82 B. Ceti	9	32 35.02	− 0.20	+ 1.95	64 5 51.02	45.392	+ 7.98	+2 0.1	0 32 36.77	....	−25 16 36.0	....
	November 7, Hl.												
20	18 Monocerotis	9	43 1.24	− 0.02	+ 1.87	36 19 50.88	44.918	+ 8.23	+ 43.6	6 43 3.09	....	+ 2 30 51.1	....
21	θ Canis Majoris	9	49 52.49	− 0.07	+ **1.91**	50 45 50.95	43.952	+ 8.23	+1 12.6	6 49 54.29	....	−11 55 15.9	....
22	υ Draconis s. p.	9	55 28.21	− 0.10	+ 1.87	290 3 46.48	47.815	+ 8.23	−2 40.2	18 55 29.98	+ 2.46	+71 10 46.0	−22.4
23	γ Canis Majoris	9	59 33.42	− 0.09	+ **1.85**	54 19 52.12	44.525	+ 8.23	+1 22.5	6 59 35.20	....	−15 29 39.8	....
24	λ Ursæ Minoris s. p.	5	13 20.30	− 3.96	+ 1.87	307 51 45.75	48.580	+ 8.23	−1 15.9	19 13 18.21	....	+89 0 27.5	....
25	ρ Geminorum	9	23 8.51	+ 0.08	+ 1.87	6 53 47.60	43.682	+ 8.23	+ 7.2	7 23 10.46	....	+31 57 58.9	....
26	α Canis Minoris	9	34 26.35	− 0.01	+ 1.87	33 23 51.02	42.800	+ 8.23	+ 39.2	7 34 28.21	....	+ 5 27 43.8	....
27	4 Puppis	9	41 40.04	− 0.08	+ 1.87	53 9 49.75	46.188	+ 8.23	+1 19.3	7 41 41.83	− 1.89	−14 20 12.4	− 3.4
28	φ Geminorum	8	47 48.74	+ 0.06	+ **1.97**	11 49 47.40	48.010	+ 8.23	+ 12.5	7 47 50.67	....	+27 0 14.7	....
29	1 Cancri	9	51 42.91	+ 0.02	+ 1.87	22 47 49.45	47.450	+ 8.23	+ 25.1	7 51 44.80	....	+16 2 12.9	....
30	φ Geminorum	9	57 48.77	+ 0.07	+ **1.94**	10 47 47.92	45.698	+ 8.23	+ 11.4	7 57 50.71	....	+28 3 8.5	....
31	4 B. Ursæ Minoris	3	6 10.03	+ 3.86	+ 1.87	309 57 44.78	46.182	+ 8.23	−1 10.6	8 6 15.76	....	+88 54 22.3	....
	November 8, P.												
32	φ Geminorum	9	47 48.86	+ 0.07	+ **1.87**	11 49 48.30	48.012	+ 8.63	+ 12.4	7 47 50.79	....	+27 0 13.7	....
33	53 Camelopardalis	9	53 47.51	+ 0.19	+ 1.86	338 17 48.10	43.950	+ 8.63	− 23.2	7 53 49.56	....	+60 34 22.3	....
34	χ Geminorum	9	57 48.89	+ 0.08	+ **1.84**	10 47 48.20	45.700	+ 8.63	+ 11.2	7 57 50.83	....	+28 3 7.9	....
35	μ Cancri	9	2 17.92	+ 0.05	+ 1.86	16 59 49.12	45.818	+ 8.63	+ 18.0	8 2 19.83	− 2.15	+21 50 57.5	+ 9.2
36	ζ Cancri	9	6 53.03	+ 0.04	+ 1.86	20 55 48.45	44.052	+ 8.63	+ 22.5	8 6 54.93	....	+17 55 34.0	....
37	β Cancri	9	11 28.50	+ 0.02	+ **1.81**	29 21 49.48	47.008	+ 8.63	+ 33.0	8 11 30.38	....	+ 9 28 14.9	....
38	31 Lyncis	9	16 28.88	+ 0.13	+ 1.86	355 21 47.30	47.050	+ 8.63	− 4.7	8 16 30.87	....	+43 28 53.8	....
39	30 Monocerotis	9	21 0.84	− 0.02	+ **1.87**	42 25 50.35	47.230	+ 8.63	+ 53.6	8 21 2.68	....	− 3 36 11.8	....
40	η Cancri	9	27 20.04	+ 0.05	+ **1.85**	18 5 49.45	44.942	+ 8.63	+ 19.2	8 27 21.95	....	+20 45 15.8	....
41	δ Hydræ	9	32 43.98	+ 0.01	+ 1.86	32 49 49.70	43.255	+ 8.63	+ 37.8	8 32 45.85	....	+ 6 1 35.7	....
42	β Pyxidis	9	36 27.59	− 0.20	+ 1.86	73 45 52.25	47.037	+ 8.63	+3 19.3	8 36 29.25	− 1.50	−34 58 34.7	− 7.3
43	ι Cancri	9	41 4.32	+ 0.09	+ **1.92**	9 45 47.25	44.025	+ 8.63	+ 10.1	8 41 6.27	....	+29 5 48.2	....
44	γ Pyxidis	9	46 35.00	− 0.15	+ 1.86	66 11 50.72	42.827	+ 8.63	+2 12.2	8 46 36.71	− 1.50	−27 21 49.9	− 5.3
45	60 Cancri	9	50 50.76	+ 0.03	+ 1.86	26 51 49.98	45.795	+ 8.63	+ 29.7	8 50 52.65	− 1.73	+11 58 45.4	+ 7.3
46	44 B. Ursæ Majoris	9	57 12.06	+ 0.20	+ 1.86	344 11 47.05	48.180	+ 8.63	− 16.5	8 57 14.12	− 2.17	+54 38 40.0	+21.7
47	σ^2 Ursæ Majoris	9	2 13.62	+ 0.30	+ 1.86	331 21 45.62	44.630	+ 8.63	− 31.9	9 2 15.78	....	+67 30 17.9	....
48	36 Lyncis	9	7 43.50	+ 0.15	+ 1.86	355 15 47.58	44.802	+ 8.63	− 4.8	9 7 45.51	− 1.87	+43 35 45.0	+18.6
49	83 Cancri	9	13 47.28	+ 0.05	+ **1.88**	20 45 48.58	43.398	+ 8.63	+ 22.2	9 13 49.19	....	+18 5 49.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 22 39	29.63	43.3	43.0
23 5	29.635	43.3	43.3
23 28	......	....	43.7
23 50	......	....	43.2
0 38	29.665	42.0	42.0
6 32	29.76	39.0	37.3
6 47	......	....	37.3
7 5	......	....	37.0
7 26	29.77	38.2	36.1
7 38	......	....	36.1
8 14	......	....	36.0
8 25	29.78	37.3	36.1
8 7 45	29.70	42.5	41.6
8 3	......	....	41.3
8 26	......	....	41.8
8 42	......	....	42.0
8 54	29.70	42.3	42.0
9 15	29.72	42.5	42.3

Micrometer bisections are made at II, VI, except as noted below.

1, 14.	Bisections at III, IV, V.
2, 4, 6, 8, 10, 19.	Bisections at I, II, VI, VII.
8.	Z. D. threads C used.
15.	Bisections at I, VI, VII.
18.	Bisections at I, II, VI.
21.	Bisections at II, VII.
22, 23, 30.	Bisections at I, II.
24.	Bisections at b$_3$, b$_5$, b$_7$.
27.	Bisections at I, II, VII.
28, 29, 39.	Bisections at VI, VII.
31.	Bisections at b$_3$, b$_5$.
33, 38, 46–48.	Bisections at III, V.
40, 42, 44.	Bisections at II, VI, VII.

Notes.

1–19.	Conditions very poor.
4, 6.	Poor.
20–31.	Conditions poor. Images fuzzy and unsteady.
36.	Assumed that mean of close double was observed.
42.	Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 0.7	.. ....	...	+ 0.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	November 10, M.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	κ Geminorum	9	38 50.73	0.00	+ **1.82**	14 14	......	....	. ....	7 38 52.53	.....	+24 37	....
2	φ Geminorum	9	47 49.09	0.00	+ **1.78**	11 51	......	....	. ....	7 47 50.89	.....	+27 0	....
3	χ Geminorum	9	57 49.04	+ 0.01	+ **1.83**	10 48	......	....	. ....	7 57 50.85	.....	+28 3	....
4	γ Cancri	9	37 54.58	0.00	+ **1.78**	17 4	......	....	. ....	8 37 56.38	.....	+21 48	....
5	δ Cancri	9	39 24.30	− 0.01	+ **1.77**	20 22	......	....	. ....	8 39 26.09	.....	+18 29	....
6	ι Cancri	9	41 4.53	+ 0.02	+ **1.85**	9 46	......	....	. ....	8 41 6.35	.....	+29 5	....
7	ε Hydræ	9	41 51.25	− 0.04	+ **1.76**	32 6	......	....	. ....	8 41 53.01	.....	+ 6 45	....
8	76 Draconis S. P.	9	49 17.57	− 0.15	+ 1.80	301 4	......	....	. ....	20 49 19.22	.....	+82 11	....
9	1 H. Draconis	5	23 54.82	+ 0.31	+ 1.80	317 8	......	....	. ....	9 23 56.93	.....	+81 43	....
	November 11, M.												
10	Sun I, S.	9	1 35.86	− 0.12	+ 1.80	56 19 49.10	47.982	+ 7.56	+1 27.8	15 1 37.54	+67.97	−17 31 0.6	....
11	Sun II, N.	9	3 51.80	− 0.12	+ 1.80	55 47 51.45	47.048	+ 7.56	+1 26.1	15 3 53.48	−67.97	−16 58 39.8	....
12	2 Lacertæ	9	17 10.87	+ 0.08	+ 1.79	352 47 52.52	42.705	+ 8.26	− 7.4	22 17 12.74	− 1.85	+46 4 31.0	−28.0
13	5 Lacertæ	9	19 54.03	+ 0.10	+ 1.79	347 5 50.50	43.835	+ 8.27	− 13.5	22 19 55.92	.....	+51 46 13.1	....
14	β Piscis Australis	9	26 13.70	− 0.23	+ 1.79	71 37 55.60	44.692	+ 8.29	+2 57.4	22 26 15.26	− 2.04	−32 49 22.1	− 4.7
15	η Aquarii	9	30 34.88	− 0.06	+ **1.80**	39 26	......	....	. ....	22 30 36.61	.....	− 0 35	....
16	31 Cephei	9	33 28.85	+ 0.23	+ 1.79	325 41 48.25	45.405	+ 8.32	− 40.4	22 33 30.87	− 2.65	+73 10 6.0	−30.1
17	η Pegasi	9	38 38.63	+ 0.03	+ **1.84**	9 8	......	....	. ....	22 38 40.45	.....	+29 44	....
18	λ Pegasi	9	42 3.23	+ 0.01	+ **1.80**	15 48	......	....	. ....	22 42 5.03	.....	+23 4	....
19	μ Pegasi	9	45 31.08	+ 0.01	+ **1.80**	14 46	......	....	. ....	22 45 32.88	.....	+24 7	....
20	λ Aquarii	9	47 46.18	− 0.09	+ **1.77**	46 56	......	....	. ....	22 47 47.88	.....	− 8 4	....
21	δ Aquarii	9	49 43.39	− 0.12	+ **1.76**	55 10	......	....	. ....	22 49 45.06	.....	−16 18	....
22	b¹ Aquarii	9	18 5.81	− 0.15	+ 1.79	59 25 51.90	45.585	+ 8.50	+1 40.8	23 18 7.45	− 2.20	−20 36 22.6	− 9.5
23	θ Piscium	9	23 15.49	− 0.04	+ **1.77**	32 57 54.25	46.335	+ 8.52	+ 38.8	23 23 17.24	.....	+ 5 52 19.9	....
24	248 G. Aquarii	9	30 44.78	− 0.09	+ 1.79	46 49 54.20	42.342	+ 8.55	+1 3.8	23 30 46.48	− 2.24	− 7 58 33.8	−13.5
25	μ Sculptoris	9	35 46.27	− 0.23	+ 1.79	71 23 55.00	44.288	+ 8.57	+2 56.7	23 35 47.83	− 2.33	−32 35 11.8	− 6.1
26	14 H¹. Draconis S. P.	8	0 27.53	− 0.16	+ 1.79	296 19 46.95	41.775	+ 8.67	−2 0.1	12 0 29.16	+ 3.10	+77 25 9.8	+24.0
27	4 H. Draconis S. P.	9	7 45.86	− 0.18	+ 1.79	297 1 47.92	42.743	+ 8.69	−1 56.4	12 7 47.47	.....	+78 7 36.5	....
28	d Piscium	9	15 49.41	− 0.04	+ 1.79	31 9 51.32	45.630	+ 8.72	+ 36.2	0 15 51.16	− 2.48	+ 7 40 41.3	−17.2
29	κ Cassiopeiæ	9	27 44.61	+ 0.14	+ 1.79	336 25 46.80	46.418	+ 8.77	− 26.0	0 27 46.54	− 4.10	+62 25 29.9	−24.5
	November 13, P.												
30	Sun I, S.	8	9 42.87	0.00	+ 1.70	56 53 56.80	44.795	+ 7.85	+1 30.6	15 9 44.57	+68.35	−18 3 58.6	....
31	Sun II, N.	9	11 59.56	0.00	+ 1.70	56 21 57.62	43.888	+ 7.85	+1 28.8	15 12 1.26	−68.34	−17 31 36.8	....
32	Venus I, C.	9	14 20.78	− 0.02	+ 1.70	60 19 55.95	48.118	+ 7.98	+1 43.4	16 14 22.46	+ 0.38	−21 31 26.6	....
33	Venus II	9	14 21.52	− 0.02	+ 1.70	... .	......	....	. ....	16 14 23.20	− 0.36	.. ..	....
34	30 H. Ursæ Majoris S. P.	9	17 25.52	+ 0.19	+ 1.71	284 57 48.00	42.415	+ 8.00	−3 38.2	10 17 27.42	.....	+66 1 46.7	....
35	B. D. +37°4575	9	22 34.44	+ 0.14	+ 1.71	0 41 51.95	45.315	+ 8.00	+ 0.8	22 22 36.29	− 1.84	+38 9 23.9	−26.5
36	B. D. +39°4856	9	26 24.58	+ 0.14	+ 1.71	359 7 51.35	44.285	+ 8.00	− 0.8	22 26 26.43	− 1.88	+39 43 49.6	−26.8
37	η Aquarii	9	30 34.86	+ 0.06	+ **1.68**	39 25 53.72	45.705	+ 8.00	+ 48.9	22 30 36.63	.....	− 0 35 34.8	....
38	B. D. +39°4906	9	35 14.45	+ 0.14	+ 1.71	358 43 50.50	45.565	+ 8.00	− 1.2	22 35 16.30	− 1.97	+40 7 21.6	−26.8
39	Moon I, S.	9	40 36.24	+ 0.03	+ 1.71	52 25 51.60	46.518	+ 8.00	+1 17.3	22 40 37.98	+67.92	−13 36 19.6	....
40	λ Aquarii	9	47 46.12	+ 0.05	+ **1.67**	46 55 53.60	41.662	+ 8.00	+1 3.6	22 47 47.88	.....	− 8 4 17.0	....
41	B. D. +38°4903	9	53 19.11	+ 0.14	+ 1.71	359 57 50.25	44.140	+ 8.00	0.0	22 53 20.96	− 2.14	+38 53 53.2	−26.3
42	B. D. +38°4911	9	57 31.98	+ 0.14	+ 1.71	0 13 50.80	46.712	+ 8.00	+ 0.3	22 57 33.83	− 2.17	+38 36 53.6	−26.2
43	B. D. +37°4765	9	2 1.52	+ 0.14	+ 1.71	0 47 49.80	42.760	+ 8.00	+ 0.9	23 2 3.37	− 2.21	+38 4 24.3	−26.0
44	B. D. +37°4782	9	6 54.99	+ 0.14	+ 1.71	1 27 51.48	44.178	+ 8.00	+ 1.6	23 6 56.84	− 2.25	+37 23 49.5	−25.8
45	γ Piscium	9	12 21.14	+ 0.07	+ **1.63**	36 3 52.50	45.268	+ 8.00	+ 43.4	23 12 22.92	.....	+ 2 46 41.9	....
46	B. D. +37°4820	9	16 49.63	+ 0.14	+ 1.71	0 45 50.42	47.035	+ 8.00	+ 0.9	23 16 51.48	− 2.35	+38 4 46.0	−25.7
47	B. D. +38°4999	9	21 31.55	+ 0.14	+ 1.71	0 1 50.42	43.565	+ 8.00	+ 0.1	23 21 33.40	− 2.40	+38 50 6.1	−25.7
48	B. D. +37°4852	9	25 4.78	+ 0.14	+ 1.71	0 43 50.60	43.208	+ 8.00	+ 0.8	23 25 6.63	− 2.42	+38 8 13.4	−25.4
49	14 Piscium	9	29 22.59	+ 0.06	+ 1.71	40 35 51.65	45.275	+ 8.00	+ 51.1	23 29 24.36	− 2.21	− 1 45 25.1	−15.2
50	ι Andromedæ	9	33 35.09	+ 0.14	+ 1.71	356 5 50.05	45.095	+ 8.00	− 4.0	23 33 36.94	.....	+42 45 35.6	....
51	λ Piscium	9	37 18.53	+ 0.07	+ 1.71	37 33 53.62	46.112	+ 8.00	+ 45.9	23 37 20.31	− 2.25	+ 1 16 19.0	−15.9
52	B. D. +36°5117	9	42 5.07	+ 0.14	+ 1.71	1 51 51.10	43.992	+ 8.00	+ 2.0	23 42 6.92	− 2.55	+36 59 53.8	−24.7
53	φ Pegasi	9	47 45.90	+ 0.10	+ **1.72**	20 13 51.72	46.618	+ 8.00	+ 22.0	23 47 47.71	.....	+18 36 33.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 15 4	29.93	47.2	46.0
22 14	30.00	42.5	40.6
22 36	......	....	40.3
23 16	30.02	40.7	39.6
23 33	30.15	39.8	38.4
23 57	......	....	38.0
0 33	30.03	38.9	37.2
13 15 12	29.91	40.9	40.7
16 15	29.88	42.0	41.8
22 13	29.84	37.0	37.1
22 29	......	....	37.2
22 45	29.84	37.0	37.0
23 0	......	....	36.3
23 16	......	....	36.6
23 30	......	....	36.0
23 45	29.84	35.5	36.0

Micrometer bisections are made at II, VI, except as noted below.

10, 12, 30.	Bisections at I, II.
11, 31.	Bisections at VI, VII.
14, 25.	Bisections at I, II, VI.
26, 27, 29, 34.	Bisections at III, IV, V.
32.	Bisections at I, II, VII.
39.	Bisections at II, III, IV, V, VI.
40.	Bisections at II, VI, VII.

Notes.

9, 14, 20, 21, 29.	Clouds.
25.	Unsteady.
36.	Observed head north.
46–48, 52.	Observed head south.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 7.4	+16 10.4	...	+16 17.8
11	+ 7.3	−16 10.3	...	−16 3.0
30	+ 7.4	+16 10.9	...	+16 18.3
31	+ 7.4	−16 10.9	...	−16 3.5
32	+ 4.7	.. ....	0.0	+ 4.7
39	+46 13.6	+15 57.5	...	+62 11.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ' "	r	"	' "	h m s	s	° ' "	"
1	B. D.+39°5194.	9	52 19.82	+ 0.14	+ 1.71	358 45 49.95	45.242	+ 8.00	− 1.2	23 52 21.67	− 2.69	+40 5 29.5	−24.8
2	B. D.+38°5112.	9	56 39.36	+ 0.14	+ 1.71	359 45 49.40	43.830	+ 8.00	− 0.2	23 56 41.21	− 2.71	+39 6 1.4	−24.4
3	33 Piscium.	9	0 35.18	+ 0.05	+ **1.68**	45 3 53.20	44.935	+ 8.00	+ 59.7	0 0 36.94	.....	− 6 13 27.4	....
4	B. D.+39°21.	9	6 42.18	+ 0.14	+ 1.71	358 57 50.72	45.808	+ 8.00	− 1.0	0 6 44.03	− 2.81	+39 53 15.6	−24.1
5	B. D.+37°32.	9	11 7.72	+ 0.14	+ 1.71	0 35 50.78	46.742	+ 8.00	+ 0.7	0 11 9.57	− 2.81	+38 14 52.6	−23.6
6	B. D.+37°42.	9	15 9.27	+ 0.14	+ 1.71	1 7 50.52	45.260	+ 8.00	+ 1.2	0 15 11.12	− 2.83	+37 43 26.2	−23.4
7	B. D.+38°42.	9	20 10.17	+ 0.14	+ 1.71	0 13 50.08	43.355	+ 8.00	+ 0.3	0 20 12.02	− 2.89	+38 38 11.0	−23.3
8	12 Ceti.	9	25 18.28	+ 0.05	+ **1.69**	43 17 52.82	46.678	+ 8.00	+ 56.2	0 25 20.04	.....	− 4 28 3.4	....
9	B. D.+38°73.	9	30 23.63	+ 0.14	+ 1.71	0 23 50.38	46.848	+ 8.00	+ 0.5	0 30 25.48	− 2.96	+38 26 50.7	−22.7
10	β Ceti.	9	38 56.19	+ 0.01	+ **1.64**	57 19 53.45	44.037	+ 8.00	+1 32.8	0 38 57.90	.....	−18 29 40.3	....
	November 13, M.												
11	Neptune C, C.	9	3 23.41	+ 0.13	+ 1.76	17 3 50.98	42.419	+ 8.81	+ 18.5	7 3 25.30	.....	+21 48 12.6	....
12	66 Aurigæ.	9	17 43.31	+ 0.16	+ 1.76	357 59 49.82	46.888	+ 8.81	− 2.0	7 17 45.23	.....	+40 50 52.0	....
13	β Canis Minoris.	9	22 6.99	+ 0.11	+ **1.79**	30 21 50.65	46.045	+ 8.81	+ 35.2	7 22 8.86	.....	+ 8 28 33.3	....
14	α Geminorum (*fol.*).	9	28 40.85	+ 0.15	+ 1.76	6 45 49.72	45.158	+ 8.81	+ 7.2	7 28 42.76	.....	+32 5 22.3	....
15	β Geminorum.	9	39 38.24	+ 0.15	+ **1.79**	10 36	......	....	.....	7 39 40.15	.....	+28 14	....
16	4 Puppis.	9	41 40.19	+ 0.06	+ 1.76	53 9 50.58	46.182	+ 8.81	+1 19.8	7 41 42.01	− 2.07	−14 20 14.2	− 2.5
17	9 Puppis.	9	47 28.16	+ 0.06	+ 1.76	52 29 51.15	43.098	+ 8.81	+1 17.8	7 47 29.98	.....	−13 39 2.3	....
18	53 Camelopardalis.	9	53 47.81	+ 0.16	+ 1.76	338 17 49.08	43.880	+ 8.81	− 23.7	7 53 49.73	− 3.62	+60 34 23.1	+20.4
19	χ Geminorum.	8	57 49.05	+ 0.15	+ **1.79**	10 47 49.90	45.645	+ 8.81	+ 11.5	7 57 50.96	.....	+28 3 6.9	....
20	3 H. Ursæ Majoris.	9	3 36.36	+ 0.15	+ 1.76	330 7 47.60	44.055	+ 8.81	− 34.2	8 3 38.27	.....	+68 44 31.0	....
21	20 Puppis.	9	9 3.64	+ 0.06	+ 1.76	54 19 51.80	46.582	+ 8.81	+1 23.2	8 9 5.46	.....	−15 30 28.0	....
22	58 Camelopardalis.	9	12 57.04	+ 0.16	+ 1.76	340 49 48.40	45.755	+ 8.81	− 20.7	8 12 58.96	− 3.19	+58 1 37.9	+21.0
23	30 Monocerotis.	9	21 0.98	+ 0.09	+ **1.78**	42 25 51.58	47.215	+ 8.81	+ 54.7	8 21 2.83	.....	− 3 36 13.8	....
24	110 B. Lyncis.	9	26 52.90	+ 0.16	+ 1.76	0 31 50.20	44.245	+ 8.81	+ 0.6	8 26 54.82	.....	+38 19 49.5	....
25	δ Hydræ.	9	32 44.13	+ 0.11	+ 1.76	32 49 51.45	43.245	+ 8.81	+ 38.6	8 32 46.00	.....	+ 6 1 33.2	....
26	γ Cancri.	9	37 54.52	+ 0.13	+ **1.81**	17 2	......	....	.....	8 37 56.41	.....	+21 48	....
27	δ Cancri.	9	39 24.25	+ 0.13	+ **1.77**	20 21 50.42	43.905	+ 8.81	+ 22.3	8 39 26.14	.....	+18 29 35.2	....
28	14 Hydræ.	9	44 41.37	+ 0.09	+ 1.76	41 55 51.65	46.482	+ 8.81	+ 53.9	8 44 43.22	.....	− 3 5 56.3	....
29	76 Draconis S. P.	9	49 16.88	+ 0.39	+ 1.76	301 3 46.48	47.598	+ 8.81	−1 38.8	20 49 19.03	.....	+82 11 43.7	....
30	κ Ursæ Majoris.	9	57 17.22	+ 0.17	+ 1.76	351 19 49.52	46.528	+ 8.81	− 9.1	8 57 19.15	.....	+47 31 7.6	....
31	κ Cancri.	9	2 42.63	+ 0.12	+ **1.78**	27 47 51.40	46.565	+ 8.81	+ 31.7	9 2 44.51	.....	+11 2 24.2	....
32	98 B. Cephei S. P.	9	7 19.86	+ 0.33	+ 1.76	296 37 45.88	47.743	+ 8.81	−1 58.7	21 7 21.95	.....	+77 45 26.6	....
33	83 Cancri.	9	13 47.45	+ 0.13	+ **1.79**	20 45 50.28	43.405	+ 8.81	+ 22.8	9 13 49.34	.....	+18 5 46.6	....
34	*h* Mali.	9	17 22.29	+ 0.01	+ 1.76	64 23 53.05	43.870	+ 8.81	+2 5.1	9 17 24.06	.....	−25 34 9.1	....
35	1 H. Draconis.	9	23 55.20	+ 0.07	+ 1.76	317 7 47.90	46.833	+ 8.81	− 55.6	9 23 57.03	.....	+81 43 48.7	....
36	160 G. Hydræ.	9	28 55.21	+ 0.04	+ 1.76	59 31 52.35	45.130	+ 8.81	+1 42.2	9 28 57.01	− 1.49	−20 42 14.3	− 2.0
	November 14, M.												
37	Sun I, N.	9	13 47.49	0.00	+ 1.77	56 37 52.32	44.142	+ 7.93	+1 29.7	15 13 49.26	+68.34	−17 47 38.4	....
38	Sun II, S.	9	16 4.18	0.00	+ 1.77	57 9 53.92	44.898	+ 7.93	+1 31.6	15 16 5.95	−68.35	−18 19 59.1	....
39	Venus I, C.	9	19 36.91	− 0.02	+ 1.77	60 35 54.65	46.635	+ 8.21	+1 44.7	16 19 38.66	+ 0.33	−21 46 52.9	....
40	Venus II.	9	19 37.54	− 0.02	+ 1.77	... .	......	....	.....	16 19 39.29	− 0.30	.. ..	....
41	τ Pegasi.	9	16 2.38	+ 0.06	+ **1.71**	15 38	......	....	.....	23 16 4.21	.....	+23 14	....
42	*b*¹ Aquarii.	9	18 5.76	− 0.04	+ 1.77	59 25 52.08	45.570	+ 8.06	+1 41.5	23 18 7.49	− 2.17	−20 36 22.7	− 9.1
43	θ Piscium.	9	23 15.43	+ 0.03	+ **1.73**	32 57 53.00	46.395	+ 8.06	+ 39.0	23 23 17.23	.....	+ 5 52 20.0	....
44	Saturn I, C.	7	29 46.69	0.00	+ 1.77	44 39 53.50	48.094	+ 8.06	+ 59.3	23 29 48.46	+ 0.60	− 5 49 4.4	....
45	Saturn II.	7	29 47.89	0.00	+ 1.77	... .	......	....	.....	23 29 49.66	− 0.60	.. ..	....
46	Moon I, S.	9	34 41.10	0.00	+ 1.77	47 29 53.88	44.515	+ 8.06	+1 5.5	23 34 42.87	+66.25	− 8 39 24.4	....
47	φ Pegasi.	9	47 45.88	+ 0.05	+ **1.78**	20 13 51.75	46.635	+ 8.06	+ 22.2	23 47 47.70	.....	+18 36 32.5	....
48	ω Piscium.	9	54 32.73	+ 0.03	+ **1.73**	32 29 52.88	44.272	+ 8.06	+ 38.3	23 54 34.53	.....	+ 6 21 9.3	....
49	33 Piscium.	9	0 35.14	0.00	+ **1.76**	45 3 53.85	44.928	+ 8.06	+1 0.2	0 0 36.91	.....	− 6 13 28.5	....
50	4 H. Draconis S. P.	7	7 46.03	+ 0.29	+ 1.77	297 1 47.68	42.735	+ 8.06	−1 56.9	12 7 48.09	.....	+78 7 35.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 0 1	......	....	36.0
0 16	......	....	35.9
0 31	......	....	36.0
0 40	29.84	35.0	36.0
7 1	29.85	31.3	32.0
7 26	......	....	32.8
7 32	29.85	32.3	34.2
7 51	......	....	35.2
8 7	......	....	35.4
8 24	29.87	33.7	34.9
8 43	......	....	34.1
9 11	......	....	33.0
9 29	29.89	32.7	32.2
14 15 16	29.99	41.4	41.6
16 20	29.99	42.2	42.2
23 14	30.02	35.7	35.5
23 27	......	....	35.6
23 52	30.02	35.1	35.4

Micrometer bisections are made at II, VI, except as noted below.

10. Bisections at II, VI, VII.
11, 39, 44. Bisections at I, II, VI, VII.
13. Bisections at II, VII.
14, 38. Bisections at VI, VII.
20. Bisections at V, VI.
27. Bisection at VI.
29, 32, 35. Bisections at III, IV, V.
33, 37. Bisections at I, II.
44. Z. D. threads C used.
46. Bisections at II, III, IV, V, VI.
50. Bisections at IV, V.

Notes.

1, 2. Observed head north.
5–7. Observed head south.
11–18. Conditions rather poor.
34. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	' "	' "	"	' "
11	+ 0.1	.. ....	...	+ 0.1
37	+ 7.4	−16 10.3	...	−16 2.9
38	+ 7.5	+16 10.3	...	+16 17.8
39	+ 4.7	.. ....	0.0	+ 4.7
44	+ 0.7	.. ....	...	+ 0.7
46	+42 38.2	+15 50.0	...	+58 28.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	318 B. Cephei	9	11 0.56	+ 0.02	+ 1.77	322 25 47.40	44.715	+ 8.06	− 46.1	0 11 2.35	− 5.99	+76 26 28.9	−26.4
2	12 Ceti	9	25 18.26	+ 0.01	+ **1.75**	43 18	......	....	. ....	0 25 20.04	.....	− 4 28	....
3	κ Cassiopeiæ	9	27 44.50	+ 0.07	+ 1.77	336 25 48.02	46.332	+ 8.06	− 26.1	0 27 46.34	− 4.02	+62 25 31.4	−25.2
4	319 B. Cephei	9	32 51.09	− 0.06	+ 1.77	316 53 48.20	43.168	+ 8.06	− 56.1	0 32 52.80	−10.15	+81 59 13.4	−24.6
5	β Ceti	9	38 56.14	− 0.03	+ **1.73**	57 19 53.32	44.042	+ 8.06	+1 33.7	0 38 57.88	.....	−18 29 41.2	....
6	ν Cassiopeiæ	9	43 35.10	+ 0.08	+ 1.77	348 23 50.52	44.275	+ 8.06	− 12.3	0 43 36.95	− 3.46	+50 28 2.0	−23.3
7	γ Cassiopeiæ	9	51 7.48	+ 0.07	+ 1.77	338 39 49.62	41.840	+ 8.06	− 23.4	0 51 9.32	.....	+60 13 9.6	....
8	26 Ceti	9	59 2.65	+ 0.02	+ 1.77	37 57 53.30	46.108	+ 8.06	+ 47.0	0 59 4.44	− 2.60	+ 0 52 18.3	−14.6
9	η Ceti	9	3 55.59	0.00	+ 1.77	49 29 53.50	46.788	+ 8.06	+1 10.5	1 3 57.36	.....	−10 40 20.9	....
10	37 Ceti	9	9 43.83	0.00	+ 1.77	47 15 52.80	43.968	+ 8.06	+1 5.2	1 9 45.60	− 2.59	− 8 25 10.5	−12.4
11	υ Piscium	9	14 22.28	+ 0.06	+ **1.78**	12 3 50.08	46.430	+ 8.06	+ 12.9	1 14 24.11	.....	+26 46 48.2	....
12	109 G. Sculptoris	9	19 12.31	− 0.09	+ 1.77	70 13 55.52	46.112	+ 8.06	+2 46.7	1 19 13.99	− 2.61	−31 25 43.6	− 7.3
13	9 B. Ursæ Minoris S. P.	9	23 40.49	+ 0.26	+ 1.77	291 45 47.80	45.640	+ 8.06	−2 29.2	13 23 42.52	.....	+72 52 9.2	....
	November 14, Hl.												
14	Neptune C, C	9	3 19.89	+ 0.11	+ 1.70	17 1 52.75	47.360	+ 8.54	+ 18.7	7 3 21.70	.....	+21 48 18.0	....
15	β Canis Minoris	9	22 7.11	+ 0.09	+ **1.72**	30 21 51.98	45.982	+ 8.54	+ 35.6	7 22 8.90	.....	+ 8 28 33.4	....
16	108 G. Puppis	9	30 4.74	+ 0.01	+ 1.70	60 53 54.00	48.508	+ 8.54	+1 49.0	7 30 6.45	− 2.10	−22 5 39.5	− 4.6
17	f Puppis	9	33 56.04	− 0.05	+ 1.70	73 33 54.35	43.838	+ 8.54	+3 23.9	7 33 57.69	− 2.01	−34 45 28.2	− 7.3
18	β Geminorum	9	39 38.37	+ 0.12	+ **1.73**	10 35 49.95	46.252	+ 8.54	+ 11.4	7 39 40.19	.....	+28 14 53.4	....
19	φ Geminorum	9	47 49.17	+ 0.12	+ **1.72**	11 49 50.32	47.905	+ 8.54	+ 12.8	7 47 50.99	.....	+27 0 13.8	....
20	53 Camelopardalis	9	53 48.07	+ 0.13	+ 1.70	338 17 50.65	43.872	+ 8.54	− 24.1	7 53 49.90	.....	+60 34 22.4	....
21	χ Geminorum	9	57 49.12	+ 0.12	+ **1.78**	10 47 49.78	45.642	+ 8.54	+ 11.6	7 57 50.94	.....	+28 3 7.3	....
22	κ Cephei S. P.	9	11 57.55	+ 0.32	+ 1.70	296 19 46.62	45.008	+ 8.54	−2 1.8	20 11 59.57	.....	+77 26 20.7	....
23	31 Lyncis	9	16 29.27	+ 0.13	+ 1.70	355 21 49.95	46.945	+ 8.54	− 4.8	8 16 31.10	.....	+43 28 53.7	....
24	ο Ursæ Majoris	9	22 34.24	+ 0.12	+ 1.70	337 49 49.52	46.570	+ 8.54	− 24.6	8 22 36.06	.....	+61 1 22.4	....
25	η Cancri	9	27 20.33	+ 0.10	+ **1.72**	18 5 51.25	44.875	+ 8.54	+ 19.9	8 27 22.13	.....	+20 45 15.2	....
26	δ Hydræ	9	32 44.26	+ 0.09	+ 1.70	32 49 52.50	43.128	+ 8.54	+ 39.2	8 32 46.05	.....	+ 6 1 34.5	....
27	β Pyxidis	9	36 27.77	− 0.05	+ 1.70	73 45 54.70	46.682	+ 8.54	+3 26.8	8 36 29.42	− 1.70	−34 58 36.5	− 6.5
28	γ Pyxidis	9	46 35.13	− 0.01	+ 1.70	66 11 52.52	42.548	+ 8.54	+2 17.2	8 46 36.82	− 1.70	−27 21 49.9	− 4.5
29	60 Cancri	9	50 51.04	+ 0.10	+ 1.70	26 51 52.75	45.658	+ 8.54	+ 30.8	8 50 52.84	− 1.93	+11 58 44.8	+ 8.1
30	κ Ursæ Majoris	9	57 17.44	+ 0.14	+ 1.70	351 19 51.00	46.490	+ 8.54	− 9.2	8 57 19.28	.....	+47 31 7.4	....
31	σ² Ursæ Majoris	9	2 14.59	+ 0.12	+ 1.70	331 21 49.02	44.535	+ 8.54	− 33.0	9 2 16.41	.....	+67 30 17.6	....
32	36 Lyncis	9	7 43.93	+ 0.13	+ 1.70	355 15 50.45	44.690	+ 8.54	− 5.0	9 7 45.76	− 2.14	+43 35 44.9	+19.3
33	83 Cancri	9	13 47.57	+ 0.10	+ **1.74**	20 45 51.32	43.305	+ 8.54	+ 23.1	9 13 49.37	.....	+18 5 47.7	....
34	28 Hydræ	9	20 44.86	+ 0.06	+ 1.70	43 33 53.75	43.920	+ 8.54	+ 57.8	9 20 46.62	− 1.65	− 4 43 3.4	+ 3.0
35	ξ Leonis	9	26 55.98	+ 0.09	+ **1.72**	27 7 52.75	46.175	+ 8.54	+ 31.2	9 26 57.77	.....	+11 42 32.6	....
	November 15, Hl.												
36	Sun I, N	8	17 53.43	+ 0.09	+ 1.70	56 51 53.90	48.495	+ 7.92	+1 30.2	15 17 55.22	+68.40	−18 3 19.9	....
37	Sun II, S	8	20 10.24	+ 0.09	+ 1.70	57 23 52.78	49.400	+ 7.92	+1 32.0	15 20 12.03	−68.41	−18 35 41.2	....
38	Venus I, C	9	24 54.30	+ 0.04	+ 1.70	60 51 55.45	43.498	+ 7.31	+1 44.9	16 24 56.04	+ 0.39	−22 1 41.3	....
39	Venus II	9	24 55.06	+ 0.04	+ 1.70	... .	......	....	. ....	16 24 56.80	− 0.37	.. ..	....
40	30 H. Ursæ Majoris S. P.	9	17 25.63	+ 0.25	+ 1.70	284 57 53.78	42.360	+ 2.70	−3 36.8	10 17 27.58	.....	+66 1 47.1	....
41	η Aquarii	9	30 34.87	+ 0.03	+ **1.67**	39 25 59.12	45.715	+ 2.79	+ 48.7	22 30 36.60	.....	− 0 35 35.0	....
42	λ Aquarii	9	47 46.16	+ 0.01	+ **1.64**	46 55 58.52	41.690	+ 2.91	+1 3.3	22 47 47.87	.....	− 8 4 16.9	....
43	γ Piscium	9	12 21.10	+ 0.04	+ **1.68**	36 3 56 60	45.320	+ 3.08	+ 43.2	23 12 22.84	.....	+ 2 46 41.7	....
44	14 Piscium	9	29 22.61	+ 0.03	+ 1.70	40 35 55.10	45.368	+ 3.20	+ 50.9	23 29 24.34	− 2.19	− 1 45 25.7	−15.0
45	κ Andromedæ	9	35 50.26	+ 0.08	+ 1.70	355 1 54.88	45.230	+ 3.24	− 5.1	23 35 52.04	− 2.58	+43 49 33.5	−26.2
46	φ Pegasi	9	47 45.83	+ 0.06	+ **1.81**	20 13 56.00	46.668	+ 3.32	+ 22.0	23 47 47.59	.....	+18 36 32.6	....
47	33 Piscium	9	0 35.15	+ 0.02	+ **1.72**	45 3 57.32	44.975	+ 3.41	+ 59.6	0 0 36.87	.....	− 6 13 27.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 0 37	30.03	34.4	34.3
0 55	......	....	34.0
1 28	30.03	33.9	33.8
6 48	30.03	30.6	30.0
7 6	......	....	30.0
7 26	30.03	30.7	30.2
7 44	......	....	30.1
8 5	......	....	30.1
8 31	......	....	30.0
8 44	30.03	30.3	....
8 54	......	....	30.0
9 19	......	....	29.9
9 34	30 04	30.3	29.8
15 15 20	30.01	44.3	45.0
16 25	30.02	45.2	45.8
22 2	30.01	42.3	43.0
22 27	......	....	42.6
23 15	......	....	41.7
23 30	30.02	40.6	41.0
23 55	......	....	40.2
0 15	......	....	40.0

Micrometer bisections are made at II, VI, except as noted below.

1, 3, 4, 13.	Bisections at III, V.
14, 38.	Bisections at I, II, VI, VII.
16, 20, 24, 25, 28, 36, 42, 46.	Bisections at I, II.
22, 37, 40.	Bisections at VI, VII.
27.	Bisections at II, VI, VII.

Notes.

17.	Unsteady.
40–47.	Light clouds.
42.	Faint.
45.	Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+ 0.1	.. ....	...	+ 0.1
36	+ 7.4	−16 10.6	...	−16 3.2
37	+ 7.5	+16 10.6	...	+16 18.1
38	+ 4.7	... .	0.0	+ 4.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon I, S.	9	26 39.23	+ 0.02	+ 1.70	42 11 58.60	47.458	+ 3.59	+ 54.0	0 26 40.95	+65.11	− 3 22 20.4	....
2	β Ceti	9	38 56.17	− 0.02	+ **1.68**	57 19 59.02	44.058	+ 3.68	+1 32.6	0 38 57.85	.....	−18 29 41.5	....
3	ζ Andromedæ	9	42 25.32	+ 0.06	+ **1.79**	15 5 56.50	43.062	+ 3.70	+ 16.1	0 42 27.08	.....	+23 45 59.6	....
	November 15, P.												
4	β Canis Minoris	9	22 7.21	+ 0.08	+ **1.66**	30 21 55.78	46.015	+ 4.11	+ 35.2	7 22 8.99	.....	+ 8 28 33.6	....
5	108 G. Puppis	9	30 4.86	0.00	+ 1.70	60 55 58.40	43.287	+ 4.13	+1 47.7	7 30 6.56	− 2.13	−22 5 39.1	− 4.4
6	*f* Puppis	9	33 56.17	− 0.06	+ 1.70	73 33 59.50	43.892	+ 4.14	+3 21.5	7 33 57.81	− 2.04	−34 45 27.8	− 7.1
7	4 Puppis	9	41 40.42	+ 0.03	+ 1.70	53 9 57.30	46.042	+ 4.16	+1 20.2	7 41 42.15	− 2.13	−14 20 13.5	− 2.2
8	φ Geminorum	9	47 49.27	+ 0.11	+ **1.66**	11 49 54.68	47.907	+ 4.17	+ 12.7	7 47 51.08	.....	+27 0 13.8	....
9	ω^1 Cancri	9	55 19.09	+ 0.11	+ 1.70	13 11 54.25	46.680	+ 4.19	+ 14.2	7 55 20.90	.....	+25 38 40.8	....
10	3 H. Ursæ Majoris	9	3 36.57	+ 0.13	+ 1.70	330 7 53.38	44.030	+ 4.21	− 34.4	8 3 38.40	.....	+68 44 30.8	....
11	20 Puppis	9	9 3.86	+ 0.02	+ 1.70	54 19 56.58	46.532	+ 4.23	+1 23.7	8 9 5.58	.....	−15 30 27.5	....
12	58 Camelopardalis	9	12 57.28	+ 0.14	+ 1.70	340 49 53.80	45.728	+ 4.24	− 20.8	8 12 59.12	− 3.29	+58 1 38.0	+21.0
13	30 Monocerotis	9	21 1.09	+ 0.06	+ **1.76**	42 25 56.88	47.142	+ 4.26	+ 55.1	8 21 2.85	.....	− 3 36 13.2	....
14	110 B. Lyncis	9	26 53.16	+ 0.12	+ 1.70	0 31 55.52	44.152	+ 4.27	+ 0.6	8 26 54.98	.....	+38 19 50.8	....
15	σ Hydræ	9	33 54.14	+ 0.07	+ 1.70	35 9 55.88	47.198	+ 4.29	+ 42.5	8 33 55.91	.....	+ 3 39 59.0	....
16	δ Cancri	9	39 24.44	+ 0.09	+ **1.69**	20 21 54.72	43.835	+ 4.30	+ 22.4	8 39 26.23	.....	+18 29 36.9	....
17	14 Hydræ	9	44 41.47	+ 0.06	+ 1.70	41 55 56.35	46.435	+ 4.32	+ 54.1	8 44 43.23	.....	− 3 5 55.6	....
18	76 Draconis s. p.	9	49 16.77	+ 0.27	+ 1.70	301 3 52.08	47.573	+ 4.33	−1 39.2	20 49 18.74	.....	+82 11 43.9	....
19	κ Ursæ Majoris	9	57 17.47	+ 0.13	+ 1.70	351 19 54.30	46.532	+ 4.35	− 9.1	8 57 19.30	.....	+47 31 7.3	....
20	κ Cancri	9	2 42.83	+ 0.08	+ **1.68**	27 47 56.48	46.535	+ 4.36	+ 31.8	9 2 44.61	.....	+11 2 24.2	....
21	98 B. Cephei s. p.	9	7 19.89	+ 0.24	+ 1.70	296 37 51.50	47.770	+ 4.37	−1 59.0	21 7 21.83	.....	+77 45 28.1	....
22	83 Cancri	9	13 47.65	+ 0.09	+ **1.70**	20 45 55.08	43.340	+ 4.39	+ 22.9	9 13 49.44	.....	+18 5 47.5	....
23	*h* Mali	9	17 22.53	− 0.02	+ 1.70	64 23 58.50	43.788	+ 4.40	+2 5.3	9 17 24.21	.....	−25 34 8.5	....
24	1 H. Draconis	9	23 55.58	+ 0.09	+ 1.70	317 7 52.08	46.868	+ 4.41	− 55.7	9 23 57.37	.....	+81 43 48.3	....
25	10 Leonis	9	32 18.06	+ 0.08	+ 1.70	31 35 55.02	44.660	+ 4.44	+ 37.1	9 32 19.84	− 1.67	+ 7 15 3.1	+ 7.6
26	B. D.+59°1257	9	36 57.02	+ 0.14	+ 1.70	339 5 53.02	47.645	+ 4.45	− 22.9	9 36 58.86	− 2.08	+59 44 56.7	+24.7
27	υ Ursæ Majoris	9	44 23.19	+ 0.14	+ 1.70	339 23 52.82	44.462	+ 4.47	− 22.6	9 44 25.03	.....	+59 28 9.5	....
28	μ Leonis	9	47 28.48	+ 0.11	+ **1.65**	12 23 55.58	47.252	+ 4.48	+ 13.3	9 47 30.29	.....	+26 26 27.0	....
	November 16, P.												
29	Sun I, S.	9	21 59.98	+ 0.02	+ 1.69	57 39 57.60	47.695	+ 4.35	+1 32.9	15 22 1.69	+68.59	−18 51 4.4	....
30	Sun II, N.	9	24 17.16	+ 0.02	+ 1.69	57 7 57.92	46.782	+ 4.35	+1 31.0	15 24 18.87	−68.59	−18 18 41.9	....
31	Venus I, C.	9	30 12.79	− 0.02	+ 1.69	61 5 58.50	43.890	+ 3.53	+1 45.7	16 30 14.46	+ 0.42	−22 15 50.3	....
32	Venus II	9	30 13.59	− 0.02	+ 1.69	... .	......	....	. ....	16 30 15.26	− 0.38	.. ..	....
33	30 H. Ursæ Majoris s. p.	9	17 25.98	+ 0.19	+ 1.67	284 57 52.15	42.307	+ 3.43	−3 36.2	10 17 27.84	.....	+66 1 45.8	....
34	B. D.+37°4575	9	22 34.39	+ 0.08	+ 1.67	0 41 55.52	45.385	+ 3.46	+ 0.8	22 22 36.14	− 1.78	+38 9 23.3	−26.5
35	B. D.+39°4856	9	26 24.65	+ 0.08	+ 1.67	359 7 55.08	44.310	+ 3.47	− 0.8	22 26 26.40	− 1.82	+39 43 49.8	−26.8
36	η Aquarii	9	30 34.91	+ 0.02	+ **1.63**	39 25 57.52	45.750	+ 3.49	+ 48.5	22 30 36.60	.....	− 0 35 34.7	....
37	B. D.+39°4906	9	35 14.35	+ 0.08	+ 1.67	358 43 55.30	45.515	+ 3.51	− 1.2	22 35 16.10	− 1.91	+40 7 22.5	−26.9
38	λ Aquarii	9	47 46.19	0.00	+ **1.61**	46 55 57.65	41.695	+ 3.56	+1 3.2	22 47 47.86	.....	− 8 4 16.9	....
39	B. D.+38°4903	9	53 19.18	+ 0.08	+ 1.67	359 57 55.38	44.130	+ 3.59	0.0	22 53 20.93	− 2.08	+38 53 52.7	−26.4
40	B. D.+38°4911	9	57 32.07	+ 0.08	+ 1.67	0 13 54.30	46.778	+ 3.61	+ 0.3	22 57 33.82	− 2.12	+38 36 53.0	−26.3
41	B. D.+37°4765	9	2 1.55	+ 0.08	+ 1.67	0 47 53.82	42.812	+ 3.62	+ 0.9	23 2 3.30	− 2.16	+38 4 23.5	−26.1
42	B. D.+37°4782	9	6 55.07	+ 0.08	+ 1.67	1 27 55.40	44.235	+ 3.65	+ 1.6	23 6 56.82	− 2.20	+37 23 48.7	−25.9
43	γ Piscium	9	12 21.11	+ 0.03	+ **1.67**	36 3 57.08	45.300	+ 3.67	+ 43.1	23 12 22.81	.....	+ 2 46 41.2	....
44	B. D.+37°4820	9	16 49.58	+ 0.09	+ 1.67	0 45 53.88	47.038	+ 3.69	+ 0.9	23 16 51.34	− 2.30	+38 4 46.8	−25.8
45	B. D.+38°4999	9	21 31.50	+ 0.09	+ 1.67	0 1 54.42	43.502	+ 3.71	+ 0.1	23 21 33.26	− 2.35	+38 50 7.8	−25.8
46	B. D.+37°4852	9	25 4.69	+ 0.09	+ 1.67	0 43 54.48	43.168	+ 3.73	+ 0.8	23 25 6.45	− 2.37	+38 8 14.7	−25.6
47	15 Andromedæ	9	30 5.11	+ 0.09	+ 1.67	359 7 55.62	44.362	+ 3.75	− 0.8	23 30 6.87	− 2.44	+39 43 47.8	−25.7
48	γ Cephei	9	35 34.32	+ 0.12	+ 1.67	321 45 50.25	42.752	+ 3.77	− 46.4	23 35 36.11	.....	+77 7 15.5	....
49	B. D.+36°5117	9	42 5.03	+ 0.09	+ 1.67	1 51 55.45	43.960	+ 3.80	+ 2.0	23 42 6.79	− 2.51	+36 59 54.3	−24.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 0 31	30.03	40.7	40.0
0 46	30.03	40.4	39.8
7 19	30.01	35.5	35.9
7 40	......	. ..	35.1
8 0	......	....	34.8
8 24	30.02	34.5	34.2
8 40	......	....	34.0
9 1	30.03	34.5	34.1
9 22	......	....	34.0
9 41	......	....	34.0
9 49	30.035	34.2	34.0
16 15 24	30.07	45.3	46.0
16 32	30.04	48.0	48.0
22 15	30.02	43.0	44.1
22 31	......	....	44.0
22 45	......	....	43.0
23 0	......	....	43.0
23 15	30.02	42.0	43.1
23 30	30.02	41.6	43.0

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at II, III, IV, V, VI.
2, 29.	Bisections at I, II.
3, 16, 30.	Bisections at VI, VII.
4–8.	Bisections at II, VI, VII.
10, 12, 19, 27, 48.	Bisections at III, V.
18, 24.	Bisections at b_1, b_3, b_5, b_7, b_9.
21, 33.	Bisections at III, IV, V.
26.	Bisections at IV, V, VI.
31.	Bisections at I, II, VI, VII.

Notes.

1–3.	Light clouds.
34, 39–42.	Observed head south.
37.	Observed head north.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+38 31.4	+15 42.3	...	+54 13.7
29	+ 7.5	+16 11.3	...	+16 18.8
30	+ 7.5	−16 11.2	...	−16 3.7
31	+ 4.7	.. ....	0.0	+ 4.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	φ Pegasi	9	47 45.97	+ 0.05	+ **1.67**	20 13 56.12	46.630	+ 3.82	+ 21.9	23 47 47.69	.....	+18 36 32.8	....
2	B. D.+39°5194	9	52 19.91	+ 0.10	+ 1.67	358 45 53.82	45.322	+ 3.84	− 1.2	23 52 21.68	− 2.65	+40 5 28.0	−25.0
3	B. D.+38°5112	9	56 39.51	+ 0.10	+ 1.67	359 45 54.12	43.848	+ 3.86	− 0.2	23 56 41.28	− 2.67	+39 6 0.4	−24.7
4	33 Piscium	9	0 35.14	0.00	+ **1.74**	45 3 56.35	45.022	+ 3.88	+ 59.5	0 0 36.81	.....	− 6 13 28.3	....
5	B. D.+39°21	9	6 42.16	+ 0.10	+ 1.67	358 57 54.85	45.752	+ 3.90	− 1.0	0 6 43.93	− 2.77	+39 53 16.9	−24.4
6	B. D.+37°32	9	11 7.76	+ 0.10	+ 1.67	0 35 54.35	46.695	+ 3.92	+ 0.7	0 11 9.53	− 2.78	+38 14 54.1	−23.9
7	B. D.+37°42	9	15 9.30	+ 0.10	+ 1.67	1 7 55.08	45.205	+ 3.94	+ 1.2	0 15 11.07	− 2.80	+37 43 26.9	−23.6
8	B. D.+38°42	9	20 10.26	+ 0.10	+ 1.67	0 13 54.42	43.288	+ 3.96	+ 0.3	0 20 12.03	− 2.86	+38 38 12.3	−23.5
9	12 Ceti	9	25 18.36	+ 0.01	+ **1.63**	43 17 58.05	46.658	+ 3.98	+ 56.1	0 25 20.04	.....	− 4 28 4.1	....
10	B. D.+38°73	9	30 23.73	+ 0.10	+ 1.67	0 23 54.62	46.875	+ 4.01	+ 0.5	0 30 25.50	− 2.93	+38 26 49.8	−23.0
11	β Ceti	9	38 56.11	− 0.04	+ **1.75**	57 19 57.15	44.100	+ 4.04	+1 32.6	0 38 57.74	.....	−18 29 41.3	....
12	Moon I, S	9	17 24.16	+ 0.04	+ 1.67	36 51 57.68	47.561	+ 4.16	+ 44.7	1 17 25.87	+64.54	+ 1 57 46.9	....
	November 17, Hl.												
13	32 Pegasi	9	17 1.65	+ 0.08	+ 1.62	10 59 56.70	42.995	+ 3.06	+ 11.6	22 17 3.35	− 1.72	+27 52 6.3	−24.0
14	η Aquarii	9	30 34.92	+ 0.03	+ **1.60**	39 25 56.68	45.790	+ 3.11	+ 48.9	22 30 36.57	.....	− 0 35 34.8	....
15	α Pegasi	9	0 8.01	+ 0.06	+ **1.64**	24 10	......	....	. ....	23 0 9.69	.....	+14 42	....
16	φ Aquarii	9	9 30.89	+ 0.01	+ **1.56**	45 26	......	....	. ....	23 9 32.52	.....	− 6 32	....
17	γ Piscium	9	12 21.13	+ 0.04	+ **1.63**	36 6	......	....	. ....	23 12 22.79	.....	+ 2 46	....
18	υ Pegasi	9	20 44.73	+ 0.07	+ **1.59**	16 0	......	....	. ....	23 20 46.42	.....	+22 53	....
19	ι Piscium	9	35 10.54	+ 0.04	+ **1.66**	33 46	......	....	. ....	23 35 12.20	.....	+ 5 7	....
20	33 Piscium	9	0 35.20	+ 0.02	+ **1.65**	45 3 57.08	44.998	+ 3.41	+ 59.7	0 0 36.84	.....	− 6 13 28.2	....
21	12 Ceti	9	25 18.33	+ 0.02	+ **1.65**	43 17 58.62	46.660	+ 3.49	+ 56.3	0 25 19.97	.....	− 4 28 4.4	....
22	Moon I, S	9	7 46.40	+ 0.02	+ 1.62	31 45 55.15	44.205	+ 3.69	+ 37.0	2 7 48.04	+64.50	+ 7 5 14.3	....
	November 19, Hl.												
23	Sun I, S	9	34 24.30	− 0.01	+ 1.58	58 23 57.12	48.075	+ 4.03	+1 34.6	15 34 25.87	+68.93	−19 35 14.0	....
24	Sun II, N	9	36 42.16	− 0.01	+ 1.58	57 51 58.38	47.032	+ 4.03	+1 32.7	15 36 43.73	−68.93	−19 2 49.5	....
25	Venus I, C	9	46 14.16	− 0.02	+ 1.58	61 43 54.92	45.510	+ 4.03	+1 47.4	16 46 15.72	+ 0.41	−22 54 25.9	....
26	Venus II	9	46 14.94	− 0.02	+ 1.58	... .	......	....	. ....	16 46 16.50	− 0.37	.. ..	....
27	δ Ceti	9	34 44.20	+ 0.02	+ **1.56**	38 56	......	....	. ....	2 34 45.77	.....	− 0 4	....
28	γ Ceti	9	38 30.19	+ 0.02	+ **1.54**	36 2	......	....	. ....	2 38 31.76	.....	+ 2 50	....
29	μ Ceti	9	39 56.21	+ 0.04	+ **1.55**	29 8	......	....	. ....	2 39 57.80	.....	+ 9 43	....
30	41 Arietis	9	44 32.17	+ 0.08	+ **1.52**	12 0	......	....	. ....	2 44 33.80	.....	+26 52	....
31	η Eridani	9	51 54.29	− 0.01	+ **1.59**	48 8	......	....	. ....	2 51 55.83	.....	− 9 15	....
32	ε Arietis (*mean*)	9	53 55.13	+ 0.06	+ **1.55**	17 54	......	....	. ....	2 53 56.74	.....	+20 58	....
33	α Ceti	9	57 26.37	+ 0.03	+ **1.57**	35 8	......	....	. ....	2 57 28.07	.....	+ 3 43	....
34	Moon I, N	9	50 0.31	+ 0.03	+ 1.55	22 33 58.02	47.423	+ 4.65	+ 24.5	3 50 1.89	+65.27	+16 16 12.0	....
35	Moon II, S	8	52 10.95	+ 0.03	+ 1.55	23 3 55.18	49.077	+ 4.65	+ 25.1	3 52 12.53	−65.37	+15 45 31.0	....
	November 24, M.												
36	Neptune C, C	9	2 36.49	+ 0.14	+ 1.67	17 0 4.62	49.586	+ 8.52	+ 18.3	7 2 38.30	.....	+21 49 15.6	....
37	Moon II, S	9	17 35.56	+ 0.15	+ 1.67	18 5 50.72	46.163	+ 8.52	+ 19.5	8 17 37.38	−65.71	+20 44 46.6	....
38	181 B. Camelopardalis	8	29 26.68	+ 0.23	+ 1.67	324 53 47.78	48.680	+ 8.52	− 41.7	8 29 28.58	− 5.45	+73 56 53.2	+25.2
39	6 Hydræ	9	35 37.56	+ 0.09	+ 1.67	50 59 51.70	42.765	+ 8.52	+1 13.5	8 35 39.32	.....	−12 8 50.7	....
40	a Mali	9	39 51.74	0.00	+ 1.67	71 39 53.48	43.870	+ 8.52	+2 58.4	8 39 53.41	.....	−32 51 2.5	....
41	76 Draconis s. p.	7	49 14.85	+ 0.16	+ 1.67	301 3 45.65	47.635	+ 8.52	−1 38.2	20 49 16.68	.....	+82 11 44.1	....
42	α Cancri	9	53 24.59	+ 0.14	+ **1.68**	26 38	......	....	. ....	8 53 26.40	.....	+12 12	....
43	145 B. Lyncis	9	0 37.76	+ 0.18	+ 1.67	0 1 49.60	46.202	+ 8.52	+ 0.1	9 0 39.61	.....	+38 49 6.1	....
44	ξ Cancri	9	4 1.33	+ 0.15	+ 1.67	16 25 49.55	45.575	+ 8.52	+ 17.6	9 4 3.15	− 2.27	+22 25 3.1	+13.6
45	θ Hydræ	9	9 31.89	+ 0.12	+ **1.72**	36 7 51.68	46.428	+ 8.52	+ 43.6	9 9 33.68	.....	+ 2 42 15.5	....
46	38 Lyncis	9	13 4.21	+ 0.18	+ 1.67	1 39 49.70	45.265	+ 8.52	+ 1.8	9 13 6.06	− 2.39	+37 11 25.7	+18.8
47	h Mali	8	17 22.83	+ 0.04	+ 1.67	64 23 52.50	44.039	+ 8.52	+2 4.0	9 17 24.54	.....	−25 34 11.0	....
48	1 H. Draconis	9	23 57.29	+ 0.25	+ 1.67	317 7 47.08	46.908	+ 8.52	− 55.1	9 23 59.21	.....	+81 43 47.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 0 1	......	....	41.0
0 26	......	....	40.0
0 40	30.025	40.5	40.0
1 19	30 025	40.0	39.0
17 22 7	30.08	41.3	41.8
22 26	......	....	41.0
22 39	......	....	40.8
23 56	30.08	40.1	40.0
0 29	......	....	39.1
0 43	30.08	39.6	39.0
1 46	......	....	38.8
2 14	30.08	39.8	38.1
19 15 35	29.98	48.0	49.0
16 46	29 955	50.0	52.0
3 52	30.08	46.0	45.9
24 7 5	29.79	36.7	35.7
8 15	29.77	36.0	35.1
8 33	......	....	35.3
8 59	29.78	35.8	35.2

Micrometer bisections are made at II, VI, except as noted below.

11. Bisections at II, VI, VII.
12, 22, 37. Bisections at II, III, IV, V, VI.
23. Bisections at I, II.
24. Bisections at VI, VII.
25, 36, 40, 47. Bisections at I, II, VI, VII.
34. Bisections at I, II, III.
35. Bisections at V, VI, VII.
38, 48. Bisections at III, IV, V.
41. Bisections at b_2, b_5, b_8.

Notes.

5. Observed head north.
10. Observed head south.
14. Cloud. Very faint.
27–33. Clouds.
38–48. Conditions poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
12	+34 5.9	+15 34.2	...	+49 40.1
22	+29 37.5	+15 26.0	...	+45 3.5
23	+ 7.6	+16 12.2	...	+16 19.8
24	+ 7.5	−16 12.2	...	−16 4.7
25	+ 4.7	.. ....	0.0	+ 4.7
34	+21 11.7	−15 7.5	+ 1.4	+ 6 5.6
35	+21 39.0	+15 7.5	...	+36 46.6
36	+ 0.1	.. ....	...	+ 0.1
37	+16 41.4	+14 46.5	...	+31 27.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*A* Hydræ	9	29 54.37	+ 0.10	+ 1.67	44 19 51.58	46.745	+ 8.52	+ 58.2	9 29 56.14	− 1.91	− 5 30 6.2	+ 4.8
2	ο Leonis	9	36 11.47	+ 0.14	+ **1.69**	28 31 51.10	45.700	+ 8.52	+ 32.4	9 36 13.28	.....	+10 18 43.9	....
3	ε Leonis	9	40 34.68	+ 0.16	+ **1.67**	14 37 50.02	48.720	+ 8.52	+ 15.6	9 40 36.51	.....	+24 11 52.7	....
4	υ Ursæ Majoris	9	44 23.66	+ 0.20	+ 1.68	339 23 48.05	44.555	+ 8.52	− 22.3	9 44 25.54	.....	+59 28 7.8	....
5	μ Leonis	9	47 28.77	+ 0.16	+ **1.62**	12 23 48.15	47.522	+ 8.52	+ 13.2	9 47 30.61	.....	+26 26 24.4	....
6	158 B. Cephei s. p.	9	51 40.49	+ 0.20	+ 1.68	292 9 46.22	45.760	+ 8.52	−2 24.7	21 51 42.37	.....	+73 16 15.4	....
7	π Leonis	9	55 18.03	+ 0.13	+ **1.68**	30 21 49.75	44.320	+ 8.52	+ 35.0	9 55 19.84	.....	+ 8 29 14.2	....
8	193 G. Hydræ	9	0 3.16	+ 0.05	+ 1.68	62 39 52.15	44.330	+ 8.52	+1 55.0	10 0 4.89	− 1.68	−23 50 8.5	− 0.6
9	λ Hydræ	9	6 3.20	+ 0.09	+ **1.68**	50 43 51.15	45.172	+ 8.52	+1 12.9	10 6 4.97	.....	−11 53 44.5	....
10	ζ Leonis	9	11 31.19	+ 0.16	+ **1.66**	14 57 50.22	46.882	+ 8.52	+ 16.0	10 11 33.03	.....	+23 52 34.1	....
11	29 H. Camelopardalis	9	16 15.83	+ 0.18	+ 1.68	314 7 46.80	49.313	+ 8.52	−1 1.1	10 16 17.69	.....	+84 42 58.9	....
12	31 Leonis Minoris	9	22 30.42	+ 0.18	+ 1.68	1 39 49.18	47.338	+ 8.52	+ 1.8	10 22 32.28	.....	+37 10 38.9	....
13	9 H. Draconis	9	27 12.64	+ 0.23	+ 1.68	322 39 46.22	48.505	+ 8.52	− 45.3	10 27 14.55	.....	+76 11 1.8	....
14	226 B. Cephei s. p.	7	30 38.35	+ 0.19	+ 1.68	294 37 46.12	47.985	+ 8.52	−2 8.8	22 30 40.22	.....	+75 45 22.1	....
15	Mercury C, C	9	48 36.79	+ 0.13	+ 1.67	52 25 51.68	47.798	+ 8.07	+1 16.4	14 48 38.59	− 0.12	−13 36 48.1	....
	November 25, M.												
16	Sun I, S	9	59 35.28	+ 0.09	+ 1.67	59 43 52.98	44.623	+ 8.16	+1 40.0	15 59 37.04	+69.60	−20 54 0.5	....
17	Sun II, N	9	1 54.48	+ 0.09	+ 1.67	59 11 52.48	43.563	+ 8.16	+1 37.9	16 1 56.24	−69.60	−20 21 33.7	....
18	Venus I, C	9	18 40.43	+ 0.06	+ 1.67	62 41 53.20	47.081	+ 8.06	+1 52.5	17 18 42.16	+ 0.39	−23 53 9.3	....
19	Venus II	9	18 41.17	+ 0.06	+ 1.67	... .	......	....	.....	17 18 42.90	− 0.35	.. ..	....
20	15 Andromedæ	9	30 4.85	+ 0.13	+ 1.67	359 7 52.52	44.298	+ 7.74	− 0.8	23 30 6.65	− 2.29	+39 43 48.4	−26.4
21	κ Andromedæ	9	35 50.00	+ 0.13	+ 1.67	355 1 49.90	45.225	+ 7.74	− 5.0	23 35 51.80	− 2.40	+43 49 34.0	−27.1
22	ω Piscium	9	54 32.61	+ 0.09	+ **1.69**	32 29 50.75	44.422	+ 7.74	+ 37.6	23 54 34.37	.....	+ 6 21 9.1	....
23	2 Ceti	8	58 59.13	+ 0.04	+ **1.65**	56 39 50.98	48.045	+ 7.74	+1 29.6	23 59 0.84	.....	−17 51 5.9	....
24	α Andromedæ	9	3 35.33	+ 0.13	+ **1.73**	10 15 49.60	46.110	+ 7.74	+ 10.8	0 3 37.13	.....	+28 34 58.3	....
25	35 Piscium	9	10 11.91	+ 0.10	+ 1.67	30 31 51.15	46.140	+ 7.74	+ 34.8	0 10 13.68	− 2.35	+ 8 18 32.4	−17.2
26	σ Andromedæ	9	13 28.79	+ 0.14	+ 1.67	2 35 50.10	42.282	+ 7.74	+ 2.7	0 13 30.60	.....	+36 16 33.4	....
27	44 Piscium	9	20 38.77	+ 0.09	+ **1.62**	37 25 51.42	42.632	+ 7.74	+ 45.2	0 20 40.53	.....	+ 1 25 41.7	....
28	12 Ceti	9	25 18.13	+ 0.08	+ **1.73**	43 17 52.68	46.818	+ 7.74	+ 55.6	0 25 19.88	.....	− 4 28 5.6	....
29	π Andromedæ	9	31 55.58	+ 0.14	+ 1.67	5 37 49.40	46.812	+ 7.74	+ 5.9	0 31 57.39	.....	+33 12 47.4	....
30	β Ceti	9	38 56.04	+ 0.05	+ **1.66**	57 19 52.15	44.225	+ 7.74	+1 31.9	0 38 57.76	.....	−18 29 42.1	....
31	η Cassiopeiæ	9	43 30.22	+ 0.17	+ 1.67	341 31 49.15	45.425	+ 7.74	− 19.6	0 43 32.06	− 3.66	+57 19 44.7	−26.0
32	32^2 H. Camelopardalis s. p.	9	48 14.81	+ 0.16	+ 1.67	302 47 45.92	44.592	+ 7.74	−1 31.0	12 48 16.64	.....	+83 54 41.2	....
33	*h* Piscium	9	52 48.98	+ 0.14	+ 1.67	10 21 49.45	44.235	+ 7.74	+ 10.8	0 52 50.79	− 2.82	+28 29 41.4	−20.9
34	72 Piscium	9	0 11.60	+ 0.12	+ 1.67	24 23 51.68	45.210	+ 7.74	+ 26.8	1 0 13.39	− 2.67	+14 27 0.9	−17.3
35	β Andromedæ	9	4 32.53	+ 0.16	+ 1.67	3 43 49.90	43.760	+ 7.74	+ 3.9	1 4 34.36	.....	+35 7 58.6	....
36	ζ^1 Piscium	9	8 53.18	+ 0.11	+ **1.66**	31 45 50.32	44.218	+ 7.74	+ 36.6	1 8 54.96	.....	+ 7 5 15.1	....
37	*f* Piscium	9	13 0.91	+ 0.10	+ 1.67	35 43 51.88	42.732	+ 7.74	+ 42.5	1 13 2.68	.....	+ 3 7 41.6	....
38	*l* Ursæ Minoris s. p.	9	18 4.89	+ 0.10	+ 1.67	304 7 47.58	42.700	+ 7.74	−1 26.6	13 18 6.66	+14.84	+85 14 3.9	+23.3
39	38 Cassiopeiæ	9	24 21.56	+ 0.21	+ 1.67	329 3 47.60	46.700	+ 7.74	− 35.2	1 24 23.44	.....	+69 47 32.8	....
40	υ Andromedæ	9	31 21.58	+ 0.17	+ 1.67	357 53 49.48	47.302	+ 7.74	− 2.1	1 31 23.42	.....	+40 56 44.1	....
41	ω Cassiopeiæ	9	35 30.12	+ 0.21	+ 1.67	331 17 47.38	43.468	+ 7.74	− 32.2	1 35 32.00	.....	+67 34 43.9	....
42	τ Ceti	9	39 45.69	+ 0.06	+ **1.61**	55 15 51.52	44.022	+ 7.74	+1 25.0	1 39 47.42	.....	−16 25 29.9	....
43	χ Ceti	9	45 1.89	+ 0.08	+ 1.67	49 59 52.48	42.355	+ 7.74	+1 10.3	1 45 3.64	.....	−11 8 38.1	....
44	γ Arietis (*south*)	9	48 26.61	+ 0.14	+ 1.67	19 59 50.52	46.805	+ 7.74	+ 21.5	1 48 28.42	− 2.98	+18 50 30.9	−16.0
	November 25, P.												
45	Neptune C, C	9	2 31.66	+ 0.15	+ 1.61	17 1 50.65	44.624	+ 8.52	+ 18.3	7 2 33.42	.....	+21 49 23.0	....
46	β Geminorum	9	39 38.80	+ 0.17	+ **1.62**	10 35 49.32	46.300	+ 8.52	+ 11.2	7 39 40.58	.....	+28 14 53.1	....
47	ξ Argus	9	45 23.67	+ 0.06	+ 1.61	63 27 52.35	42.602	+ 8.52	+1 59.1	7 45 25.34	.....	−24 37 32.9	....
48	ε Draconis s. p.	8	48 25.32	+ 0.23	+ 1.61	288 55 46.70	46.915	+ 8.52	−2 51.5	19 48 27.16	.....	+70 2 15.4	....
49	ω^1 Cancri	9	55 19.43	+ 0.17	+ 1.61	13 11 50.05	46.718	+ 8.52	+ 14.1	7 55 21.21	.....	+25 38 39.9	....
50	3 H. Ursæ Majoris	9	3 37.41	+ 0.21	+ 1.62	330 7 47.52	44.088	+ 8.52	− 34.1	8 3 39.24	.....	+68 44 30.7	....
51	β Cancri	9	11 29.14	+ 0.14	+ **1.59**	29 21 50.78	47.045	+ 8.52	+ 33.6	8 11 30.90	.....	+ 9 28 12.3	....
52	31 Lyncis	9	16 29.72	+ 0.19	+ 1.62	355 21 48.62	47.005	+ 8.52	− 4.7	8 16 31.53	.....	+43 28 53.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 9 33	......	....	35.2
9 59	29.79	35.8	....
10 9	......	....	34.9
10 37	29.79	35.8	34.9
14 49	29.82	42.1	42.8
25 16 2	29.82	44.1	45.0
17 19	29.80	46.5	46.8
23 28	29.80	40.8	41.0
23 53	......	....	40.2
0 17	29.80	39.8	40.0
1 3	......	....	39.9
1 34	......	....	39.6
1 56	29.77	39.7	39.4
7 0	[illegible]	33.8	33.0
7 38	......	....	32.2
8 0	29.64	33.7	32.5

Micrometer bisections are made at II, VI, except as noted below.

4, 39, 41, 50, 52.	Bisections at III, V.
6, 11, 38, 48.	Bisections at III, IV, V.
8.	Bisections at VI, VII.
14.	Bisections at b_2, b_5, b_8.
15, 18, 45.	Bisections at I, II, VI, VII.
16.	Bisections at I, II, III.
17.	Bisections at V, VI, VII.
25, 47.	Bisections at I, II.
32.	Bisections at b_2, b_4.

Notes.

1-14.	Conditions poor.
32.	Clouds.
48.	Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+ 8.1	.. ....	+0.8	+ 8.9
16	+ 7.7	+16 13.4	...	+16 21.1
17	+ 7.6	−16 13.3	...	−16 5.7
18	+ 4.9	.. ....	0.0	+ 4.9
45	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm. Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	29 Cancri	9	23 26.70	+ 0.15	+ 1.62	24 19 51.30	45.308	+ 8.52	+ 26.9	8 23 28.47	− 2.48	+14 30 58.2	+ 9.6
2	η Cancri	8	27 20.73	+ 0.16	+ 1.62	18 5 50.90	44.955	+ 8.52	+ 19.5	8 27 22.51	.....	+20 45 14.0	....
3	Mercury II, C	9	50 13.40	+ 0.18	+ 1.63	52 31 51.15	46.794	+ 8.77	+1 15.3	14 50 15.21	− 0.26	−13 42 24.2	....
	November 26, P.												
4	Sun I, N	9	3 49.98	+ 0.10	+ 1.63	59 23 54.02	42.942	+ 8.28	+1 37.1	16 3 51.71	+69.77	−20 33 20.3	....
5	Sun II, S	9	6 9.52	+ 0.10	+ 1.63	59 55 52.48	44.122	+ 8.28	+1 39.3	16 6 11.25	−69.77	−21 5 48.0	....
6	Venus I, C	9	24 7.41	+ 0.06	+ 1.63	62 49 52.60	45.284	+ 8.04	+1 51.8	17 24 9.10	+ 0.46	−24 0 26.9	....
7	Venus II	9	24 8.29	+ 0.06	+ 1.63	... .	......	....	. ....	17 24 9.98	− 0.42	.. ..	....
8	γ Andromedæ	9	58 13.01	+ 0.20	+ 1.65	356 57 50.40	45.790	+ 8.32	− 3.0	1 58 14.86	.....	+41 53 18.1	....
9	α Arietis	9	1 57.08	+ 0.16	+ 1.58	15 49 50.28	44.065	+ 8.32	+ 16.7	2 1 58.89	.....	+23 1 38.0	....
10	55 Cassiopeiæ	9	7 14.20	+ 0.26	+ 1.65	332 45 47.30	46.222	+ 8.32	− 30.1	2 7 16.11	.....	+66 5 38.4	....
11	γ Trianguli	9	11 48.57	+ 0.18	+ 1.65	5 25 49.12	45.448	+ 8.32	+ 5.7	2 11 50.40	.....	+33 25 18.5	....
12	ξ² Ceti	9	23 13.98	+ 0.13	+ 1.61	30 47 51.52	45.373	+ 8.32	+ 35.1	2 23 15.76	.....	+ 8 2 48.4	....
13	ν Ceti	9	31 0.71	+ 0.12	+ 1.64	33 39 51.90	43.542	+ 8.32	+ 39.2	2 31 2.48	.....	+ 5 11 25.8	....
14	118 H¹. Cassiopeiæ	9	36 53.32	+ 0.27	+ 1.65	331 25 47.22	45.240	+ 8.32	− 31.9	2 36 55.24	− 6.30	+67 26 2.7	−16.4
15	π Ceti	9	39 42.92	+ 0.07	+ 1.65	53 5 50.88	43.088	+ 8.32	+1 18.2	2 39 44.64	.....	−14 15 1.7	....
16	β Fornacis	9	45 13.06	− 0.02	+ 1.65	71 35 55.18	45.682	+ 8.32	+2 55.5	2 45 14.69	.....	−32 47 42.6	....
17	η Eridani	9	51 54.18	+ 0.08	+ 1.63	48 5 53.08	46.020	+ 8.32	+1 5.6	2 51 55.91	.....	− 9 15 58.3	....
18	λ Ceti	9	54 45.10	+ 0.13	+ 1.65	30 17 50.88	46.532	+ 8.32	+ 34.4	2 54 46.88	− 3.04	+ 8 32 23.3	−10.7
19	48 H. Cephei	9	8 38.15	+ 0.36	+ 1.65	321 27 47.12	46.472	+ 8.32	− 46.7	3 8 40.16	.....	+77 23 49.4	....
20	κ Ceti	9	14 30.24	+ 0.12	+ 1.65	35 47 52.15	47.410	+ 8.32	+ 42.5	3 14 32.01	− 3.01	+ 3 1 53.9	− 9.1
21	α Persei	9	17 43.38	+ 0.22	+ 1.65	349 19 49.60	44.368	+ 8.32	− 11.0	3 17 45.25	.....	+49 31 59.5	....
22	2 H. Camelopardalis	9	21 35.49	+ 0.24	+ 1.65	339 13 48.75	47.045	+ 8.32	− 22.2	3 21 37.38	.....	+59 37 10.3	....
23	s Tauri	9	25 20.77	+ 0.13	+ 1.65	27 49 50.52	44.570	+ 8.32	+ 31.1	3 25 22.55	− 3.15	+11 1 11.8	− 9.2
24	10 Tauri	9	32 8.81	+ 0.11	+ 1.65	38 43 52.80	45.580	+ 8.32	+ 47.2	3 32 10.57	.....	+ 0 6 30.4	....
25	13 H¹. Camelopardalis	9	37 17.16	+ 0.27	+ 1.65	331 57 47.82	43.330	+ 8.32	− 31.2	3 37 19.08	− 6.72	+66 54 45.1	− 9.2
26	τ⁶ Eridani	8	42 52.00	+ 0.03	+ 1.65	62 19 53.48	47.660	+ 8.32	+1 52.1	3 42 53.68	.....	−23 31 22.7	....
27	ε Persei	9	51 38.84	+ 0.20	+ 1.65	359 5 50.38	47.560	+ 8.32	− 0.8	3 51 40.69	.....	+39 44 35.5	....
28	τ⁹ Eridani	9	55 58.81	+ 0.03	+ 1.65	63 5 52.65	45.732	+ 8.32	+1 55.7	3 56 0.49	− 2.82	−24 16 41.4	− 5.6
29	A Tauri	7	59 13.33	+ 0.15	+ 1.68	17 1 50.50	43.530	+ 8.32	+ 18.1	3 59 15.13	.....	+21 49 48.3	....
30	p Tauri	9	5 11.63	+ 0.16	+ 1.65	12 35 49.62	47.420	+ 8.32	+ 13.2	4 5 13.44	− 3.55	+26 14 25.6	− 6.8
31	o¹ Eridani	9	7 20.78	+ 0.09	+ 1.61	45 55 52.18	42.938	+ 8.32	+1 0.8	4 7 22.52	.....	− 7 4 42.2	....
32	o² Eridani	9	11 0.61	+ 0.09	+ 1.61	46 37 53.18	45.752	+ 8.32	+1 2.3	4 11 2.35	.....	− 7 47 49.2	....
	November 26, Hl.												
33	30 Monocerotis	9	21 1.53	+ 0.08	+ 1.63	42 25 52.82	47.320	+ 7.94	+ 54.2	8 21 3.26	.....	− 3 36 16.0	....
34	110 B. Lyncis	9	26 53.57	+ 0.16	+ 1.65	0 31 50.45	44.255	+ 7.94	+ 0.6	8 26 55.38	.....	+38 19 49.9	....
35	σ Hydræ	9	33 54.53	+ 0.10	+ 1.65	35 9 52.25	47.322	+ 7.94	+ 41.8	8 33 56.28	.....	+ 3 39 56.9	....
36	γ Cancri	9	37 55.17	+ 0.13	+ 1.60	17 1 51.92	48.325	+ 7.94	+ 18.3	8 37 56.95	.....	+21 47 57.7	....
37	α Cancri	9	53 24.71	+ 0.11	+ 1.65	26 37 51.02	45.378	+ 7.94	+ 29.8	8 53 26.47	.....	+12 12 54.5	....
38	ν Cancri	8	57 18.83	+ 0.14	+ 1.65	14 1 49.98	46.082	+ 7.94	+ 14.9	8 57 20.62	− 2.42	+24 48 54.1	+14.4
39	36 Lyncis	9	7 44.40	+ 0.17	+ 1.65	355 15 49.62	44.792	+ 7.94	− 4.8	9 7 46.22	− 2.64	+43 35 43.8	+20.6
40	38 Lyncis	9	13 4.29	+ 0.16	+ 1.65	1 39 49.90	45.265	+ 7.94	+ 1.8	9 13 6.10	− 2.47	+37 11 26.3	+19.0
41	α Hydræ	9	23 1.38	+ 0.07	+ 1.64	47 5 52.70	44.642	+ 7.94	+1 3.9	9 23 3.10	.....	− 8 15 24.4	....
42	10 Leonis Minoris	9	28 32.29	+ 0.16	+ 1.65	2 1 50.38	48.208	+ 7.94	+ 2.2	9 28 34.10	.....	+36 48 18.0	....
43	ι Hydræ	9	35 6.73	+ 0.09	+ 1.65	39 33 53.12	45.135	+ 7.94	+ 49.1	9 35 8.47	− 1.97	− 0 43 21.3	+ 6.8
44	83 B. Leonis	9	51 30.36	+ 0.11	+ 1.65	29 27 51.55	46.930	+ 7.94	+ 33.6	9 51 32.12	− 1.92	+ 9 22 14.9	+10.6
45	Moon II, S	9	58 43.14	+ 0.12	+ 1.65	23 21 51.05	47.792	+ 7.94	+ 25.7	9 58 44.91	−64.08	+15 28 3.4	....
46	λ Hydræ	9	6 3.27	+ 0.06	+ 1.70	50 43 51.65	45.142	+ 7.94	+1 12.7	10 6 4.98	.....	−11 53 43.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 8 20	......	....	33.5
8 34	29.63	34.0	34.0
14 50	29.60	44.0	47.5
26 16 6	29.62	47.7	48.9
17 24	29.605	48.1	49.0
1 55	29.725	40.8	40.8
2 12	......	....	40.9
2 29	......	....	40.7
2 50	......	....	40.6
3 10	......	....	40.6
3 30	29.75	40.0	40.5
3 50	......	....	40.5
4 12	29.77	40.0	41.0
8 12	29.865	39.2	39.0
8 30	......	....	38.7
8 43	......	....	38.6
8 48	29.87	38.2	....
9 11	......	....	38.1
9 20	......	....	38.0
9 38	......	....	38.0
9 46	29.88	37.8	....
10 0	......	....	38.0

Micrometer bisections are made at II, VI, except as noted below.

3, 6.	Bisections at I, II, VI, VII.
4, 30, 40, 44.	Bisections at I, II.
5, 29, 32, 38, 46.	Bisections at VI, VII.
8, 10, 14, 22, 25, 27.	Bisections at III, V.
12, 16, 28.	Bisections at II, VI, VII.
19, 21.	Bisections at III, IV, V.
41.	Bisections at II, VII.
45.	Bisections at II, III, IV, V, VI.

Notes.

33–46. Conditions very poor; high wind.

33. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+ 7.9	.. ....	+0.7	+ 8.6
4	+ 7.7	−16 13.8	...	−16 6.1
5	+ 7.7	+16 13.9	...	+16 21.6
6	+ 4.9	.. ....	0.0	+ 4.9
45	+21 30.4	+14 53.0	...	+36 23.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Ursæ Majoris	9	11 29.71	+ 0.17	+ 1.65	355 27 49.82	48.405	+ 7.94	− 4.6	10 11 31.53	.....	+43 22 20.6	....
2	μ Ursæ Majoris	9	16 47.70	+ 0.17	+ 1.65	356 53 49.32	44.965	+ 7.94	− 3.2	10 16 49.52	.....	+41 57 38.6	....
3	ρ Leonis	9	27 54.82	+ 0.11	+ **1.72**	29 3 50.15	45.270	+ 7.94	+ 33.1	10 27 56.58	.....	+ 9 46 54.6	....
4	37 Leonis Minoris	9	33 29.21	+ 0.15	+ 1.65	6 23 50.68	45.585	+ 7.94	+ 6.7	10 33 31.01	.....	+32 27 13.2	....
5	41 Leonis Minoris	9	38 21.46	+ 0.14	+ **1.74**	15 9 49.60	47.780	+ 7.94	+ 16.2	10 38 23.25	.....	+23 40 14.6	....
6	Mercury C, C	9	52 21.38	+ 0.09	+ 1.64	52 41 52.55	45.042	+ 7.58	+1 17.3	14 52 23.11	− 0.10	−13 51 46.4	....
	November 27, Hl.												
7	Sun I, N	9	8 5.26	+ 0.02	+ 1.64	59 33 54.25	46.578	+ 7.53	+1 39.4	16 8 6.92	+69.86	−20 44 45.2	....
8	Sun II, S	8	10 24.98	+ 0.02	+ 1.64	60 5 51.70	47.772	+ 7.53	+1 41.6	16 10 26.64	−69.86	−21 17 12.2	....
9	Venus I, C	9	29 34.90	− 0.02	+ 1.65	62 55 50.35	46.861	+ 7.19	+1 53.5	17 29 36.53	+ 0.42	−24 7 1.5	....
10	Venus II	9	29 35.69	− 0.02	+ 1.65	... .	......	....	. ....	17 29 37.32	− 0.37	.. ..	....
11	θ Pegasi	9	5 30.43	+ 0.06	+ **1.65**	33 5 50.02	45.760	+ 7.17	+ 38.3	22 5 32.13	.....	+ 5 44 39.1	....
12	2 Lacertæ	9	17 10.73	+ 0.10	+ 1.64	352 47 46.48	42.998	+ 7.17	− 7.4	22 17 12.47	− 1.47	+46 4 31.3	−28.2
13	ζ Aquarii (*mean*)	9	24 2.63	+ 0.04	+ 1.64	39 19 50.42	45.860	+ 7.17	+ 48.2	22 24 4.31	− 1.69	− 0 29 33.5	−14.7
14	η Aquarii	9	30 34.73	+ 0.04	+ **1.65**	39 26	......	....	. ....	22 30 36.41	.....	− 0 35	....
15	31 Cephei	9	33 28.13	+ 0.09	+ 1.64	325 41 46.85	45.435	+ 7.17	− 39.9	22 33 29.86	− 1.53	+73 10 7.1	−31.7
16	γ Piscium	9	12 20.98	+ 0.05	+ **1.65**	36 6	......	....	. ....	23 12 22.67	.....	+ 2 46	....
17	τ Pegasi	9	16 2.24	+ 0.08	+ **1.67**	15 38	......	....	. ....	23 16 3.96	.....	+23 14	....
18	α Andromedæ	8	3 35.42	+ 0.09	+ **1.66**	10 18	......	....	. ....	0 3 37.15	.....	+28 35	....
	November 27, M.												
19	η Leonis	9	2 15.94	+ 0.10	+ **1.67**	21 38	......	....	. ....	10 2 17.76	.....	+17 12	....
20	α Leonis	9	3 25.36	+ 0.09	+ **1.71**	26 25	......	....	. ....	10 3 27.17	.....	+12 25	....
21	λ Hydræ	9	6 3.35	+ 0.04	+ **1.68**	50 44	......	....	. ....	10 6 5.11	.....	−11 53	....
22	ζ Leonis	9	11 31.31	+ 0.11	+ **1.70**	14 58	......	....	. ....	10 11 33.14	.....	+23 52	....
23	γ Leonis (*pr.*)	9	14 50.87	+ 0.10	+ **1.74**	18 32	......	....	. ....	10 14 52.69	.....	+20 18	....
24	Moon II, S	9	47 33.96	+ 0.09	+ 1.72	27 13 48.58	44.225	+ 8.00	+ 30.1	10 47 35.77	−63.52	+11 37 23.0	....
	November 28, Hl.												
25	β Orionis	9	10 5.45	0.00	+ **1.61**	47 10	......	....	. ....	5 10 7.10	.....	− 8 18	....
26	τ Orionis	9	13 6.74	0.00	+ **1.67**	45 48	......	....	. ....	5 13 8.39	.....	− 6 56	....
27	β Tauri	9	20 26.68	+ 0.08	+ **1.61**	10 20	......	....	. ....	5 20 28.41	.....	+28 31	....
28	δ Orionis	9	27 16.72	+ 0.02	+ **1.59**	39 14	......	....	. ....	5 27 18.39	.....	− 0 22	....
29	ι Orionis	9	30 54.30	0.00	+ **1.68**	44 50	......	....	. ....	5 30 55.95	.....	− 5 58	....
30	ζ Tauri	8	32 6.82	+ 0.06	+ **1.72**	17 46	......	....	. ....	5 32 8.53	.....	+21 5	....
31	ζ Orionis	9	36 5.25	+ 0.01	+ **1.70**	40 50	......	....	. ....	5 36 6.91	.....	− 1 59	....
32	Moon II	9	35 54.02	+ 0.08	+ 1.66	31 26	......	....	. ....	11 35 55.76	−63.38	.. ..	....
	November 29, Hl.												
33	b^1 Aquarii	9	18 5.59	0.00	+ 1.69	59 25 52.90	45.670	+ 7.44	+1 40.3	23 18 7.28	− 1.98	−20 36 23.9	− 7.6
34	θ Piscium	9	23 15.30	+ 0.07	+ **1.66**	32 57 53.22	46.418	+ 7.46	+ 38.5	23 23 17.06	.....	+ 5 52 20.4	....
35	248 G. Aquarii	9	30 44.61	+ 0.04	+ 1.69	46 49 53.42	42.452	+ 7.48	+1 3.2	23 30 46.34	− 2.04	− 7 58 33.9	−12.0
36	μ Sculptoris	9	35 46.01	− 0.05	+ 1.69	71 23 55.50	44.452	+ 7.50	+2 55.2	23 35 47.65	− 2.08	−32 35 13.6	− 3.7
37	ι^1 Aquarii	9	39 23.19	+ 0.01	+ **1.64**	57 37 53.75	43.480	+ 7.51	+1 33.6	23 39 24.89	.....	−18 47 28.1	....
38	φ Pegasi	9	47 45.72	+ 0.08	+ **1.74**	20 13 50.60	46.695	+ 7.54	+ 22.0	23 47 47.49	.....	+18 36 33.0	....
39	ω Piscium	9	54 32.58	+ 0.07	+ **1.70**	32 29 52.38	44.320	+ 7.56	+ 37.9	23 54 34.34	.....	+ 6 21 9.6	....
40	33 Piscium	9	0 34.98	+ 0.04	+ **1.74**	45 3 52.32	45.062	+ 7.58	+ 59.6	0 0 36.71	.....	− 6 13 28.9	....
41	4 H. Draconis S. P.	9	7 47.43	+ 0.16	+ 1.69	297 1 47.75	42.528	+ 7.60	−1 55.6	12 7 49.28	.....	+78 7 30.4	....
42	318 B. Cephei	6	10 59.78	+ 0.14	+ 1.69	322 25 46.65	44.600	+ 7.61	− 45.6	0 11 1.61	− 5.04	+76 26 31.3	−29.7
43	12 Ceti	9	25 18.21	+ 0.04	+ **1.66**	43 17 53.18	46.755	+ 7.65	+ 56.0	0 25 19.94	.....	− 4 28 5.0	....
44	319 B. Cephei	9	32 49.70	+ 0.14	+ 1.69	316 53 48.12	43.008	+ 7.68	− 55.4	0 32 51.53	− 8.59	+81 59 16.4	−28.5
45	β Ceti	9	38 55.99	+ 0.01	+ **1.71**	57 19 54.00	44.130	+ 7.69	+1 32.6	0 38 57.69	.....	−18 29 42.4	....
46	ν Cassiopeiæ	9	43 34.95	+ 0.13	+ 1.69	348 23 50.68	44.228	+ 7.71	− 12.1	0 43 36.77	− 3.25	+50 28 3.1	−25.7
47	μ Andromedæ	9	51 36.41	+ 0.11	+ 1.69	0 51 51.18	43.630	+ 7.73	+ 1.0	0 51 38.21	.....	+38 0 3.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 10 21	......	....	37.9
10 45	29.91	37.3	38.0
14 52	29.95	43.6	43.0
27 16 10	29.905	45.7	46.2
17 32	29.88	48.4	48.4
21 49	29.83	44.9	43.9
21 56	......	....	43.6
22 10	......	....	43.0
22 39	......	....	42.0
23 0	29.80	43.3	42.0
10 48	29.65	42.9	42.3
29 23 10	29.955	40.0	39.9
23 26	......	....	40.0
23 43	......	....	39.1
23 58	......	....	39.1
0 17	29.95	39.3	39.1
0 48	......	....	38.8

Micrometer bisections are made at II, VI, except as noted below.

1, 8, 41, 42. Bisections at VI, VII.
6, 9. Bisections at I, II, VI, VII.
7. Bisections at I, II.
15. Bisections at II, VI, VII.
24. Bisections at II, III, IV, V, VI.
44. Bisections at II, V.

Notes.

1–5. Conditions very poor.
16, 23, 31. Clouds.
17, 21, 22, 26, 35, 39. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 7.7	.. ....	+0.7	+ 8.4
7	+ 7.7	−16 13.5	...	−16 5.8
8	+ 7.7	+16 13.5	...	+16 21.2
9	+ 4.9	.. ....	0.0	+ 4.9
24	+25 1.5	+15 0.7	...	+40 2.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	26 Ceti	9	59 2.54	+ 0.06	+ 1.69	37 57 53.20	46.160	+ 7.75	+ 46.4	0 59 4.29	− 2.52	+ 0 52 18.1	−13.6
2	η Ceti	9	3 55.45	+ 0.03	+ 1.69	49 29 54.15	46.835	+ 7.77	+1 9.6	1 3 57.17	.....	−10 40 21.5	....
3	ι Ursæ Minoris s. p.	9	18 4.83	+ 0.18	+ 1.69	304 7 46.90	42.725	+ 7.81	−1 27.2	13 18 6.70	+14.04	+85 14 3.2	+24.6
4	η Piscium	9	26 31.28	+ 0.08	**+ 1.74**	24 0	......	....	. ....	1 26 33.05	.....	+14 52	....
5	υ Persei	9	32 18.63	+ 0.13	+ 1.69	350 41 49.82	44.890	+ 7.86	− 9.7	1 32 20.45	.....	+48 9 46.4	....
6	ω Cassiopeiæ	9	35 30.17	+ 0.14	+ 1.69	331 17 49.55	43.360	+ 7.87	− 32.4	1 35 32.00	.....	+67 34 44.0	....
	November 29, P.												
7	110 B. Lyncis	9	26 53.61	+ 0.17	+ 1.76	0 31 50.05	44.220	+ 9.02	+ 0.6	8 26 55.54	.....	+38 19 50.0	....
8	σ Hydræ	9	33 54.46	+ 0.11	+ 1.76	35 9 51.95	47.268	+ 9.02	+ 42.4	8 33 56.33	.....	+ 3 39 56.7	....
9	γ Cancri	[illegible]	37 55.13	+ 0.14	**+ 1.73**	17 1 50.68	48.298	+ 9.02	+ 18.5	8 37 57.03	.....	+21 47 58.5	....
10	ι Cancri	9	41 5.21	+ 0.16	**+ 1.71**	9 45 49.22	44.008	+ 9.02	+ 10.4	8 41 7.13	.....	+29 5 45.9	....
11	14 Hydræ	9	44 41.87	+ 0.10	+ 1.76	41 55 52.22	46.508	+ 9.02	+ 54.0	8 44 43.73	.....	− 3 5 57.7	....
12	76 Draconis s. p.	9	49 14.57	+ 0.06	+ 1.76	301 3 46.35	47.574	+ 9.02	−1 39.1	20 49 16.39	.....	+82 11 43.0	....
13	κ Ursæ Majoris	9	57 17.99	+ 0.20	+ 1.76	351 19 49.18	46.625	+ 9.02	− 9.1	8 57 19.95	.....	+47 31 5.7	....
14	κ Cancri	9	2 43.22	+ 0.13	**+ 1.70**	27 47 51.10	46.658	+ 9.02	+ 31.7	9 2 45.11	.....	+11 2 22.2	....
15	36 Lyncis	9	7 44.42	+ 0.20	+ 1.76	355 15 48.12	44.852	+ 9.02	− 4.9	9 7 46.38	− 2.77	+43 35 43.0	+20.8
16	38 Lyncis	8	13 4.39	+ 0.19	+ 1.76	1 39 49.85	45.200	+ 9.02	+ 1.8	9 13 6.34	− 2.59	+37 11 26.6	+19.2
17	40 Lyncis	9	15 24.21	+ 0.18	+ 1.76	4 3 50.68	46.670	+ 9.02	+ 4.3	9 15 26.15	.....	+34 46 49.7	....
18	1 H. Draconis	6	23 58.36	+ 0.37	+ 1.76	317 7 47.75	46.864	+ 9.02	− 55.5	9 24 0.49	.....	+81 43 47.9	....
19	10 Leonis	[illegible]	32 18.42	+ 0.14	+ 1.76	31 35 50.25	44.805	+ 9.02	+ 37.0	9 32 20.32	− 2.13	+ 7 15 0.1	+10.0
20	ψ Leonis	9	38 40.41	+ 0.15	+ 1.76	24 23 51.02	46.228	+ 9.02	+ 27.3	9 38 42.32	− 2.13	+14 26 36.5	+12.6
21	υ Ursæ Majoris	9	44 24.02	+ 0.24	+ 1.76	339 23 48.62	44.518	+ 9.02	− 22.5	9 44 26.02	.....	+59 28 7.8	....
22	109 B. Ursæ Majoris	[illegible]	50 6.88	+ 0.30	+ 1.76	325 31 47.55	48.830	+ 9.02	− 41.0	9 50 8.94	.....	+73 18 48.7	....
23	π Leonis	9	55 18.15	+ 0.15	**+ 1.70**	30 21 51.52	44.215	+ 9.02	+ 35.2	9 55 20.06	.....	+ 8 29 14.1	....
24	υ² Hydræ	9	0 35.84	+ 0.10	+ 1.76	51 27 52.58	42.740	+ 9.02	+1 15.4	10 0 37.70	.....	−12 36 53.4	....
25	λ Hydræ	[illegible]	6 3.37	+ 0.10	**+ 1.66**	50 43 51.82	45.112	+ 9.02	+1 13.5	10 6 5.23	.....	−11 53 44.9	....
26	λ Ursæ Majoris	[illegible]	11 29.79	+ 0.22	+ 1.76	355 27 48.85	48.442	+ 9.02	− 4.7	10 11 31.77	.....	+43 22 20.1	....
27	μ Ursæ Majoris	9	16 47.79	+ 0.22	+ 1.76	356 53 49.08	44.950	+ 9.02	− 3.2	10 16 49.77	.....	+41 57 38.2	....
28	μ Hydræ	9	21 35.51	+ 0.09	**+ 1.70**	55 11 53.15	44.513	+ 9.02	+1 26.4	10 21 37.36	.....	−16 21 45.5	....
29	9 H. Draconis	9	27 13.27	+ 0.36	+ 1.76	322 39 46.58	48.520	+ 9.02	− 45.7	10 27 15.39	.....	+76 11 1.4	....
30	31 Cephei s. p.	9	33 27.77	+ 0.11	+ 1.76	292 3 47.30	45.543	+ 9.02	−2 26.8	22 33 29.64	− 1.34	+73 10 9.9	−31.8
31	41 Leonis Minoris	9	38 21.59	+ 0.19	**+ 1.67**	15 11 50.20	42.480	+ 9.02	+ 16.4	10 38 23.54	.....	+23 40 13.8	....
32	37 Sextantis	[illegible]	41 15.04	+ 0.16	+ 1.76	31 59 51.15	43.125	+ 9.02	+ 37.6	10 41 16.96	.....	+ 6 51 36.8	....
33	46 Leonis Minoris	9	48 6.62	+ 0.22	+ 1.76	4 7 51.38	47.245	+ 9.02	+ 4.4	10 48 8.60	.....	+34 42 35.9	....
34	Moon II, S.	9	24 28.73	+ 0.14	+ 1.68	36 37 51.35	46.121	+ 9.27	+ 44.8	12 24 30.55	−63.79	+ 2 12 20.9	....
35	Mercury II, C	9	1 28.51	+ 0.10	+ 1.68	53 27 52.25	44.722	+ 8.93	+1 20.2	15 1 30.29	− 0.23	−14 37 43.0	....
	November 30, P.												
36	Sun I, S.	9	20 56.12	+ 0.06	+ 1.68	60 37 53.65	47.285	+ 8.80	+1 44.8	16 20 57.86	+70.13	−21 49 7.4	....
37	Sun II, N.	9	23 16.38	+ 0.06	+ 1.68	60 5 52.95	46.138	+ 8.80	+1 42.6	16 23 18.12	−70.13	−21 16 38.4	....
38	Venus I, C.	9	46 0.07	+ 0.05	+ 1.68	63 11 53.25	44.780	+ 8.44	+1 56.4	17 46 1.80	+ 0.49	−24 22 21.0	....
39	Venus II.	9	46 0.99	+ 0.05	+ 1.68	... .	......	....	. ....	17 46 2.72	− 0.43	.. ..	....
40	248 G. Aquarii	9	30 44.52	+ 0.07	+ 1.67	46 49 53.85	42.425	+ 7.91	+1 3.4	23 30 46.26	− 2.03	− 7 58 34.5	−11.8
41	κ Andromedæ	9	35 49.93	+ 0.15	+ 1.67	355 1 49.95	45.225	+ 7.93	− 5.1	23 35 51.75	− 2.30	+43 49 33.9	−27.3
42	φ Pegasi	9	47 45.74	+ 0.12	**+ 1.67**	20 13 51.35	46.675	+ 7.97	+ 22.0	23 47 47.53	.....	+18 36 32.3	....
43	ω Piscium	9	54 32.57	+ 0.10	**+ 1.67**	32 29 52.08	44.330	+ 8.00	+ 38.0	23 54 34.34	.....	+ 6 21 9.2	....
44	2 Ceti	9	58 59.09	+ 0.04	**+ 1.63**	56 39 52.20	47.970	+ 8.02	+1 30.6	23 59 0.80	.....	−17 51 6.7	....
45	α Andromedæ	9	3 35.27	+ 0.14	**+ 1.72**	10 15 50.58	46.000	+ 8.03	+ 10.9	0 3 37.08	.....	+28 34 59.5	....
46	σ Andromedæ	9	13 28.73	+ 0.14	+ 1.67	2 35 50.48	42.202	+ 8.07	+ 2.7	0 13 30.54	.....	+36 16 34.5	....
47	44 Piscium	9	20 38.70	+ 0.09	**+ 1.64**	37 25 52.38	42.548	+ 8.10	+ 45.6	0 20 40.46	.....	+ 1 25 41.9	....
48	12 Ceti	9	25 18.14	+ 0.08	**+ 1.68**	43 17 53.00	46.735	+ 8.12	+ 56.2	0 25 19.89	.....	− 4 28 5.0	....
49	π Andromedæ	9	31 55.48	+ 0.14	+ 1.67	5 37 50.25	46.732	+ 8.14	+ 5.9	0 30 57.29	.....	+33 12 48.0	....
50	β Ceti	9	38 56.00	+ 0.04	**+ 1.66**	57 19 53.18	44.170	+ 8.17	+1 32.8	0 38 57.71	.....	−18 29 43.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 1 7	......	....	39.0
1 24	......	....	38.9
1 43	29.94	38.7	38.8
8 24	29.91	33.2	33.1
8 51	......	....	33.2
9 10	......	....	33.8
9 42	29.92	33.9	34.0
9 51	......	....	33.5
10 16	......	....	33.0
10 43	......	....	32.7
10 51	29.925	33.0	32.6
12 25	29.94	33.0	33.1
15 2	29.97	40.3	39.0
30 16 23	29.94	41.8	41.6
17 47	29.91	43.0	42.2
23 28	29.85	37.0	36.9
23 45	......	....	36.2
0 10	29.85	36.9	36.1
0 35	......	....	36.0

Micrometer bisections are made at II, VI, except as noted below.

3, 21, 30. Bisections at III, IV, V.
5, 9, 33, 36. Bisections at I, II.
12, 18. Bisections at b_1, b_3, b_5, b_7, b_9.
13, 15, 26, 27, 29. Bisections at III, V.
22. Bisections at IV, V.
28. Bisections at II, VI, VII.
32, 37, 40. Bisections at VI, VII.
34. Bisections at II, III, IV, V, VI.
35, 38. Bisections at I, II, VI, VII.

Notes.
21, 46–50. Clouds.
40, 43, 44. Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
34	+33 32.3	+15 24.0	...	+48 56.3
35	+ 7.1	.. ....	+0.5	+ 7.6
36	+ 7.8	+16 14.4	...	+16 22.2
37	+ 7.7	−16 14.5	...	−16 6.8
38	+ 5.0	.. ....	0.0	+ 5.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Cassiopeiæ	9	43 30.16	+ 0.16	+ 1.67	341 31 49.12	45.367	+ 8.19	− 19.8	0 43 31.99	− 3.54	+57 19 45.9	−26.7
2	59 H¹. Cassiopeiæ	7	45 6.68	+ 0.16	+ 1.67	335 7 47.45	42.778	+ 8.19	− 27.5	0 45 8.51	− 4.01	+63 44 54.3	−27.3
3	*h* Piscium	7	52 48.95	+ 0.14	+ 1.67	10 21 49.92	44.115	+ 8.22	+ 10.9	0 52 50.76	− 2.77	+28 29 42.8	−21.0
	December 1, M.												
4	Moon II	9	6 6.61	+ 0.16	+ 1.77	46 58	......	....	. ....	14 6 8.54	−66.50	.. ..	....
5	Mercury C, C	9	9 20.78	+ 0.14	+ 1.77	54 9 51.35	42.861	+ 8.65	+1 23.2	15 9 22.69	− 0.06	−15 19 2.3	....
	December 2, M.												
6	Sun I, N	9	29 33.20	+ 0.10	+ 1.77	60 25 54.15	43.990	+ 8.20	+1 45.3	16 29 35.07	+70.27	−21 35 52.5	....
7	Sun II, S	9	31 53.73	+ 0.10	+ 1.77	60 57 53.92	45.275	+ 8.20	+1 47.6	16 31 55.60	−70.26	−22 8 24.0	....
8	Venus I, C	9	56 58.74	+ 0.08	+ 1.77	63 17 53.20	45.908	+ 8.52	+1 58.5	17 57 0.59	+ 0.39	−24 28 48.9	....
9	Venus II	9	56 59.47	+ 0.08	+ 1.77	... .	......	....	. ....	17 57 1.32	− 0.34	.. ..	....
10	248 G. Aquarii	9	30 44.29	+ 0.13	+ 1.79	46 49 53.48	42.450	+ 8.06	+1 4.4	23 30 46.21	− 2.01	− 7 58 35.7	−11.6
11	κ Andromedæ	9	35 49.76	+ 0.18	+ 1.79	355 1 49.78	45.230	+ 8.06	− 5.2	23 35 51.73	− 2.27	+43 49 33.9	−27.3
12	2 Ceti	9	58 58.83	+ 0.12	+ **1.79**	56 40	......	....	. ....	23 59 0.74	.....	−17 51	....
13	α Andromedæ	9	3 35.12	+ 0.18	+ **1.80**	10 15 50.42	46.042	+ 8.06	+ 11.0	0 3 37.09	.....	+28 34 58.6	....
14	γ Pegasi	9	8 27.10	+ 0.17	+ **1.79**	24 11 51.98	41.898	+ 8.06	+ 27.2	0 8 29.06	.....	+14 40 15.6	....
15	ι Ceti	9	14 41.74	+ 0.14	+ **1.76**	48 11 53.05	41.345	+ 8.06	+1 7.6	0 14 43.67	.....	− 9 20 13.1	....
16	44 Piscium	9	20 38.48	+ 0.16	+ **1.77**	37 25 51.65	42.562	+ 8.06	+ 46.3	0 20 40.43	.....	+ 1 25 41.7	....
17	12 Ceti	9	25 17.92	+ 0.15	+ **1.81**	43 17 52.50	46.758	+ 8.06	+ 57.1	0 25 19.86	.....	− 4 28 5.9	....
18	82 B. Ceti	9	32 34.64	+ 0.10	+ 1.79	64 5 52.62	45.262	+ 8.06	+2 4.3	0 32 36.53	.....	−25 16 39.0	....
19	β Ceti	9	38 55.76	+ 0.13	+ **1.79**	57 19 52.95	44.125	+ 8.06	+1 34.3	0 38 57.68	.....	−18 29 43.3	....
20	ν Cassiopeiæ	9	43 34.68	+ 0.20	+ 1.79	348 23 49.38	44.242	+ 8.06	− 12.4	0 43 36.67	− 3.20	+50 28 4.0	−26.0
21	32² H. Camelopardalis s. p.	9	48 15.67	+ 0.58	+ 1.79	302 47 47.32	44.587	+ 8.06	−1 33.5	12 48 18.04	.....	+83 54 40.2	....
22	1 B. Ursæ Minoris	9	58 11.72	− 1.05	+ 1.79	310 21 46.18	41.943	+ 8.06	−1 11.0	0 58 12.46	−45.08	+88 31 58.0	−27.3
23	χ Piscium	9	6 27.87	+ 0.19	+ 1.79	18 17 51.72	46.380	+ 8.06	+ 20.1	1 6 29.85	− 2.73	+20 32 40.5	−18.5
24	*f* Piscium	9	13 0.69	+ 0.18	+ 1.79	35 43 52.10	42.708	+ 8.06	+ 43.6	1 13 2.66	.....	+ 3 7 40.6	....
25	109 G. Sculptoris	9	19 11.97	+ 0.10	+ 1.79	70 13 54.62	46.258	+ 8.06	+2 47.8	1 19 13.86	− 2.47	−31 25 46.9	− 3.8
26	9 B. Ursæ Minoris s. p.	9	23 40.79	+ 0.40	+ 1.79	291 45 47.10	45.512	+ 8.06	−2 30.3	13 23 42.98	.....	+72 52 4.5	....
27	υ Persei	9	32 18.30	+ 0.22	+ 1.79	350 41 49.58	44.868	+ 8.06	− 9.9	1 32 20.31	.....	+48 9 47.0	....
	December 4, M.												
28	76 Draconis s. p.	9	49 12.54	+ 0.82	+ 1.89	301 3 46.55	47.727	+ 8.44	−1 41.5	20 49 15.25	.....	+82 11 43.6	....
29	38 Lyncis	9	13 4.30	+ 0.30	+ 1.89	1 39 49.58	45.315	+ 8.44	+ 1.9	9 13 6.49	− 2.77	+37 11 24.9	+19.7
30	40 Lyncis	9	15 24.14	+ 0.31	+ 1.89	4 3 49.30	46.798	+ 8.44	+ 4.5	9 15 26.34	.....	+34 46 48.5	....
31	1 H. Draconis	9	23 59.35	− 0.04	+ 1.89	317 7 46.60	47.027	+ 8.44	− 57.0	9 24 1.20	.....	+81 43 47.4	....
32	160 G. Hydræ	9	28 55.53	+ 0.27	+ 1.89	59 31 51.42	45.225	+ 8.44	+1 44.7	9 28 57.69	− 2.18	−20 42 17.7	+ 1.9
33	10 Leonis	9	32 18.28	+ 0.30	+ 1.89	31 35 49.28	44.905	+ 8.44	+ 38.0	9 32 20.47	− 2.29	+ 7 14 58.4	+10.9
34	B. D.+59°1257	9	36 57.86	+ 0.26	+ 1.89	339 5 48.25	47.795	+ 8.44	− 23.5	9 37 0.01	− 3.15	+59 44 54.8	+26.4
35	υ Ursæ Majoris	9	44 23.92	+ 0.26	+ 1.89	339 23 47.82	44.652	+ 8.44	− 23.1	9 44 26.07	.....	+59 28 6.6	....
36	109 B. Ursæ Majoris	9	50 7.17	+ 0.17	+ 1.89	325 31 46.95	48.937	+ 8.44	− 42.2	9 50 9.23	.....	+73 18 48.7	....
37	π Leonis	9	55 17.96	+ 0.30	+ **1.91**	30 21 50.32	44.278	+ 8.44	+ 36.2	9 55 20.15	.....	+ 8 29 13.5	....
38	υ² Hydræ	9	0 35.63	+ 0.29	+ 1.89	51 27 52.28	42.748	+ 8.44	+1 17.6	10 0 37.81	.....	−12 36 54.9	....
39	λ Hydræ	9	6 3.14	+ 0.29	+ **1.87**	50 43 51.20	45.138	+ 8.44	+1 15.6	10 6 5.32	.....	−11 53 46.4	....
40	μ Ursæ Majoris	9	16 47.62	+ 0.29	+ 1.89	356 53 48.72	45.020	+ 8.44	− 3.3	10 16 49.80	.....	+41 57 37.5	....
41	μ Hydræ	9	21 35.23	+ 0.31	+ **1.93**	55 11 52.05	44.525	+ 8.44	+1 28.9	10 21 37.43	.....	−16 21 46.6	....
42	9 H. Draconis	9	27 13.83	+ 0.03	+ 1.89	322 39 45.22	48.660	+ 8.44	− 47.0	10 27 15.75	.....	+76 11 1.5	....
43	41 Leonis Minoris	9	38 21.45	+ 0.31	+ **1.86**	15 12	......	....	. ....	10 38 23.65	.....	+23 40	....
44	37 Sextantis	9	41 14.93	+ 0.32	+ 1.89	31 59 49.52	43.240	+ 8.44	+ 38.7	10 41 17.14	.....	+ 6 51 35.4	....
45	54 Leonis	9	50 34.42	+ 0.31	+ 1.89	13 35 47.99	47.380	+ 8.44	+ 15.1	10 50 36.62	− 1.82	+25 14 26.0	+18.3
46	β Ursæ Majoris	9	56 13.83	+ 0.24	+ 1.89	341 57 47.60	49.082	+ 8.44	− 20.0	10 56 15.96	.....	+56 52 22.4	....
47	χ Leonis	9	0 12.78	+ 0.32	+ **1.88**	30 59 50.20	47.165	+ 8.44	+ 37.3	11 0 14.99	.....	+ 7 50 6.5	....
48	ψ Ursæ Majoris	9	4 25.85	+ 0.28	+ 1.89	353 51 48.45	44.832	+ 8.44	− 6.6	11 4 28.02	.....	+44 59 45.3	....
49	δ Leonis	9	9 9.39	+ 0.31	+ **1.88**	17 49 49.95	43.790	+ 8.44	+ 20.0	11 9 11.59	.....	+21 1 41.1	....
50	ξ Ursæ Majoris (*mean*)	9	13 12.87	+ 0.31	+ 1.89	6 47 48.68	46.808	+ 8.44	+ 7.5	11 13 15.07	.....	+32 2 45.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 0 58	29.845	37.0	36.8
1 15 9	29.85	34.2	31.9
2 16 32	29.83	34.9	33.8
17 57	29.82	35.9	34.4
23 28	29.88	31.5	30.2
23 53	......	....	30.0
0 12	......	....	29.6
0 18	29.88	30.4	....
1 16	29.88	29.5	28.4
1 36	29.88	28.9	28.2
4 8 51	29.87	23.2	21.2
9 20	29.87	22.4	20.8
9 35	......	....	20.1
9 59	......	....	19.6
10 5	29.88	20.8	....
10 46	......	....	18.9
11 16	29.91	19.8	18.8

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at II, III, VI.
2.	Bisections at III, VI.
3, 7.	Bisections at VI, VII.
5, 8.	Bisections at I, II, VI, VII.
6, 25, 29.	Bisections at I, II.
21, 26, 28, 31, 36, 42.	Bisections at III, IV, V.
22.	Bisections at b_2, b_5, b_8.
34, 35.	Bisections at III, V.
38, 44.	Bisections at II, VI, VII.

Notes.

1–3, 10–12.	Clouds.
12.	Faint.
28, 31.	Wind.
43.	Unsteady; poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 6.9	.. ....	+ 0.4	+ 7.3
6	+ 7.7	−16 15.7	...	−16 8.0
7	+ 7.8	+16 15.7	...	+16 23.5
8	+ 5.0	.. ....	0.0	+ 5.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mercury C, C	9	23 7.22	+ 0.38	+ 1.93	55 19 50.98	45.350	+ 8.93	+1 28.6	15 23 9.53	− 0.05	−16 30 4.5	....
	December 5, M.												
2	Sun I, S	9	42 33.82	+ 0.36	+ 1.93	61 23 55.98	44.192	+ 8.41	+1 51.6	16 42 36.11	+70.47	−22 34 5.4	....
3	Sun II, N	9	44 54.77	+ 0.36	+ 1.93	60 51 56.12	42.928	+ 8.41	+1 49.2	16 44 57.06	−70.48	−22 1 34.4	....
4	Venus I, C	9	13 27.68	+ 0.36	+ 1.93	63 21 52.45	46.118	+ 8.16	+2 0.6	18 13 29.97	+ 0.35	−24 32 54.7	....
5	Venus II	9	13 28.34	+ 0.36	+ 1.93	... .	......	....	. ....	18 13 30.63	− 0.31	.. ..	....
	December 5, Hl.												
6	χ Geminorum	9	57 49.55	+ 0.32	+ 1.85	10 48	......	....	. ....	7 57 51.79	.....	+28 3	....
7	β Cancri	9	11 28.95	+ 0.33	+ 1.89	29 22	......	....	. ....	8 11 31.20	.....	+ 9 28	....
8	30 Monocerotis	9	21 1.20	+ 0.34	+ 1.96	42 26	......	....	. ....	8 21 3.46	.....	− 3 36	....
9	η Cancri	9	27 20.62	+ 0.32	+ 1.89	18 6	......	....	. ....	8 27 22.86	.....	+20 45	....
10	γ Cancri	9	37 54.91	+ 0.32	+ 1.97	17 2	......	....	. ....	8 37 57.15	.....	+21 48	....
11	δ Cancri	9	39 24.62	+ 0.32	+ 1.95	20 20	......	....	. ....	8 39 26.86	.....	+18 29	....
12	ε Hydræ	9	41 51.49	+ 0.33	+ 1.94	32 4	......	....	. ....	8 41 53.74	.....	+ 6 45	....
13	Mercury C, C	9	28 7.54	+ 0.35	+ 1.91	55 43 58.48	47.695	+ 7.81	+1 28.5	15 28 9.80	− 0.05	−16 55 4.4	....
	December 6, Hl.												
14	Sun I, S	9	46 55.31	+ 0.34	+ 1.92	61 29 55.35	48.730	+ 8.01	+1 50.0	16 46 57.57	+70.61	−22 41 46.5	....
15	Sun II, N	9	49 16.52	+ 0.34	+ 1.92	60 57 55.15	47.502	+ 8.01	+1 47.6	16 49 18.78	−70.60	−22 9 16.0	....
16	Venus I, C	9	18 57.54	+ 0.30	+ 1.92	63 21 53.32	45.855	+ 6.91	+1 57.8	18 18 59.76	+ 0.43	−24 32 45.5	....
17	Venus II	9	18 58.34	+ 0.30	+ 1.92	... .	......	....	. ....	18 19 0.56	− 0.37	.. ..	....
18	Saturn I, C	5	29 46.72	+ 0.27	+ 1.91	44 33 53.82	51.171	+ 7.16	+ 59.0	23 29 48.90	+ 0.64	− 5 44 13.8	....
19	Saturn II	4	29 48.00	+ 0.27	+ 1.91	... .	......	....	. ....	23 29 50.18	− 0.64	.. ..	....
20	ρ Andromedæ	9	16 13.54	+ 0.27	+ 1.91	1 23 51.80	44.830	+ 7.16	+ 1.5	0 16 15.72	− 2.54	+37 27 35.4	−25.0
21	44 Piscium	9	20 38.20	+ 0.28	+ 1.89	37 25 52.02	42.618	+ 7.16	+ 45.9	0 20 40.39	.....	+ 1 25 41.5	....
22	12 Ceti	9	25 17.65	+ 0.28	+ 1.91	43 17 53.40	46.790	+ 7.16	+ 56.6	0 25 19.84	.....	− 4 28 6.1	....
23	319 B. Cephei	9	32 49.16	− 0.18	+ 1.91	316 53 48.25	42.918	+ 7.16	− 56.0	0 32 50.89	− 7.81	+81 59 18.7	−30.0
24	β Ceti	9	38 55.47	+ 0.28	+ 1.89	57 19 53.68	44.192	+ 7.16	+1 33.5	0 38 57.66	.....	−18 29 43.9	....
25	η Cassiopeiæ	9	43 29.74	+ 0.22	+ 1.91	341 31 50.20	45.380	+ 7.16	− 20.0	0 43 31.87	− 3.42	+57 19 45.7	−27.6
26	59 H¹. Cassiopeiæ	9	45 6.38	+ 0.19	+ 1.91	335 7 49.12	42.710	+ 7.16	− 27.7	0 45 8.48	− 3.85	+63 44 55.0	−28.3
27	h Piscium	9	52 48.47	+ 0.28	+ 1.91	10 21 50.70	44.170	+ 7.16	+ 11.0	0 52 50.66	− 2.72	+28 29 42.1	−21.3
28	α Sculptoris	9	54 7.77	+ 0.26	+ 1.91	68 39 53.92	46.440	+ 7.16	+2 33.0	0 54 9.94	.....	−29 51 34.9	....
29	72 Piscium	9	0 11.04	+ 0.28	+ 1.91	24 23 50.32	45.280	+ 7.16	+ 27.3	1 0 13.23	− 2.59	+14 27 0.9	−17.2
30	β Andromedæ	7	4 32.06	+ 0.27	+ 1.91	3 43 50.40	43.682	+ 7.16	+ 4.0	1 4 34.24	.....	+35 8 0.1	....
31	ζ¹ Piscium	9	8 52.59	+ 0.29	+ 2.00	31 45 51.32	44.178	+ 7.16	+ 37.2	1 8 54.79	.....	+ 7 5 15.2	....
32	f Piscium	9	13 0.41	+ 0.29	+ 1.91	35 43 52.40	42.715	+ 7.16	+ 43.2	1 13 2.61	.....	+ 3 7 41.4	....
33	109 G. Sculptoris	9	19 11.62	+ 0.25	+ 1.91	70 13 55.30	46.398	+ 7.16	+2 46.2	1 19 13.78	− 2.42	−31 25 48.3	− 3.2
34	9 B. Ursæ Minoris s. P.	9	23 40.76	+ 0.59	+ 1.91	291 45 47.80	45.388	+ 7.16	−2 28.8	13 23 43.26	.....	+72 52 2.1	....
35	π Piscium	9	32 10.51	+ 0.28	+ 1.95	27 10	......	....	. ....	1 32 12.70	.....	+11 40	....
36	τ Andromedæ	9	35 6.37	+ 0.27	+ 1.91	358 45 50.05	42.125	+ 7.16	− 1.2	1 35 8.55	− 3.32	+40 6 41.6	−21.5
37	τ Ceti	7	39 45.15	+ 0.28	+ 1.87	55 15 53.72	43.960	+ 7.16	+1 26.5	1 39 47.34	.....	−16 25 31.4	....
38	2 Persei	9	46 15.85	+ 0.25	+ 1.91	348 31 50.38	43.530	+ 7.16	− 12.1	1 46 18.01	− 3.84	+50 20 19.9	−22.3
39	α Piscium (*mean*)	9	57 14.56	+ 0.28	+ 1.91	36 31 52.50	44.288	+ 7.16	+ 44.6	1 57 16.75	− 2.76	+ 2 19 3.9	−11.6
40	B. D.+37°486	9	2 53.57	+ 0.27	+ 1.91	1 25 50.22	45.418	+ 7.16	+ 1.6	2 2 55.75	− 3.45	+37 25 23.3	−19.0
41	B. D.+37°504	9	8 17.14	+ 0.27	+ 1.91	1 11 51.12	46.645	+ 7.16	+ 1.3	2 8 19.32	− 3.49	+37 38 54.6	−18.6
42	θ Arietis	9	12 57.88	+ 0.28	+ 1.91	19 21 52.70	46.800	+ 7.16	+ 21.2	2 13 0.07	− 3.07	+19 28 29.9	−14.9
43	27 Arietis	9	25 45.60	+ 0.28	+ 1.91	21 33 50.40	43.442	+ 7.16	+ 23.8	2 25 47.79	− 3.09	+17 17 46.1	−13.6
44	ν Ceti	9	31 0.23	+ 0.29	+ 1.95	33 39 52.60	43.550	+ 7.16	+ 40.1	2 31 2.43	.....	+ 5 11 25.2	....
	December 6, P.												
45	76 Draconis s. P.	9	49 12.16	+ 0.74	+ 1.93	301 3 47.10	47.597	+ 8.03	−1 40.0	20 49 14.83	.....	+82 11 42.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 15 23	29.97	25.0	24.8
5 16 45	29.97	27.0	27.1
18 13	29.96	30.4	29.8
15 28	30.015	33.0	33.2
6 16 49	[illegible]	36.0	37.0
18 19	29.98	40.6	41.1
23 18	30.00	36.0	37.0
23 34	......	....	36.1
0 5	30.01	36.1	35.9
0 11	......	....	35.8
0 28	......	....	35.6
0 48	30.01	36.0	35.1
1 11	......	....	35.0
1 29	30.01	35.7	34.9
1 50	......	....	34.9
2 10	......	....	34.1
2 17	......	....	34.2
2 36	30 01	35.0	34.0
8 46	29.97	30.1	30.0

Micrometer bisections are made at II, VI, except as noted below.

1, 4, 13, 16, 18.	Bisections at I, II, VI, VII.
2, 14, 20, 21, 23, 27, 29, 31, 33, 34, 36, 37, 42.	Bisections at I, II.
3, 15, 26, 30.	Bisections at VI, VII.
18.	Z. D. threads C used.
45.	Bisections at b_1, b_3, b_5, b_7, b_9.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.5	.. ....	+ 0.3	+ 6.8
2	+ 7.8	+16 15.5	...	+16 23.3
3	+ 7.8	−16 15.5	...	−16 7.7
4	+ 5.0	.. ....	0.0	+ 5.0
13	+ 6.4	.. ....	+ 0.2	+ 6.6
14	+ 7.8	+16 15.3	...	+16 23.1
15	+ 7.8	−16 15.2	...	−16 7.4
16	+ 5.0	.. ....	0.0	+ 5.0
18	+ 0.6	.. ....	...	+ 0.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	44 B. Ursæ Majoris	9	57 13.41	+ 0.29	+ 1.93	344 11 48.95	48.218	+ 8.03	− 17.0	8 57 15.63	− 3.60	+54 38 38.4	+23.3
2	κ Cancri	9	2 42.99	+ 0.32	+ **1.96**	27 47 51.95	46.702	+ 8.03	+ 32.0	9 2 45.24	.....	+11 2 21.0	....
3	36 Lyncis	9	7 44.42	+ 0.31	+ 1.93	355 15 49.08	44.888	+ 8.03	− 5.0	9 7 46.66	− 3.06	+43 35 42.4	+21.4
4	38 Lyncis	9	13 4.24	+ 0.32	+ 1.93	1 39 50.42	45.265	+ 8.03	+ 1.8	9 13 6.49	− 2.85	+37 11 25.7	+19.9
5	40 Lyncis	9	15 24.13	+ 0.32	+ 1.93	4 3 50.88	46.745	+ 8.03	+ 4.4	9 15 26.38	.....	+34 46 48.7	....
6	1 H. Draconis	8	23 59.60	+ 0.01	+ 1.93	317 7 47.62	46.944	+ 8.03	− 56.0	9 24 1.54	.....	+81 43 47.7	....
7	10 Leonis Minoris	8	28 32.28	+ 0.32	+ 1.93	2 1 51.28	48.265	+ 8.03	+ 2.2	9 28 34.53	.....	+36 48 15.5	....
8	10 Leonis	9	32 18.27	+ 0.32	+ 1.93	31 35 50.62	44.892	+ 8.03	+ 37.3	9 32 20.52	− 2.35	+ 7 14 58.4	+11.4
9	θ Antliæ	9	40 3.42	+ 0.29	+ 1.93	66 9 53.05	44.700	+ 8.03	+2 16.7	9 40 5.64	− 2.18	−27 20 38.9	+ 0.6
10	υ Ursæ Majoris	9	44 24.15	+ 0.28	+ 1.93	339 23 48.50	44.610	+ 8.03	− 22.7	9 44 26.36	.....	+59 28 7.0	....
11	109 B. Ursæ Majoris	9	50 7.29	+ 0.20	+ 1.93	325 33 48.62	43.605	+ 8.03	− 41.4	9 50 9.42	.....	+73 18 48.4	....
12	π Leonis	9	55 17.97	+ 0.32	+ **1.94**	30 21 51.18	44.298	+ 8.03	+ 35.6	9 55 20.22	.....	+ 8 29 13.2	....
13	υ^2 Hydræ	9	0 35.62	+ 0.31	+ 1.93	51 27 53.78	42.805	+ 8.03	+1 16.2	10 0 37.86	.....	−12 36 55.9	....
14	λ Hydræ	9	6 3.14	+ 0.31	+ **1.91**	50 44	......	....	. ....	10 6 5.38	.....	−11 53	....
15	λ Ursæ Majoris	8	11 29.79	+ 0.31	+ 1.93	355 27 50.05	48.515	+ 8.03	− 4.7	10 11 32.03	.....	+43 22 18.2	....
16	μ Ursæ Majoris	9	16 47.77	+ 0.31	+ 1.93	356 53 50.18	45.000	+ 8.03	− 3.2	10 16 50.01	.....	+41 57 36.9	....
17	μ Hydræ	9	21 35.35	+ 0.31	+ **1.87**	55 11 54.12	44.578	+ 8.03	+1 27.4	10 21 37.59	.....	−16 21 47.9	....
18	9 H. Draconis	8	27 14.10	+ 0.16	+ 1.93	322 41 47.70	43.320	+ 8.03	− 46.2	10 27 16.19	.....	+76 11 0.7	....
19	31 Cephei s. p.	9	33 26.82	+ 0.54	+ 1.93	292 3 48.40	45.640	+ 8.03	−2 28.4	22 33 29.29	− 0.88	+73 10 10.6	−32.0
20	41 Leonis Minoris	9	38 21.47	+ 0.32	+ **1.91**	15 11 50.82	42.602	+ 8.03	+ 16.6	10 38 23.72	.....	+23 40 11.4	....
21	37 Sextantis	9	41 14.97	+ 0.32	+ 1.93	31 59 52.55	43.188	+ 8.03	+ 38.0	10 41 17.22	.....	+ 6 51 34.7	....
22	ι Cephei s. p.	8	46 20.88	+ 0.48	+ 1.93	284 37 47.12	46.557	+ 8.03	−3 48.0	22 46 23.29	.....	+65 43 10.7	....
23	6 H¹. Draconis	9	52 32.49	+ 0.12	+ 1.93	320 35 47.15	47.282	+ 8.03	− 49.7	10 52 34.54	.....	+78 15 34.1	....
24	β Ursæ Majoris	9	56 13.94	+ 0.28	+ 1.93	341 59 51.32	43.718	+ 8.03	− 19.7	10 56 16.15	.....	+56 52 21.5	....
25	χ Leonis	9	0 12.80	+ 0.32	+ **1.92**	30 59 52.22	47.122	+ 8.03	+ 36.5	11 0 15.05	.....	+ 7 50 6.6	....
26	ψ Ursæ Majoris	9	4 25.93	+ 0.31	+ 1.93	353 51 49.82	44.812	+ 8.03	− 6.5	11 4 28.17	.....	+44 59 44.8	....
27	δ Leonis	9	9 9.38	+ 0.32	+ **1.94**	17 49 51.10	43.790	+ 8.03	+ 19.6	11 9 11.63	.....	+21 1 40.8	....
28	ξ Ursæ Majoris (*mean*)	9	13 13.04	+ 0.32	+ 1.93	6 47 50.02	46.788	+ 8.03	+ 7.3	11 13 15.29	.....	+32 2 45.6	....
29	Mercury II, C	9	33 18.27	+ 0.32	+ 1.92	56 9 51.88	46.142	+ 8.08	+1 28.9	15 33 20.51	− 0.21	−17 20 22.9	....
	December 7, P.												
30	Sun I, N	9	51 17.48	+ 0.29	+ 1.92	61 5 54.10	45.668	+ 8.18	+1 46.6	16 51 19.59	+70.74	−22 16 33.0	....
31	Sun II, S	9	53 38.86	+ 0.29	+ 1.92	61 37 54.75	46.880	+ 8.18	+1 49.0	16 53 41.07	−70.74	−22 49 2.9	....
32	Venus I, C	9	24 27.46	+ 0.24	+ 1.93	63 21 54.85	43.425	+ 7.67	+1 56.2	18 24 29.63	+ 0.45	−24 31 50.7	....
33	Venus II	9	24 28.31	+ 0.24	+ 1.93	... .	......	....	. ....	18 24 30.48	− 0.40	.. ..	....
34	Moon I	8	14 13.29	+ 0.24	+ 1.93	62 20	......	....	. ....	19 14 15.46	+75.01	.. ..	....
35	Saturn I, C	7	29 51.49	+ 0.16	+ 1.91	44 33 53.08	49.462	+ 6.14	+ 58.0	23 29 53.56	+ 0.64	− 5 43 33.0	....
36	Saturn II	7	29 52.77	+ 0.16	+ 1.91	... .	......	....	. ....	23 29 54.84	− 0.64	.. ..	....
37	ρ Andromedæ	9	16 13.68	+ 0.20	+ 1.91	1 23 49.25	44.972	+ 6.14	+ 1.5	0 16 15.79	− 2.53	+37 27 35.6	−25.0
38	44 Piscium	9	20 38.29	+ 0.18	+ **1.89**	37 25 50.60	42.750	+ 6.14	+ 45.1	0 20 40.38	.....	+ 1 25 41.5	....
39	12 Ceti	9	25 17.72	+ 0.17	+ **1.94**	43 17 51.55	46.945	+ 6.14	+ 55.6	0 25 19.80	.....	− 4 28 5.8	....
40	ε Andromedæ	9	33 38.69	+ 0.20	+ **1.99**	10 1 49.62	46.765	+ 6.14	+ 10.5	0 33 40.80	.....	+28 48 45.3	....
41	ν Cassiopeiæ	9	43 34.56	+ 0.20	+ 1.92	348 23 48.85	44.328	+ 6.14	− 12.0	0 43 36.68	− 3.12	+50 28 4.3	−26.6
42	1 B. Ursæ Minoris	9	58 9.44	− 1.36	+ 1.92	310 21 44.78	41.902	+ 6.14	−1 9.1	0 58 10.00	−42.17	+88 32 0.1	−28.7
43	χ Piscium	9	6 27.74	+ 0.19	+ 1.92	18 17 52.35	46.478	+ 6.14	+ 19.6	1 6 29.85	− 2.70	+20 32 40.0	−18.6
44	ζ^1 Piscium	9	8 52.73	+ 0.19	+ **1.95**	31 45 50.15	44.285	+ 6.14	+ 36.6	1 8 54.84	.....	+ 7 5 15.3	....
45	ι Piscium	9	15 59.46	+ 0.20	+ 1.92	10 35 48.95	44.890	+ 6.14	+ 11.1	1 16 1.58	− 2.88	+28 15 28.2	−20.2
46	η Piscium	9	26 30.98	+ 0.19	+ **1.89**	23 59 50.42	42.148	+ 6.14	+ 26.3	1 26 33.09	.....	+14 52 14.2	....
47	τ Ceti	9	39 45.27	+ 0.16	+ **1.86**	55 15 51.68	44.155	+ 6.14	+1 25.1	1 39 47.35	.....	−16 25 31.6	....
48	2 Persei	9	46 15.79	+ 0.20	+ 1.92	348 31 49.72	43.588	+ 6.14	− 11.9	1 46 17.91	− 3.82	+50 20 20.2	−22.5
49	γ Andromedæ	9	58 12.63	+ 0.20	+ 1.92	356 57 50.18	45.855	+ 6.14	− 3.1	1 58 14.75	.....	+41 53 19.2	....
50	β Trianguli	9	4 1.56	+ 0.20	+ 1.92	4 17 49.58	46.015	+ 6.14	+ 4.5	2 4 3.68	.....	+34 33 8.4	....
51	θ Arietis	9	12 58.01	+ 0.19	+ 1.92	19 21 50.32	46.975	+ 6.14	+ 20.9	2 13 0.12	− 3.07	+19 28 29.4	−14.9
52	27 Arietis	9	25 45.72	+ 0.19	+ 1.92	21 33 49.70	43.555	+ 6.14	+ 23.4	2 25 47.83	− 3.09	+17 17 45.7	−13.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 9 0	......	....	30.0
9 39	......	....	30.2
9 48	29.98	29.9	30.2
10 10	......	....	29.2
10 31	29.985	29.3	29.0
10 50	......	....	28.8
11 15	29.99	29.0	30.5
15 34	30.06	39.8	39.0
7 16 54	30.02	42.9	43.9
18 25	30.000	47.0	48.1
23 31	29.98	44.5	44.0
0 14	29.97	43.5	43.3
0 30	......	....	43.0
0 42	......	....	43.0
1 3	29.97	43.0	43.0
1 22	......	....	42.6
1 40	......	....	42.3
2 0	29.96	42.0	41.7
2 20	......	....	41.2

Micrometer bisections are made at II, VI, except as noted below.

1, 3, 10, 11, 15, 16, 23, 26, 41, 48, 49.	Bisections at III, V.
4, 20, 30.	Bisections at I, II.
6, 42.	Bisections at b_1, b_3, b_5, b_7, b_9.
7, 31.	Bisections at VI, VII.
18, 24.	Bisections at IV, V.
19, 22.	Bisections at III, IV, V.
25, 44.	Bisections at II, VI, VII.
29, 32, 35.	Bisections at I, II, VI, VII.
35.	Z. D. threads C used.

Notes.

8. Micrometer reading decreased 4 rev.
20. Degrees and minutes of circle reading assumed.
37. Clouds.
41. Micrometer reading increased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
29	+ 6.3	.. ....	+ 0.2	+ 6.5
30	+ 7.8	−16 15.0	...	−16 7.2
31	+ 7.8	+16 14.9	...	+16 22.7
32	+ 5.1	.. ....	0.0	+ 5.1
35	+ 0.6	.. ....	...	+ 0.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ν Ceti	9	31 0.39	+ 0.19	+ **1.89**	33 39 50.68	43.720	+ 6.14	+ 39.4	2 31 2.50	.....	+ 5 11 25.0	....
2	μ Arietis	8	37 8.27	+ 0.19	+ 1.92	19 13 50.85	45.305	+ 6.14	+ 20.7	2 37 10.38	− 3.19	+19 37 7.4	−13.4
3	π Ceti	9	39 42.50	+ 0.16	+ 1.92	53 5 50.65	43.245	+ 6.14	+1 18.8	2 39 44.58	.....	−14 15 3.5	....
	December 8, M.												
4	B. A. C. 7504 s. P.	7	17 55.36	+ 1.09	+ 2.09	305 31 45.32	46.938	+ 7.59	−1 22.8	21 17 58.54	.....	+86 39 42.2	....
5	d Ursæ Majoris	9	26 18.81	+ 0.04	+ 2.09	328 37 44.12	45.982	+ 7.59	− 36.1	9 26 20.94	.....	+70 13 53.8	....
6	89 B. Ursæ Majoris	9	34 20.14	+ 0.05	+ 2.09	329 11 44.45	47.815	+ 7.59	− 35.3	9 34 22.28	− 4.24	+69 39 10.8	+28.2
7	θ Antliæ	9	40 3.48	+ 0.04	+ 2.09	66 9 49.48	45.048	+ 7.59	+2 14.2	9 40 5.61	− 2.24	−27 20 40.2	+ 1.1
8	μ Leonis	9	47 28.88	+ 0.12	+ **2.06**	12 23 47.25	47.690	+ 7.59	+ 13.2	9 47 31.09	.....	+26 26 22.4	....
9	158 B. Cephei s. P.	9	51 38.88	+ 0.35	+ 2.09	292 9 44.95	45.825	+ 7.59	−2 24.4	21 51 41.32	.....	+73 16 14.9	....
10	π Leonis	9	55 18.13	+ 0.12	+ **2.05**	30 21 48.48	44.515	+ 7.59	+ 34.9	9 55 20.34	.....	+ 8 29 12.0	....
11	ζ Leonis	9	11 31.26	+ 0.13	+ **2.12**	14 58	......	....	. ....	10 11 33.48	.....	+23 52	....
12	γ Leonis (*pr.*)	9	14 50.91	+ 0.13	+ **2.04**	18 32	......	....	. ....	10 14 53.13	.....	+20 18	....
13	μ Hydræ	9	21 35.37	+ 0.09	+ **2.14**.	55 12	......	....	. ....	10 21 37.55	.....	−16 21	....
14	ρ Leonis	9	27 54.80	+ 0.13	+ **2.12**	29 4	......	....	. ....	10 27 57.02	.....	+ 9 46	....
15	42 Leonis Minoris	9	40 41.63	+ 0.15	+ 2.09	7 39 48.38	48.977	+ 7.59	+ 8.1	10 40 43.87	.....	+31 9 56.8	....
	December 10, Hl.												
16	Moon I, S.	9	23 14.37	− 0.05	+ 2.14	54 3 56.05	45.350	+ 6.57	+1 17.8	22 23 16.46	+69.25	−15 13 56.4	....
17	1 Geminorum	9	58 29.46	+ 0.05	+ **2.17**	15 36	......	....	. ....	5 58 31.65	.....	+23 16	....
18	ν Orionis	9	2 16.98	+ 0.05	+ **2.16**	24 4	......	....	. ....	6 2 19.17	.....	+14 46	....
19	η Geminorum	9	9 17.29	+ 0.05	+ **2.15**	16 20	......	....	. ....	6 9 19.48	.....	+22 32	....
20	μ Geminorum	9	17 21.59	+ 0.05	+ **2.05**	16 18	......	....	. ....	6 17 23.78	.....	+22 33	....
21	γ Geminorum	9	32 21.61	+ 0.05	+ **2.16**	22 22	......	....	. ....	6 32 23.80	.....	+16 28	....
	December 11, Ei.-M.												
22	∂ Piscium	9	43 51.23	+ 0.14	+ **2.41**	31 45 45.80	45.082	+ 9.02	+ 36.9	0 43 53.80	.....	+ 7 4 58.3	....
23	20 Ceti	9	48 15.08	+ 0.14	+ **2.38**	40 29 46.62	43.728	+ 9.05	+ 50.9	0 48 17.65	.....	− 1 38 45.6	....
24	B. D. +13°150	9	57 40.25	+ 0.14	+ 2.43	25 5 46.40	44.355	+ 9.12	+ 28.0	0 57 42.82	− 2.52	+13 45 23.1	−17.0
25	ζ Piscium	9	8 52.28	+ 0.14	+ **2.42**	31 45 44.70	44.382	+ 9.21	+ 36.9	1 8 54.85	.....	+ 7 5 15.2	....
26	υ Piscium	9	14 21.41	+ 0.15	+ **2.38**	12 3 44.22	46.550	+ 9.25	+ 12.8	1 14 24.00	.....	+26 46 50.1	....
	December 11, M.												
27	109 G. Sculptoris	9	19 11.26	+ 0.07	+ 2.46	70 13 48.98	46.630	+ 9.29	+2 44.9	1 19 13.79	− 2.37	−31 25 48.4	− 2.6
28	η Piscium	9	26 30.47	+ 0.15	+ **2.40**	23 59 46.22	42.205	+ 9.34	+ 26.6	1 26 33.08	.....	+14 52 13.6	....
29	13 B. Ursæ Minoris s. P.	9	34 51.94	+ 0.43	+ 2.46	290 35 41.55	47.035	+ 9.41	−2 36.6	13 34 54.83	+ 2.09	+71 42 28.8	+25.5
30	τ Ceti	9	39 44.68	+ 0.12	+ **2.46**	55 15 47.15	44.188	+ 9.44	+1 25.9	1 39 47.26	.....	−16 25 31.9	....
31	ε Cassiopeiæ	9	47 43.98	+ 0.09	+ 2.46	335 39 42.90	42.292	+ 9.50	− 26.9	1 47 46.53	.....	+63 13 8.2	....
32	B. D. +36°397	9	57 39.83	+ 0.15	+ 2.46	1 39 44.70	45.938	+ 9.58	+ 1.8	1 57 42.44	− 3.36	+37 11 14.3	−19.9
33	β Trianguli	9	4 1.15	+ 0.15	+ 2.46	4 17 45.82	46.005	+ 9.63	+ 4.5	2 4 3.76	.....	+34 33 8.9	....
34	μ Fornacis	9	8 48.87	+ 0.08	+ 2.46	69 57 48.68	46.162	+ 9.66	+2 42.5	2 8 51.41	.....	−31 9 35.3	....
35	θ Arietis	9	12 57.49	+ 0.14	+ 2.46	19 21 46.52	46.995	+ 9.69	+ 21.0	2 13 0.09	− 3.05	+19 28 29.1	−14.9
36	ξ² Ceti	9	23 13.14	+ 0.14	+ **2.42**	30 47 46.08	45.612	+ 9.77	+ 35.6	2 23 15.74	.....	+ 8 2 46.5	....
37	ν Ceti	9	30 59.88	+ 0.14	+ **2.44**	33 40	......	....	. ....	2 31 2.48	.....	+ 5 11	....
38	ν Arietis	9	33 32.60	+ 0.14	+ **2.47**	17 17 46.10	43.722	+ 9.85	+ 18.6	2 33 35.20	.....	+21 33 46.5	....
39	μ Arietis	9	37 7.81	+ 0.14	+ 2.46	19 13 46.80	45.345	+ 9.88	+ 20.9	2 37 10.41	− 3.18	+19 37 6.4	−13.5
40	41 Arietis	9	44 31.21	+ 0.15	+ **2.44**	11 58	......	....	. ....	2 44 33.82	.....	+26 52	....
41	τ² Eridani	9	46 49.44	+ 0.11	+ 2.46	60 11 48.32	47.712	+ 9.95	+1 44.0	2 46 52.01	.....	−21 23 12.2	....
42	47 H. Cephei	9	53 50.28	− 0.15	+ 2.46	319 49 42.60	42.578	+10.00	− 50.2	2 53 52.59	.....	+79 3 24.7	....
43	γ Persei	5	58 5.35	+ 0.11	+ 2.46	345 43 45.10	42.515	+10.03	− 15.1	2 58 7.92	.....	+53 8 48.6	....
44	12 Eridani	9	8 7.48	+ 0.09	+ 2.46	68 9 48.65	45.785	+10.11	+2 28.2	3 8 10.03	.....	−29 21 12.7	....
	December 11, Hl.												
45	76 Draconis s. P.	9	49 10.71	+ 1.06	+ 2.42	301 3 44.70	47.663	+ 7.99	−1 39.2	20 49 14.19	.....	+82 11 42.2	....
46	44 B. Ursæ Majoris	9	57 13.42	+ 0.10	+ 2.42	344 11 45.78	48.350	+ 8.03	− 16.9	8 57 15.94	− 3.85	+54 38 38.3	+23.1
47	κ Cancri	9	2 42.79	+ 0.16	+ **2.48**	27 47 50.25	46.780	+ 8.05	+ 31.8	9 2 45.37	.....	+11 2 20.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 2 40	29.965	41.1	41.0
8 9 14	[illegible]	[illegible]	37.2
9 33	......	....	[illegible]
10 3	29.85	37.5	37.3
10 57	29.85	38.2	37.6
10 22 23	29.27	53.8	53.0
11 0 41	[illegible]	33.6	32.2
0 59	......	....	32.1
1 15	29.60	[illegible]	32.2
1 44	......	....	32.2
2 26	29.60	32.2	32.2
2 51	......	....	31.9
3 11	29.61	32.0	32.0
8 37	[illegible]	30.1	29.1
9 5	......	....	29.0

Micrometer bisections are made at II, VI, except as noted below.

2. Bisections at I, II.
4. Bisections at b_2, b_5, b_8.
5, 6, 31, 42. Bisections at III, V.
7, 44. Bisections at I, II, VI.
9, 29, 45. Bisections at III, IV, V.
15. Bisections at II, VI, VII.
16. Bisections at II, III, IV, V, VI.
26. Bisections at II, VII.
43. Bisections at b_6, b_8, b_9.
47. Bisections at VI, VII.

Notes.

11-15, 20. Clouds.
45 47. Conditions poor.
46. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+47 45.6	+16 8.5	...	+63 54.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	θ Hydræ	9	9 31.68	+ 0.16	+ **2.42**	36 7 49.38	46.622	+ 8.08	+ 44.0	9 9 34.26	.....	+ 2 42 13.2	....
2	40 Lyncis	9	15 23.94	+ 0.15	+ 2.42	4 3 47.68	46.895	+ 8.10	+ 4.4	9 15 26.51	.....	+34 46 48.3	....
3	1 H. Draconis	9	24 0.60	− 0.47	+ 2.42	317 7 45.10	46.952	+ 8.14	− 55.6	9 24 2.55	.....	+81 43 48.3	....
4	10 Leonis	9	32 18.03	+ 0.16	+ 2.42	31 35 47.00	45.110	+ 8.17	+ 37.1	9 32 20.61	− 2.51	+ 7 14 57.2	+12.2
5	θ Antliæ	9	40 3.17	+ 0.12	+ 2.42	66 9 50.32	44.850	+ 8.20	+2 15.9	9 40 5.71	− 2.34	−27 20 39.0	+ 1.7
6	23 Leonis	9	46 0.07	+ 0.16	+ 2.42	25 21 48.30	43.170	+ 8.23	+ 28.6	9 46 2.65	− 2.48	+13 29 48.8	+14.6
7	109 B. Ursæ Majoris	9	50 7.69	− 0.09	+ 2.42	325 33 45.82	43.650	+ 8.25	− 41.2	9 50 10.02	.....	+73 18 48.9	....
8	193 G. Hydræ	9	0 2.89	+ 0.13	+ 2.42	62 39 49.80	44.472	+ 8.29	+1 56.4	10 0 5.44	− 2.25	−23 50 10.4	+ 2.8
9	λ Hydræ	7	6 2.93	+ 0.15	+ **2.45**	50 44	......	....	.....	10 6 5.50	.....	−11 53	....
10	λ Ursæ Majoris	9	11 29.66	+ 0.13	+ 2.42	355 27 46.48	48.642	+ 8.33	− 4.7	10 11 32.21	.....	+43 22 18.2	....
11	μ Hydræ	9	21 35.18	+ 0.15	+ **2.37**	55 11 50.05	44.782	+ 8.37	+1 26.7	10 21 37.75	.....	−16 21 47.9	....
12	37 Ursæ Majoris	9	29 10.93	+ 0.08	+ 2.42	341 17 46.50	46.982	+ 8.41	− 20.3	10 29 13.43	− 2.63	+57 33 11.9	+28.3
13	31 Cephei S. P.	9	33 25.77	+ 0.60	+ 2.42	292 3 44.05	45.730	+ 8.42	−2 27.3	22 33 28.79	− 0.49	+73 10 9.4	−31.9
14	37 Sextantis	9	41 14.69	+ 0.16	+ 2.43	31 59 47.72	43.440	+ 8.46	+ 37.8	10 41 17.28	.....	+ 6 51 33.6	....
15	ι Cephei S. P.	9	46 20.23	+ 0.52	+ 2.43	284 37 43.20	46.602	+ 8.48	−3 46.4	22 46 23.18	.....	+65 43 9.6	....
16	6 H^1. Draconis	8	52 33.16	− 0.25	+ 2.43	320 35 44.00	47.360	+ 8.50	− 49.4	10 52 35.34	.....	+78 15 33.6	....
17	χ Leonis	9	0 12.58	+ 0.16	+ **2.47**	30 59 48.08	47.350	+ 8.53	+ 36.4	11 0 15.17	.....	+ 7 50 5.2	....
18	δ Crateris	9	14 40.65	+ 0.15	+ **2.52**	53 6	......	....	.....	11 14 43.23	.....	−14 16	....
19	σ Leonis	9	16 19.69	+ 0.16	+ **2.54**	32 18	......	....	.....	11 16 22.28	.....	+ 6 32	....
20	Mercury C, C	9	1 9.44	+ 0.18	+ 2.45	58 15 48.88	44.628	+ 7.80	+1 37.0	16 1 12.07	− 0.03	−19 25 53.2	....
	December 12, Hl.												
21	Moon I, S	9	11 29.23	+ 0.24	+ 2.48	43 57 51.12	45.626	+ 7.11	+ 58.4	0 11 31.95	+65.45	− 5 7 38.9	....
22	59 H^1. Cassiopeiæ	9	45 5.66	+ 0.17	+ 2.48	335 7 45.75	42.862	+ 7.16	− 28.0	0 45 8.31	− 3.63	+63 44 55.6	−29.2
23	h Piscium	9	52 47.91	+ 0.24	+ 2.48	10 21 47.55	44.292	+ 7.19	+ 11.1	0 52 50.63	− 2.65	+28 29 42.4	−21.5
24	α Sculptoris	9	54 7.08	+ 0.18	+ 2.48	68 39 50.28	46.495	+ 7.19	+2 34.7	0 54 9.74	.....	−29 51 34.4	....
25	μ Cassiopeiæ	9	2 5.81	+ 0.21	+ 2.48	344 23 45.18	44.200	+ 7.22	− 16.9	1 2 8.50	.....	+54 28 14.6	....
26	β Andromedæ	9	4 31.47	+ 0.24	+ 2.48	3 43 47.38	43.788	+ 7.23	+ 4.0	1 4 34.19	.....	+35 8 0.9	....
27	ζ^1 Piscium	9	8 52.08	+ 0.24	+ **2.51**	31 45 48.02	44.308	+ 7.25	+ 37.6	1 8 54.80	.....	+ 7 5 14.9	....
28	l Piscium	9	15 58.79	+ 0.24	+ 2.48	10 35 47.42	44.882	+ 7.27	+ 11.4	1 16 1.51	− 2.82	+28 15 28.6	−20.4
29	109 G. Sculptoris	9	19 10.97	+ 0.17	+ 2.48	70 13 51.85	46.392	+ 7.28	+2 48.3	1 19 13.62	− 2.36	−31 25 47.2	− 2.4
30	η Piscium	9	26 30.37	+ 0.24	+ **2.41**	23 59 49.65	42.082	+ 7.31	+ 27.1	1 26 33.09	.....	+14 52 14.5	....
31	13 B. Ursæ Minoris S. P.	9	34 51.81	+ 0.56	+ 2.48	290 35 44.00	47.217	+ 7.34	−2 39.8	13 34 54.85	+ 2.02	+71 42 29.9	+25.8
32	τ Ceti	9	39 44.54	+ 0.21	+ **2.50**	55 15 49.60	44.070	+ 7.35	+1 27.6	1 39 47.23	.....	−16 25 31.3	....
33	γ Arietis (*south*)	9	48 25.63	+ 0.24	+ 2.49	19 59 47.72	46.880	+ 7.39	+ 22.2	1 48 28.36	− 2.89	+18 50 31.8	−16.2
34	ν Fornacis	9	0 19.20	+ 0.20	+ 2.49	68 33 50.55	43.785	+ 7.43	+2 34.3	2 0 21.89	− 2.53	−29 44 32.2	− 2.5
35	β Trianguli	9	4 0.94	+ 0.24	+ 2.49	4 18	......	....	.....	2 4 3.67	.....	+34 33	....
36	o Ceti	9	14 38.83	+ 0.25	+ 2.49	42 13 50.25	46.320	+ 7.48	+ 55.4	2 14 41.57	.....	− 3 23 51.4	....
37	ξ^2 Ceti	9	23 12.99	+ 0.25	+ **2.45**	30 47 48.18	45.515	+ 7.51	+ 36.4	2 23 15.73	.....	+ 8 2 48.1	....
38	ν Ceti	9	30 59.72	+ 0.26	+ **2.47**	33 40	......	....	.....	2 31 2.47	.....	+ 5 11	....
39	ν Arietis	9	33 32.39	+ 0.25	+ **2.56**	17 17 48.72	43.625	+ 7.54	+ 19.0	2 33 35.13	.....	+21 33 48.2	....
40	θ Persei	9	37 52.19	+ 0.22	+ 2.49	350 1 45.42	43.448	+ 7.56	− 10.7	2 37 54.90	.....	+48 50 25.0	....
41	41 Arietis	9	44 31.04	+ 0.26	+ **2.50**	11 58	......	....	.....	2 44 33.79	.....	+26 52	....
42	τ Persei	9	47 41.42	+ 0.21	+ 2.49	346 27 55.60	46.328	+ 7.59	− 14.6	2 47 44.12	.....	+52 23 12.9	....
43	47 H. Cephei	9	53 50.30	− 0.12	+ 2.49	319 49 59.98	41.902	+ 7.61	− 51.3	2 53 52.67	.....	+79 3 25.0	....
44	12 Eridani	9	8 7.28	+ 0.22	+ 2.49	68 9 49.55	45.648	+ 7.66	+2 31.6	3 8 9.99	.....	−29 21 11.6	....
	December 12, M.												
45	Jupiter I, C	5	3 50.37	+ 0.31	+12.64	21 25 46.70	39.156	+ 8.37	+ 24.3	9 4 3.32	+ 1.46	+17 25 43.1	....
46	Jupiter II	5	3 53.30	+ 0.31	+12.64	... .	......	....	.....	9 4 6.25	− 1.47	.. ..	....
47	θ Antliæ	9	39 52.75	+ 0.29	+12.64	66 9 47.50	44.842	+ 8.42	+2 19.5	9 40 5.68	− 2.37	−27 20 39.9	+ 1.9

Time.			Barom.	Att. Ther.	Ext. Ther.
d	h	m	in.	°	°
11	9	35	29.695	29.6	28.6
	9	57	......	....	28.1
	10	17	......	....	28.0
	10	39	......	....	28.0
	11	7	29.73	28.4	27.9
	16	1	29.82	33.4	32.1
12	0	6	29.90	30.2	29.8
	0	19	......	....	29.5
	0	37	......	....	29.0
	0	42	29.915	29.6	....
	0	49	......	....	29.0
	0	58	......	....	28.7
	1	13	......	....	28.1
	1	31	......	....	28.1
	1	52	29.94	28.5	28.0
	2	10	......	....	27.2
	2	27	......	....	27.2
	2	52	......	....	26.8
	3	11	29.95	27.3	26.7
	9	2	29.98	22.2	21.2
	9	36	29.98	21.8	20.9

Micrometer bisections are made at II, VI, except as noted below.

1, 7, 10, 16, 43.	Bisections at VI, VII.
3, 6, 11, 12, 14, 23, 25, 28, 33, 34, 39, 42.	Bisections at I, II.
5.	Bisections at II, VII.
20, 45.	Bisections at I, II, VI, VII.
21.	Bisections at II, III, IV, V, VI.
24, 29, 36.	Bisections at II, VI, VII.
31.	Bisections at II, IV, VI.
45.	Z. D. threads A used.
47.	Bisections at V, VII.

Notes.

1–19.	Conditions poor.
1, 9, 36.	Faint.
43.	Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
20	+ 6.0	.. ....	+0.1	+ 6.1
21	+39 56.6	+15 45.3	...	+55 41.9
45	+ 0.7	.. ....	...	+ 0.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Leonis	9	47 18.34	+ 0.32	**+12.54**	12 23 47.05	47.660	+ 8.42	+ 13.7	9 47 31.30	.....	+26 26 21.9	....
2	158 B. Cephei s. p.	8	51 27.56	+ 0.68	+12.64	292 9 42.82	46.095	+ 8.42	−2 30.2	21 51 40.88	.....	+73 16 14.0	....
3	π Leonis	9	55 7.47	+ 0.32	**+12.64**	30 21 46.58	44.545	+ 8.42	+ 36.3	9 55 20.43	.....	+ 8 29 11.0	....
4	193 G. Hydræ	9	59 52.58	+ 0.30	+12.64	62 39 48.68	44.480	+ 8.42	+1 59.3	10 0 5.52	− 2.28	−23 50 12.5	+ 3.0
5	λ Hydræ	9	5 52.62	+ 0.32	**+12.62**	50 43 49.25	45.292	+ 8.42	+1 15.6	10 6 5.58	.....	−11 53 48.0	....
6	32 Ursæ Majoris	9	11 8.03	+ 0.21	+12.64	333 17 46.90	45.707	+ 8.42	− 31.0	10 11 20.88	.....	+65 33 51.4	....
7	30 H. Ursæ Majoris	9	17 16.61	+ 0.21	+12.64	332 49 44.80	46.212	+ 8.42	− 31.6	10 17 29.46	.....	+66 1 42.5	....
8	α Antliæ	9	22 42.93	+ 0.28	+12.64	69 23 51.52	46.335	+ 8.42	+2 43.6	10 22 55.85	.....	−30 35 42.0	....
9	226 B. Cephei s. p.	9	30 24.96	+ 0.72	+12.64	294 37 45.45	48.242	+ 8.42	−2 13.5	22 30 38.32	.....	+75 45 22.4	....
10	33 Sextantis	9	36 29.51	+ 0.32	+12.64	40 5 47.50	45.212	+ 8.42	+ 52.0	10 36 42.47	.....	− 1 15 20.9	....
11	42 Leonis Minoris	9	40 31.05	+ 0.32	+12.64	7 41 47.65	43.768	+ 8.42	+ 8.4	10 40 44.01	.....	+31 9 55.5	....
12	ν Hydræ	9	44 51.27	+ 0.32	+12.64	54 31 51.88	46.620	+ 8.42	+1 26.7	10 45 4.23	.....	−15 42 32.0	....
13	6 H¹. Draconis	8	52 22.66	+ 0.01	+12.64	320 35 45.28	47.375	+ 8.42	− 50.5	10 52 35.31	.....	+78 15 34.4	....
14	α Ursæ Majoris	9	57 49.17	+ 0.24	+12.64	336 35 46.48	48.600	+ 8.42	− 26.6	10 58 2.05	.....	+62 14 41.3	....
15	δ Leonis	9	8 58.91	+ 0.32	**+12.62**	17 50	......	....	. ....	11 9 11.87	.....	+21 1	....
16	φ Leonis	9	11 45.02	+ 0.32	+12.64	41 59 49.28	43.508	+ 8.42	+ 55.6	11 11 57.98	− 1.93	− 3 8 47.2	+10.0
17	σ Leonis	9	16 9.38	+ 0.33	**+12.72**	32 17 50.00	47.162	+ 8.42	+ 39.1	11 16 22.35	.....	+ 6 32 5.0	....
18	83 Leonis	9	21 51.78	+ 0.32	+12.64	35 19 49.75	44.648	+ 8.42	+ 43.8	11 22 4.74	.....	+ 3 30 58.0	....
19	ξ Hydræ	9	28 14.42	+ 0.28	+12.64	70 9 51.92	43.168	+ 8.42	+2 50.2	11 28 27.34	.....	−31 20 36.7	....
20	υ Leonis	9	32 0.04	+ 0.32	**+12.70**	39 9 49.58	43.838	+ 8.42	+ 50.4	11 32 13.00	.....	− 0 18 49.9	....
21	3 Draconis	9	37 6.25	+ 0.20	+12.64	331 35 44.38	48.000	+ 8.42	− 33.3	11 37 19.09	.....	+67 15 3.8	....
22	41 H. Cephei s. p.	9	43 16.50	+ 0.60	+12.64	286 11 43.12	47.875	+ 8.42	−3 29.0	23 43 29.74	.....	+67 17 56.2	....
23	Groombridge 4163 s. p.	9	50 6.99	+ 0.69	+12.64	292 47 43.88	45.543	+ 8.42	−2 25.7	23 50 20.32	.....	+73 54 7.0	....
24	b Virginis	9	54 59.79	+ 0.32	+12.64	34 39 48.02	46.938	+ 8.42	+ 42.8	11 55 12.75	− 1.66	+ 4 10 8.4	+12.3
	December 14, Hl.												
25	δ Arietis	9	6 8.87	+ 0.25	**+12.74**	19 30	......	....	. ....	3 6 21.80	.....	+19 22	....
26	ζ Arietis	9	9 23.53	+ 0.25	**+12.78**	18 10	......	....	. ....	3 9 36.46	.....	+20 42	....
27	τ¹ Arietis	9	15 41.83	+ 0.25	**+12.65**	18 4	......	....	. ....	3 15 54.76	.....	+20 48	....
28	ο Tauri	9	19 38.66	+ 0.26	**+12.67**	30 10	......	....	. ....	3 19 51.60	.....	+ 8 42	....
29	ξ Tauri	9	21 57.93	+ 0.26	**+12.66**	29 28	......	....	. ....	3 22 10.87	.....	+ 9 24	....
30	ε Eridani	9	28 22.92	+ 0.27	**+12.60**	48 38	......	....	. ....	3 28 35.87	.....	− 9 46	....
	December 15, M.												
31	39 H. Cephei s. p.	9	27 35.33	+ 1.87	+12.81	305 40	......	....	. ....	23 27 50.01	.....	+86 48	....
32	β Leonis	9	44 7.72	+ 0.28	**+12.83**	23 44	......	....	. ....	11 44 20.81	.....	+15 5	....
33	β Virginis	9	45 39.84	+ 0.29	**+12.83**	36 32	......	....	. ....	11 45 52.94	.....	+ 2 17	....
34	π Virginis	9	55 55.14	+ 0.29	**+12.77**	31 42	......	....	. ....	11 56 8.24	.....	+ 7 7	....
35	ο Virginis	9	0 16.96	+ 0.29	**+12.80**	29 36	......	....	. ....	12 0 30.06	.....	+ 9 14	....
36	6 B. Ursæ Minoris	9	14 0.00	− 2.22	+12.81	310 40	......	....	. ....	12 14 10.59	.....	+88 12	....
	December 18, P.												
37	ζ Andromedæ	9	42 13.66	+ 0.26	**+12.93**	15 5 47.68	43.215	+ 8.90	+ 16.2	0 42 26.92	.....	+23 45 59.9	....
38	1 B. Ursæ Minoris	9	57 50.33	− 1.42	+13.00	310 21 41.68	41.894	+ 8.95	−1 10.0	0 58 1.91	−34.01	+88 32 1.5	−30.9
39	g Piscium	9	5 48.32	+ 0.28	+13.00	7 55 46.15	43.200	+ 8.98	+ 8.4	1 6 1.60	− 2.72	+30 56 9.5	−21.5
40	ζ¹ Piscium	9	8 41.49	+ 0.27	**+13.02**	31 45 47.95	44.295	+ 8.99	+ 37.0	1 8 54.76	.....	+ 7 5 14.1	....
41	l Piscium	9	15 48.26	+ 0.28	+13.00	10 35 47.18	44.830	+ 9.01	+ 11.2	1 16 1.54	− 2.76	+28 15 28.4	−20.3
42	109 G. Sculptoris	9	19 0.48	+ 0.21	+13.00	70 13 51.20	46.522	+ 9.02	+2 45.6	1 19 13.69	− 2.27	−31 25 48.7	− 1.5
43	B. D.+37°293	9	23 32.71	+ 0.28	+13.00	1 23 46.50	45.762	+ 9.03	+ 1.5	1 23 45.99	− 3.01	+37 27 17.4	−22.4
44	B. D.+37°310	9	27 32.03	+ 0.28	+13.00	0 45 46.15	44.060	+ 9.05	+ 0.9	1 27 45.31	− 3.06	+38 5 57.2	−22.4
45	π Piscium	9	31 59.40	+ 0.27	**+12.99**	27 9 47.80	47.350	+ 9.06	+ 30.8	1 32 12.67	.....	+11 40 10.6	....
46	B. D.+38°326	9	36 29.25	+ 0.29	+13.00	359 53 46.20	46.938	+ 9.07	0.0	1 36 42.54	− 3.16	+38 56 52.3	−22.0
47	ο Piscium	9	40 18.32	+ 0.28	**+12.96**	30 9 47.90	43.432	+ 9.09	+ 34.8	1 40 31.60	.....	+ 8 41 36.0	....
48	B. D.+36°320	9	44 6.29	+ 0.29	+13.00	1 53 47.00	44.860	+ 9.10	+ 2.0	1 44 19.58	− 3.18	+36 57 36.9	−21.1
49	ι Draconis s. p.	9	48 28.61	+ 0.40	+13.00	284 5 42.50	45.228	+ 9.11	−3 53.2	13 48 42.01	+ 0.95	+65 10 31.6	+25.5
50	B. D.+39°448	9	53 51.54	+ 0.29	+13.00	358 43 46.45	46.465	+ 9.13	− 1.3	1 54 4.83	− 3.35	+40 7 4.1	−21.2
51	B. D.+38°402	9	58 58.67	+ 0.30	+13.00	359 51 47.10	44.900	+ 9.14	− 0.1	1 59 11.97	− 3.36	+38 59 38.0	−20.6
52	15 Arietis	9	5 17.83	+ 0.29	+13.00	19 47 47.88	43.105	+ 9.16	+ 21.6	2 5 31.12	− 2.96	+19 3 56.6	−15.2
53	4 Ursæ Minoris s. p.	9	8 53.48	+ 0.44	+13.01	296 51 43.28	45.712	+ 9.17	−1 57.4	14 9 6.93	.....	+77 58 39.2	....
54	B. D.+39°521	9	13 43.76	+ 0.30	+13.01	359 25 46.00	47.410	+ 9.19	− 0.5	2 13 57.07	− 3.50	+39 24 42.0	−19.6
55	B. D.+38°472	9	18 16.78	+ 0.31	+13.01	359 55 46.50	44.715	+ 9.20	0.0	2 18 30.10	− 3.52	+38 55 42.6	−19.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 10 3	......	....	21.2
10 36	29.99	21.6	21.5
11 19	......	....	21.8
12 0	30.02	22.3	21.5
18 0 40	29.77	34.4	33.9
1 3	......	....	33.7
1 20	......	....	33.8
1 41	......	....	33.0
1 52	29.78	33.5	32.8
2 10	......	....	32.1

Micrometer bisections are made at II, VI, except as noted below.

2, 6, 13, 23, 49, 53.	Bisections at III, IV, V.
5, 19.	Bisections at II, VI, VII.
7, 14, 21, 22.	Bisections at III, V.
9.	Bisections at b_1, b_5, b_7.
10.	Bisections at IV, VI.
12.	Bisections at II, VII.
38.	Bisections at b_1, b_3, b_5, b_7, b_9.
42.	Bisections at VI, VII.

Notes.

9, 10, 12, 19, 23.	Poor.
39.	Micrometer reading increased 1 rev.
43.	Micrometer reading decreased 1 rev.
46.	Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ξ² Ceti	9	23 2.38	+ 0.28	**+13.01**	30 47 47.62	45.522	+ 9.22	+ 35.8	2 23 15.67	.....	+ 8 2 47.4	....
2	B. D.+36°512	9	27 2.63	+ 0.31	+13.01	1 55 46.45	44.600	+ 9.23	+ 2.1	2 27 15.95	− 3.52	+36 55 43.2	−18.1
3	B. D.+39°582	9	31 20.97	+ 0.31	+13.01	359 21 46.55	44.565	+ 9.24	− 0.6	2 31 34.29	− 3.65	+39 29 46.6	−18.3
4	41 Arietis	6	44 20.62	+ 0.31	**+12.85**	12 0	......	....	. .....	2 44 33.94	.....	+26 52	....
5	η Eridani	4	51 42.60	+ 0.27	**+12.99**	48 6	......	....	. .....	2 51 55.88	.....	− 9 16	....
6	o² Eridani	9	10 49.15	+ 0.28	**+13.00**	46 37 48.82	45.990	+ 9.28	+1 3.6	4 11 2.44	.....	− 7 47 52.1	....
7	γ Tauri	9	14 20.14	+ 0.30	**+12.98**	23 25 48.25	47.265	+ 9.28	+ 26.1	4 14 33.45	.....	+15 24 16.5	....
8	A Draconis s. p.	9	27 52.34	+ 0.35	+13.01	287 51 44.80	46.937	+ 9.28	−3 3.6	16 28 5.70	.....	+68 58 2.5	....
9	258 G. Eridani	9	36 4.41	+ 0.24	+13.01	63 29 49.45	43.453	+ 9.28	+2 0.2	4 36 17.66	− 2.96	−24 39 51.6	+ 0.3
10	ε Aurigæ	8	55 8.87	+ 0.34	+13.01	355 9 45.52	46.283	+ 9.28	− 5.0	4 55 22.22	.....	+43 41 12.7	....
11	Moon I, N	9	15 56.41	+ 0.32	+13.01	17 57 48.12	45.807	+ 8.97	+ 19.6	5 16 9.74	+66.23	+20 52 57.6	....
12	Moon S	.	.. ..	....	.....	18 27 48.58	46.250	+ 8.97	+ 20.2	.. ..	.....	+20 22 43.2	....
	December 18, M.												
13	δ Ursæ Minoris s. p.	9	1 26.83	+ 0.46	+13.08	305 29 43.58	44.968	+ 9.05	−1 24.0	18 1 40.37	.....	+86 36 55.4	....
14	43 Camelopardalis	9	43 35.13	+ 0.28	+13.08	329 51 44.80	46.480	+ 9.17	− 34.9	6 43 48.49	− 7.65	+68 59 38.9	+ 9.8
15	50 Draconis s. p.	6	49 2.97	+ 0.47	+13.08	294 13 45.40	43.740	+ 9.18	−2 13.0	18 49 16.52	.....	+75 19 40.7	....
16	51 H. Cephei	9	57 42.28	− 0.18	+13.08	311 39 44.12	48.178	+ 9.20	−1 7.5	6 57 55.18	.....	+87 11 32.9	....
17	63 Aurigæ	9	5 6.43	+ 0.31	+13.08	359 23 46.12	43.582	+ 9.22	− 0.6	7 5 19.82	.....	+39 28 9.6	....
18	λ Geminorum	9	12 35.05	+ 0.30	**+13.12**	22 8	...	....	. .....	7 12 48.43	.....	+16 42	....
19	29 Canis Majoris	9	14 37.68	+ 0.25	+13.08	63 11 48.85	47.590	+ 9.25	+1 59.4	7 14 51.01	− 2.98	−24 23 24.4	+ 3.2
20	β Canis Minoris	9	21 56.39	+ 0.30	**+13.12**	30 21 47.48	46.388	+ 9.27	+ 35.4	7 22 9.77	.....	+ 8 28 28.1	....
21	108 G. Puppis	9	29 53.89	+ 0.26	+13.08	60 53 50.52	49.025	+ 9.29	+1 48.4	7 30 7.23	− 2.96	−22 5 48.2	+ 3.7
22	f Puppis	8	33 45.26	+ 0.22	+13.08	73 33 49.82	44.372	+ 9.30	+3 22.9	7 33 58.56	− 2.93	−34 45 35.8	+ 2.0
23	β Geminorum	9	39 27.85	+ 0.31	**+13.10**	10 35 46.18	46.485	+ 9.32	+ 11.4	7 39 41.24	.....	+28 14 51.0	....
24	ξ Argus	9	45 12.60	+ 0.25	+13.08	63 27 48.98	42.930	+ 9.33	+2 0.6	7 45 25.93	.....	−24 37 39.3	....
25	ε Draconis s. p.	9	48 12.62	+ 0.45	+13.08	288 .55 43.48	46.860	+ 9.34	−2 53.6	19 48 26.15	.....	+70 2 9.7	....
26	χ Geminorum	9	57 38.65	+ 0.31	**+13.15**	10 47 45.95	45.882	+ 9.36	+ 11.6	7 57 52.04	.....	+28 3 4.8	....
27	ρ Argus	9	3 24.56	+ 0.25	+13.08	62 51 49.82	44.572	+ 9.38	+1 57.6	8 3 37.89	.....	−24 2 15.0	....
28	β Cancri	9	11 18.14	+ 0.30	**+13.08**	29 21 46.90	47.325	+ 9.40	+ 34.1	8 11 31.52	.....	+ 9 28 8.4	....
29	30 Monocerotis	9	20 50.38	+ 0.29	**+13.18**	42 26	......	....	. .....	8 21 3.75	.....	− 3 36	....
30	29 Cancri	9	23 15.76	+ 0.30	+13.08	24 19 46.92	45.618	+ 9.43	+ 27.4	8 23 29.14	− 3.16	+14 30 54.0	+12.5
31	η Cancri	9	27 9.78	+ 0.30	**+13.15**	18 5 47.15	45.198	+ 9.44	+ 19.8	8 27 23.16	.....	+20 45 11.0	....
32	73 Draconis s. p.	9	32 27.17	+ 0.47	+13.09	293 31 43.85	46.275	+ 9.46	−2 17.6	20 32 40.73	.....	+74 38 32.7	....
33	β Pyxidis	9	36 17.18	+ 0.22	+13.09	73 45 50.55	47.222	+ 9.47	+3 26.0	8 36 30.49	− 2.78	−34 58 44.7	+ 1.8
34	a Mali	9	39 40.73	+ 0.22	+13.09	71 39 50.10	44.148	+ 9.48	+3 1.2	8 39 54.04	.....	−32 51 9.3	....
35	γ Pyxidis	9	46 24.52	+ 0.24	+13.09	66 11 48.45	43.072	+ 9.49	+2 16.6	8 46 37.85	− 2.75	−27 21 58.5	+ 3.4
36	220 H¹. Draconis s. p.	5	51 29.64	+ 0.52	+13.09	299 5 42.60	45.292	+ 9.51	−1 48.0	20 51 43.25	.....	+80 12 38.7	....
37	Jupiter I, C	5	2 39.44	+ 0.30	+13.09	21 17 47.80	43.411	+ 9.54	+ 23.7	9 2 52.83	+ 1.53	+17 32 4.2	....
38	Jupiter II	5	2 42.49	+ 0.30	+13.09	... .	......	....	. .....	9 2 55.88	− 1.52	.. ..	....
	December 19, M.												
39	20 Ceti	9	48 13.96	+ 0.29	+ **3.28**	40 29 47.95	43.698	+ 8.38	+ 52.1	0 48 17.57	.....	− 1 38 46.7	....
40	h Piscium	9	52 46.97	+ 0.30	+ 3.32	10 21 46.80	44.302	+ 8.40	+ 11.2	0 52 50.59	− 2.57	+28 29 41.6	−21.4
41	α Sculptoris	9	54 6.15	+ 0.25	+ 3.32	68 39 50.68	46.425	+ 8.40	+2 35.4	0 54 9.72	.....	−29 51 35.0	....
42	μ Cassiopeiæ	9	2 4.69	+ 0.28	+ 3.32	344 23 45.52	44.075	+ 8.43	− 16.9	1 2 8.29	.....	+54 28 15.9	....
43	44 H. Cephei	9	4 15.92	+ 0.14	+ 3.32	319 41 45.30	43.062	+ 8.44	− 51.6	1 4 19.38	− 6.49	+79 11 13.7	−30.4
44	B. D.+38°233	9	13 1.04	+ 0.30	+ 3.33	0 33 48.00	44.105	+ 8.47	+ 0.7	1 13 4.67	− 2.91	+38 17 55.1	−23.2
45	ξ Andromedæ	9	16 51.16	+ 0.30	+ 3.33	353 49 46.98	41.968	+ 8.48	− 6.5	1 16 54.79	− 3.12	+45 2 52.1	−24.7
46	B. D.+38°263	9	21 51.47	+ 0.30	+ 3.33	359 39 46.70	47.410	+ 8.50	− 0.3	1 21 55.10	− 3.02	+39 10 41.8	−23.0
47	η Piscium	9	26 29.39	+ 0.30	+ **3.26**	23 59 49.55	42.102	+ 8.52	+ 27.2	1 26 33.02	.....	+14 52 12.9	....
48	B. D.+39°358	9	30 29.22	+ 0.30	+ 3.33	359 25 47.00	47.330	+ 8.53	− 0.5	1 30 32.85	− 3.10	+39 24 43.6	−22.6
49	τ Andromedæ	9	35 4.73	+ 0.30	+ 3.33	358 43 50.75	47.235	+ 8.55	− 1.3	1 35 8.36	− 3.17	+40 6 42.7	−22.5
50	τ Ceti	9	39 43.61	+ 0.29	+ **3.28**	55 15 49.82	44.058	+ 8.57	+1 27.9	1 39 47.23	.....	−16 25 32.9	....
51	B. D.+38°355	9	43 46.56	+ 0.31	+ 3.33	359 51 47.12	44.872	+ 8.58	− 0.1	1 43 50.20	− 3.22	+38 59 39.1	−21.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 2 32	......	....	32.0
2 56	29.79	33.5	33.0
4 13	......	....	32.0
4 30	29.83	32.9	31.5
4 59	......	....	31.0
5 19	29.84	31.6	31.0
5 57	29.84	31.6	30.8
6 47	29.84	30.7	29.9
7 19	......	....	29.8
7 38	29.85	30.3	....
8 10	......	....	29.9
8 31	29.865	29.8	29.4
8 58	29.87	30.2	29.3
9 10	......	....	29.0
19 0 44	30.10	29.8	29.6
1 11	......	....	29.0
1 33	......	....	29.0

Micrometer bisections are made at II, VI, except as noted below.

6, 19, 24, 40, 42. Bisections at I, II.
8. Bisections at II, IV, VI.
9. Bisections at II, VI, VII.
10. Bisections at IV, V, VI.
11. Bisections at II, III, IV.
12. Bisection at VII.
13, 16, 17, 25. Bisections at III, IV, V.
14, 32. Bisections at III, V.
15, 36. Bisections at III, IV.
21. Bisections at III, VI.
22, 33, 50. Bisections at VI, VII.
37. Z. D. threads A used.
37. Bisections at I, II, VI, VII.
43. Bisections at II, III.

Notes.

3, 46, 48, 51. Observed head north.
4–10. Clouds.
10. Revolutions of micrometer reading assumed.
11. Micrometer reading decreased 1 rev.
33. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+16 43.5	−14 54.0	+ 1.0	+ 1 50.5
12	+17 10.9	+14 54.0	...	+32 4.9
37	+ 0.7	.. ....	...	+ 0.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Arietis (*south*)	9	48 24.72	+ 0.31	+ 3.33	19 59 47.58	46.868	+ 8.60	+ 22.3	1 48 28.36	− 2.84	+18 50 30.7	−16.0
2	B. D.+37°437	9	52 15.65	+ 0.31	+ 3.33	0 51 47.05	44.308	+ 8.61	+ 1.0	1 52 19.29	− 3.26	+37 59 51.0	−20.9
3	B. D.+37°465	9	57 2.86	+ 0.31	+ 3.33	0 43 46.35	49.082	+ 8.63	+ 0.9	1 57 6.50	− 3.31	+38 6 2.7	−20.6
4	α Draconis s. p.	9	1 47.31	+ 0.44	+ 3.33	283 43 41.75	46.432	+ 8.65	−4 3.8	14 1 51.08	.....	+64 48 47.3	....
5	B. D.+36°427	9	5 50.25	+ 0.31	+ 3.33	1 55 46.10	46.172	+ 8.66	+ 2.1	2 5 53.89	− 3.35	+36 55 8.2	−19.7
6	B. D.+38°442	9	9 38.64	+ 0.31	+ 3.33	0 7 46.92	42.788	+ 8.67	+ 0.2	2 9 42.28	− 3.44	+38 44 26.6	−19.9
7	B. D.+39°521	9	13 53.33	+ 0.31	+ 3.33	359 25 46.18	47.430	+ 8.69	− 0.5	2 13 56.97	− 3.49	+39 24 41.9	−19.7
8	B. D.+38°472	9	18 26.42	+ 0.32	+ 3.33	359 55 46.10	44.758	+ 8.71	0.0	2 18 30.07	− 3.52	+38 55 42.5	−19.3
9	ξ² Ceti	9	23 12.08	+ 0.31	+ **3.27**	30 47 47.45	45.578	+ 8.72	+ 36.5	2 23 15.72	.....	+ 8 2 46.0	....
10	B. D.+36°512	9	27 12.29	+ 0.32	+ 3.33	1 55 46.70	44.658	+ 8.74	+ 2.1	2 27 15.94	− 3.52	+36 55 42.1	−18.2
11	ν Arietis	9	33 31.57	+ 0.32	+ **3.34**	17 17 47.70	43.675	+ 8.76	+ 19.1	2 33 35.22	.....	+21 33 46.6	....
12	B. D.+36°543	9	37 33.57	+ 0.32	+ 3.33	2 17 46.08	46.882	+ 8.78	+ 2.5	2 37 37.22	− 3.58	+36 32 51.5	−17.3
13	B. D.+37°634	9	41 38.92	+ 0.32	+ 3.33	1 27 47.38	42.958	+ 8.79	+ 1.6	2 41 42.57	− 3.64	+37 24 20.7	−17.1
14	B. D.+36°582	9	46 22.62	+ 0.32	+ 3.33	2 7 46.75	46.648	+ 8.81	+ 2.4	2 46 26.27	− 3.65	+36 42 56.2	−16.6
15	B. D.+37°662	9	50 9.40	+ 0.32	+ 3.33	0 37 45.75	47.155	+ 8.82	+ 0.8	2 50 13.05	− 3.73	+38 12 47.2	−16.5
16	B. D.+37°675	9	54 18.41	+ 0.32	+ 3.33	1 5 45.78	44.095	+ 8.84	+ 1.2	2 54 22.06	− 3.74	+37 45 56.7	−16.1
17	τ³ Eridani	9	58 16.64	+ 0.29	+ 3.33	62 47 50.25	47.390	+ 8.85	+1 59.0	2 58 20.26	.....	−23 59 20.7	....
18	δ Arietis	9	6 18.23	+ 0.32	+ **3.31**	19 27 46.92	46.500	+ 8.88	+ 21.7	3 6 21.88	.....	+19 22 40.3	....
19	ζ Arietis	9	9 32.95	+ 0.32	+ **3.28**	18 9 47.70	42.600	+ 8.89	+ 20.1	3 9 36.60	.....	+20 42 10.0	....
	December 19, Hl.												
20	Moon N	.	.. ..	....	....	16 29 46.88	47.292	+ 8.67	+ 18.3	.. ..	.....	+22 20 26.5	...
21	Moon II, S.	9	11 44.74	+ 0.31	+ 3.28	16 59 47.25	47.300	+ 8.67	+ 18.9	6 11 48.33	−66.56	+21 50 23.7	....
22	γ Geminorum	9	32 20.44	+ 0.30	+ **3.25**	22 22	......	....	. ....	6 32 24.02	.....	+16 28	....
23	S Monocerotis	9	35 51.29	+ 0.31	+ **3.25**	28 51 48.98	45.485	+ 8.92	+ 34.0	6 35 54.88	.....	+ 9 58 49.1	....
24	α Canis Majoris	9	41 2.44	+ 0.30	+ 3.28	55 25 49.85	43.570	+ 8.94	+1 29.2	6 41 6.02	.....	−16 35 23.1	....
25	θ Geminorum	9	46 40.10	+ 0.30	+ 3.28	4 45 46.50	48.232	+ 8.96	+ 5.2	6 46 43.68	.....	+34 4 17.5	....
26	ε Canis Majoris	9	54 57.74	+ 0.28	+ 3.28	67 39 50.10	44.615	+ 8.99	+2 29.1	6 55 1.30	.....	−28 50 47.3	....
27	Neptune C, C.	9	0 4.40	+ 0.30	+ 3.28	16 57 47.50	46.125	+ 9.01	+ 18.8	7 0 7.98	.....	+21 52 50.8	....
28	25 H. Camelopardalis	9	11 48.23	− 0.30	+ 3.28	316 17 44.15	43.200	+ 9.05	− 58.6	7 11 51.21	.....	+82 35 18.0	....
29	τ Draconis s. p.	9	17 12.11	+ 0.69	+ 3.28	292 3 45.08	48.652	+ 9.07	−2 30.1	19 17 16.08	.....	+73 11 14.6	....
30	α Geminorum (*fol.*)	9	28 40.36	+ 0.30	+ 3.28	6 45 46.28	45.320	+ 9.12	+ 7.4	7 28 43.94	.....	+32 5 21.9	....
31	ο Geminorum	9	32 6.14	+ 0.30	+ 3.29	4 3 48.08	44.645	+ 9.13	+ 4.4	7 32 9.73	− 3.92	+34 47 38.5	+12.4
32	26 Monocerotis	9	36 47.72	+ 0.31	+ 3.29	48 9 49.62	46.485	+ 9.14	+1 8.8	7 36 51.32	.....	− 9 20 9.5	....
33	9 Puppis	9	47 27.37	+ 0.30	+ 3.29	52 29 48.85	43.468	+ 9.18	+1 20.3	7 47 30.96	.....	−13 39 11.4	....
34	χ Geminorum	9	57 48.47	+ 0.30	+ **3.37**	10 47 46.78	45.822	+ 9.22	+ 11.8	7 57 52.06	.....	+28 3 5.3	....
35	ρ Argus	9	3 34.36	+ 0.29	+ 3.29	62 51 49.95	44.458	+ 9.24	+2 0.0	8 3 37.94	.....	−24 2 14.8	....
36	20 Puppis	9	9 2.87	+ 0.30	+ 3.29	54 19 48.38	46.893	+ 9.26	+1 25.9	8 9 6.46	.....	−15 30 34.9	....
37	58 Camelopardalis	9	12 57.30	+ 0.23	+ 3.29	340 49 47.88	45.705	+ 9.27	− 21.3	8 13 0.82	− 4.98	+58 1 39.4	+19.4
38	30 Monocerotis	9	21 0.25	+ 0.31	+ **3.31**	42 25 49.25	47.500	+ 9.30	+ 56.4	8 21 3.85	.....	− 3 36 19.9	....
39	B. D.+60°1139	9	26 52.06	+ 0.22	+ 3.29	338 13 45.52	45.968	+ 9.33	− 24.5	8 26 55.57	− 5.08	+60 37 39.2	+21.0
40	ι Cancri	9	41 3.98	+ 0.30	+ **3.47**	9 44	......	....	. ....	8 41 7.57	.....	+29 5	....
41	ζ Hydræ	9	50 28.08	+ 0.31	+ **3.35**	32 32	......	....	. ....	8 50 31.68	.....	+ 6 17	....
42	α Cancri	9	53 23.58	+ 0.31	+ **3.29**	26 38	......	....	. ....	8 53 27.18	.....	+12 12	....
43	Jupiter I, C.	5	2 34.81	+ 0.30	+ 3.29	21 17 48.30	40.100	+ 9.45	+ 24.1	9 2 38.40	+ 1.50	+17 33 19.0	....
44	Jupiter II	5	2 37.80	+ 0.30	+ 3.29	... .	......	....	. ....	9 2 41.39	− 1.49	.. ..	....
	December 20, Hl.												
45	Sun I, N.	9	48 37.28	+ 0.30	+ 3.35	61 59 49.70	43.415	+ 8.40	+1 52.5	17 48 40.93	+71.19	−23 9 42.1	....
46	Sun II, S.	9	50 59.67	+ 0.30	+ 3.35	62 31 50.08	44.652	+ 8.40	+1 55.1	17 51 3.32	−71.20	−23 42 13.8	....
47	20 Ceti	9	48 13.87	+ 0.31	+ **3.34**	40 30	......	....	. ....	0 48 17.58	.....	− 1 38	....
48	μ Andromedæ	9	51 34.26	+ 0.30	+ 3.40	0 51 48.55	43.688	+ 8.30	+ 1.0	0 51 37.96	.....	+38 0 4.1	....
49	μ Cassiopeiæ	9	2 4.71	+ 0.28	+ 3.40	344 23 45.58	44.090	+ 8.30	− 16.7	1 2 8.39	.....	+54 28 15.4	....
50	44 H. Cephei	7	4 15.93	+ 0.03	+ 3.40	319 41 45.30	43.030	+ 8.30	− 50.8	1 4 19.36	− 6.40	+79 11 14.2	−30.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 1 55	30.10	29.0	29.3
2 22	......	....	28.4
2 44	......	....	27.7
3 12	30.10	27.7	27.0
6 4	30.095	25.1	24.8
6 13	......	....	25.0
6 28	......	....	25.0
6 51	30.08	25.2	24.8
7 4	......	....	25.0
7 23	......	....	25.0
7 43	......	....	24.2
7 53	30.09	24.8	....
8 7	......	....	24.0
8 30	30.08	24.7	24.0
9 8	30.07	24.3	24.0
20 17 51	30.04	36.0	36.2
0 41	30.02	33.7	35.0
0 59	......	....	35.0

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at III, IV, V.
18, 23–25, 29–31, 38, 45, 48, 49.	Bisections at I, II.
20.	Bisections at I, II, III.
21.	Bisections at V, VI, VII.
27, 43.	Bisections at I, II, VI, VII.
28.	Bisections at II, IV.
32.	Bisections at I, VI.
33.	Bisections at II, VII.
36.	Bisections at II, VI, VII.
37, 46	Bisections at VI, VII.
43.	Z. D. threads A used.
50.	Bisection at IV.

Notes.

2, 3, 5, 6, 13–16.	Observed head south.
7, 8.	Observed head north.
50.	Clouds.
50.	Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
20	+15 19.0	−14 47.8	+0.1	+ 31.3
21	+15 46.3	+14 47.8	...	+30 34.1
27	+ 0.1	.. ..	...	+ 0.1
43	+ 0.7	.. ..	...	+ 0.7
45	+ 7.9	−16 15.8	...	−16 7.9
46	+ 7.9	+16 15.9	...	+16 23.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ¹ Piscium	9	8 51.06	+ 0.32	+ **3.38**	31 46	......	....	.....	1 8 54.78	.....	+ 7 5	....
	December 20, P.												
2	Moon S.	.	.. ..	....	....	16 39 48.98	46.648	+ 8.31	+ 18.1	.. ..	.....	+22 10 38.8	....
3	Moon II, N.	9	5 20.28	+ 0.23	+ 3.43	16 9 50.42	46.688	+ 8.31	+ 17.5	7 5 23.94	−66.44	+22 40 37.1	....
4	26 Lyncis	9	47 57.47	+ 0.19	+ 3.43	351 3 46.82	44.132	+ 8.84	− 9.4	7 48 1.09	.....	+47 48 5.5	....
5	27 Lyncis	9	1 29.00	+ 0.18	+ 3.43	347 5 46.80	44.030	+ 8.84	− 13.7	8 1 32.61	.....	+51 46 12.1	....
6	58 Camelopardalis	9	12 57.29	+ 0.15	+ 3.43	340 49 45.95	45.785	+ 8.84	− 20.9	8 13 0.87	− 5.03	+58 1 40.0	+19.2
7	30 Monocerotis	9	21 0.18	+ 0.25	+ **3.47**	42 25 49.00	47.590	+ 8.84	+ 55.3	8 21 3.86	.....	− 3 36 20.4	....
8	θ Cancri	9	26 17.31	+ 0.24	+ 3.43	20 25 47.22	47.408	+ 8.84	+ 22.6	8 26 20.98	− 3.26	+18 24 18.2	+13.7
9	73 Draconis s. p.	9	32 36.46	+ 0.68	+ 3.43	293 31 44.95	46.218	+ 8.84	−2 17.4	20 32 40.57	.....	+74 38 32.2	....
10	γ Cancri	9	37 53.96	+ 0.23	+ **3.47**	17 1 48.32	48.525	+ 8.84	+ 18.6	8 37 57.62	.....	+21 47 55.6	....
11	14 Hydræ	9	44 40.59	+ 0.25	+ 3.44	41 55 49.40	46.820	+ 8.84	+ 54.3	8 44 44.28	.....	− 3 6 2.2	....
12	76 Draconis s. p.	9	49 8.59	+ 1.03	+ 3.44	301 3 44.05	47.592	+ 8.84	−1 39.6	20 49 13.06	.....	+82 11 40.4	....
13	κ Ursæ Majoris	9	57 17.12	+ 0.19	+ 3.44	351 19 47.60	46.730	+ 8.84	− 9.1	8 57 20.75	.....	+47 31 5.0	....
14	Jupiter I, C.	5	2 19.74	+ 0.24	+ 3.44	21 15 47.80	42.064	+ 8.84	+ 23.6	9 2 23.42	+ 1.57	+17 34 35.8	....
15	Jupiter II	5	2 22.88	+ 0.24	+ 3.44	... .	......	....	. ....	9 2 26.56	− 1.57	.. ..	....
16	θ Hydræ	9	9 30.78	+ 0.25	+ **3.49**	36 7 49.22	46.690	+ 8.84	+ 44.2	9 9 34.47	.....	+ 2 42 11.1	....
17	40 Lyncis	9	15 23.18	+ 0.22	+ 3.44	4 3 47.80	46.885	+ 8.84	+ 4.4	9 15 26.84	.....	+34 46 47.7	....
18	1 H. Draconis	9	24 0.56	− 0.36	+ 3.44	317 7 44.42	46.997	+ 8.84	− 55.9	9 24 3.64	.....	+81 43 48.8	....
19	10 Leonis Minoris	9	28 31.31	+ 0.22	+ 3.44	2 1 47.42	48.428	+ 8.84	+ 2.2	9 28 34.97	.....	+36 48 15.0	....
20	2 Sextantis	9	33 35.33	+ 0.25	+ 3.44	33 45 48.28	47.588	+ 8.84	+ 40.5	9 33 39.02	− 2.77	+ 5 3 55.2	+13.2
21	14 Leonis Minoris	9	40 45.48	+ 0.20	+ 3.44	353 17 47.48	48.568	+ 8.84	− 7.0	9 40 49.12	− 3.35	+45 32 21.1	+24.2
22	23 Leonis	9	45 59.15	+ 0.24	+ 3.44	25 21 47.75	43.232	+ 8.84	+ 28.7	9 46 2.83	− 2.76	+13 29 47.0	+16.1
23	83 B. Leonis	9	51 29.23	+ 0.24	+ 3.44	29 27 47.92	47.215	+ 8.84	+ 34.3	9 51 32.91	− 2.70	+ 9 22 10.2	+15.0
24	16 Cephei s. p.	9	57 50.45	+ 0.64	+ 3.44	291 37 44.38	47.343	+ 8.84	−2 31.0	21 57 54.53	+ 1.13	+72 44 43.7	−29.6
25	η Leonis	9	2 14.89	+ 0.24	+ **3.36**	21 37 47.18	46.398	+ 8.84	+ 24.1	10 2 18.57	.....	+17 12 39.8	....
26	24 Cephei s. p.	9	7 56.63	+ 0.63	+ 3.44	290 47 43.92	44.433	+ 8.84	−2 37.7	22 8 0.70	.....	+71 53 30.0	....
27	22 Sextantis	9	12 59.33	+ 0.25	+ 3.44	46 25 49.15	47.502	+ 8.84	+1 3.7	10 13 3.02	.....	− 7 36 26.9	....
28	30 H. Ursæ Majoris	9	17 26.37	+ 0.08	+ 3.44	332 49 44.82	46.210	+ 8.84	− 31.0	10 17 29.89	.....	+66 1 41.5	....
29	6 H¹. Draconis	9	52 32.87	− 0.14	+ 3.44	320 35 44.98	47.362	+ 8.84	− 49.6	10 52 36.17	.....	+78 15 33.6	....
30	β Ursæ Majoris	9	56 13.24	+ 0.16	+ 3.44	341 59 47.58	43.923	+ 8.84	− 19.6	10 56 16.84	.....	+56 52 19.7	....
31	χ Leonis	9	0 11.80	+ 0.26	+ **3.45**	30 59 48.40	47.395	+ 8.84	+ 36.5	11 0 15.50	.....	+ 7 50 3.4	....
32	ψ Ursæ Majoris	9	4 25.08	+ 0.21	+ 3.44	353 51 47.18	45.028	+ 8.84	− 6.5	11 4 28.73	.....	+44 59 41.8	....
33	θ Leonis	9	9 20.19	+ 0.25	+ **3.46**	22 53 48.10	48.190	+ 8.84	+ 25.7	11 9 23.89	.....	+15 55 56.4	....
34	ν Ursæ Majoris	9	13 26.04	+ 0.24	+ 3.45	5 15 48.00	44.475	+ 8.84	+ 5.7	11 13 29.73	.....	+33 35 41.3	....
35	ι Leonis	9	19 3.17	+ 0.25	+ 3.45	27 47 48.30	47.242	+ 8.84	+ 32.1	11 19 6.87	− 2.15	+11 2 11.4	+16.7
36	58 Ursæ Majoris	9	25 27.87	+ 0.22	+ 3.45	355 9 45.80	48.028	+ 8.84	− 5.0	11 25 31.54	− 2.12	+43 40 33.1	+26.9
37	ξ Hydræ	9	28 24.13	+ 0.23	+ 3.45	70 9 52.30	43.357	+ 8.84	+2 47.2	11 28 27.81	.....	−31 20 38.8	....
38	γ Cephei s. p.	9	35 29.03	+ 0.76	+ 3.45	295 59 43.28	47.818	+ 8.84	−2 3.4	23 35 33.24	.....	+77 7 21.0	....
39	ζ Crateris	8	40 1.28	+ 0.25	+ 3.45	56 39 51.30	45.362	+ 8.84	+1 32.2	11 40 4.98	.....	−17 50 8.8	....
40	Groombridge 1830	9	47 35.88	+ 0.23	+ 3.45	0 27 48.12	47.548	+ 8.84	+ 0.6	11 47 39.56	.....	+38 22 36.0	....
41	π Virginis	9	56 4.69	+ 0.26	+ **3.42**	31 43 47.85	43.042	+ 8.84	+ 37.6	11 56 8.40	.....	+ 7 7 42.4	....
42	ο Virginis	9	0 26.47	+ 0.26	+ **3.49**	29 35 48.55	45.798	+ 8.84	+ 34.6	12 0 30.18	.....	+ 9 14 41.7	....
43	5 B. Ursæ Minoris	9	14 1.89	− 1.48	+ 3.45	311 55 44.00	45.457	+ 8.84	−1 7.4	12 14 3.86	+ 4.91	+86 56 35.7	+32.9
44	6 Canum Venaticorum	9	21 14.04	+ 0.22	+ 3.45	359 19 47.62	44.992	+ 8.84	− 0.6	12 21 17.71	− 1.52	+39 31 36.3	+25.2
45	8 Canum Venaticorum	9	29 17.39	+ 0.22	+ 3.45	356 59 47.28	45.902	+ 8.84	− 3.1	12 29 21.06	.....	+41 51 18.3	....
	December 21, P.												
46	Sun I, S.	9	53 3.69	+ 0.27	+ 3.45	62 31 50.25	46.950	+ 8.82	+1 54.9	17 53 7.41	+71.25	−23 43 6.3	....
47	Sun II, N.	9	55 26.20	+ 0.27	+ 3.45	61 59 50.60	45.495	+ 8.82	+1 52.3	17 55 29.92	−71.26	−23 10 31.2	....
48	Venus I, C.	9	40 35.36	+ 0.23	+ 3.46	61 49 50.78	46.775	+ 8.37	+1 51.4	19 40 39.05	+ 0.48	−23 0 59.1	....
49	Venus II.	9	40 36.24	+ 0.23	+ 3.46	... .	......	....	. ....	19 40 39.93	− 0.40	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 1 48	30.015	34.0	34.9
6 58	30.03	33.6	34.0
7 6	......	....	34.2
7 46	30.05	33.8	34.0
8 5	......	....	33.3
8 30	......	....	33.0
8 52	30.06	32.9	33.0
9 16	......	....	32.6
9 30	......	....	32.1
9 50	......	....	32.0
10 20	30.08	31.6	32.0
10 50	30.08	31.0	31.2
11 10	......	....	31.0
11 15	......	....	31.0
11 31	30.09	31.0	31.5
11 57	......	....	31.1
12 31	30.125	30.8	31.0
21 17 55	30.21	31.9	40.0
19 42	30.21	40.9	40.5

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at I, II, III.
3.	Bisections at V, VI, VII.
4–6, 13, 21, 28, 29, 32, 36, 44, 45.	Bisections at III, V.
9, 12, 18, 24, 26, 30, 38.	Bisections at III, IV, V.
14.	Z. D. threads A used.
14, 48.	Bisections at I, II, VI, VII.
37.	Bisections at II, VI, VII.
39, 47.	Bisections at VI, VII.
43.	Bisections at b_1, b_3, b_5, b_7, b_9.
46.	Bisections at I, II.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
2	+15 24.3	+14 45.8	...	+30 10.1
3	+14 57.2	−14 45.8	+0.4	+ 11.8
14	+ 0.7	.. ....	...	+ 0.7
46	+ 7.9	+16 17.6	...	+16 25.5
47	+ 7.9	−16 17.5	...	−16 9.6
48	+ 5.2	.. ....	0.0	+ 5.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ε Andromedæ..........	9	33 37.02	+ 0.25	+ **3.43**	10 3 47.38	41.465	+ 8.22	+ 10.8	0 33 40.73	.....	+28 48 46.2	....
2	β Ceti..................	9	38 53.81	+ 0.26	+ **3.40**	57 19 50.08	44.280	+ 8.24	+1 34.1	0 38 57.53	.....	−18 29 44.0	....
3	ζ Andromedæ..........	9	42 23.14	+ 0.26	+ **3.42**	15 5 47.48	43.188	+ 8.25	+ 16.3	0 42 26.86	.....	+23 46 1.2	....
4	32¹ H. Camelopardalis s. p.	9	48 9.38	+ 1.00	+ 3.46	302 47 43.00	45.363	+ 8.27	−1 33.2	12 48 13.84	+ 4.40	+83 54 54.1	+31.8
5	8 Draconis s. p.	9	51 43.04	+ 0.48	+ 3.46	284 51 43.52	43.593	+ 8.28	−3 43.2	12 51 46.98	.....	+65 56 4.4	....
6	e Piscium................	9	3 33.40	+ 0.26	+ 3.46	33 41 49.25	42.955	+ 8.32	+ 40.4	1 3 37.12	− 2.39	+ 5 9 40.9	−13.4
7	τ Piscium................	8	6 31.11	+ 0.26	+ 3.46	9 15 46.70	43.275	+ 8.33	+ 9.9	1 6 34.83	− 2.67	+29 36 6.4	−21.2
8	l Piscium................	9	15 57.73	+ 0.26	+ 3.46	10 35 46.45	44.840	+ 8.36	+ 11.4	1 16 1.45	− 2.73	+28 15 29.3	−20.4
9	δ Cassiopeiæ............	9	19 43.58	+ 0.20	+ 3.46	339 5 44.85	46.200	+ 8.37	− 23.0	1 19 47.24	.....	+59 45 34.2	....
10	B. D.+37°293..........	9	23 42.27	+ 0.26	+ 3.46	1 23 46.25	45.795	+ 8.39	+ 1.5	1 23 45.99	− 2.97	+37 27 17.5	−22.6
11	B. D.+37°310..........	9	27 41.58	+ 0.26	+ 3.46	0 45 46.32	44.088	+ 8.40	+ 0.9	1 27 45.30	− 3.02	+38 5 57.1	−22.5
12	π Piscium................	9	32 8.88	+ 0.26	+ **3.49**	27 9 49.02	47.278	+ 8.41	+ 31.1	1 32 12.60	.....	+11 40 11.3	....
13	B. D.+38°326..........	9	36 38.76	+ 0.26	+ 3.46	359 53 45.98	46.980	+ 8.43	0.0	1 36 42.48	− 3.13	+38 56 52.2	−22.3
14	o Piscium................	9	40 27.79	+ 0.26	+ **3.49**	30 9 47.88	43.410	+ 8.44	+ 35.2	1 40 31.51	.....	+ 8 41 36.7	....
15	B. D.+36°320..........	9	44 15.93	+ 0.26	+ 3.46	1 53 46.38	44.928	+ 8.45	+ 2.1	1 44 19.65	− 3.14	+36 57 36.6	−21.3
16	i Draconis s. p.	8	48 38.36	+ 0.43	+ 3.46	284 5 43.78	45.233	+ 8.47	−3 55.6	13 48 42.25	+ 0.79	+65 10 30.0	+26.4
17	B. D.+39°448..........	9	54 1.06	+ 0.26	+ 3.46	358 43 47.10	46.398	+ 8.49	− 1.3	1 54 4.78	− 3.32	+40 7 5.6	−21.4
18	B. D.+38°402..........	9	59 8.22	+ 0.26	+ 3.46	359 51 47.02	44.868	+ 8.50	− 0.1	1 59 11.94	− 3.33	+38 59 39.4	−20.8
19	15 Arietis................	9	5 27.39	+ 0.26	+ 3.46	19 47 47.65	43.110	+ 8.52	+ 21.8	2 5 31.11	− 2.94	+19 3 57.3	−15.2
20	4 Ursæ Minoris s. p.	9	9 3.02	+ 0.55	+ 3.46	296 51 43.52	45.772	+ 8.53	−1 58.6	14 9 7.03	.....	+77 58 39.0	....
21	B. D.+39°521..........	9	13 53.19	+ 0.26	+ 3.46	359 25 46.98	47.325	+ 8.55	− 0.5	2 13 56.91	− 3.47	+39 24 43.7	−19.9
22	B. D.+38°472..........	9	18 26.28	+ 0.27	+ 3.46	359 55 46.35	44.678	+ 8.57	0.0	2 18 30.01	− 3.50	+38 55 44.3	−19.4
23	ξ² Ceti..................	9	23 11.90	+ 0.27	+ **3.48**	30 47 48.40	45.518	+ 8.58	+ 36.2	2 23 15.63	.....	+ 8 2 46.9	....
24	B. D.+36°512..........	9	27 12.19	+ 0.27	+ 3.47	1 55 46.68	44.615	+ 8.59	+ 2.1	2 27 15.93	− 3.50	+36 55 43.3	−18.3
25	B. D.+39°582..........	9	31 30.54	+ 0.27	+ 3.47	359 21 46.55	44.602	+ 8.61	− 0.6	2 31 34.28	− 3.62	+39 29 46.4	−18.6
26	B. D.+38°539..........	9	35 48.26	+ 0.27	+ 3.47	359 41 46.28	47.538	+ 8.62	− 0.2	2 35 52.00	− 3.64	+39 8 39.1	−18.1
27	B. D.+39°628..........	9	40 4.36	+ 0.27	+ 3.47	358 37 46.75	45.335	+ 8.64	− 1.4	2 40 8.10	− 3.72	+40 13 30.2	−18.0
28	τ Persei..................	9	47 40.16	+ 0.26	+ 3.47	346 27 46.58	46.650	+ 8.66	− 14.5	2 47 43.89	.....	+52 23 13.4	....
29	η Eridani................	9	51 52.13	+ 0.26	+ **3.45**	48 5 49.80	46.195	+ 8.67	+1 7.7	2 51 55.86	.....	− 9 16 1.5	....
30	τ³ Eridani................	9	58 16.38	+ 0.23	+ 3.47	62 47 50.58	47.402	+ 8.70	+1 58.0	2 58 20.08	.....	−23 59 20.2	....
	December 21, Hl.												
31	Neptune C, C..........	9	59 50.36	+ 0.32	+ 3.48	16 57 48.98	45.189	+ 8.95	+ 18.7	6 59 54.16	.....	+21 53 10.9	....
32	Moon II, S............	9	58 19.87	+ 0.33	+ 3.48	17 25 48.98	48.443	+ 8.92	+ 19.4	7 58 23.68	−65.90	+21 23 55.9	....
33	20 Puppis................	9	9 2.68	+ 0.31	+ 3.48	54 19 48.25	46.992	+ 8.92	+1 25.6	8 9 6.47	.....	−15 30 36.1	....
34	58 Camelopardalis........	9	12 57.23	+ 0.27	+ 3.48	340 49 46.98	45.765	+ 8.92	− 21.3	8 13 0.98	− 5.07	+58 1 39.6	+19.1
35	29 Cancri................	9	23 25.42	+ 0.32	+ 3.48	24 19 47.92	45.590	+ 8.92	+ 27.8	8 23 29.22	− 3.24	+14 30 54.0	+12.8
36	η Cancri................	9	27 19.52	+ 0.32	+ **3.47**	18 5 47.62	45.162	+ 8.92	+ 20.1	8 27 23.33	.....	+20 45 11.6	....
37	γ Cancri................	9	37 53.86	+ 0.32	+ **3.51**	17 1 46.85	48.560	+ 8.92	+ 18.9	8 37 57.67	.....	+21 47 56.0	....
38	ι Cancri................	9	41 3.92	+ 0.32	+ **3.57**	9 45 45.52	44.220	+ 8.92	+ 10.6	8 41 7.73	.....	+29 5 44.4	....
39	γ Pyxidis................	9	46 34.17	+ 0.29	+ 3.49	66 11 49.28	43.010	+ 8.92	+2 18.8	8 46 37.95	− 2.83	−27 21 59.3	+ 4.3
40	Jupiter I, C............	5	2 3.71	+ 0.32	+ 3.49	21 15 47.72	38.508	+ 8.92	+ 24.0	9 2 7.52	+ 1.52	+17 35 56.6	....
41	Jupiter II..............	5	2 6.74	+ 0.32	+ 3.49	... .	......	....	. ....	9 2 10.55	− 1.51	.. ..	....
42	θ Hydræ..................	9	9 30.72	+ 0.32	+ **3.51**	36 7 48.55	46.675	+ 8.92	+ 45.0	9 9 34.53	.....	+ 2 42 11.4	....
43	B. A. C. 7504 s. p.	9	17 48.28	+ 1.49	+ 3.49	305 31 43.50	47.045	+ 8.92	−1 25.7	21 17 53.26	.....	+86 39 41.2	....
44	β Cephei s. p.	9	27 22.27	+ 0.57	+ 3.49	289 3 44.00	45.592	+ 8.92	−2 55.8	21 27 26.33	.....	+70 9 38.2	....
45	o Leonis................	9	36 10.34	+ 0.32	+ **3.49**	28 31 49.10	45.895	+ 8.92	+ 33.5	9 36 14.15	.....	+10 18 39.9	....
46	ε Leonis................	9	40 33.66	+ 0.32	+ **3.47**	14 39 47.70	43.638	+ 8.92	+ 16.2	9 40 37.47	.....	+24 11 49.9	....
47	23 Leonis................	9	45 59.10	+ 0.32	+ 3.49	25 21 46.92	43.242	+ 8.92	+ 29.2	9 46 2.91	− 2.80	+13 29 47.0	+16.2
48	83 B. Leonis..............	9	51 29.19	+ 0.32	+ 3.49	29 27 47.55	47.210	+ 8.92	+ 34.8	9 51 33.00	− 2.73	+ 9 22 10.3	+15.2
49	η Leonis................	9	2 14.73	+ 0.32	+ **3.47**	21 37 46.82	46.392	+ 8.92	+ 24.5	10 2 18.54	.....	+17 12 39.9	....
	December 23, M.												
50	μ Andromedæ..........	5	51 34.10	+ 0.09	+ 3.74	0 51 46.70	43.860	+ 7.28	+ 0.9	0 51 37.93	.....	+38 0 3.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 0 31	30.225	[illegible]	36.0
0 55	....	....	35.5
1 10	30.23	34.8	34.8
1 30	....	....	35.1
1 50	....	....	35.0
2 17	....	....	34.7
2 30	30.24	34.0	34.0
2 45	....	....	33.1
3 0	30.23	33.0	33.0
7 0	30.19	29.0	29.0
7 59	30.18	28.4	27.7
8 17	....	....	27.0
8 51	....	....	26.7
8 57	30.18	27.6	26.1
9 34	....	....	26.0
9 50	....	....	26.0
10 9	30.17	26.8	25.8
23 0 46	[illegible]	52.4	51.4

Micrometer bisections are made at II, VI, except as noted below.

4, 5, 16, 20. Bisections at III, IV, V.
6, 19, 33, 35, 37, 39, 42, 48, 50. Bisections at I. II.
9, 28. Bisections at III, V.
31, 40. Bisections at I, II, VI, VII.
32. Bisections at II, III, IV, V, VI.
38, 44, 46. Bisections at VI, VII.
40. Z. D. threads A used.
43. Bisections at b_1, b_3, b_5, b_7.

Notes.

10, 11, 15, 24. Observed head south.
17, 18, 21, 22, 26, 27. Observed head north.
44. Mist.
47. Faint.
50. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
31	+ 0.1	.. ....	...	+ 0.1
32	+16 4.4	+14 44.9	...	+30 49.3
40	+ 0.7	.. ....	...	+ 0.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Sculptoris	9	54 5.88	− 0.02	+ 3.74	68 39 49.75	47.088	+ 7.29	+2 23.1	0 54 9.60	.....	−29 51 35.8	....
2	μ Cassiopeiæ	9	2 4.38	+ 0.08	+ 3.74	344 23 44.55	44.092	+ 7.32	− 15.6	1 2 8.20	.....	+54 28 16.3	....
3	44 H. Cephei	9	4 15.13	− 0.06	+ 3.74	319 41 43.80	42.982	+ 7.33	− 47.5	1 4 18.81	− 6.09	+79 11 14.2	−31.1
4	B. D.+54°241	9	7 18.74	+ 0.08	+ 3.74	343 35 43.92	46.580	+ 7.34	− 16.4	1 7 22.56	− 3.26	+55 15 20.8	−27.7
5	B. D.+38°233	9	13 0.76	+ 0.10	+ 3.74	0 33 45.50	44.155	+ 7.37	+ 0.6	1 13 4.60	− 2.85	+38 17 57.7	−23.4
6	ξ Andromedæ	9	16 50.96	+ 0.09	+ 3.74	353 49 44.75	42.068	+ 7.38	− 6.0	1 16 54.79	− 3.05	+45 2 52.7	−25.0
7	B. D.+38°263	9	21 51.18	+ 0.10	+ 3.74	359 39 45.02	47.490	+ 7.40	− 0.3	1 21 55.02	− 2.96	+39 10 42.8	−23.2
8	η Piscium	9	26 29.09	+ 0.08	+ **3.74**	24 0	......	....	....	1 26 32.91	.....	+14 52	....
9	B. D.+39°358	5	30 29.06	+ 0.10	+ 3.75	359 25 44.95	47.435	+ 7.44	− 0.5	1 30 32.91	− 3.05	+39 24 44.4	−22.8
10	π Piscium	9	32 8.82	+ 0.08	+ **3.71**	27 12	......	....	....	1 32 12.65	.....	+11 40	....
11	τ Andromedæ	9	35 4.49	+ 0.10	+ 3.75	358 43 45.05	47.525	+ 7.46	− 1.2	1 35 8.34	− 3.11	+40 6 42.8	−22.8
12	ν Piscium	8	36 34.16	+ 0.08	+ **3.76**	33 52	......	....	....	1 36 37.99	.....	+ 5 1	....
13	τ Ceti	9	39 43.39	+ 0.04	+ **3.70**	55 16	......	....	....	1 39 47.18	.....	−16 25	....
14	B. D.+38°355	9	43 46.32	+ 0.10	+ 3.75	359 51 45.82	44.935	+ 7.50	− 0.1	1 43 50.15	− 3.16	+38 59 40.1	−22.0
15	γ Arietis (*south*)	9	48 24.46	+ 0.09	+ 3.75	19 59 45.35	47.088	+ 7.52	+ 20.5	1 48 28.30	− 2.80	+18 50 30.8	−16.0
16	B. D.+37°437	9	52 15.34	+ 0.10	+ 3.75	0 51 45.48	44.430	+ 7.53	+ 0.9	1 52 19.19	− 3.22	+37 59 51.0	−21.2
17	B. D.+37°465	9	57 2.57	+ 0.10	+ 3.75	0 43 45.75	49.182	+ 7.55	+ 0.8	1 57 6.42	− 3.26	+38 6 2.1	−20.9
18	B. D.+36°427	9	5 49.93	+ 0.10	+ 3.75	1 55 44.40	46.312	+ 7.59	+ 2.0	2 5 53.78	− 3.30	+36 55 7.9	−20.0
19	B. D.+38°442	9	9 38.36	+ 0.11	+ 3.75	0 7 45.92	42.882	+ 7.61	+ 0.2	2 9 42.22	− 3.39	+38 44 26.5	−20.2
20	B. D.+39°521	9	13 53.09	+ 0.11	+ 3.75	359 25 44.22	47.502	+ 7.62	− 0.5	2 13 56.95	− 3.45	+39 24 43.3	−20.1
21	B. D.+38°472	9	18 26.16	+ 0.11	+ 3.75	359 55 43.95	44.840	+ 7.64	0.0	2 18 30.02	− 3.47	+38 55 43.9	−19.6
22	ξ² Ceti	9	23 11.79	+ 0.09	+ **3.75**	30 48	......	....	....	2 23 15.63	.....	+ 8 2	....
23	B. D.+36°512	9	27 12.01	+ 0.11	+ 3.75	1 55 45.05	44.702	+ 7.68	+ 2.0	2 27 15.87	− 3.48	+36 55 43.9	−18.5
24	ν Arietis	8	33 31.26	+ 0.10	+ **3.79**	17 18	......	....	....	2 33 35.11	.....	+21 33	....
25	B. D.+36°543	9	37 33.27	+ 0.11	+ 3.75	2 17 45.88	46.895	+ 7.72	+ 2.3	2 37 37.13	− 3.55	+36 32 52.6	−17.6
26	B. D.+37°634	7	41 38.69	+ 0.11	+ 3.75	1 27 44.72	43.125	+ 7.74	+ 1.5	2 41 42.55	− 3.61	+37 24 20.6	−17.5
27	B. D.+36°582	9	46 22.33	+ 0.11	+ 3.75	2 7 45.28	46.768	+ 7.76	+ 2.2	2 46 26.19	− 3.62	+36 42 56.2	−17.0
28	B. D.+37°662	9	50 9.14	+ 0.12	+ 3.75	0 37 45.55	47.215	+ 7.78	+ 0.7	2 50 13.01	− 3.70	+38 12 47.2	−17.0
29	B. D.+37°675	9	54 18.12	+ 0.12	+ 3.75	1 5 44.25	44.208	+ 7.80	+ 1.1	2 54 21.99	− 3.72	+37 45 56.8	−16.5
30	τ³ Eridani	9	58 16.40	+ 0.04	+ 3.75	62 47 48.62	47.928	+ 7.81	+1 49.7	2 58 20.19	.....	−23 59 21.0	....
31	δ Arietis	9	6 17.98	+ 0.10	+ **3.76**	19 28	......	....	....	3 6 21.83	.....	+19 22	....
32	ζ Arietis	9	9 32.66	+ 0.11	+ **3.77**	18 9 45.78	42.798	+ 7.86	+ 18.6	3 9 36.52	.....	+20 42 10.0	....
	December 23, Hl.												
33	Moon II, S.	9	40 23.54	+ 0.12	+ 3.71	22 1 45.78	44.551	+ 8.29	+ 23.2	9 40 27.37	−64.08	+16 49 24.9	....
	December 24, Hl.												
34	Sun I, S.	9	6 22.82	+ 0.14	+ 3.75	62 29 47.08	51.755	+ 8.35	+1 50.4	18 6 26.71	+71.34	−23 42 47.9	....
35	Sun II, N.	8	8 45.50	+ 0.14	+ 3.75	61 59 47.92	44.945	+ 8.35	+1 48.0	18 8 49.39	−71.34	−23 10 11.2	....
36	κ Orionis	9	43 20.02	+ 0.22	+ **3.74**	48 32	......	....	....	5 43 24.03	.....	− 9 42	....
37	α Orionis	9	50 7.69	+ 0.23	+ **3.81**	31 28	......	....	....	5 50 11.71	.....	+ 7 23	....
38	1 Geminorum	9	58 27.97	+ 0.22	+ **3.71**	15 36	......	....	....	5 58 31.98	.....	+23 16	....
39	ν Orionis	9	2 15.36	+ 0.23	+ **3.80**	24 4	......	....	....	6 2 19.38	.....	+14 46	....
40	η Geminorum	9	9 15.69	+ 0.22	+ **3.81**	16 20	......	....	....	6 9 19.70	.....	+22 32	....
41	μ Geminorum	9	17 19.95	+ 0.22	+ **3.76**	16 18	......	....	....	6 17 23.96	.....	+22 33	....
	December 24, P.												
42	20 Puppis	9	9 2.62	+ 0.21	+ 3.81	54 19 46.78	47.098	+10.50	+1 23.1	8 9 6.64	.....	−15 30 36.3	....
43	κ Cephei s. p.	8	11 51.50	+ 0.82	+ 3.81	296 19 40.65	44.758	+10.52	−1 59.6	20 11 56.13	.....	+77 26 14.1	....
44	30 Monocerotis	9	20 59.96	+ 0.21	+ **3.83**	42 25 46.62	47.675	+10.58	+ 54.6	8 21 3.98	.....	− 3 36 21.0	....
45	Groombridge 1418	9	27 34.78	− 1.14	+ 3.81	313 29 41.08	45.039	+10.62	−1 2.6	8 27 37.45	−23.14	+85 22 41.7	+21.7
46	γ Cancri	9	37 53.76	+ 0.20	+ **3.81**	17 1 46.60	48.540	+10.69	+ 18.4	8 37 57.77	.....	+21 47 55.5	....
47	γ Pyxidis	9	46 34.03	+ 0.19	+ 3.81	66 11 47.78	43.220	+10.75	+2 14.5	8 46 38.03	− 2.90	−27 22 0.1	+ 5.1
48	76 Draconis s. p.	8	49 7.54	+ 1.14	+ 3.81	301 5 40.15	42.300	+10.76	−1 38.2	20 49 12.49	.....	+82 11 38.9	....
49	10 Ursæ Majoris	9	54 36.24	+ 0.17	+ 3.81	356 41 44.92	47.508	+10.80	− 3.4	8 54 40.22	.....	+42 8 42.3	....
50	145 B. Lyncis	9	0 36.71	+ 0.18	+ 3.81	0 1 44.45	46.338	+10.84	+ 0.1	9 0 40.70	.....	+38 49 5.8	....
51	θ Hydræ	9	9 30.58	+ 0.21	+ **3.84**	36 7 46.90	46.778	+10.90	+ 43.5	9 9 34.60	.....	+ 2 42 10.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 1 11	......	....	51.2
1 42	29.035	50.3	50.7
2 3	......	....	50.0
2 36	......	....	49.6
3 13	29.045	48.8	48.0
9 40	29.18	43.9	44.0
24 18 9	29.41	46.2	45.8
8 8	29.735	34.5	33.8
8 34	......	....	33.9
8 55	......	....	34.9

Micrometer bisections are made at II, VI, except as noted below.

2, 34, 47.	Bisections at I, II.
3, 49.	Bisections at III, V.
4, 6.	Bisections at III, V, VI.
9.	Bisections at I, V.
26.	Bisections at II, VII.
33.	Bisections at II, III, IV, V, VI.
35.	Bisections at VI, VII.
43.	Bisections at b_3, b_5, b_7.
44.	Bisections at II, VI, VII.
45.	Bisections at b_1, b_3, b_5, b_7, b_9.
46.	Bisection at I.
48.	Bisections at b_1, b_3, b_5.

Notes.

1, 9, 24, 26.	Clouds.
5, 23, 25.	Observed head south.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
33	+20 10.3	+14 46.8	...	+34 57.1
34	+ 7.9	+16 18.4	...	+16 26.3
35	+ 7.9	−16 18.3	...	−16 10.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	83 Cancri	9	13 46.62	+ 0.20	+ **3.89**	20 45 44.72	43.765	+10.92	+ 22.6	9 13 50.63	.....	+18 5 41.9	....
2	*h* Mali	9	17 21.34	+ 0.19	+ 3.81	64 23 48.15	44.405	+10.95	+2 3.8	9 17 25.34	.....	−25 34 17.3	....
3	1 H. Draconis	9	24 1.11	− 0.50	+ 3.81	317 7 41.25	46.982	+10.99	− 55.0	9 24 4.42	.....	+81 43 49.1	....
4	*A* Hydræ	9	29 53.02	+ 0.21	+ 3.81	44 19 47.55	47.055	+11.03	+ 58.2	9 29 57.04	− 2.83	− 5 30 11.8	+10.9
5	κ Hydræ	8	35 49.63	+ 0.21	+ 3.81	52 45 45.12	42.532	+11.07	+1 18.3	9 35 53.65	.....	−13 54 46.1	....
6	θ Antliæ	9	40 2.17	+ 0.19	+ 3.81	66 9 46.68	45.155	+11.10	+2 14.4	9 40 6.17	− 2.74	−27 20 43.7	+ 5.1
7	6 Sextantis	9	46 31.62	+ 0.21	+ 3.81	42 39 46.50	43.222	+11.14	+ 54.9	9 46 35.64	.....	− 3 48 40.0	....
8	83 B. Leonis	9	51 29.01	+ 0.21	+ 3.82	29 27 45.45	47.268	+11.17	+ 33.8	9 51 33.04	− 2.82	+ 9 22 9.7	+15.6
9	π Leonis	9	55 16.79	+ 0.21	+ **3.80**	30 21 44.48	44.615	+11.19	+ 35.0	9 55 20.82	.....	+ 8 29 10.1	....
10	193 G. Hydræ	9	0 1.90	+ 0.20	+ 3.82	62 39 47.88	44.632	+11.23	+1 55.1	10 0 5.92	− 2.67	−23 50 13.8	+ 6.0
11	24 Cephei S. P.	9	7 55.71	+ 0.67	+ 3.82	290 47 40.68	44.290	+11.28	−2 35.4	22 8 0.20	.....	+71 53 28.3	....
12	22 Sextantis	9	12 59.04	+ 0.21	+ 3.82	46 25 46.25	47.633	+11.31	+1 2.8	10 13 3.07	.....	− 7 36 28.6	....
13	30 H. Ursæ Majoris	9	17 26.37	+ 0.03	+ 3.82	332 49 41.18	46.215	+11.34	− 30.6	10 17 30.22	.....	+66 1 42.2	....
14	μ Hydræ	9	21 34.11	+ 0.21	+ **3.80**	55 12	......	.....	. ....	10 21 38.14	.....	−16 21	....
15	Moon II, S.	9	29 11.71	+ 0.20	+ 3.82	25 33 44.95	44.878	+11.45	+ 28.7	10 29 15.73	−63.27	+13 17 9.6	....
16	θ Leonis	9	9 20.00	+ 0.21	+ **3.83**	22 53 44.55	48.242	+11.45	+ 25.5	11 9 24.03	.....	+15 55 56.3	....
17	ν Ursæ Majoris	9	13 25.88	+ 0.20	+ 3.82	5 15 44.22	44.565	+11.45	+ 5.6	11 13 29.90	.....	+33 35 40.5	....
18	249 B. Ursæ Majoris	9	17 19.07	+ 0.08	+ 3.82	334 1 42.22	45.780	+11.45	− 29.2	11 17 22.97	.....	+64 49 49.5	....
19	83 Leonis	9	22 1.05	+ 0.22	+ 3.82	35 19 45.08	44.878	+11.45	+ 42.7	11 22 5.09	.....	+ 3 30 55.5	....
20	ξ Hydræ	9	28 23.86	+ 0.18	+ 3.82	70 9 47.05	43.590	+11.45	+2 45.8	11 28 27.86	.....	−31 20 40.1	....
21	ο Hydræ	9	35 33.82	+ 0.18	+ 3.82	73 1 49.02	45.236	+11.45	+3 15.6	11 35 37.82	− 2.30	−34 13 49.3	+ 2.2
22	ζ Crateris	9	40 1.09	+ 0.21	+ 3.82	56 39 47.58	45.522	+11.45	+1 31.4	11 40 5.12	.....	−17 50 10.3	....
23	298 G. Hydræ	9	44 1.42	+ 0.20	+ 3.82	65 1 49.85	48.752	+11.45	+2 9.0	11 44 5.44	− 2.22	−26 14 4.0	+ 4.6
24	Groombridge 4163 S. P.	9	50 15.32	+ 0.67	+ 3.82	292 47 42.60	45.272	+11.45	−2 21.7	23 50 19.81	.....	+73 54 6.5	....
25	π Virginis	9	56 4.43	+ 0.22	+ **3.86**	31 43 46.82	43.062	+11.45	+ 37.3	11 56 8.47	.....	+ 7 7 40.6	....
26	ο Virginis	9	0 26.32	+ 0.22	+ **3.82**	29 35 46.75	45.805	+11.45	+ 34.2	12 0 30.36	.....	+ 9 14 41.1	....
27	5 B. Ursæ Minoris	9	14 3.28	− 1.56	+ 3.83	311 55 41.75	45.408	+11.45	−1 6.7	12 14 5.55	+ 3.04	+86 56 35.7	+33.3
28	6 Canum Venaticorum	9	21 13.89	+ 0.19	+ 3.83	359 19 46.25	44.960	+11.45	− 0.6	12 21 17.91	− 1.68	+39 31 35.7	+26.0
29	20 Comæ Berenices	9	25 0.70	+ 0.21	+ 3.83	17 25 46.68	47.495	+11.45	+ 19.0	12 25 4.74	.....	+21 24 17.7	....
30	κ Draconis	9	29 28.18	+ 0.02	+ 3.83	328 33 43.32	46.910	+11.45	− 36.7	12 29 32.03	.....	+70 17 30.1	....
31	χ Virginis	9	34 24.53	+ 0.22	+ 3.83	46 17 48.82	49.485	+11.45	+1 3.1	12 34 28.58	− 1.88	− 7 29 13.9	+10.2
32	21 Cassiopeiæ S. P.	9	39 29.02	+ 0.68	+ 3.83	293 21 42.58	48.287	+11.45	−2 18.0	0 39 33.53	.....	+74 29 19.1	....
33	*p* Centauri	9	45 36.20	+ 0.18	+ 3.83	72 17 50.32	44.957	+11.45	+3 7.3	12 45 40.21	− 1.97	−33 29 35.9	+ 1.4
	December 25, M.												
34	37 Ursæ Majoris	9	29 9.96	+ 0.20	+ 3.95	341 17 48.20	46.950	+ 9.00	− 20.1	10 29 14.11	− 3.38	+57 33 10.0	+29.0
35	37 Leonis Minoris	9	33 28.01	+ 0.24	+ 3.95	6 23 48.05	45.890	+ 9.00	+ 6.8	10 33 32.20	.....	+32 27 7.4	....
36	34 Sextantis	9	37 47.77	+ 0.24	+ **3.94**	34 47 50.42	42.378	+ 9.00	+ 41.4	10 37 51.96	.....	+ 4 3 51.0	....
37	ν Hydræ	9	45 0.46	+ 0.22	+ 3.95	54 31 51.10	46.925	+ 9.00	+1 23.5	10 45 4.63	.....	−15 42 35.6	....
38	B. D. +57°1296	9	48 36.41	+ 0.20	+ 3.95	341 37 46.72	47.548	+ 9.00	− 19.7	10 48 40.56	− 3.05	+57 12 57.7	+29.6
39	36 H. Cephei S. P.	7	55 2.45	+ 0.95	+ 3.95	302 43 45.42	46.657	+ 9.00	−1 32.1	22 55 7.35	+ 2.86	+83 51 28.0	−32.5
40	B. D. +86°161	9	3 31.50	− 0.70	+ 3.95	312 43 45.48	46.480	+ 9.00	−1 4.2	11 3 34.79	− 8.56	+86 8 7.4	+32.9
41	θ Leonis	9	9 19.94	+ 0.24	+ **3.89**	22 55 49.30	42.950	+ 9.00	+ 25.2	11 9 24.14	.....	+15 55 55.3	....
42	Moon II, S.	9	16 54.79	+ 0.24	+ 3.96	29 43 50.10	46.357	+ 9.00	+ 34.1	11 16 58.99	−62.78	+ 9 6 27.7	....
43	ι Leonis	5	19 2.76	+ 0.24	+ 3.96	27 47 49.95	47.255	+ 9.00	+ 31.5	11 19 6.96	− 2.32	+11 2 9.7	+17.7
44	58 Ursæ Majoris	9	25 27.52	+ 0.23	+ 3.96	355 9 47.48	47.942	+ 9.00	− 5.0	11 25 31.71	− 2.34	+43 40 33.2	+27.6
45	υ Leonis	9	32 9.27	+ 0.23	+ **3.99**	39 8	......	.....	. ....	11 32 13.46	.....	− 0 18	....
46	ο Hydræ	9	35 33.76	+ 0.18	+ 3.96	73 1 51.52	45.362	+ 9.00	+3 13.6	11 35 37.90	− 2.33	−34 13 50.2	+ 2.4
47	ζ Crateris	9	40 0.94	+ 0.22	+ 3.96	56 39 49.90	45.620	+ 9.00	+1 30.5	11 40 5.12	.....	−17 50 11.6	....
48	298 G. Hydræ	9	44 1.29	+ 0.20	+ 3.96	65 3 51.65	43.613	+ 9.00	+2 7.7	11 44 5.45	− 2.26	−26 14 4.7	+ 4.8
49	ο Leonis	9	50 51.54	+ 0.24	+ 3.96	22 41 49.62	44.080	+ 9.00	+ 25.0	11 50 55.74	− 2.10	+16 9 29.1	+19.4
50	π Virginis	9	56 4.31	+ 0.24	+ **3.99**	31 43 49.80	43.075	+ 9.00	+ 36.9	11 56 8.51	.....	+ 7 7 40.4	....
51	14 H¹. Draconis	9	0 29.78	+ 0.01	+ 3.96	321 27 45.75	43.470	+ 9.00	− 47.3	12 0 33.75	− 1.51	+77 24 59.3	+33.2
52	5 B. Ursæ Minoris	9	14 3.39	− 0.93	+ 3.96	311 55 45.28	45.313	+ 9.00	−1 6.1	12 14 6.42	+ 2.57	+86 56 36.1	+33.4
53	6 Canum Venaticorum	9	21 13.74	+ 0.23	+ 3.96	359 19 48.48	44.950	+ 9.00	− 0.6	12 21 17.93	− 1.72	+39 31 36.1	+26.2
54	20 Comæ Berenices	9	25 0.58	+ 0.24	+ 3.96	17 25 48.08	47.592	+ 9.00	+ 18.8	12 25 4.78	.....	+21 24 16.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 9 12	......	....	35.3
9 33	29.76	33.8	35.0
9 52	......	....	34.4
10 10	......	....	34.0
10 30	29.76	32.8	31.5
11 8	29.755	31.5	30.3
11 26	......	....	30.1
11 48	......	....	30.3
12 8	29.79	32.0	30.3
12 30	......	....	30.0
12 47	29.79	31.5	30.0
25 10 24	29.95	35.8	36.3
10 42	......	....	38.6
11 12	......	....	37.9
11 31	29.97	37.0	....
12 5	29.98	37.0	38.3

Micrometer bisections are made at II, VI, except as noted below.

3, 13, 18, 28, 30.	Bisections at III, V.
11, 24, 32, 38–40, 51, 52.	Bisections at III, IV, V.
12, 20, 48.	Bisections at II, VI, VII.
15, 42.	Bisections at II, III, IV, V, VI.
21.	Bisections at I, II, VI, VII.
27.	Bisections at b_1, b_3, b_5, b_7, b_9.
33, 46.	Bisections at I, II, VI.
35, 43, 49.	Bisections at VI, VII.
44, 50.	Bisections at I, II.

Notes.

12. Micrometer reading increased 1 rev.

46, 48. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+23 20.7	+14 51.2	...	+38 11.9
42	+27 4.3	+14 58.3	...	+42 2.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	23 Comæ Berenices.......	9	30 10.67	+ 0.24	+ 3.96	15 41 49.38	48.118	+ 9.00	+ 16.8	12 30 14.87	.....	+23 8 5.4	....
2	330 G. Hydræ.............	9	39 0.81	+ 0.19	+ 3.96	66 37 49.28	45.530	+ 9.00	+2 17.6	12 39 4.96	− 2.00	−27 48 55.9	+ 3.4
3	35 Virginis...............	9	43 4.86	+ 0.24	**+ 3.99**	34 45 49.30	45.850	+ 9.00	+ 41.5	12 43 9.06	.....	+ 4 4 32.7	....
4	31 Comæ Berenices.......	9	47 7.57	+ 0.24	**+ 3.95**	10 47 47.78	47.612	+ 9.00	+ 11.5	12 47 11.77	.....	+28 2 23.9	....
5	8 Draconis...............	9	51 43.04	+ 0.15	+ 3.96	332 55 45.10	45.240	+ 9.00	− 30.4	12 51 47.15	.....	+65 56 2.4	....
	December 26, M.												
6	Sun I, N...............	9	15 15.72	+ 0.18	+ 3.99	61 57 51.15	43.358	+ 9.65	+1 50.2	18 15 19.89	+71.19	−23 7 41.2	....
7	Sun II, S...............	9	17 38.09	+ 0.18	+ 3.99	62 29 50.60	44.598	+ 9.65	+1 52.7	18 17 42.26	−71.18	−23 40 11.9	....
	December 27, P.												
8	226 B. Cephei s. P.	9	30 32.75	+ 0.55	+ 4.10	294 37 46.00	47.773	+ 8.74	−2 5.0	22 30 37.40	.....	+75 45 21.0	....
9	34 Sextantis.............	9	37 47.74	+ 0.20	**+ 4.08**	34 45 49.92	47.675	+ 8.74	+ 40.3	10 37 52.04	.....	+ 4 3 51.9	....
10	42 Leonis Minoris........	9	40 40.29	+ 0.20	+ 4.10	7 41 49.70	43.690	+ 8.74	+ 7.9	10 40 44.59	.....	+31 9 55.2	....
11	ν Hydræ................	9	45 0.54	+ 0.18	+ 4.10	54 31 51.60	47.002	+ 8.74	+1 21.2	10 45 4.82	.....	−15 42 35.3	....
12	6 H¹. Draconis..........	9	52 33.19	− 0.03	+ 4.10	320 35 45.42	47.247	+ 8.74	− 47.4	10 52 37.26	.....	+78 15 33.7	....
13	α Ursæ Majoris..........	7	57 58.78	+ 0.15	+ 4.10	336 35 45.78	48.602	+ 8.74	− 24.9	10 58 3.03	.....	+62 14 39.8	....
14	B. D.+56°1500..........	9	2 32.56	+ 0.17	+ 4.10	342 27 47.92	45.500	+ 8.74	− 18.2	11 2 36.83	− 2.91	+56 23 42.0	+30.0
15	δ Leonis................	9	9 8.09	+ 0.20	**+ 4.09**	17 49 50.00	44.025	+ 8.74	+ 18.7	11 9 12.40	.....	+21 1 36.9	....
16	φ Leonis................	9	11 54.18	+ 0.20	+ 4.11	41 59 51.02	43.695	+ 8.74	+ 52.1	11 11 58.49	− 2.43	− 3 8 50.1	+13.2
17	σ Leonis................	9	16 18.59	+ 0.20	**+ 4.13**	32 17 50.12	47.400	+ 8.74	+ 36.6	11 16 22.90	.....	+ 6 32 1.6	....
18	ι Leonis................	9	19 2.75	+ 0.21	+ 4.11	27 47 51.25	47.255	+ 8.74	+ 30.6	11 19 7.07	− 2.39	+11 2 9.8	+18.0
19	39 H. Cephei s. P.	9	27 40.17	+ 1.30	+ 4.11	305 39 45.25	48.202	+ 8.74	−1 20.1	23 27 45.62	.....	+86 48 14.7	....
20	γ Cephei s. P.	9	35 27.96	+ 0.53	+ 4.11	295 59 45.38	47.488	+ 8.74	−1 57.7	23 35 32.60	.....	+77 7 21.2	....
21	ν Virginis...............	9	41 2.76	+ 0.21	+ 4.11	31 47 50.15	45.600	+ 8.74	+ 36.0	11 41 7.08	− 2.25	+ 7 2 43.3	+16.9
22	β Virginis...............	9	45 49.02	+ 0.21	**+ 4.14**	36 33 50.52	44.425	+ 8.74	+ 43.0	11 45 53.34	.....	+ 2 17 3.0	....
23	Groombridge 1830.....	9	47 35.50	+ 0.22	+ 4.11	0 27 49.15	47.562	+ 8.74	+ 0.5	11 47 39.83	.....	+38 22 34.6	....
24	π Virginis...............	9	56 4.26	+ 0.22	**+ 4.13**	31 44	......	....	.....	11 56 8.59	.....	+ 7 7	....
25	ο Virginis...............	9	0 26.17	+ 0.22	**+ 4.07**	29 35 50.00	45.895	+ 8.74	+ 33.0	12 0 30.50	.....	+ 9 14 39.7	....
26	6 B. Ursæ Minoris.......	9	14 17.72	− 1.12	+ 4.11	310 39 45.25	45.994	+ 8.74	−1 7.2	12 14 20.71	.....	+88 12 21.7	....
27	δ Corvi..................	9	25 0.85	+ 0.19	**+ 4.11**	54 49 51.75	45.508	+ 8.74	+1 22.3	12 25 5.15	.....	−16 0 2.4	....
28	κ Draconis..............	9	29 27.98	+ 0.17	+ 4.11	328 33 45.30	46.930	+ 8.74	− 35.3	12 29 32.26	.....	+70 17 29.0	....
29	9 Canum Venaticorum...	9	34 15.24	+ 0.24	+ 4.11	357 27 50.05	47.405	+ 8.74	− 2.5	12 34 19.59	− 1.64	+41 22 40.7	+26.7
30	330 G. Hydræ............	9	39 0.79	+ 0.16	+ 4.11	66 37 52.58	45.555	+ 8.74	+2 13.8	12 39 5.06	− 2.07	−27 48 55.8	+ 3.7
31	Moon II, S............	9	51 59.73	+ 0.22	+ 4.11	39 23 50.62	48.373	+ 8.74	+ 47.8	12 52 4.06	−63.42	− 0 34 32.3	....
	December 28, P.												
32	1 H¹. Camelopardalis....	9	11 49.51	+ 0.10	+ 4.21	333 34	......	....	.....	3 11 53.82	− 5.93	+65 17	....
33	α Persei................	9	17 40.82	+ 0.15	+ 4.21	349 20	......	....	.....	3 17 45.18	.....	+49 32	....
34	2 H. Camelopardalis.....	9	21 32.81	+ 0.13	+ 4.21	339 14	......	....	.....	3 21 37.15	.....	+59 37	....
35	s Tauri..................	9	25 18.31	+ 0.14	+ 4.22	27 50	......	....	.....	3 25 22.67	− 3.18	+11 0	....
36	δ Eridani................	9	38 46.24	+ 0.11	**+ 4.17**	48 56	......	....	.....	3 38 50.57	.....	−10 4	....
37	δ Orionis................	9	27 14.37	+ 0.12	**+ 4.19**	39 12	......	....	.....	5 27 18.71	.....	− 0 22	....
38	ε Orionis................	9	30 52.02	+ 0.11	**+ 4.20**	44 48	......	....	.....	5 30 56.35	.....	− 5 58	....
39	ζ Orionis................	9	36 2.97	+ 0.12	**+ 4.23**	40 50	......	....	.....	5 36 7.31	.....	− 1 59	....
40	κ Orionis................	9	43 19.63	+ 0.11	**+ 4.27**	48 32	......	....	.....	5 43 23.96	.....	− 9 42	....
41	α Orionis................	9	50 7.34	+ 0.14	**+ 4.29**	31 28	......	....	.....	5 50 11.71	.....	+ 7 23	....
42	1 Geminorum............	9	58 27.58	+ 0.15	**+ 4.21**	15 36	......	....	.....	5 58 31.96	.....	+23 16	....
	December 30, M.												
43	6 B. Ursæ Minoris.......	9	14 19.67	− 0.56	+ 4.53	310 40	......	....	.....	12 14 23.64	.....	+88 12	....
44	δ Corvi..................	9	25 0.59	+ 0.10	**+ 4.56**	54 50	......	....	.....	12 25 5.22	.....	−16 0	....
45	ρ Virginis...............	9	37 7.95	+ 0.15	**+ 4.56**	28 6	......	....	.....	12 37 12.63	.....	+10 44	....
46	35 Virginis..............	9	43 4.59	+ 0.14	**+ 4.53**	34 46	......	....	.....	12 43 9.26	.....	+ 4 4	....
47	31 Comæ Berenices.......	9	47 7.31	+ 0.18	**+ 4.45**	10 48	......	....	.....	12 47 12.02	.....	+28 2	....
48	δ Virginis...............	9	50 52.34	+ 0.14	**+ 4.53**	34 56	......	....	.....	12 50 57.01	.....	+ 3 53	....
49	43 H. Cephei s. P..........	9	55 57.89	+ 0.62	+ 4.53	304 38	......	....	.....	0 56 3.04	.....	+85 46	....
50	θ Virginis...............	9	5 5.26	+ 0.12	**+ 4.54**	43 54	......	....	.....	13 5 9.91	.....	− 5 2	....
51	43 Comæ Berenices.......	9	7 28.91	+ 0.18	**+ 4.54**	10 30	......	....	.....	13 7 33.62	.....	+28 20	....
	December 31, M.												
52	Sun I, S...............	9	37 26.00	+ 0.11	+ 4.54	62 13 51.08	48.268	+ 9.96	+1 52.8	18 37 30.65	+71.07	−23 25 36.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 12 33	......	....	38.1
12 57	30.01	37.3	37.8
26 18 18	30.08	45.0	45.9
27 10 27	29.74	48.0	48.0
10 50	......	....	48.1
11 10	......	....	48.5
11 39	29.74	48.8	48.0
12 5	......	....	47.3
12 30	......	....	47.0
12 53	29.735	47.1	46.7

Micrometer bisections are made at II, VI, except as noted below.

6, 15, 22, 52. Bisections at I, II.
7, 10, 23. Bisections at VI, VII.
8, 12, 20. Bisections at III, IV, V.
13. Bisections at IV, V, VI.
14, 28, 29. Bisections at III, V.
19, 26. Bisections at b_1, b_3, b_5, b_7, b_9.
31. Bisections at II, III, IV, V, VI.

Notes.

16. Micrometer reading decreased 1 rev.
44, 45. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 7.9	−16 15.3	...	−16 7.4
7	+ 7.9	+16 15.4	...	+16 23.3
31	+35 33.2	+15 20.4	...	+50 53.6
52	+ 7.9	+16 16.7	...	+16 24.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun II, N	8	39 48.15	+ 0.11	+ 4.54	61 41 50.95	46.898	+ 9.96	+1 50.2	18 39 52.80	−71.08	−22 53 2.7	....
2	ζ Andromedæ	9	42 21.98	+ 0.18	+ **4.53**	15 5 47.65	43.260	+ 9.12	+ 16.2	0 42 26.72	.....	+23 45 58.7	....
3	32^2 H. Camelopardalis s. p.	9	48 18.02	+ 0.66	+ 4.56	302 47 44.85	44.370	+ 9.12	−1 32.5	12 48 23.24	.....	+83 54 34.7	....
4	8 Draconis s. p.	9	51 42.48	+ 0.36	+ 4.56	284 51 45.20	43.370	+ 9.12	−3 41.6	12 51 47.40	.....	+65 56 3.4	....
5	B. D.+38°176	9	57 18.03	+ 0.19	+ 4.56	359 51 48.50	46.692	+ 9.12	− 0.1	0 57 22.78	− 2.57	+38 58 55.6	−24.0
6	Groombridge 2006 s. p.	5	3 6.14	+ 1.64	+ 4.56	307 1 44.90	43.377	+ 9.12	−1 19.1	13 3 12.34	+16.40	+88 8 25.7	+32.4
7	B. D.+37°248	9	11 38.00	+ 0.19	+ 4.56	0 51 48.05	47.660	+ 9.12	+ 1.0	1 11 42.75	− 2.70	+37 58 32.9	−23.2
8	ξ Andromedæ	9	16 49.79	+ 0.19	+ 4.56	353 49 47.88	41.880	+ 9.12	− 6.4	1 16 54.54	− 2.90	+45 2 52.6	−25.0
9	B. D.+37°292	9	23 37.79	+ 0.19	+ 4.56	1 23 47.72	42.498	+ 9.12	+ 1.5	1 23 42.54	− 2.81	+37 28 30.7	−22.6
10	B. D.+37°310	9	27 40.31	+ 0.19	+ 4.56	0 45 47.00	44.030	+ 9.12	+ 0.9	1 27 45.06	− 2.87	+38 5 57.0	−22.6
11	π Piscium	9	32 7.86	+ 0.17	+ **4.50**	27 9 49.38	47.295	+ 9.12	+ 30.9	1 32 12.59	.....	+11 40 10.1	....
12	B. D.+38°326	9	36 37.52	+ 0.19	+ 4.56	359 53 47.25	46.862	+ 9.12	0.0	1 36 42.27	− 2.97	+38 56 52.9	−22.4
13	ο Piscium	9	40 26.71	+ 0.17	+ **4.56**	30 10	......	....	.....	1 40 31.44	.....	+ 8 41	....
14	B. D.+36°320	9	44 14.73	+ 0.19	+ 4.56	1 53 48.02	44.810	+ 9.12	+ 2.1	1 44 19.48	− 3.00	+36 57 36.9	−21.5
15	*i* Draconis s. p.	9	48 37.58	+ 0.36	+ 4.56	284 5 43.30	45.017	+ 9.12	−3 54.1	13 48 42.50	+ 0.22	+65 10 26.7	+28.7
16	B. D.+39°448	9	53 59.89	+ 0.19	+ 4.56	358 43 47.52	46.378	+ 9.12	− 1.3	1 54 4.64	− 3.17	+40 7 5.0	−21.8
17	B. D.+38°402	9	59 7.03	+ 0.19	+ 4.56	359 51 47.25	44.820	+ 9.12	− 0.1	1 59 11.78	− 3.19	+38 59 39.6	−21.2
18	B. D.+36°420	9	4 0.93	+ 0.19	+ 4.56	2 9 47.50	46.840	+ 9.12	+ 2.3	2 4 5.68	− 3.18	+36 40 50.8	−20.2
19	4 Ursæ Minoris s. p.	9	9 2.89	+ 0.47	+ 4.56	296 51 44.72	45.553	+ 9.12	−1 57.8	14 9 7.92	.....	+77 58 36.7	....
20	B. D.+39°521	9	13 52.07	+ 0.19	+ 4.56	359 25 46.45	47.360	+ 9.12	− 0.5	2 13 56.82	− 3.34	+39 24 42.8	−20.4
21	B. D.+38°472	9	18 25.21	+ 0.19	+ 4.56	359 55 47.45	44.660	+ 9.12	0.0	2 18 29.96	− 3.37	+38 55 43.0	−19.9
22	ξ^2 Ceti	9	23 10.86	+ 0.17	+ **4.54**	30 48	......	....	.....	2 23 15.60	.....	+ 8 2	....
23	B. D.+36°512	9	27 11.02	+ 0.19	+ 4.57	1 55 47.42	44.562	+ 9.12	+ 2.1	2 27 15.78	− 3.39	+36 55 43.2	−18.8
24	B. D.+39°582	9	31 29.33	+ 0.19	+ 4.57	359 21 47.25	44.490	+ 9.12	− 0.6	2 31 34.09	− 3.50	+39 29 47.7	−19.2
25	B. D.+38°539	9	35 47.18	+ 0.19	+ 4.57	359 41 47.52	47.455	+ 9.12	− 0.2	2 35 51.94	− 3.53	+39 8 39.3	−18.5
26	B. D.+39°628	9	40 3.28	+ 0.19	+ 4.57	358 37 48.10	45.222	+ 9.12	− 1.4	2 40 8.04	− 3.60	+40 13 30.9	−18.5
27	B. D.+39°650	9	45 50.56	+ 0.19	+ 4.57	359 5 48.05	45.282	+ 9.12	− 0.9	2 45 55.32	− 3.64	+39 45 29.1	−17.9
28	η Eridani	9	51 50.98	+ 0.14	+ **4.66**	48 6	......	....	.....	2 51 55.69	.....	− 9 16	....
29	ε Arietis (*mean*)	9	53 51.92	+ 0.18	+ **4.60**	17 53 48.55	42.235	+ 9.12	+ 19.5	2 53 56.67	.....	+20 58 17.9	....
30	α Ceti	9	57 23.21	+ 0.16	+ **4.56**	35 7 49.40	43.015	+ 9.12	+ 42.4	2 57 27.94	.....	+ 3 43 36.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
31 18 40	29.97	40.0	39.0
0 38	30.000	36.9	35.7
1 9	......	....	35.4
1 32	30.01	35.9	34.9
2 17	......	....	34.0
2 34	30.00	35.7	....
2 39	......	....	33.9
3 2	30.00	34.8	33.3

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at VI, VII.
3, 4. Bisections at III, V.
6, 19. Bisections at b_3, b_5, b_7.
8. Bisections at I, II.
15. Bisections at III, IV, V.

Notes.

5, 20, 21. Observed head north.
14. Observed head south.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 7.9	−16 16.8	...	−16 8.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	January 2, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N.	9	46 16.57	+ 0.19	+ 4.75	61 33 52.82	44.012	+ 9.90	+1 48.1	18 46 21.51	+70.97	−22 43 55.9	....
2	Sun II, S.	9	48 38.52	+ 0.19	+ 4.75	62 5 51.82	45.355	+ 9.90	+1 50.5	18 48 43.46	−70.98	−23 16 28.5	....
3	ζ Andromedæ	9	42 21.63	+ 0.22	+ **4.81**	15 5 48.70	43.208	+ 9.74	+ 15.9	0 42 26.63	.....	+23 45 58.5	....
4	μ Andromedæ	9	51 32.76	+ 0.22	+ 4.78	0 51 48.10	43.675	+ 9.74	+ 0.9	0 51 37.76	.....	+38 0 3.4	....
5	B. D.+38°176	9	57 17.63	+ 0.22	+ 4.78	359 51 47.50	46.670	+ 9.74	− 0.1	0 57 22.63	+ 0.80	+38 58 56.5	− 4.6
6	g Piscium	9	5 56.43	+ 0.22	+ 4.78	7 53 47.58	48.460	+ 9.74	+ 8.3	1 6 1.43	+ 0.78	+30 56 7.2	− 2.1
7	B. D.+37°248	9	11 37.68	+ 0.22	+ 4.78	0 51 48.35	47.602	+ 9.74	+ 1.0	1 11 42.68	+ 0.72	+37 58 33.3	− 4.2
8	B. D.+37°292	9	23 37.48	+ 0.22	+ 4.78	1 23 48.48	42.425	+ 9.74	+ 1.5	1 23 42.48	+ 0.65	+37 28 31.0	− 3.9
9	B. D.+37°310	9	27 40.04	+ 0.22	+ 4.78	0 45 47.50	43.980	+ 9.74	+ 0.8	1 27 45.04	+ 0.63	+38 5 57.1	− 4.0
10	π Piscium	9	32 7.54	+ 0.21	+ **4.75**	27 9 48.85	47.338	+ 9.74	+ 30.4	1 32 12.53	.....	+11 40 9.5	....
11	B. D.+38°326	9	36 37.29	+ 0.22	+ 4.78	359 53 47.50	46.880	+ 9.74	0.0	1 36 42.29	+ 0.57	+38 56 51.6	− 4.2
12	o Piscium	8	40 26.45	+ 0.21	+ **4.76**	30 10	......	....	. ....	1 40 31.44	.....	+ 8 41	....
13	B. D.+36°320	9	44 14.38	+ 0.22	+ 4.79	1 53 47.70	44.820	+ 9.74	+ 2.0	1 44 19.39	+ 0.54	+36 57 36.5	− 3.5
14	i Draconis s. P.	9	48 37.47	+ 0.44	+ 4.79	284 5 43.70	44.797	+ 9.74	−3 50.7	13 48 42.70	+ 1.86	+65 10 26.1	+11.4
15	B. D.+39°448	9	53 59.61	+ 0.21	+ 4.79	358 43 47.52	46.358	+ 9.74	− 1.2	1 54 4.61	+ 0.46	+40 7 4.7	− 4.3
16	B. D.+38°402	9	59 6.69	+ 0.22	+ 4.79	359 51 47.42	44.808	+ 9.74	− 0.1	1 59 11.70	+ 0.44	+38 59 39.1	− 3.9
17	B. D.+36°420	9	4 0.62	+ 0.22	+ 4.79	2 9 47.68	46.792	+ 9.74	+ 2.3	2 4 5.63	+ 0.43	+36 40 51.2	− 3.2
18	μ Fornacis	9	8 46.19	+ 0.13	+ 4.79	69 57 51.70	46.242	+ 9.74	+2 41.6	2 8 51.11	.....	−31 9 39.4	....
19	B. D.+39°521	9	13 51.80	+ 0.21	+ 4.79	359 25 47.35	47.270	+ 9.74	− 0.5	2 13 56.80	+ 0.36	+39 24 43.4	− 3.8
20	B. D.+38°472	9	18 24.88	+ 0.22	+ 4.79	359 55 47.48	44.600	+ 9.74	0.0	2 18 29.89	+ 0.34	+38 55 43.7	− 3.6
21	ξ² Ceti	9	23 10.55	+ 0.21	+ **4.79**	30 48	......	....	. ....	2 23 15.55	.....	+ 8 2	....
22	B. D.+36°512	9	27 10.72	+ 0.22	+ 4.79	1 55 47.32	44.520	+ 9.74	+ 2.1	2 27 15.73	+ 0.31	+36 55 43.6	− 2.9
23	B. D.+39°582	9	31 29.05	+ 0.21	+ 4.79	359 21 47.75	44.478	+ 9.74	− 0.6	2 31 34.05	+ 0.27	+39 29 46.9	− 3.5
24	B. D.+38°539	9	35 46.84	+ 0.22	+ 4.79	359 41 46.70	47.508	+ 9.74	− 0.2	2 35 51.85	+ 0.25	+39 8 38.3	− 3.3
25	B. D.+39°628	9	40 2.88	+ 0.21	+ 4.79	358 37 47.58	45.245	+ 9.74	− 1.3	2 40 7.88	+ 0.22	+40 13 30.2	− 3.5
26	B. D.+39°650	9	45 50.23	+ 0.21	+ 4.79	359 5 47.95	45.288	+ 9.74	− 0.9	2 45 55.23	+ 0.19	+39 45 28.4	− 3.3
27	η Eridani	9	51 50.73	+ 0.19	+ **4.84**	48 6	......	....	. ....	2 51 55.71	.....	− 9 16	....
28	ε Arietis (*mean*)	9	53 51.67	+ 0.21	+ **4.79**	17 53 48.52	42.220	+ 9.74	+ 19.1	2 53 56.67	.....	+20 58 18.1	....
29	α Ceti	9	57 22.94	+ 0.20	+ **4.77**	35 7 49.80	43.010	+ 9.74	+ 41.6	2 57 27.93	.....	+ 3 43 36.3	....
	January 2, P.												
30	Mercury C, C.	9	24 16.42	+ 0.15	+ 4.82	63 27 51.80	44.485	+ 9.72	+1 59.6	18 24 21.39	0.00	−24 38 17.4	....
	January 3, P.												
31	Sun I.	8	50 41.39	+ 0.15	+ 4.82	61 44	......	....	. ....	18 50 46.36	+71.02	.. ..	....
32	Sun II.	8	53 3.44	+ 0.15	+ 4.82	... .	......	....	. ....	18 53 8.41	−71.03	.. ..	....
33	Venus I, C.	9	48 30.62	+ 0.13	+ 4.83	58 25 48.50	44.939	+ 9.83	+1 37.1	20 48 35.58	+ 0.50	−19 36 2.0	....
34	Venus II.	9	48 31.51	+ 0.13	+ 4.83	... .	......	....	. ....	20 48 36.47	− 0.39	.. ..	....
35	g Piscium	9	5 56.34	+ 0.19	+ 4.86	7 55 47.20	43.150	+ 9.32	+ 8.5	1 6 1.39	+ 0.80	+30 56 9.1	− 2.1
36	B. D.+37°242	9	10 6.71	+ 0.19	+ 4.86	0 51 47.45	43.812	+ 9.32	+ 1.0	1 10 11.76	+ 0.75	+38 0 1.2	− 4.2
37	υ Piscium	9	14 18.62	+ 0.19	+ **4.85**	12 3 47.72	46.408	+ 9.32	+ 13.0	1 14 23.67	.....	+26 46 49.7	....
38	θ Ceti	9	19 19.74	+ 0.17	+ **4.81**	47 29 50.08	45.370	+ 9.32	+1 6.0	1 19 24.77	.....	− 8 39 41.9	....
39	B. D.+37°293	9	23 40.71	+ 0.19	+ 4.87	1 23 46.65	45.762	+ 9.32	+ 1.5	1 23 45.77	+ 0.67	+37 27 16.9	− 4.0
40	B. D.+36°276	9	28 27.29	+ 0.19	+ 4.87	1 59 47.50	44.365	+ 9.32	+ 2.2	1 28 32.35	+ 0.64	+36 51 47.3	− 3.7
41	B. D.+37°335	9	33 18.68	+ 0.20	+ 4.87	0 39 47.45	46.408	+ 9.32	+ 0.8	1 33 23.75	+ 0.61	+38 11 2.1	− 4.1
42	B. D.+37°356	9	38 39.43	+ 0.20	+ 4.87	0 47 46.70	45.015	+ 9.32	+ 0.9	1 38 44.50	+ 0.58	+38 3 34.6	− 4.0
43	B. D.+38°355	9	43 44.88	+ 0.20	+ 4.87	359 51 46.48	44.795	+ 9.32	− 0.1	1 43 49.95	+ 0.54	+38 59 40.8	− 4.2
44	α Trianguli	9	47 44.39	+ 0.20	+ **4.89**	9 43 46.68	43.855	+ 9.32	+ 10.4	1 47 49.46	.....	+29 7 51.6	....
45	B. D.+39°448	9	53 59.52	+ 0.20	+ 4.87	358 43 46.90	46.365	+ 9.32	− 1.3	1 54 4.59	+ 0.48	+40 7 5.7	− 4.3
46	α Draconis s. P.	9	1 46.68	+ 0.44	+ 4.87	283 45 42.05	40.928	+ 9.32	−4 1.8	14 1 51.99	.....	+64 48 44.5	....
47	μ Fornacis	9	8 46.06	+ 0.12	+ 4.87	69 57 51.05	46.082	+ 9.32	+2 45.1	2 8 51.05	.....	−31 9 38.2	....
48	B. D.+39°521	9	13 51.68	+ 0.20	+ 4.87	359 25 46.05	47.318	+ 9.32	− 0.5	2 13 56.75	+ 0.37	+39 24 44.0	− 3.8
49	B. D.+38°472	9	18 24.86	+ 0.21	+ 4.87	359 55 46.50	44.662	+ 9.32	0.0	2 18 29.94	+ 0.35	+38 55 43.7	− 3.6
50	B. D.+37°560	9	23 31.99	+ 0.21	+ 4.87	1 1 47.58	46.860	+ 9.32	+ 1.2	2 23 37.07	+ 0.33	+37 48 51.2	− 3.2
51	B. D.+38°506	9	28 20.14	+ 0.21	+ 4.87	0 31 47.05	44.298	+ 9.32	+ 0.6	2 28 25.22	+ 0.30	+38 19 50.9	− 3.3
52	ν Arietis	9	33 29.95	+ 0.21	+ **4.90**	17 17 47.78	43.605	+ 9.32	+ 18.9	2 33 35.03	.....	+21 33 47.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 18 49	29.95	45.2	45.3
0 36	29.94	42.9	43.1
1 22	......	....	41.0
1 30	29.95	41.2	....
1 41	......	....	40.6
2 7	......	....	40.6
2 12	29.95	40.7	....
2 30	......	....	40.7
3 3	29.965	40.0	41.9
18 24	30.13	39 0	38.1
3 20 49	30.11	39.9	38.8
1 4	30.13	34.2	34.3
1 20	......	....	34.0
1 42	......	....	33.7
1 58	30.135	33.2	33.5
2 20	......	....	33.1

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at I, II.
2.	Bisections at VI, VII.
14, 46.	Bisections at III, IV, V.
18, 30, 47.	Bisections at II, VI, VII.
33.	Bisections at I, II, VI, VII.

Notes.

7–9, 17, 22, 36, 39–41, 50, 51.	Observed head south.
11, 15, 16, 23–26, 43, 45, 48.	Observed head north.
46.	Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 7.9	−16 16.3	...	−16 8.4
2	+ 7.9	+16 16.3	...	+16 24.2
30	+ 5.5	.. ....	0.0	+ 5.5
33	+ 5.2	.. ....	0.0	+ 5.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+36°543	9	37 31.96	+ 0.21	+ 4.87	2 17 47.10	46.738	+ 9.32	+ 2.5	2 37 37.04	+ 0.27	+36 32 53.2	− 2.7
2	B. D.+39°642	9	43 19.36	+ 0.21	+ 4.87	358 45 46.08	44.490	+ 9.32	− 1.2	2 43 24.44	+ 0.21	+40 5 49.3	− 3.5
3	B. D.+37°659	9	48 44.54	+ 0.21	+ 4.87	1 29 46.38	43.750	+ 9.32	+ 1.6	2 48 49.62	+ 0.21	+37 22 3.1	− 2.7
4	B. D.+37°675	9	54 16.74	+ 0.22	+ 4.87	1 5 46.32	43.955	+ 9.32	+ 1.2	2 54 21.83	+ 0.18	+37 45 58.9	− 2.7
5	B. D.+36°640	9	3 32.87	+ 0.22	+ 4.87	1 53 46.68	46.332	+ 9.32	+ 2.1	3 3 37.96	+ 0.14	+36 57 3.3	− 2.3
6	ζ Arietis	9	9 31.36	+ 0.21	+ **4.90**	18 9 47.60	42.532	+ 9.32	+ 19.9	3 9 36.44	.....	+20 42 11.5	....
7	κ Ceti	9	14 26.87	+ 0.21	+ 4.87	35 47 48.92	47.538	+ 9.32	+ 43.8	3 14 31.95	+ 0.16	+ 3 1 51.9	+ 7.1
8	o Tauri	9	19 46.42	+ 0.22	+ **4.88**	30 7 48.05	46.968	+ 9.32	+ 35.2	3 19 51.51	.....	+ 8 42 14.4	....
9	δ Eridani	9	38 45.42	+ 0.21	+ **4.86**	48 53 49.80	47.768	+ 9.32	+1 9.6	3 38 50.51	.....	−10 4 40.0	....
	January 5. M.												
10	B. D.+86°161	9	3 33.44	− 0.73	+ 5.20	312 43 45.58	46.518	+ 9.54	−1 6.0	11 3 37.91	− 4.37	+86 8 7.7	+12.9
11	θ Leonis	9	9 18.91	+ 0.32	+ **5.20**	22 55 48.25	43.040	+ 9.57	+ 26.0	11 9 24.43	.....	+15 55 52.9	....
12	ν Ursæ Majoris	9	13 24.86	+ 0.32	+ 5.20	5 15 48.95	44.545	+ 9.58	+ 5.7	11 13 30.38	.....	+33 35 38.0	....
13	ι Leonis	9	19 1.87	+ 0.32	+ 5.20	27 47 49.68	47.362	+ 9.60	+ 32.4	11 19 7.39	+ 0.44	+11 2 6.3	+ 0.1
14	λ Draconis	9	25 51.68	+ 0.19	+ 5.20	329 1 45.88	45.285	+ 9.63	− 36.6	11 25 57.07	.....	+69 50 6.4	....
15	υ Leonis	9	32 8.31	+ 0.32	+ **5.21**	39 9 49.35	44.078	+ 9.66	+ 49.9	11 32 13.83	.....	− 0 18 55.9	....
16	3 Draconis	9	37 15.29	+ 0.21	+ 5.21	331 35 44.88	48.030	+ 9.67	− 33.0	11 37 20.71	.....	+67 15 1.1	....
17	χ Ursæ Majoris	9	41 5.78	+ 0.30	+ 5.21	350 33 46.10	46.550	+ 9.69	− 10.1	11 41 11.29	.....	+48 17 10.7	....
18	β Virginis	9	45 48.17	+ 0.32	+ **5.17**	36 33 48.38	44.478	+ 9.71	+ 45.4	11 45 53.70	.....	+ 2 17 0.4	....
19	1 Canum Venaticorum	9	10 3.79	+ 0.28	+ 5.21	344 53 46.08	48.380	+ 9.81	− 16.4	12 10 9.28	+ 0.73	+53 56 35.2	+11.2
20	6 B. Ursæ Minoris	7	14 25.07	− 2.44	+ 5.21	310 39 43.68	46.197	+ 9.82	−1 10.9	12 14 27.84	.....	+88 12 21.4	....
21	33 H¹. Virginis	9	23 1.93	+ 0.33	+ 5.21	42 55 49.28	47.430	+ 9.85	+ 57.0	12 23 7.47	+ 0.75	− 4 6 19.7	− 5.7
22	8 Canum Venaticorum	9	29 16.21	+ 0.31	+ 5.21	356 59 47.92	45.920	+ 9.88	− 3.1	12 29 21.73	.....	+41 51 16.1	....
23	χ Virginis	9	34 23.44	+ 0.33	+ 5.21	46 19 50.62	44.310	+ 9.90	+1 4.1	12 34 28.98	+ 0.82	− 7 29 16.9	− 7.0
24	35 Virginis	9	43 3.87	+ 0.33	+ **5.25**	34 45 48.85	45.880	+ 9.94	+ 42.5	12 43 9.41	.....	+ 4 4 30.6	....
25	31 Comæ Berenices	9	47 6.68	+ 0.33	+ **5.15**	10 47 46.90	47.690	+ 9.95	+ 11.8	12 47 12.22	.....	+28 2 21.8	....
26	48 Virginis	9	59 3.43	+ 0.33	+ 5.21	41 59 49.45	46.795	+10.00	+ 55.2	12 59 8.97	+ 0.97	− 3 10 3.8	− 5.6
27	43 Comæ Berenices	9	7 28.25	+ 0.33	+ **5.27**	10 29 47.22	47.210	+10.03	+ 11.4	13 7 33.79	.....	+28 20 32.7	....
28	ζ¹ Ursæ Majoris	9	20 6.68	+ 0.27	+ 5.21	343 27 46.18	44.400	+10.08	− 18.1	13 20 12.16	.....	+55 24 7.3	....
	January 6, M.												
29	Sun I, S.	9	3 53.43	+ 0.38	+ 5.26	61 41 52.15	46.035	+10.61	+1 50.7	19 3 59.07	+70.79	−22 52 44.8	....
30	Sun II, N.	9	6 15.01	+ 0.38	+ 5.26	61 9 52.10	44.702	+10.61	+1 48.2	19 6 20.65	−70.79	−22 20 12.3	....
31	Venus I, C.	9	3 39.71	+ 0.33	+ 5.27	57 23 49.90	46.339	+ 9.95	+1 32.6	21 3 45.31	+ 0.42	−18 34 31.0	....
32	Moon I.	9	58 8.38	+ 0.34	+ 5.27	55 46	......	....	. ....	21 58 13.99	+71.67	.. ..	....
33	τ Piscium	9	6 29.01	+ 0.32	+ 5.30	9 15 47.15	43.275	+ 9.68	+ 9.8	1 6 34.63	+ 0.84	+29 36 4.7	− 1.6
34	B. D.+37°248	9	11 37.07	+ 0.31	+ 5.30	0 51 47.68	47.652	+ 9.68	+ 1.0	1 11 42.68	+ 0.79	+37 58 32.9	− 4.3
35	θ Ceti	9	19 19.06	+ 0.32	+ **5.31**	47 30	......	....	. ....	1 19 24.68	.....	− 8 39	....
36	ω Andromedæ	9	22 2.46	+ 0.30	+ 5.30	353 55 47.10	44.208	+ 9.68	− 6.3	1 22 8.06	+ 0.70	+44 55 59.4	− 6.2
37	B. D.+37°310	9	27 39.41	+ 0.31	+ 5.30	0 45 47.12	43.998	+ 9.68	+ 0.9	1 27 45.02	+ 0.70	+38 5 57.0	− 4.2
38	π Piscium	9	32 6.86	+ 0.32	+ **5.28**	27 10	......	....	. ....	1 32 12.49	.....	+11 40	....
39	o Piscium	9	40 25.75	+ 0.32	+ **5.30**	30 10	......	....	. ....	1 40 31.38	.....	+ 8 41	....
40	B. D.+36°320	9	44 13.80	+ 0.31	+ 5.31	1 53 47.32	44.802	+ 9.68	+ 2.0	1 44 19.42	+ 0.60	+36 57 37.3	− 3.7
41	B. D.+39°448	9	53 58.93	+ 0.31	+ 5.31	358 43 47.65	46.312	+ 9.68	− 1.2	1 54 4.55	+ 0.53	+40 7 5.7	− 4.5
42	B. D.+38°402	9	59 6.06	+ 0.31	+ 5.31	359 51 47.35	44.815	+ 9.68	− 0.1	1 59 11.68	+ 0.51	+38 59 39.1	− 4.1
43	B. D.+36°420	9	4 0.02	+ 0.31	+ 5.31	2 9 47.35	46.782	+ 9.68	+ 2.3	2 4 5.64	+ 0.49	+36 40 51.8	− 3.4
44	γ Trianguli	9	11 44.43	+ 0.32	+ 5.31	5 25 47.58	45.388	+ 9.68	+ 5.8	2 11 50.06	.....	+33 25 19.9	....
45	B. D.+38°472	9	18 24.27	+ 0.31	+ 5.31	359 53 47.12	49.875	+ 9.68	0.0	2 18 29.89	+ 0.40	+38 55 43.6	− 3.8
46	ξ² Ceti	9	23 9.92	+ 0.32	+ **5.27**	30 48	......	....	. ....	2 23 15.55	.....	+ 8 2	....
47	B. D.+36°512	9	27 10.09	+ 0.31	+ 5.31	1 55 47.38	44.520	+ 9.68	+ 2.1	2 27 15.71	+ 0.36	+36 55 43.6	− 3.2
48	B. D.+39°582	9	31 28.38	+ 0.31	+ 5.31	359 21 47.05	44.465	+ 9.68	− 0.6	2 31 34.00	+ 0.32	+39 29 47.9	− 3.8
49	B. D.+38°539	9	35 46.22	+ 0.31	+ 5.31	359 41 47.02	47.448	+ 9.68	− 0.2	2 35 51.84	+ 0.30	+39 8 39.4	− 3.6
50	B. D.+39°628	9	40 2.29	+ 0.31	+ 5.31	358 37 47.78	45.215	+ 9.68	− 1.4	2 40 7.91	+ 0.27	+40 13 30.8	− 3.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 2 46	.....	....	33.0
3 2	30.13	33.2	32.8
3 20	.....	....	32.5
3 40	30.13	32.0	32.1
5 10 56	29.86	23.7	22.9
11 23	.....	....	23.2
11 44	29.85	24.0	23.5
12 26	.....	....	23.6
12 51	29.86	24.2	23.7
13 17	29.86	24.2	23.3
6 19 6	29.83	34.2	35.0
21 4	29.80	38.8	38.0
1 3	29.77	34.9	33.8
1 40	.....	....	33.2
1 50	29.77	34.2	33.1
2 18	.....	....	32.4
2 30	.....	....	32.0

Micrometer bisections are made at II, VI, except as noted below.

10. Bisections at III, IV, V.
14, 16, 19. Bisections at III, V.
20. Bisections at b_5, b_7, b_9.
26. Bisections at II, VI, VII.
29. Bisections at I, II.
30. Bisections at VI, VII.
31. Bisections at I, II, VI, VII.

Notes.

1, 40. Observed head south.
2, 42, 45. Observed head north.
37. Poor.
45. Circle reading decreased 2′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
29	+ 7.9	+16 16.2	...	+16 24.1
30	+ 7.8	−16 16.2	...	−16 8.4
31	+ 5.1	.. ....	0.0	+ 5.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm. Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+39°650	9	45 49.62	+ 0.31	+ 5.31	359 5 47.75	45.260	+ 9.68	− 0.9	2 45 55.24	+ 0.24	+39 45 29.4	− 3.6
2	η Eridani	9	51 50.04	+ 0.32	+ **5.36**	48 5 49.75	46.250	+ 9.68	+1 6.9	2 51 55.67	.....	− 9 16 2.9	....
3	α Ceti	9	57 22.29	+ 0.32	+ **5.27**	35 7 49.02	43.060	+ 9.68	+ 42.2	2 57 27.92	.....	+ 3 43 35.4	....
4	τ¹ Arietis	9	15 48.94	+ 0.32	+ **5.37**	18 1 48.22	45.958	+ 9.68	+ 19.6	3 15 54.57	.....	+20 48 52.5	....
	January 7, P.												
5	B. D.+86°161	9	3 34.11	− 1.02	+ 5.38	312 43 45.25	46.372	+10.67	−1 3.3	11 3 38.47	− 5.10	+86 8 7.6	+12.7
6	θ Leonis	9	9 18.86	+ 0.29	+ **5.34**	22 55 48.05	43.020	+10.70	+ 24.9	11 9 24.54	.....	+15 55 53.5	....
7	ν Ursæ Majoris	9	13 24.76	+ 0.28	+ 5.39	5 15 47.58	44.530	+10.71	+ 5.5	11 13 30.43	.....	+33 35 38.8	....
8	ι Leonis	9	19 1.80	+ 0.29	+ 5.39	27 47 48.92	47.325	+10.75	+ 31.0	11 19 7.48	+ 0.38	+11 2 8.1	+ 0.4
9	λ Draconis	9	25 51.80	+ 0.11	+ 5.39	329 1 44.65	45.262	+10.78	− 35.1	11 25 57.30	.....	+69 50 5.5	....
10	υ Leonis	9	32 8.22	+ 0.30	+ **5.39**	39 9 49.60	44.098	+10.81	+ 47.9	11 32 13.91	.....	− 0 18 55.8	....
11	χ Ursæ Majoris	9	41 5.74	+ 0.25	+ 5.39	350 33 45.85	46.568	+10.86	− 9.7	11 41 11.38	.....	+48 17 9.1	....
12	Groombridge 1830	9	47 34.62	+ 0.27	+ 5.39	0 27 47.08	47.605	+10.89	+ 0.6	11 47 40.28	.....	+38 22 33.6	....
13	π Virginis	9	56 3.27	+ 0.30	+ **5.40**	31 43 48.02	43.212	+10.94	+ 36.4	11 56 8.96	.....	+ 7 7 37.4	....
14	ο Virginis	9	0 25.16	+ 0.30	+ **5.36**	29 35 48.25	45.982	+10.96	+ 33.5	12 0 30.85	.....	+ 9 14 36.8	....
15	6 B. Ursæ Minoris	5	14 26.20	− 2.58	+ 5.39	310 39 42.78	46.095	+11.03	−1 8.3	12 14 29.01	.....	+88 12 20.9	....
16	33 H¹. Virginis	9	23 1.94	+ 0.30	+ 5.39	42 55 49.22	47.468	+11.08	+ 54.9	12 23 7.63	+ 0.69	− 4 6 19.6	− 5.3
17	ρ Virginis	9	37 7.19	+ 0.29	+ **5.46**	28 5 48.98	46.250	+11.15	+ 31.5	12 37 12.87	.....	+10 44 31.5	....
18	35 Virginis	9	43 3.82	+ 0.30	+ **5.40**	34 45 48.22	45.930	+11.18	+ 41.0	12 43 9.51	.....	+ 4 4 30.3	....
19	31 Comæ Berenices	8	47 6.57	+ 0.28	+ **5.38**	10 47 46.08	47.725	+11.20	+ 11.3	12 47 12.24	.....	+28 2 21.2	....
20	α Ursæ Minoris s. p.	9	25 57.44	+ 5.27	+ 5.40	307 41 46.35	45.182	+11.33	−1 16.1	1 26 8.11	.....	+88 49 12.7	....
	January 8, M.												
21	β Crateris	9	7 1.98	+ 0.26	+ 5.57	61 7 51.28	47.608	+10.52	+1 48.2	11 7 7.81	.....	−22 19 17.7	....
22	δ Crateris	9	14 38.36	+ 0.27	+ **5.59**	53 5 49.15	47.510	+10.52	+1 19.5	11 14 44.20	.....	−14 16 44.5	....
23	γ Crateris	9	20 11.01	+ 0.27	+ 5.57	55 59 49.40	46.788	+10.52	+1 28.5	11 20 16.85	+ 0.22	−17 10 37.3	− 8.4
24	e Leonis	9	25 30.68	+ 0.28	+ 5.57	41 19 48.78	46.012	+10.52	+ 52.6	11 25 36.53	+ 0.34	− 2 29 43.1	− 3.8
25	γ Cephei s. p.	7	35 25.27	+ 0.56	+ 5.57	295 59 44.42	47.558	+10.52	−2 1.4	23 35 31.40	.....	+77 7 20.0	....
26	π Virginis	9	56 3.19	+ 0.29	+ **5.52**	31 43 48.18	43.208	+10.52	+ 36.9	11 56 9.06	.....	+ 7 7 37.3	....
27	ο Virginis	9	0 25.03	+ 0.29	+ **5.53**	29 35 48.48	45.945	+10.52	+ 34.0	12 0 30.90	.....	+ 9 14 37.3	....
28	318 B. Cephei s. p.	9	10 51.79	+ 0.55	+ 5.58	295 19 44.45	45.762	+10.52	−2 5.0	0 10 57.92	+ 1.66	+76 26 35.3	−12.6
29	12 Comæ Berenices	9	17 46.41	+ 0.29	+ 5.58	12 29 47.75	45.175	+10.52	+ 13.3	12 17 52.28	.....	+26 21 16.3	....
30	14 Comæ Berenices	9	21 41.58	+ 0.29	+ 5.58	11 3 47.42	47.178	+10.52	+ 11.7	12 21 47.45	+ 0.69	+27 46 32.5	+ 5.4
31	20 Comæ Berenices	9	24 59.45	+ 0.29	+ 5.58	17 25 48.02	47.645	+10.52	+ 18.8	12 25 5.32	.....	+21 24 14.1	....
32	319 B. Cephei s. p.	9	32 39.47	+ 0.69	+ 5.58	300 51 44.42	46.722	+10.52	−1 39.3	0 32 45.74	+ 1.53	+81 59 22.8	−13.3
33	76 Ursæ Majoris	9	37 26.46	+ 0.24	+ 5.58	335 37 44.95	48.220	+10.52	− 26.9	12 37 32.28	.....	+63 12 49.7	....
34	35 Virginis	9	43 3.64	+ 0.28	+ **5.63**	34 45 48.72	45.958	+10.52	+ 41.5	12 43 9.50	.....	+ 4 4 29.3	....
35	31 Comæ Berenices	9	47 6.39	+ 0.29	+ **5.59**	10 48	......	....	.....	12 47 12.26	.....	+28 2	....
36	ε Ursæ Majoris	9	49 52.41	+ 0.26	+ 5.58	342 23 46.92	46.497	+10.52	− 18.9	12 49 58.25	.....	+56 27 19.0	....
37	B. D.+86°187	9	59 17.50	− 0.42	+ 5.58	312 29 45.12	45.297	+10.52	−1 5.0	12 59 22.66	+ 1.29	+86 22 34.1	+14.1
38	43 Comæ Berenices	9	7 28.07	+ 0.29	+ **5.60**	10 29 47.65	47.230	+10.52	+ 11.2	13 7 33.94	.....	+28 20 31.5	....
39	σ Virginis	9	12 50.72	+ 0.29	+ 5.58	32 53 48.68	44.100	+10.52	+ 38.8	13 12 56.59	+ 0.96	+ 5 57 14.5	− 1.8
40	ζ¹ Ursæ Majoris	9	20 6.47	+ 0.27	+ 5.58	343 27 46.52	44.385	+10.52	− 17.7	13 20 12.32	.....	+55 24 6.6	....
41	69 H. Ursæ Majoris	9	24 57.61	+ 0.25	+ 5.58	338 25 45.52	47.572	+10.52	− 23.6	13 25 3.44	.....	+60 25 0.7	....
	January 9, M.												
42	Sun I, N	9	17 1.47	+ 0.30	+ 5.61	60 47 50.82	43.575	+10.04	+1 47.6	19 17 7.38	+70.65	−21 57 43.5	....
43	Sun II, S	9	19 22.77	+ 0.30	+ 5.61	61 19 50.88	44.902	+10.04	+1 50.0	19 19 28.68	−70.65	−22 30 17.0	....
44	Venus I, C	9	18 36.26	+ 0.31	+ 5.62	56 17 48.78	46.032	+ 9.77	+1 30.3	21 18 42.19	+ 0.42	−17 28 20.4	....
45	Moon I, S	9	45 33.92	+ 0.33	+ 5.64	40 27 49.12	43.155	+ 9.47	+ 52.0	0 45 39.89	+65.48	− 1 36 36.4	....
46	τ Piscium	9	6 28.58	+ 0.33	+ 5.65	9 15 47.68	43.235	+ 9.64	+ 10.0	1 6 34.56	+ 0.89	+29 36 4.9	− 1.4
47	B. D.+37°248	9	11 36.58	+ 0.33	+ 5.65	0 51 47.02	47.638	+ 9.68	+ 1.0	1 11 42.56	+ 0.85	+37 58 33.9	− 4.1
48	θ Ceti	9	19 18.73	+ 0.32	+ **5.60**	47 29 49.70	45.378	+ 9.74	+1 6.6	1 19 24.70	.....	− 8 39 42.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 3 18	29.77	32.1	31.4
7 10 58	29.24	33.2	33.5
11 20	......	....	33.0
11 40	......	....	32.7
12 5	29.24	32.9	32.0
12 28	......	....	31.5
12 53	29.25	32.0	31.1
13 34	29.28	31.2	30.8
8 11 9	29.55	30.8	30.7
11 23	......	....	30.6
11 55	29.57	30.6	31.0
12 15	......	....	31.2
12 54	29.60	30.7	30.4
13 27	29.62	30.3	29.8
9 19 19	29.74	31.1	28.9
21 19	29.75	31.8	28.9
0 40	29.83	27.2	25.8
1 9	......	....	25.1
1 17	29.855	25.8	....

Micrometer bisections are made at II, VI, except as noted below.

5, 20. Bisections at b_1, b_3, b_5, b_7, b_9.
9, 11, 33, 41. Bisections at III, V.
12. Bisections at II, VI, VII.
15. Bisections at b_1, b_3, b_5.
17, 21, 43. Bisections at VI, VII.
19. Bisection at II.
25, 40. Bisections at IV, V.
28, 32, 37. Bisections at III, IV, V.
36. Bisections at III, V, VI.
42. Bisections at I, II.
44. Bisections at I, II, VI, VII.
45. Bisections at II, III, IV, V, VI.

Notes.

4, 25. Very poor.
15, 17, 19, 25. Clouds.
21–23. Unsteady.
47. Observed head south.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
42	+ 7.8	−16 16.7	...	−16 8.9
43	+ 7.8	+16 16.8	...	+16 24.6
44	+ 5.1	.. ....	0.0	+ 5.1
45	+37 26.0	+15 48.2	...	+53 14.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+37°310	9	27 38.97	+ 0.34	+ 5.65	0 45 46.18	44.000	+ 9.81	+ 0.9	1 27 44.96	+ 0.76	+38 5 57.8	− 4.0
2	π Piscium	9	32 6.50	+ 0.33	+ **5.59**	27 10	......	......	.....	1 32 12.48	.....	+11 40	....
3	τ Andromedæ	9	35 1.97	+ 0.34	+ 5.65	358 43 46.02	47.360	+ 9.86	− 1.3	1 35 7.96	+ 0.70	+40 6 43.3	− 4.6
4	o Piscium	9	40 25.36	+ 0.34	+ **5.63**	30 10	......	......	.....	1 40 31.35	.....	+ 8 41	....
5	B. D.+36°320	9	44 13.36	+ 0.34	+ 5.65	1 53 46.75	44.855	+ 9.95	+ 2.1	1 44 19.35	+ 0.66	+36 57 36.3	− 3.6
6	i Draconis s. p.	9	48 37.13	+ 0.50	+ 5.65	284 5 43.05	45.153	+ 9.99	−3 58.1	13 48 43.28	+ 1.42	+65 10 26.4	+12.8
7	B. D.+39°448	9	53 58.50	+ 0.34	+ 5.65	358 43 46.90	46.368	+10.03	− 1.3	1 54 4.49	+ 0.59	+40 7 4.9	− 4.5
8	B. D.+38°402	9	59 5.62	+ 0.34	+ 5.65	359 51 46.58	44.808	+10.07	− 0.1	1 59 11.61	+ 0.56	+38 59 39.6	− 4.1
9	B. D.+36°420	9	3 59.60	+ 0.34	+ 5.65	2 9 45.52	46.838	+10.11	+ 2.4	2 4 5.59	+ 0.54	+36 40 51.8	− 3.4
10	B. D.+38°472	9	18 23.81	+ 0.35	+ 5.65	359 55 47.28	44.548	+10.23	0.0	2 18 29.81	+ 0.45	+38 55 44.6	− 3.9
11	ξ^2 Ceti	9	23 9.46	+ 0.34	+ **5.68**	30 48	......	......	.....	2 23 15.45	.....	+ 8 2	....
12	B. D.+36°512	9	27 9.64	+ 0.35	+ 5.65	1 55 46.02	44.518	+10.30	+ 2.1	2 27 15.64	+ 0.41	+36 55 44.4	− 3.2
13	B. D.+39°582	9	31 27.96	+ 0.35	+ 5.65	359 21 46.58	44.485	+10.34	− 0.6	2 31 33.96	+ 0.38	+39 29 47.3	− 3.9
14	B. D.+38°539	9	35 45.78	+ 0.35	+ 5.65	359 41 46.32	47.460	+10.37	− 0.2	2 35 51.78	+ 0.35	+39 8 39.1	− 3.7
15	B. D.+39°628	9	40 1.90	+ 0.35	+ 5.65	358 37 47.08	45.235	+10.41	− 1.4	2 40 7.90	+ 0.32	+40 13 30.4	− 4.0
16	η Eridani	9	51 49.67	+ 0.34	+ **5.68**	48 5 49.80	46.188	+10.51	+1 8.3	2 51 55.66	.....	− 9 16 3.8	....
17	α Ceti	9	57 21.89	+ 0.35	+ **5.61**	35 7 49.18	42.958	+10.56	+ 43.1	2 57 27.89	.....	+ 3 43 35.8	....
18	48 H. Cephei	9	8 32.62	+ 0.20	+ 5.66	321 27 43.52	46.090	+10.64	− 48.6	3 8 38.48	.....	+77 24 0.8	....
19	τ^1 Arietis	9	15 48.58	+ 0.36	+ **5.67**	18 1 47.42	45.932	+10.70	+ 20.0	3 15 54.60	.....	+20 48 52.5	....
20	5 H. Camelopardalis	9	40 33.10	+ 0.27	+ 5.66	327 49 42.00	42.858	+10.90	− 38.5	3 40 39.03	.....	+71 3 6.4	....
	January 9, P.												
21	B. D.+86°161	9	3 35.00	− 1.04	+ 5.63	312 43 41.08	46.578	+12.90	−1 6.9	11 3 39.59	− 5.74	+86 8 8.5	+12.4
22	θ Leonis	9	9 18.57	+ 0.35	+ **5.63**	22 55 43.90	43.028	+12.90	+ 26.3	11 9 24.55	.....	+15 55 53.6	....
23	ν Ursæ Majoris	9	13 24.55	+ 0.34	+ 5.63	5 15 44.00	44.578	+12.90	+ 5.8	11 13 30.52	.....	+33 35 38.8	....
24	γ Crateris	9	20 10.86	+ 0.36	+ 5.64	55 59 45.08	46.670	+12.90	+1 31.9	11 20 16.86	+ 0.19	−17 10 36.0	− 8.2
25	λ Draconis	9	25 51.81	+ 0.13	+ 5.64	329 1 40.80	45.402	+12.90	− 37.1	11 25 57.58	.....	+69 50 6.0	....
26	υ Leonis	9	32 7.94	+ 0.36	+ **5.67**	39 9 45.98	44.022	+12.90	+ 50.6	11 32 13.94	.....	− 0 18 55.2	....
27	ζ Crateris	9	39 59.59	+ 0.36	+ 5.64	56 39 45.98	45.525	+12.90	+1 34.5	11 40 5.59	.....	−17 50 13.4	....
28	298 G. Hydræ	9	43 59.96	+ 0.35	+ 5.64	65 3 46.60	43.537	+12.90	+2 13.3	11 44 5.95	+ 0.26	−26 14 7.4	−11.7
29	π Virginis	9	56 3.05	+ 0.36	+ **5.62**	31 43 44.45	43.170	+12.90	+ 38.5	11 56 9.05	.....	+ 7 7 37.9	....
30	o Virginis	9	0 24.89	+ 0.35	+ **5.64**	29 35 44.18	45.945	+12.90	+ 35.4	12 0 30.88	.....	+ 9 14 37.9	....
31	6 B. Ursæ Minoris	9	14 27.44	− 3.83	+ 5.64	310 39 39.18	46.264	+12.90	−1 12.1	12 14 29.25	.....	+88 12 22.4	....
32	33 H^1. Virginis	9	23 1.62	+ 0.36	+ 5.64	42 55 47.25	47.325	+12.90	+ 57.9	12 23 7.62	+ 0.63	− 4 6 19.4	− 4.9
33	319 B. Cephei s. p.	9	32 38.78	+ 1.46	+ 5.64	300 51 39.75	46.985	+12.90	−1 43.4	0 32 45.88	+ 1.68	+81 59 22.4	−13.3
34	76 Ursæ Majoris	8	37 26.48	+ 0.14	+ 5.64	335 37 41.98	48.330	+12.90	− 28.0	12 37 32.26	.....	+63 12 48.9	....
35	35 Virginis	9	43 3.54	+ 0.36	+ **5.68**	34 45 44.92	45.850	+12.90	+ 43.2	12 43 9.54	.....	+ 4 4 31.5	....
36	31 Comæ Berenices	9	47 6.33	+ 0.32	+ **5.65**	10 47 43.45	47.678	+12.90	+ 11.9	12 47 12.29	.....	+28 2 22.4	....
37	43 H. Cephei s. p.	9	55 51.94	+ 2.54	+ 5.64	304 37 40.00	48.227	+12.90	−1 29.5	0 56 0.12	.....	+85 46 4.9	....
38	14 Canum Venaticorum	9	1 19.61	+ 0.29	+ 5.64	2 33 43.22	45.648	+12.90	+ 2.9	13 1 25.54	+ 0.89	+36 17 18.0	+ 7.8
39	43 Comæ Berenices	9	7 27.99	+ 0.31	+ **5.69**	10 29 43.50	47.210	+12.90	+ 11.6	13 7 33.94	.....	+28 20 33.3	....
40	61 Virginis	8	13 28.45	+ 0.37	+ 5.64	56 37 45.65	44.550	+12.90	+1 34.4	13 13 34.46	.....	−17 47 50.7	....
41	φ Cassiopeiæ s. p.	9	19 18.14	+ 0.85	+ 5.65	286 33 40.80	45.673	+12.90	−3 25.7	1 19 24.64	+ 0.70	+67 39 11.4	−11.4
42	70 Virginis	9	23 48.85	+ 0.34	+ 5.65	24 33 44.70	47.490	+12.90	+ 28.5	13 23 54.84	.....	+14 16 8.9	....
	January 10, P.												
43	Sun I, N	9	21 23.33	+ 0.40	+ 5.65	60 39 51.98	42.492	+10.23	+1 47.8	19 21 29.38	+70.56	−21 49 20.3	....
44	Sun II, S	9	23 44.44	+ 0.40	+ 5.65	61 11 52.62	43.775	+10.23	+1 50.2	19 23 50.49	−70.55	−22 21 53.3	....
45	Venus I, C	9	23 32.33	+ 0.40	+ 5.66	55 55 50.32	43.271	+ 9.56	+1 29.3	21 23 38.39	+ 0.47	−17 5 17.6	....
46	Venus II	9	23 33.17	+ 0.40	+ 5.66	... .	......	.....	.....	21 23 39.23	− 0.37	.. ..	....
47	χ Piscium	9	6 23.39	+ 0.35	+ 5.66	18 17 49.58	46.380	+ 9.62	+ 20.2	1 6 29.40	+ 0.91	+20 32 41.0	+ 1.8
48	Moon I, S	9	36 17.05	+ 0.39	+ 5.66	35 5 49.60	46.402	+ 9.62	+ 42.8	1 36 23.10	+64.64	+ 3 44 18.0	....
49	α Trianguli	9	47 43.38	+ 0.36	+ **5.65**	9 43 48.08	43.795	+ 9.62	+ 10.5	1 47 49.40	.....	+29 7 51.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 1 38	......	....	24.8
1 57	......	....	24.4
2 21	......	....	24.3
2 24	29.88	25.2	....
2 55	......	....	24.0
3 13	29.91	24.9	23.9
3 46	29.92	24.4	23.3
10 58	30.00	19.5	19.6
11 19	......	....	[illegible]
11 38	......	....	19.0
12 7	30.03	19.1	19.0
12 30	......	....	19.0
12 51	30.04	19.5	19.1
13 10	......	....	19.2
13 26	30.04	19.8	19.1
10 19 24	30.15	29.9	29.7
21 24	[illegible]	33.5	33.0
1 4	30.11	30.5	30.5
1 39	30.10	30.1	30.0

Micrometer bisections are made at II, VI, except as noted below.

6, 33, 41. Bisections at III, IV, V.
20, 25. Bisections at III, V.
21, 31, 37. Bisections at b_1, b_3, b_5, b_7, b_9.
22, 32, 44. Bisections at VI, VII.
28. Bisections at II, VI, VII.
34. Bisections at IV, V.
40. Bisections at III, VII.
43. Bisections at I, II.
45. Bisections at I, II, VI, VII.
48. Bisections at II, III, IV, V, VI.

Notes.

1, 9, 12. Observed head south.
7, 13-15. Observed head north.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
43	+ 7.8	−16 16.5	...	−16 8.7
44	+ 7.8	+16 16.5	...	+16 24.3
45	+ 5.1	.. ....	0.0	+ 5.1
48	+32 39.8	+15 34.0	...	+48 13.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Draconis S. P.	9	1 46.02	+ 0.67	+ 5.66	283 43 43.72	46.060	+ 9.62	−4 3.6	14 1 52.35	.....	+64 48 41.9	....
2	μ Fornacis	9	8 44.97	+ 0.36	+ 5.67	69 57 52.08	46.028	+ 9.62	+2 46.3	2 8 51.00	.....	−31 9 39.4	....
3	67 Ceti	9	12 17.06	+ 0.38	+ **5.66**	45 41 50.95	43.550	+ 9.62	+1 2.5	2 12 23.11	.....	− 6 50 58.0	....
4	ξ^2 Ceti	9	23 9.42	+ 0.37	+ **5.68**	30 47 48.95	45.478	+ 9.62	+ 36.4	2 23 15.46	.....	+ 8 2 46.0	....
5	ν Ceti	9	30 56.23	+ 0.38	+ **5.63**	33 39 49.62	43.628	+ 9.62	+ 40.7	2 31 2.28	.....	+ 5 11 23.6	....
6	ν Arietis	9	33 28.91	+ 0.36	+ **5.71**	17 17 49.40	43.520	+ 9.62	+ 19.1	2 33 34.94	.....	+21 33 47.6	....
7	41 Arietis	9	44 27.52	+ 0.36	+ **5.70**	11 57 47.95	46.218	+ 9.62	+ 13.0	2 44 33.55	.....	+26 52 53.2	....
8	η Eridani	9	51 49.59	+ 0.38	+ **5.71**	48 5 50.18	46.192	+ 9.62	+1 8.1	2 51 55.64	.....	− 9 16 3.2	....
9	τ^3 Eridani	9	58 14.02	+ 0.37	+ 5.67	62 47 51.18	47.405	+ 9.62	+1 58.6	2 58 20.06	.....	−23 59 22.3	....
10	12 Eridani	8	8 3.72	+ 0.36	+ 5.67	68 9 51.85	45.595	+ 9.62	+2 31.9	3 8 9.75	.....	−29 21 15.1	....
11	κ Ceti	9	14 25.74	+ 0.38	+ 5.67	35 47 50.35	47.495	+ 9.62	+ 44.1	3 14 31.79	+ 0.22	+ 3 1 50.9	+ 7.6
12	α Persei	9	17 39.02	+ 0.31	+ 5.67	349 19 47.08	44.128	+ 9.62	− 11.4	3 17 45.00	.....	+49 32 6.5	....
13	2 H. Camelopardalis	9	21 30.97	+ 0.25	+ 5.67	339 13 45.72	46.755	+ 9.62	− 23.1	3 21 36.89	.....	+59 37 19.5	....
14	11 H^1. Camelopardalis	9	34 4.34	+ 0.22	+ 5.67	335 55 45.05	47.138	+ 9.62	− 27.2	3 34 10.23	− 0.41	+62 55 15.5	− 8.0
15	ο Persei	9	38 26.71	+ 0.35	+ 5.67	6 51 47.25	44.045	+ 9.62	+ 7.4	3 38 32.73	+ 0.08	+31 59 49.4	− 0.8
16	τ^6 Eridani	7	42 47.50	+ 0.37	+ 5.67	62 19 49.98	47.965	+ 9.62	+1 56.4	3 42 53.54	.....	−23 31 31.9	....
17	ε Persei	9	51 34.64	+ 0.33	+ 5.67	359 5 46.58	47.420	+ 9.62	− 0.9	3 51 40.64	.....	+39 44 41.3	....
18	τ^9 Eridani	9	55 54.34	+ 0.37	+ 5.67	63 5 50.22	46.075	+ 9.62	+2 0.3	3 56 0.38	− 0.19	−24 16 52.7	+13.9
19	λ Persei	9	59 37.78	+ 0.31	+ 5.67	348 45 46.32	44.022	+ 9.62	− 12.1	3 59 43.76	− 0.21	+50 6 10.4	− 4.7
	January 10, M.												
20	π Virginis	9	56 2.90	+ 0.41	+ **5.75**	31 43 47.70	43.228	+10.60	+ 38.0	11 56 9.09	.....	+ 7 7 36.1	....
21	ο Virginis	9	0 24.78	+ 0.41	+ **5.72**	29 35 47.45	46.000	+10.62	+ 34.9	12 0 30.97	.....	+ 9 14 36.1	....
22	318 B. Cephei S. P.	9	10 51.15	+ 0.91	+ 5.78	295 19 42.60	45.952	+10.67	−2 8.6	0 10 57.84	+ 1.83	+76 26 34.4	−12.4
23	c Virginis	9	15 33.91	+ 0.42	+ 5.78	35 1 47.95	43.328	+10.69	+ 43.0	12 15 40.11	+ 0.57	+ 3 49 28.5	− 2.0
24	x^2 Centauri	9	20 24.18	+ 0.41	+ 5.78	73 29 49.80	41.098	+10.71	+3 25.1	12 20 30.37	+ 0.43	−34 40 24.4	−15.0
25	δ Corvi	9	24 59.40	+ 0.42	+ **5.80**	54 49 48.22	45.528	+10.73	+1 27.1	12 25 5.60	.....	−16 0 6.1	....
26	8 Canum Venaticorum	9	29 15.87	+ 0.37	+ 5.78	356 59 46.35	45.980	+10.75	− 3.1	12 29 22.02	.....	+41 51 15.4	....
27	ρ Virginis	9	37 6.83	+ 0.41	+ **5.79**	28 6	......	.....	.....	12 37 13.02	.....	+10 44	....
28	d^2 Virginis	9	40 51.33	+ 0.41	+ 5.78	30 39 46.80	46.055	+10.80	+ 36.5	12 40 57.52	+ 0.72	+ 8 10 33.7	− 0.6
29	31 Comæ Berenices	9	47 6.19	+ 0.39	+ **5.76**	10 48	......	.....	.....	12 47 12.36	.....	+28 2	....
30	ψ Virginis	9	49 27.11	+ 0.42	+ 5.78	47 51 49.65	46.828	+10.83	+1 7.9	12 49 33.31	+ 0.74	− 9 2 18.2	− 6.7
31	B. D. +86°187	9	59 19.17	− 1.15	+ 5.78	312 29 42.85	45.455	+10.88	−1 6.8	12 59 23.80	+ 0.57	+86 22 34.2	+14.1
32	θ Virginis	9	5 4.08	+ 0.42	+ **5.78**	43 53 48.60	43.420	+10.90	+ 59.1	13 5 10.28	.....	− 5 2 50.5	....
33	σ Virginis	9	12 50.42	+ 0.42	+ 5.78	32 53 47.70	44.098	+10.94	+ 39.8	13 12 56.62	+ 0.90	+ 5 57 14.1	− 1.5
34	l Ursæ Minoris	9	18 13.11	− 0.80	+ 5.78	313 37 40.18	47.255	+10.96	−1 4.2	13 18 18.09	+ 1.56	+85 13 53.1	+14.1
35	69 H. Ursæ Majoris	9	24 57.53	+ 0.28	+ 5.78	338 25 44.28	47.655	+10.99	− 24.2	13 25 3.59	.....	+60 25 0.1	....
36	81 Ursæ Majoris	9	30 28.05	+ 0.31	+ 5.78	343 1 44.70	47.505	+11.02	− 18.7	13 30 34.14	+ 1.08	+55 48 57.5	+11.9
37	ω Cassiopeiæ S. P.	9	35 23.73	+ 0.73	+ 5.78	286 29 42.60	44.780	+11.04	−3 24.2	1 35 30.24	.....	+67 34 52.4	....
38	i Centauri	9	40 20.12	+ 0.41	+ 5.79	71 23 49.58	42.497	+11.06	+3 1.4	13 40 26.32	+ 1.09	−32 34 32.7	−14.9
39	89 Virginis	9	44 44.93	+ 0.42	+ **5.78**	56 30	......	.....	.....	13 44 51.14	.....	−17 40	....
40	h Centauri	9	47 47.30	+ 0.41	+ 5.79	70 17 49.90	42.072	+11.09	+2 50.6	13 47 53.50	+ 1.15	−31 28 12.7	−14.5
41	92 Virginis	9	51 39.26	+ 0.42	+ 5.79	37 19 47.60	46.980	+11.11	+ 47.0	13 51 45.47	+ 1.12	+ 1 30 1.0	− 3.0
42	11 Boötis	9	56 52.86	+ 0.39	+ 5.79	11 1 46.40	44.118	+11.13	+ 12.0	13 56 59.04	.....	+27 49 42.5	....
43	π Hydræ	9	1 0.33	+ 0.41	+ 5.79	65 3 49.50	43.782	+11.15	+2 12.0	14 1 6.53	.....	−26 14 12.7	....
	January 11, M.												
44	Sun I, S.	9	25 44.23	+ 0.41	+ 5.81	61 1 50.58	47.225	+10.66	+1 46.6	19 25 50.45	+70.47	−22 13 6.3	....
45	Sun II, N.	9	28 5.17	+ 0.41	+ 5.81	60 29 49.90	45.885	+10.66	+1 44.2	19 28 11.39	−70.47	−21 40 33.3	....
	January 12, P.												
46	τ Andromedæ	8	35 1.97	+ 0.14	+ 5.91	358 43 46.48	47.372	+ 9.30	− 1.2	1 35 8.02	+ 0.76	+40 6 43.1	− 4.4
47	Moon I, S.	9	16 16.31	+ 0.18	+ 5.92	25 41 46.20	46.589	+ 9.30	+ 27.3	3 16 22.41	+64.69	+13 8 32.8	....
48	δ Tauri	9	17 31.59	+ 0.19	+ **5.92**	21 31 47.50	44.108	+ 9.58	+ 22.5	4 17 37.70	.....	+17 19 32.7	....
49	ε Tauri	9	23 8.58	+ 0.19	+ **5.89**	19 51 47.40	46.840	+ 9.62	+ 20.6	4 23 14.69	.....	+18 58 32.2	....
50	α Tauri	9	30 32.41	+ 0.19	+ **5.93**	22 31 47.20	44.458	+ 9.68	+ 23.6	4 30 38.52	.....	+16 19 24.0	....
51	53 Eridani	9	33 52.18	+ 0.17	+ **5.86**	53 19 47.75	43.758	+ 9.70	+1 16.4	4 33 58.27	.....	−14 29 13.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 1 59	.....	....	29.9
2 21	.....	....	29.3
2 45	.....	....	29.0
3 0	30.13	29.5	29.0
3 30	.....	....	28.5
3 48	.....	....	28.1
4 1	30.10	28.2	28.0
11 54	30.04	26.7	25.7
12 18	.....	....	25.4
12 38	30.05	26.2	....
12 54	.....	....	25.2
13 33	30.07	25.7	25.0
14 4	30.07	25.0	24.5
11 19 28	29.95	39.2	42.0
12 1 33	28.95	47.0	46.3
3 18	28.97	46.1	45.9
4 18	[illegible]	45.9	44.8

Micrometer bisections are made at II, VI, except as noted below.

1, 22, 31, 34, 37.	Bisections at III, IV, V.
5, 44, 50.	Bisections at I, II.
7, 10, 16, 45.	Bisections at VI, VII.
12–14, 17, 19, 35, 46.	Bisections at III, V.
38, 43.	Bisections at I, II, VI.
40.	Bisections at II, VI, VII.
47.	Bisections at II, III, IV, V, VI.

Notes.

10, 16, 49.	Clouds.
22.	Micrometer reading increased 1 rev.
37.	Very poor.
48, 51.	Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
44	+ 7.8	+16 16.5	...	+16 24.3
45	+ 7.8	−16 16.5	...	−16 8.7
47	+23 58.7	+15 10.5	...	+39 9.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	τ Tauri	9	36 37.31	+ 0.19	+ **5.93**	16 3 48.65	46.265	+ 9.72	+ 16.5	4 36 43.42	.....	+22 46 48.1	....
2	μ Eridani	9	40 48.20	+ 0.18	+ **5.92**	42 15 48.28	45.668	+ 9.75	+ 51.8	4 40 54.30	.....	− 3 25 33.1	....
3	π³ Orionis	9	44 44.79	+ 0.19	+ **5.88**	32 1 48.28	47.692	+ 9.79	+ 35.7	4 44 50.90	.....	+ 6 47 56.6	....
4	57 H¹. Camelopardalis	9	52 59.32	+ 0.04	+ 5.92	324 55 44.38	45.685	+ 9.85	− 39.9	4 53 5.28	− 1.93	+73 56 1.8	− 6.7
5	ζ Aurigæ	9	55 57.03	+ 0.19	+ 5.92	357 55 46.58	42.630	+ 9.87	− 2.0	4 56 3.14	.....	+40 56 31.6	....
6	μ Aurigæ	9	7 2.07	+ 0.19	+ 5.92	0 27 46.58	47.705	+ 9.95	+ 0.5	5 7 8.18	.....	+38 22 32.9	....
7	λ Leporis	9	15 14.48	+ 0.17	+ 5.93	52 5 47.05	47.132	+10.01	+1 13.4	5 15 20.58	− 0.39	−13 16 27.2	+ 8.9
8	χ Aurigæ	9	26 38.54	+ 0.20	+ 5.93	6 43 45.68	45.150	+10.10	+ 6.8	5 26 44.67	.....	+32 7 25.9	....
9	φ¹ Orionis	9	29 40.31	+ 0.19	+ 5.93	29 25 47.52	43.610	+10.12	+ 32.3	5 29 46.43	− 0.28	+ 9 25 33.7	+ 4.7
10	ζ Leporis	9	42 41.67	+ 0.17	+ 5.93	53 41 47.78	44.435	+10.22	+1 17.8	5 42 47.77	.....	−14 51 30.9	....
11	ξ Aurigæ	9	47 2.94	+ 0.16	+ 5.93	343 9 43.50	46.958	+10.25	− 17.2	5 47 9.03	.....	+55 41 10.6	....
12	η Leporis	9	52 7.28	+ 0.17	+ 5.93	53 1 47.00	43.728	+10.29	+1 16.0	5 52 13.38	− 0.51	−14 11 12.2	+ 7.5
13	66 Orionis	9	0 0.99	+ 0.19	+ 5.93	34 39 47.22	48.050	+10.35	+ 39.7	6 0 7.11	− 0.37	+ 4 9 45.0	+ 5.0
14	40 Draconis S. P.	9	6 43.09	+ 0.64	+ 5.93	298 51 42.35	46.840	+10.40	−1 43.1	18 6 49.66	+ 6.05	+79 59 19.6	+ 4.4
15	k Orionis	9	11 10.91	+ 0.19	+ 5.93	26 33 47.28	43.125	+10.44	+ 28.7	6 11 17.03	− 0.36	+12 17 48.4	+ 3.9
	January 12, M.												
16	ζ Virginis	9	29 53.06	+ 0.24	+ **6.04**	38 58	......	.....	.....	13 29 59.33	.....	− 0 7	....
17	m Virginis	9	36 39.70	+ 0.23	+ **6.02**	47 4	......	.....	.....	13 36 45.96	.....	− 8 14	....
18	89 Virginis	9	44 44.88	+ 0.22	+ **6.10**	56 30	......	.....	.....	13 44 51.13	.....	−17 40	....
19	η Boötis	9	50 10.92	+ 0.24	+ **6.08**	20 0	......	.....	.....	13 50 17.19	.....	+18 51	....
	January 14, P.												
20	Sun I, S.	9	38 44.13	+ 0.27	+ 6.14	60 33 50.75	44.752	+10.55	+1 45.4	19 38 50.54	+70.34	−21 44 8.6	....
21	Sun II, N	9	41 4.80	+ 0.27	+ 6.14	60 1 50.00	43.358	+10.55	+1 43.2	19 41 11.21	−70.33	−21 11 34.5	....
22	Venus I, C	8	43 2.55	+ 0.28	+ 6.15	54 17 50.58	47.119	+ 9.65	+1 22.7	21 43 8.98	+ 0.51	−15 28 39.3	....
23	Venus II	9	43 3.45	+ 0.28	+ 6.15	... .	......	.....	.....	21 43 9.88	− 0.39	.. ..	....
24	B. D.+37°242	9	10 5.20	+ 0.23	+ 6.18	0 51 49.05	43.702	+ 9.80	+ 1.0	1 10 11.61	+ 0.94	+38 0 1.6	− 3.7
25	υ Piscium	9	14 17.14	+ 0.26	+ **6.11**	12 3 48.48	46.398	+ 9.82	+ 12.9	1 14 23.58	.....	+26 46 48.7	....
26	θ Ceti	9	19 18.19	+ 0.29	+ **6.11**	47 29 51.00	45.402	+ 9.84	+1 5.4	1 19 24.66	.....	− 8 39 43.5	....
27	B. D.+37°293	9	23 39.21	+ 0.24	+ 6.18	1 23 47.30	45.705	+ 9.87	+ 1.5	1 23 45.63	+ 0.86	+37 27 17.1	− 3.6
28	B. D.+36°276	9	28 25.72	+ 0.24	+ 6.18	1 59 47.52	44.315	+ 9.89	+ 2.2	1 28 32.14	+ 0.83	+36 51 47.9	− 3.4
29	B. D.+37°335	9	33 17.11	+ 0.23	+ 6.18	0 39 47.68	46.330	+ 9.92	+ 0.8	1 33 23.52	+ 0.80	+38 11 3.0	− 3.8
30	B. D.+37°356	9	38 37.92	+ 0.23	+ 6.18	0 47 47.72	44.995	+ 9.95	+ 0.9	1 38 44.33	+ 0.77	+38 3 33.4	− 3.7
31	B. D.+38°355	9	43 43.42	+ 0.23	+ 6.18	359 51 47.58	44.775	+ 9.98	− 0.1	1 43 49.83	+ 0.74	+38 59 39.5	− 4.0
32	α Trianguli	9	47 42.86	+ 0.25	+ **6.22**	9 43 48.28	43.790	+10.00	+ 10.3	1 47 49.29	.....	+29 7 50.9	....
33	B. D.+39°448	9	53 58.03	+ 0.23	+ 6.18	358 43 47.08	46.360	+10.03	− 1.3	1 54 4.44	+ 0.67	+40 7 4.9	− 4.3
34	ν Fornacis	9	0 15.03	+ 0.28	+ 6.18	68 33 51.25	43.943	+10.06	+2 32.2	2 0 21.49	+ 0.61	−29 44 37.2	+18.9
35	ξ¹ Ceti	9	8 0.22	+ 0.28	+ **6.21**	30 25 47.40	45.412	+10.11	+ 35.3	2 8 6.68	.....	+ 8 24 49.7	....
36	B. D.+39°521	9	13 50.21	+ 0.23	+ 6.19	359 25 46.58	47.282	+10.14	− 0.5	2 13 56.63	+ 0.56	+39 24 43.4	− 4.0
37	B. D.+38°472	9	18 23.18	+ 0.23	+ 6.19	359 55 46.95	44.540	+10.17	0.0	2 18 29.60	+ 0.53	+38 55 45.2	− 3.8
38	B. D.+37°560	9	23 30.38	+ 0.23	+ 6.19	1 1 48.12	46.742	+10.19	+ 1.2	2 23 36.80	+ 0.50	+37 48 52.5	− 3.4
39	B. D.+38°506	9	28 18.48	+ 0.23	+ 6.19	0 31 47.92	44.180	+10.22	+ 0.6	2 28 24.90	+ 0.48	+38 19 51.8	− 3.5
40	ν Arietis	9	33 28.46	+ 0.26	+ **6.21**	17 17 49.00	43.560	+10.25	+ 18.8	2 33 34.91	.....	+21 33 46.7	....
41	B. D.+36°543	9	37 30.41	+ 0.24	+ 6.19	2 17 47.72	46.612	+10.27	+ 2.5	2 37 36.84	+ 0.43	+36 32 54.5	− 2.9
42	B. D.+39°642	9	43 17.89	+ 0.23	+ 6.19	358 45 46.85	44.422	+10.30	− 1.2	2 43 24.31	+ 0.38	+40 5 49.1	− 3.9
43	B. D.+37°659	9	48 43.05	+ 0.24	+ 6.19	1 29 47.15	43.720	+10.33	+ 1.6	2 48 49.48	+ 0.36	+37 22 2.0	− 3.0
44	B. D.+37°675	9	54 15.33	+ 0.23	+ 6.19	1 5 47.05	43.938	+10.36	+ 1.2	2 54 21.75	+ 0.33	+37 45 57.5	− 3.1
45	B. D.+36°640	9	3 31.47	+ 0.24	+ 6.19	1 53 47.20	46.280	+10.40	+ 2.1	3 3 37.90	+ 0.28	+36 57 2.9	− 2.8
46	10 Tauri	9	32 3.91	+ 0.30	+ 6.19	38 43 49.45	45.772	+10.66	+ 48.6	3 32 10.40	.....	+ 0 6 25.6	....
47	17 Tauri	9	39 18.01	+ 0.27	+ 6.19	15 1 47.95	44.628	+10.66	+ 16.3	3 39 24.47	+ 0.14	+23 49 25.5	+ 1.4
48	τ⁷ Eridani	9	43 35.82	+ 0.30	+ 6.19	62 59 50.12	43.360	+10.66	+1 58.4	3 43 42.31	− 0.07	−24 9 49.7	+15.1
49	ξ Persei	9	52 53.02	+ 0.25	+ 6.19	3 19 46.30	44.710	+10.66	+ 3.6	3 52 59.46	.....	+35 31 37.9	....
50	λ Persei	9	59 37.31	+ 0.20	+ 6.19	348 45 46.52	43.975	+10.66	− 11.9	3 59 43.70	− 0.16	+50 6 10.0	− 5.1
51	43 Tauri	9	3 41.71	+ 0.28	+ 6.19	19 29 48.05	43.122	+10.66	+ 21.5	4 3 48.18	.....	+19 21 54.6	....
52	A Eridani	9	9 54.62	+ 0.30	+ 6.20	49 19 50.08	44.005	+10.66	+1 10.4	4 10 1.12	− 0.08	−10 29 16.4	+10.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 4 45	......	....	43.4
5 2	28.985	44.0	42.8
5 24	......	....	42.0
5 40	......	....	41.9
6 1	......	....	41.1
6 13	28.995	42.0	41.0
14 19 41	29.74	34.7	34.3
21 44	29.75	36.9	35.6
1 8	29.83	34.0	33.2
1 30	......	....	33.0
1 57	29.85	33.0	32.6
2 32	......	....	31.5
2 55	......	....	30.8
3 5	29.87	31.2	30.5
3 30	29.89	31.0	30.0
3 50	......	....	29.9
4 8	......	....	29.7

Micrometer bisections are made at II, VI, except as noted below.

4, 5, 11, 50. Bisections at III, V.
6. Bisections at II, VI, VII.
14. Bisections at III, IV, V.
20. Bisections at I, II.
21. Bisections at VI, VII.
22. Bisections at I, II, VI, VII.
34. Bisections at I, II, VI.

Notes.

30, 43–45. Observed head south.
37. Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
20	+ 7.8	+16 17.0	...	+16 24.8
21	+ 7.7	−16 17.0	...	−16 9.3
22	+ 5.1	.. ....	0.0	+ 5.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	υ^4 Eridani	9	14 18.72	+ 0.28	+ 6.20	72 49 51.48	44.780	+10.66	+3 14.2	4 14 25.20	.....	−34 1 39.1	....
2	212 G. Eridani	9	16 32.00	+ 0.30	+ 6.20	59 41 49.32	43.922	+10.66	+1 43.4	4 16 38.50	− 0.21	−20 51 46.7	+13.1
3	ε Tauri	9	23 8.10	+ 0.28	+ **6.27**	19 51 48.25	46.692	+10.66	+ 21.9	4 23 14.58	.....	+18 58 32.4	....
4	*A* Draconis s. p.	9	27 59.77	+ 0.78	+ 6.20	287 51 44.82	46.477	+10.66	−3 4.8	16 28 6.75	.....	+68 57 52.4	....
5	53 Eridani	9	33 51.69	+ 0.30	+ **6.21**	53 19 49.18	43.440	+10.66	+1 21.2	4 33 58.19	.....	−14 29 13.4	....
6	μ Eridani	9	40 47.71	+ 0.30	+ **6.28**	42 15 49.40	45.425	+10.66	+ 55.0	4 40 54.21	.....	− 3 25 32.8	....
7	π^3 Orionis	9	44 44.31	+ 0.30	+ **6.25**	32 1 48.58	47.505	+10.66	+ 37.9	4 44 50.81	.....	+ 6 47 57.6	....
8	57 H^1. Camelopardalis	.	.. ..	....	....	324 55 43.98	45.775	+10.66	− 42.3	4 53	.....	+73 56 1.8	− 7.2
9	Moon S	.	.. ..	....	....	19 11 48.30	44.974	+10.66	+ 21.1	5 0	.....	+19 39 12.5	....
10	ζ Draconis s. p.	9	8 21.27	+ 0.72	+ 6.20	284 45 42.50	42.068	+10.66	−3 45.2	17 8 28.19	.....	+65 49 28.9	....
11	*o* Columbæ	9	14 4.26	+ 0.28	+ 6.20	73 47 51.48	43.470	+10.66	+3 26.0	5 14 10.74	.....	−34 59 21.1	....
12	γ Orionis	9	20 5.48	+ 0.30	+ **6.26**	32 33 49.08	47.602	+10.66	+ 38.7	5 20 11.98	.....	+ 6 15 54.0	....
13	β Leporis	9	24 12.17	+ 0.30	+ 6.20	59 39 49.00	44.838	+10.66	+1 43.2	5 24 18.67	− 0.51	−20 50 7.2	+10.0
14	φ^1 Orionis	9	29 39.92	+ 0.29	+ 6.20	29 25 48.60	43.420	+10.66	+ 34.2	5 29 46.41	− 0.27	+ 9 25 34.6	+ 4.9
15	ζ Leporis	9	42 41.16	+ 0.30	+ 6.20	53 41 49.45	44.058	+10.66	+1 22.3	5 42 47.66	.....	−14 51 29.1	....
16	ξ Aurigæ	9	47 2.48	+ 0.16	+ 6.20	343 9 45.08	46.875	+10.66	− 18.2	5 47 8.84	.....	+55 41 11.5	....
	January 14, M.												
17	ψ Ursæ Majoris	9	4 23.18	+ 0.29	+ 6.29	353 51 45.95	44.972	+12.45	− 6.4	11 4 29.76	.....	+44 59 40.4	....
18	θ Leonis	9	9 18.12	+ 0.35	+ **6.24**	22 55 46.22	43.048	+12.47	+ 25.7	11 9 24.76	.....	+15 55 52.1	....
19	ξ Ursæ Majoris (*mean*)	9	13 10.02	+ 0.32	+ 6.29	6 47 45.58	47.060	+12.48	+ 7.3	11 13 16.63	.....	+32 2 39.4	....
20	γ Crateris	9	20 10.38	+ 0.37	+ 6.29	55 59 46.88	46.790	+12.50	+1 30.0	11 20 17.04	+ 0.04	−17 10 38.3	− 7.0
21	39 H. Cephei s. p.	9	27 28.11	+ 3.04	+ 6.29	305 39 41.50	48.305	+12.53	−1 24.2	23 27 37.44	.....	+86 48 13.1	....
22	υ Leonis	9	32 7.48	+ 0.36	+ **6.28**	39 9 47.40	44.118	+12.54	+ 49.6	11 32 14.14	.....	− 0 18 57.5	....
23	π Virginis	9	56 2.56	+ 0.36	+ **6.26**	31 43 46.30	43.200	+12.62	+ 37.7	11 56 9.22	.....	+ 7 7 36.4	....
24	*o* Virginis	9	0 24.43	+ 0.36	+ **6.25**	29 35 45.45	45.990	+12.63	+ 34.7	12 0 31.09	.....	+ 9 14 36.5	....
25	1 Canum Venaticorum	8	10 3.18	+ 0.24	+ 6.30	344 53 42.38	48.420	+12.67	− 16.4	12 10 9.72	+ 0.30	+53 56 35.0	+11.6
26	6 B. Ursæ Minoris	7	14 32.13	− 4.10	+ 6.30	310 39 40.10	46.198	+12.68	−1 10.8	12 14 34.33	.....	+88 12 21.9	....
27	33 H^1. Virginis	9	23 1.17	+ 0.37	+ 6.30	42 55 46.02	47.480	+12.71	+ 56.9	12 23 7.84	+ 0.47	− 4 6 20.5	− 3.9
28	319 B. Cephei s. p.	9	32 37.10	+ 1.48	+ 6.30	300 51 45.88	46.593	+12.74	−1 41.6	0 32 44.88	+ 2.36	+81 59 21.3	−13.1
29	76 Ursæ Majoris	9	37 26.18	+ 0.16	+ 6.30	335 37 42.55	48.260	+12.75	− 27.5	12 37 32.64	.....	+63 12 49.6	....
30	35 Virginis	9	43 3.13	+ 0.36	+ **6.25**	34 45 45.65	45.978	+12.77	+ 42.5	12 43 9.79	.....	+ 4 4 28.7	....
31	31 Comæ Berenices	9	47 5.88	+ 0.33	+ **6.27**	10 47 43.55	47.760	+12.78	+ 11.7	12 47 12.51	.....	+28 2 20.8	....
32	1 B. Ursæ Minoris s. p.	9	57 25.44	+ 6.14	+ 6.30	307 23 45.40	47.623	+12.82	−1 19.5	0 57 37.88	+ 5.11	+88 32 5.6	−13.9
33	43 Comæ Berenices	9	7 27.52	+ 0.33	+ **6.32**	10 29 43.98	47.298	+12.85	+ 11.4	13 7 34.15	.....	+28 20 31.1	....
34	61 Virginis	9	13 28.04	+ 0.37	+ 6.30	56 37 46.10	44.662	+12.87	+1 32.8	13 13 34.71	.....	−17 47 52.1	....
35	ζ^1 Ursæ Majoris	9	20 6.17	+ 0.23	+ 6.30	343 27 44.22	44.395	+12.89	− 18.1	13 20 12.70	.....	+55 24 6.7	....
36	9 B. Ursæ Minoris	9	23 40.11	− 0.02	+ 6.31	325 59 43.58	46.005	+12.90	− 41.1	13 23 46.40	.....	+72 51 53.5	....
	January 15, M.												
37	Sun I, N	9	43 2.60	+ 0.40	+ 6.32	59 49 50.32	47.445	+10.42	+1 42.4	19 43 9.32	+70.08	−21 1 6.6	....
38	Sun II, S	9	45 22.77	+ 0.40	+ 6.32	60 21 50.82	48.665	+10.42	+1 44.6	19 45 29.49	−70.09	−21 33 37.9	....
39	Venus I, C	9	47 51.59	+ 0.40	+ 6.33	53 53 48.18	44.155	+ 8.12	+1 21.0	21 47 58.32	+ 0.43	−15 3 26.0	....
40	η Piscium	9	26 25.92	+ 0.36	+ **6.37**	23 57 46.60	47.600	+ 8.20	+ 26.5	1 26 32.62	.....	+14 52 11.2	....
41	π Piscium	9	32 5.64	+ 0.36	+ **6.35**	27 10	......	.....	.....	1 32 12.34	.....	+11 40	....
42	13 B. Ursæ Minoris s. p.	9	34 50.13	+ 0.76	+ 6.34	290 35 43.70	46.755	+ 8.20	−2 36.1	13 34 57.23	+ 0.95	+71 42 23.9	+14.1
43	τ Ceti	9	39 40.19	+ 0.36	+ **6.30**	55 15 47.55	44.415	+ 8.20	+1 25.6	1 39 46.89	.....	−16 25 36.0	....
	January 15, Ei.-M.												
44	β Arietis	9	49 25.95	+ 0.35	+ **6.28**	18 29 45.62	44.650	+ 8.20	+ 19.9	1 49 32.62	.....	+20 21 26.2	....
45	α Arietis	8	1 51.77	+ 0.35	+ **6.29**	15 49 44.15	44.402	+ 8.20	+ 16.9	2 1 58.44	.....	+23 1 36.2	....
46	B. D.+14°357	9	7 54.78	+ 0.36	+ 6.32	23 59 45.45	45.995	+ 8.20	+ 26.6	2 8 1.46	+ 0.64	+14 50 48.9	+ 4.2
47	67 Ceti	9	12 16.44	+ 0.36	+ **6.24**	45 41 47.45	43.872	+ 8.20	+1 1.1	2 12 23.12	.....	− 6 50 59.0	....
48	ξ^2 Ceti	9	23 8.78	+ 0.36	+ **6.27**	30 47 45.45	45.790	+ 8.20	+ 35.6	2 23 15.46	.....	+ 8 2 44.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
14 4 31	29.90	30.0	29.9
4 56	......	....	30.0
5 26	......	....	30.2
5 48	29.92	30.0	30.2
10 59	29.85	28.7	29.1
11 17	......	....	28.0
11 55	......	....	26.5
12 3	29.94	26.9	....
12 22	......	....	25.9
12 53	......	....	25.9
13 10	29.97	26.3	25.6
13 28	29.975	26.2	25.3
15 19 45	29.97	38.0	38.2
21 48	29.92	41.8	41.1
1 25	29.89	39.2	38.3
1 48	......	....	37.7
2 18	......	....	36.4
2 26	29.88	37.7	....

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at I, II, VI.
4, 10, 28, 32, 42.	Bisections at III, IV, V.
8, 16, 29, 35, 36.	Bisections at III, V.
9.	Bisections at II, III, IV, V, VI.
15, 27, 38, 48.	Bisections at VI, VII.
21, 26.	Bisections at IV, V.
22.	Bisections at III, VI.
25.	Bisections at I, V.
37.	Bisections at I, II.
39.	Bisections at I, II, VI, VII.
45, 47.	Bisections at II, VII.

Notes.

1. Haze.
10. Revolutions of micrometer reading assumed.
10 Clouds.
27. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+17 49.9	+14 54.7	...	+32 44.6
37	+ 7.7	−16 15.6	...	−16 7.9
38	+ 7.8	+16 15.6	...	+16 23.4
39	+ 5.1	.. ....	+0.1	+ 5.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	January 15, M.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Ceti	9	39 50.83	+ 0.36	+ **6.37**	29 7 45.25	44.088	+ 8.20	+ 33.3	2 39 57.53	.....	+ 9 43 26.0	....
2	41 Arietis	9	44 26.80	+ 0.35	+ **6.37**	11 57 43.80	46.550	+ 8.20	+ 12.7	2 44 33.49	.....	+26 52 51.6	....
3	48 H. Cephei	9	8 31.73	− 0.02	+ 6.35	321 27 42.80	46.113	+ 8.20	− 47.4	3 8 38.06	.....	+77 24 2.8	....
4	1 H. Ursæ Minoris s. p.	9	13 25.54	+ 0.70	+ 6.35	286 35 41.85	46.381	+ 8.20	−3 16.9	15 13 32.59	.....	+67 41 32.7	....
5	ο Tauri	9	19 44.71	+ 0.36	+ **6.35**	30 7 46.18	47.222	+ 8.20	+ 34.7	3 19 51.42	.....	+ 8 42 12.1	....
6	σ Persei	9	23 58.28	+ 0.31	+ 6.35	351 11 43.65	42.548	+ 8.20	− 9.2	3 24 4.94	+ 0.10	+47 40 45.3	− 5.4
7	ε Eridani	9	28 28.87	+ 0.36	+ **6.37**	48 35 46.65	47.325	+ 8.20	+1 7.8	3 28 35.58	.....	− 9 46 23.8	....
8	θ Ursæ Minoris s. p.	9	33 56.98	+ 0.91	+ 6.35	296 33 43.95	41.847	+ 8.20	−1 58.8	15 34 4.24	+ 3.18	+77 39 9.2	+12.3
9	5 H. Camelopardalis	9	40 32.20	+ 0.14	+ 6.35	327 49 44.12	42.783	+ 8.20	− 37.5	3 40 38.69	.....	+71 3 7.7	....
	January 15, Hl.												
10	ε Tauri	9	23 7.97	+ 0.35	+ **6.32**	19 52	......	....	.....	4 23 14.61	.....	+18 58	....
11	B. D.+37°930	9	25 16.96	+ 0.33	+ 6.29	1 23 44.45	46.042	+ 7.72	+ 1.5	4 25 23.58	− 0.12	+37 27 14.4	− 1.7
12	B. D.+37°947	9	30 34.01	+ 0.33	+ 6.29	1 35 44.80	46.385	+ 7.74	+ 1.7	4 30 40.63	− 0.14	+37 15 6.0	− 1.5
13	B. D.+38°926	9	36 16.36	+ 0.33	+ 6.29	0 37 45.20	47.165	+ 7.76	+ 0.7	4 36 22.98	− 0.17	+38 12 48.7	− 1.6
14	μ Eridani	9	40 47.66	+ 0.37	+ **6.26**	42 15 47.50	45.652	+ 7.78	+ 54.4	4 40 54.32	.....	− 3 25 32.6	....
15	B. D.+39°1096	9	47 28.82	+ 0.32	+ 6.29	358 59 45.12	46.202	+ 7.80	− 1.0	4 47 35.43	− 0.23	+39 51 12.4	− 1.7
16	B. D.+39°1122	9	51 44.50	+ 0.32	+ 6.29	358 55 43.48	46.932	+ 7.81	− 1.0	4 51 51.11	− 0.25	+39 54 57.4	− 1.6
17	B. D.+39°1152	9	56 58.68	+ 0.32	+ 6.29	358 53 44.62	47.655	+ 7.83	− 1.1	4 57 5.29	− 0.27	+39 56 39.8	− 1.5
18	B. D.+39°1183	9	2 0.88	+ 0.32	+ 6.29	359 5 44.38	46.525	+ 7.85	− 0.9	5 2 7.49	− 0.28	+39 45 5.6	− 1.4
19	B. D.+37°1091	9	6 58.07	+ 0.33	+ 6.29	1 37 44.42	44.560	+ 7.87	+ 1.8	5 7 4.69	− 0.28	+37 13 47.8	− 0.8
20	B. D.+37°1169	9	17 21.94	+ 0.33	+ 6.29	1 47 44.20	38.470	+ 7.90	+ 1.9	5 17 28.56	− 0.31	+37 6 7.0	− 0.5
21	δ Orionis	9	27 12.01	+ 0.37	+ **6.31**	39 12	......	....	.....	5 27 18.67	.....	− 0 22	....
22	ε Orionis	9	31 26.39	+ 0.37	+ **6.28**	40 5 45.42	46.420	+ 7.95	+ 50.3	5 31 33.05	.....	− 1 15 44.2	....
23	B. D.+39°1416	9	42 21.80	+ 0.32	+ 6.29	359 21 43.55	43.928	+ 7.99	− 0.6	5 42 28.41	− 0.41	+39 30 5.4	− 0.3
24	B. D.+36°1282	9	47 18.10	+ 0.33	+ 6.29	2 43 43.15	47.902	+ 8.00	+ 2.9	5 47 24.72	− 0.39	+36 6 31.5	+ 0.4
	January 15, M.												
25	Moon I, N	9	51 38.05	+ 0.36	+ 6.36	16 53 45.18	43.802	+ 8.02	+ 18.2	5 51 44.77	+66.32	+21 57 49.2	....
26	Moon S	.	.. ..	....	....	17 23 44.70	43.840	+ 8.02	+ 18.8	.. ..	.....	+21 27 45.5	....
	January 15, Hl.												
27	B. D.+37°1421	9	1 46.90	+ 0.33	+ 6.29	0 51 45.25	45.055	+ 8.05	+ 1.0	6 1 53.52	− 0.44	+37 59 36.3	+ 0.4
28	B. D.+37°1443	9	7 8.54	+ 0.33	+ 6.29	1 39 44.30	46.918	+ 8.07	+ 1.8	6 7 15.16	− 0.45	+37 10 53.8	+ 0.7
29	B. D.+38°1447	9	12 13.59	+ 0.33	+ 6.30	0 37 44.88	38.300	+ 8.09	+ 0.7	6 12 20.22	− 0.47	+38 16 11.3	+ 0.7
30	B. D.+38°1475	9	16 57.12	+ 0.33	+ 6.30	0 49 43.70	36.630	+ 8.10	+ 0.9	6 17 3.75	− 0.48	+38 4 50.4	+ 0.8
31	B. D.+39°1635	9	22 3.53	+ 0.32	+ 6.30	359 43 43.30	38.902	+ 8.12	− 0.3	6 22 10.15	− 0.50	+39 10 0.1	+ 0.8
32	B. D.+39°1664	9	27 12.60	+ 0.32	+ 6.30	359 19 43.18	47.212	+ 8.14	− 0.6	6 27 19.22	− 0.51	+39 30 50.5	+ 0.9
33	B. D.+37°1553	9	32 12.08	+ 0.33	+ 6.30	1 39 43.88	45.140	+ 8.15	+ 1.8	6 32 18.71	− 0.49	+37 11 34.8	+ 1.3
34	B. D.+39°1731	9	38 41.79	+ 0.32	+ 6.30	359 25 43.35	39.365	+ 8.18	− 0.6	6 38 48.41	− 0.53	+39 27 49.7	+ 1.3
35	θ Canis Majoris	8	49 48.91	+ 0.37	+ **6.29**	50 46	......	....	.....	6 49 55.58	.....	−11 55	....
36	Neptune C, C	9	56 47.97	+ 0.35	+ 6.30	16 53 44.52	44.274	+ 8.24	+ 18.2	6 56 54.62	.....	+21 57 37.5	....
37	λ Geminorum	9	12 42.13	+ 0.36	+ **6.39**	22 8	......	....	.....	7 12 48.79	.....	+16 42	....
38	δ Geminorum	9	14 31.61	+ 0.35	+ **6.31**	16 42	......	....	.....	7 14 38.26	.....	+22 9	....
	January 16, Hl.												
39	ε Tauri	9	23 7.87	+ 0.33	+ **6.43**	19 52	......	....	.....	4 23 14.67	.....	+18 58	....
40	B. D.+37°930	9	25 16.98	+ 0.31	+ 6.47	1 23 44.18	46.040	+ 8.90	+ 1.5	4 25 23.76	− 0.11	+37 27 13.5	− 1.8
41	B. D.+37°947	9	30 33.94	+ 0.31	+ 6.47	1 35 43.65	46.468	+ 8.90	+ 1.8	4 30 40.72	− 0.13	+37 15 3.9	− 1.6
42	B. D.+38°926	9	36 16.33	+ 0.31	+ 6.47	0 37 45.50	47.200	+ 8.90	+ 0.7	4 36 23.11	− 0.16	+38 12 46.5	− 1.7
43	μ Eridani	9	40 47.43	+ 0.35	+ **6.50**	42 15 46.05	45.645	+ 8.90	+ 54.8	4 40 54.25	.....	− 3 25 32.5	....
44	B. D.+39°1096	9	47 28.61	+ 0.31	+ 6.47	358 59 44.45	46.182	+ 8.90	− 1.0	4 47 35.39	− 0.22	+39 51 12.5	− 1.8
45	B. D.+39°1122	9	51 44.29	+ 0.30	+ 6.47	358 55 43.45	46.870	+ 8.90	− 1.0	4 51 51.06	− 0.24	+39 54 57.7	− 1.8
46	B. D.+39°1152	9	56 58.50	+ 0.30	+ 6.47	358 53 44.38	47.620	+ 8.90	− 1.1	4 57 5.27	− 0.26	+39 56 39.8	− 1.6
47	B. D.+39°1183	9	2 0.85	+ 0.31	+ 6.48	359 5 43.40	46.598	+ 8.90	− 0.9	5 2 7.64	− 0.28	+39 45 3.9	− 1.5
48	B. D.+37°1091	9	6 58.06	+ 0.31	+ 6.48	1 37 42.90	44.630	+ 8.90	+ 1.8	5 7 4.85	− 0.27	+37 13 46.7	− 0.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 2 43	......	....	35.8
3 6	29.87	36.7	35.4
3 23	......	....	35.1
3 44	29.86	35.9	34.9
4 14	29.86	35.7	35.0
4 29	......	....	34.8
4 55	......	....	34.6
5 31	......	....	34.8
5 55	29.82	35.7	34.4
6 15	......	....	34.9
6 42	29.815	35.7	34.9
7 1	......	....	35.0
7 17	29.80	36.1	....
16 4 16	29.95	34.0	33.0
4 45	......	....	32.0
5 12	......	....	31.1

Micrometer bisections are made at II, VI, except as noted below.

2. Bisection at VI.
3, 8, 9. Bisections at III, IV, V.
4. Bisections at b_1, b_5, b_7, b_9.
6. Bisections at III, V.
25. Bisections at I, II.
26. Bisections at VI, VII.
36. Bisections at I, II, VI, VII.

Notes.

4. Very poor.
10-38. Conditions very poor.
18, 44-46. Observed head north.
24, 33, 40-42, 48. Observed head south.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
25	+15 38.9	−14 48.4	+ 0.3	+ 50.8
26	+16 6.1	+14 48.4	...	+30 54.5
36	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	τ Orionis	9	13 1.81	+ 0.35	+ **6.51**	45 47 46.25	43.275	+ 8.90	+1 2.2	5 13 8.64	.....	– 6 56 46.0	....
2	B. D.+37°1169	9	17 21.94	+ 0.31	+ 6.48	1 47 44.65	38.440	+ 8.90	+ 1.9	5 17 28.73	– 0.31	+37 6 6.3	– 0.6
3	χ Aurigæ	9	26 37.88	+ 0.32	+ 6.48	6 43 44.40	45.250	+ 8.90	+ 7.2	5 26 44.68	.....	+32 7 25.6	....
4	ε Orionis	9	31 26.25	+ 0.35	+ **6.44**	40 5 44.50	46.380	+ 8.90	+ 51.0	5 31 33.08	.....	– 1 15 44.0	....
5	ζ Orionis	9	36 0.49	+ 0.35	+ 6.48	40 49 44.22	45.892	+ 8.90	+ 52.4	5 36 7.32	.....	– 1 59 33.9	....
6	B. D.+39°1416	9	42 21.53	+ 0.31	+ 6.48	359 21 43.15	43.845	+ 8.90	– 0.6	5 42 28.32	– 0.41	+39 30 6.8	– 0.4
7	B. D.+36°1282	9	47 17.90	+ 0.32	+ 6.48	2 43 43.38	47.845	+ 8.90	+ 3.0	5 47 24.70	– 0.39	+36 6 31.5	+ 0.3
8	B. D.+37°1421	9	1 46.87	+ 0.31	+ 6.48	0 51 44.35	45.098	+ 8.90	+ 1.0	6 1 53.66	– 0.45	+37 59 35.3	+ 0.3
9	B. D.+37°1443	9	7 8.47	+ 0.31	+ 6.48	1 39 43.50	46.942	+ 8.90	+ 1.8	6 7 15.26	– 0.45	+37 10 53.3	+ 0.6
10	B. D.+38°1447	9	12 13.63	+ 0.31	+ 6.48	0 37 44.42	38.298	+ 8.90	+ 0.7	6 12 20.42	– 0.47	+38 16 11.0	+ 0.6
11	B. D.+38°1475	9	16 57.12	+ 0.31	+ 6.48	0 49 43.02	36.675	+ 8.90	+ 0.9	6 17 3.91	– 0.48	+38 4 49.2	+ 0.7
12	B. D.+39°1635	9	22 3.30	+ 0.31	+ 6.48	359 43 43.95	38.800	+ 8.90	– 0.3	6 22 10.09	– 0.50	+39 10 1.0	+ 0.7
13	B. D.+39°1664	9	27 12.40	+ 0.31	+ 6.48	359 19 42.85	47.150	+ 8.90	– 0.6	6 27 19.19	– 0.52	+39 30 51.5	+ 0.8
14	B. D.+37°1553	9	32 11.84	+ 0.31	+ 6.48	1 39 43.60	45.080	+ 8.90	+ 1.8	6 32 18.63	– 0.50	+37 11 35.7	+ 1.2
15	S Monocerotis	9	35 48.27	+ 0.34	+ **6.53**	28 52	......	....	.....	6 35 55.09	.....	+ 9 58	....
16	B. D.+39°1731	9	38 41.54	+ 0.31	+ 6.48	359 25 42.65	39.315	+ 8.90	– 0.6	6 38 48.33	– 0.54	+39 27 50.8	+ 1.2
	January 16, P.												
17	Moon I, N	9	44 56.49	+ 0.34	+ 6.49	16 9 44.88	46.475	+ 8.90	+ 17.7	6 45 3.32	+66.40	+22 40 47.0	....
18	Moon S	.	.. ..	....	....	16 39 44.08	46.325	+ 8.90	+ 18.3	.. ..	.....	+22 10 50.0	....
19	Neptune C, C	9	56 40.73	+ 0.33	+ 6.49	16 53 44.40	43.742	+ 8.90	+ 18.5	6 56 47.55	.....	+21 57 48.8	....
20	α Canis Minoris	9	34 22.86	+ 0.32	+ 6.49	33 23 45.48	43.405	+ 9.14	+ 40.2	7 34 29.67	.....	+ 5 27 33.6	....
	January 16, Hl.												
21	β Geminorum	9	39 35.07	+ 0.30	+ **6.44**	10 36	......	....	.....	7 39 41.86	.....	+28 14	....
	January 16, P.												
22	166 B. Camelopardalis	9	49 8.37	– 0.09	+ 6.50	324 41 41.22	46.548	+ 9.14	– 43.0	7 49 14.78	.....	+74 9 49.1	....
23	χ Geminorum	9	57 45.82	+ 0.30	+ **6.59**	10 47 42.88	45.995	+ 9.14	+ 11.7	7 57 52.62	.....	+28 3 5.4	....
24	μ Cancri	9	2 14.76	+ 0.30	+ 6.50	16 59 44.22	46.202	+ 9.14	+ 18.7	8 2 21.56	– 0.44	+21 50 52.5	+ 3.6
25	ψ Cancri	9	4 48.53	+ 0.30	+ 6.50	13 3 43.30	45.738	+ 9.14	+ 14.2	8 4 55.33	– 0.45	+25 47 8.4	+ 3.6
26	κ Cephei s. p.	9	11 47.84	+ 1.07	+ 6.50	296 19 39.02	44.658	+ 9.14	–2 2.3	20 11 55.41	.....	+77 26 6.0	....
27	30 Monocerotis	9	20 57.59	+ 0.33	+ **6.48**	42 25 45.62	47.900	+ 9.14	+ 55.9	8 21 4.42	.....	– 3 36 25.0	....
28	Groombridge 1418	9	27 36.22	– 1.38	+ 6.50	313 29 40.50	44.929	+ 9.14	–1 4.1	8 27 41.34	–10.60	+85 22 47.8	+ 3.6
29	73 Draconis s. p.	8	32 32.17	+ 0.96	+ 6.50	293 31 41.02	46.150	+ 9.14	–2 19.0	20 32 39.63	.....	+74 38 25.4	....
30	γ Cancri	9	37 51.46	+ 0.30	+ **6.52**	17 3 44.50	43.560	+ 9.14	+ 18.8	8 37 58.26	.....	+21 47 52.5	....
31	a Mali	9	39 47.85	+ 0.31	+ 6.50	71 39 47.95	44.417	+ 9.14	+3 3.0	8 39 54.66	.....	–32 51 14.8	....
32	14 Hydræ	9	44 37.99	+ 0.33	+ 6.50	41 55 45.58	47.145	+ 9.14	+ 54.9	8 44 44.82	.....	– 3 6 6.7	....
33	76 Draconis s. p.	9	49 2.61	+ 1.47	+ 6.50	301 5 40.32	42.203	+ 9.14	–1 40.8	20 49 10.58	.....	+82 11 32.6	....
34	10 Ursæ Majoris	9	54 34.12	+ 0.26	+ 6.50	356 41 43.35	47.580	+ 9.14	– 3.4	8 54 40.88	.....	+42 8 43.9	....
35	145 B. Lyncis	9	0 34.59	+ 0.27	+ 6.50	0 1 43.45	46.408	+ 9.14	+ 0.1	9 0 41.36	.....	+38 49 7.0	....
36	κ Cancri	9	2 39.48	+ 0.32	+ **6.53**	27 47 47.42	47.060	+ 9.14	+ 32.3	9 2 46.30	.....	+11 2 16.0	....
37	θ Hydræ	9	9 28.33	+ 0.32	+ **6.50**	36 7 45.98	46.992	+ 9.14	+ 44.7	9 9 35.15	.....	+ 2 42 6.6	....
38	83 Cancri	9	13 44.45	+ 0.31	+ **6.52**	20 45 43.70	43.942	+ 9.14	+ 23.3	9 13 51.26	.....	+18 5 39.9	....
39	1 H. Draconis	9	24 1.48	– 0.58	+ 6.50	317 7 40.42	46.977	+ 9.14	– 56.6	9 24 7.40	.....	+81 43 53.6	....
40	A Hydræ	9	29 50.80	+ 0.33	+ 6.50	44 19 46.20	47.310	+ 9.14	+ 59.9	9 29 57.63	– 0.38	– 5 30 16.1	– 0.2
41	κ Hydræ	9	35 47.39	+ 0.33	+ 6.50	52 45 43.40	42.835	+ 9.14	+1 20.5	9 35 54.22	.....	–13 54 51.6	....
42	14 Leonis Minoris	9	40 43.42	+ 0.25	+ 6.51	353 19 42.90	43.480	+ 9.14	– 7.1	9 40 50.18	– 0.45	+45 32 21.7	+ 6.9
43	6 Sextantis	9	46 29.44	+ 0.33	+ 6.51	42 39 45.28	43.458	+ 9.14	+ 56.5	9 46 36.28	.....	– 3 48 43.7	....
44	109 B. Ursæ Majoris	9	50 6.26	– 0.07	+ 6.51	325 33 41.78	43.670	+ 9.14	– 41.9	9 50 12.70	.....	+73 18 53.2	....
45	16 Cephei s. p.	9	57 45.44	+ 0.90	+ 6.51	291 37 39.68	47.397	+ 9.14	–2 32.9	21 57 52.85	+ 3.47	+72 44 38.6	– 6.8
46	η Leonis	9	2 12.56	+ 0.31	+ **6.39**	21 37 44.40	46.630	+ 9.14	+ 24.4	10 2 19.38	.....	+17 12 36.7	....
	January 17, P.												
47	Sun I, N	9	51 37.73	+ 0.42	+ 6.56	59 29 47.48	41.788	+ 8.91	+1 42.3	19 51 44.71	+70.04	–20 38 52.9	....
48	Sun II, S	9	53 57.81	+ 0.42	+ 6.56	60 1 48.85	43.058	+ 8.91	+1 44.6	19 54 4.79	–70.04	–21 11 26.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 5 23	29.985	32.0	31.0
5 40	......	....	30.5
5 56	29.98	31.6	30.0
6 20	......	....	29.8
6 42	29.99	30.2	29.0
6 58	......	....	28.9
7 32	29.995	29.5	28.0
7 47	......	....	28.0
8 0	......	....	27.9
8 19	......	....	27.1
8 56	30.00	28.0	26.5
9 20	......	....	26.0
9 42	......	....	25.9
10 4	30.02	26.8	25.2
17 19 54	30.04	33.7	32.9

Micrometer bisections are made at II, VI, except as noted below.

17.	Bisections at I, II, III.
18, 48.	Bisections at VI, VII.
19.	Bisections at I, II, VI, VII.
22, 34, 42, 44.	Bisections at III, V.
24, 30, 47.	Bisections at I, II.
26, 33, 39, 45.	Bisections at III, IV, V.
28.	Bisections at b_1, b_3, b_5, b_7, b_9.
29.	Bisections at b_1, b_3, b_5.
31.	Bisections at II, VI, VII.

Notes.

2, 8–11.	Observed head south.
6, 12, 13, 16.	Observed head north.
42, 44.	Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
17	+14 56.3	–14 45.0	...	+ 11.3
18	+15 23.5	+14 45.0	– 0.2	+30 8.3
19	+ 0.1	.. ....	...	+ 0.1
47	+ 7.7	–16 16.7	...	–16 9.0
48	+ 7.7	+16 16.7	...	+16 24.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	January 17, P.-M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	12 Eridani	9	8 2.69	+ 0.38	+ 6.60	68 9 47.55	46.052	+ 8.56	+2 30.3	3 8 9.67	.....	−29 21 18.4	....
2	1 H¹. Camelopardalis	9	11 46.48	+ 0.19	+ 6.60	333 33 41.60	42.532	+ 8.57	− 30.0	3 11 53.27	− 0.11	+65 19 8.1	− 9.9
3	1 H. Ursæ Minoris S. P.	9	13 25.47	+ 0.75	+ 6.60	286 35 39.98	46.555	+ 8.57	−3 19.5	15 13 32.82	.....	+67 41 32.6	....
4	γ² Ursæ Minoris S. P.	9	20 42.40	+ 0.84	+ 6.60	291 3 43.18	44.323	+ 8.60	−2 35.4	15 20 49.84	.....	+72 9 28.9	....
5	f Tauri	9	25 40.37	+ 0.38	+ **6.55**	26 13 45.95	44.795	+ 8.61	+ 29.9	3 25 47.35	.....	+12 37 12.1	....
6	ε Eridani	9	28 28.63	+ 0.39	+ **6.56**	48 35 46.10	47.238	+ 8.62	+1 8.7	3 28 35.62	.....	− 9 46 22.6	....
7	θ Ursæ Minoris S. P.	8	33 57.18	+ 1.00	+ 6.60	296 31 41.95	47.228	+ 8.64	−2 0.2	15 34 4.78	+ 3.00	+77 39 9.2	+12.8
8	δ Persei	8	36 15.34	+ 0.32	+ 6.60	351 21 43.75	45.310	+ 8.64	− 9.1	3 36 22.26	.....	+47 29 41.5	....
9	δ Fornacis	9	38 28.50	+ 0.38	+ 6.60	71 1 48.32	47.388	+ 8.65	+2 55.2	3 38 35.48	− 0.09	−32 14 14.5	+17.5
10	5 H. Camelopardalis	9	40 32.01	+ 0.11	+ 6.60	327 49 41.42	42.908	+ 8.66	− 38.0	3 40 38.72	.....	+71 3 7.5	....
11	τ⁷ Eridani	9	43 35.37	+ 0.39	+ 6.60	62 59 46.78	43.638	+ 8.66	+1 58.6	3 43 42.36	− 0.03	−24 9 50.9	+15.4
12	γ Eridani	9	53 37.28	+ 0.39	+ **6.56**	52 35 43.22	47.008	+ 8.69	+1 19.2	3 53 44.27	.....	−13 46 25.0	....
13	λ Persei	9	59 36.83	+ 0.31	+ 6.60	348 45 44.22	44.095	+ 8.71	− 12.0	3 59 43.74	− 0.11	+50 6 11.6	− 5.5
14	ψ Tauri	9	1 12.01	+ 0.36	+ 6.60	10 5 43.80	45.772	+ 8.72	+ 10.9	4 1 18.97	+ 0.06	+28 45 10.8	+ 0.1
15	43 Tauri	9	3 41.28	+ 0.37	+ 6.60	19 27 45.05	48.560	+ 8.72	+ 21.5	4 3 48.25	.....	+19 21 55.3	....
16	o¹ Eridani	9	7 15.51	+ 0.39	+ **6.58**	45 55 46.62	43.352	+ 8.74	+1 2.6	4 7 22.50	.....	− 7 4 48.3	....
17	μ Tauri	9	10 25.29	+ 0.38	+ 6.60	30 11 47.15	43.372	+ 8.74	+ 35.3	4 10 32.27	+ 0.03	+ 8 39 37.9	+ 5.9
18	υ⁴ Eridani	9	14 18.17	+ 0.38	+ 6.60	72 49 47.52	45.041	+ 8.76	+3 14.5	4 14 25.15	.....	−34 1 39.6	....
19	ζ Aurigæ	9	55 56.14	+ 0.34	+ 6.61	357 55 42.70	42.882	+ 8.88	− 2.1	4 56 3.09	.....	+40 56 30.7	....
20	11 Orionis	9	59 11.88	+ 0.38	+ **6.58**	23 33 45.72	46.802	+ 8.89	+ 26.5	4 59 18.87	.....	+15 16 29.6	....
21	19 H. Camelopardalis	8	7 19.44	− 0.15	+ 6.61	319 43 44.35	47.022	+ 8.92	− 51.2	5 7 25.90	.....	+79 7 43.4	....
22	λ Leporis	9	15 13.61	+ 0.39	+ 6.61	52 5 45.02	47.095	+ 8.94	+1 17.9	5 15 20.61	− 0.36	−13 16 27.7	+ 9.7
23	γ Orionis	9	20 5.03	+ 0.39	+ **6.62**	32 33 45.70	47.842	+ 8.95	+ 38.8	5 20 12.03	.....	+ 6 15 53.5	....
24	β Leporis	9	24 11.73	+ 0.39	+ 6.61	59 39 45.08	45.120	+ 8.97	+1 43.5	5 24 18.73	− 0.49	−20 50 8.4	+10.6
25	α Leporis	9	28 33.80	+ 0.39	+ **6.65**	56 43 45.00	43.828	+ 8.98	+1 32.3	5 28 40.80	.....	−17 53 27.3	....
26	θ¹ Orionis	9	30 38.69	+ 0.39	+ 6.61	44 17 47.25	44.370	+ 8.99	+ 59.2	5 30 45.69	− 0.35	− 5 27 8.9	+ 7.8
27	f Draconis S. P.	9	32 9.39	+ 0.76	+ 6.61	287 5 42.58	46.002	+ 8.99	−3 14.0	17 32 16.76	+ 3.07	+68 11 28.5	+ 8.1
	January 17, M.-P.												
28	θ Canis Majoris	9	49 48.46	+ 0.38	+ **6.73**	50 45 46.88	44.680	+ 8.83	+1 14.3	6 49 55.52	.....	−11 55 30.7	....
29	υ Draconis S. P.	9	55 20.32	+ 0.82	+ 6.68	290 5 41.45	41.873	+ 8.85	−2 44.0	18 55 27.82	+ 3.78	+71 10 22.8	+ 3.6
30	22 Canis Majoris	9	57 57.14	+ 0.37	+ 6.68	66 37 48.15	43.843	+ 8.86	+2 19.9	6 58 4.19	− 0.88	−27 48 18.5	+ 5.9
31	δ Canis Majoris	9	4 32.86	+ 0.38	+ 6.68	65 3 48.45	45.948	+ 8.88	+2 10.1	7 4 39.92	.....	−26 14 57.1	....
32	22 Monocerotis	9	7 3.51	+ 0.38	+ 6.68	39 9 46.22	48.405	+ 8.89	+ 49.5	7 7 10.57	.....	− 0 20 30.5	....
33	64 Aurigæ	9	11 32.12	+ 0.32	+ 6.68	357 47 44.95	47.375	+ 8.91	− 2.2	7 11 39.12	− 0.60	+41 2 45.9	+ 1.9
34	29 Canis Majoris	9	14 44.27	+ 0.38	+ 6.68	63 11 46.65	48.070	+ 8.92	+1 59.9	7 14 51.33	− 0.82	−24 23 33.6	+ 4.8
35	66 Aurigæ	9	17 39.99	+ 0.33	+ 6.68	357 59 44.78	46.920	+ 8.93	− 2.0	7 17 47.00	.....	+40 50 56.2	....
36	η Canis Majoris	9	20 21.23	+ 0.37	+ 6.68	67 55 47.90	46.643	+ 8.94	+2 29.1	7 20 28.28	− 0.92	−29 7 31.3	+ 4.4
37	ρ Geminorum	9	23 5.27	+ 0.35	+ 6.68	6 53 44.05	43.792	+ 8.95	+ 7.4	7 23 12.30	.....	+31 57 59.1	....
38	o Geminorum	9	33 3.25	+ 0.35	+ 6.68	4 3 44.28	44.745	+ 8.98	+ 4.4	7 33 10.28	− 0.54	+34 47 40.0	+ 2.9
39	Moon I, N	9	38 5.99	+ 0.37	+ 6.68	16 33 45.28	46.817	+ 9.00	+ 18.1	7 38 13.04	+66.04	+22 16 37.4	....
40	Moon S	.	.. ..	....	....	17 3 44.40	46.615	+ 9.00	+ 18.7	.. ..	.....	+21 46 44.4	....
41	φ Geminorum	9	47 45.49	+ 0.37	+ **6.78**	11 50	......	....	. ....	7 47 52.54	.....	+27 0	....
42	166 B. Camelopardalis	7	49 7.98	+ 0.03	+ 6.68	324 41 42.02	46.453	+ 9.04	− 42.8	7 49 14.69	.....	+74 9 50.2	....
43	χ Geminorum	9	57 45.63	+ 0.37	+ **6.73**	10 47 43.35	45.998	+ 9.07	+ 11.6	7 57 52.68	.....	+28 3 5.1	....
44	ρ Argus	9	3 31.33	+ 0.40	+ 6.68	62 51 47.48	45.045	+ 9.09	+1 58.2	8 3 38.41	.....	−24 2 23.5	....
45	ψ Cancri	9	4 48.33	+ 0.37	+ 6.68	13 3 43.55	45.758	+ 9.09	+ 14.1	8 4 55.38	− 0.47	+25 47 7.8	+ 3.6
46	β Cancri	9	11 25.06	+ 0.39	+ **6.65**	29 21 44.55	47.578	+ 9.12	+ 34.2	8 11 32.14	.....	+ 9 28 5.1	....
47	η Cancri	9	27 16.83	+ 0.38	+ **6.69**	18 5 44.25	45.425	+ 9.17	+ 19.9	8 27 23.90	.....	+20 45 8.9	....
48	6 Hydræ	9	35 33.51	+ 0.41	+ 6.69	50 59 46.92	43.450	+ 9.20	+1 14.8	8 35 40.61	.....	−12 9 3.4	....
49	δ Cancri	9	39 20.90	+ 0.39	+ **6.67**	20 21 44.72	44.440	+ 9.22	+ 22.5	8 39 27.98	.....	+18 29 28.3	....
50	ρ¹ Cancri	9	47 0.62	+ 0.38	+ 6.69	10 9 43.85	46.610	+ 9.24	+ 10.9	8 47 7.69	− 0.43	+28 40 51.1	+ 4.3
51	ζ Hydræ	9	50 25.30	+ 0.41	+ **6.67**	32 33 45.60	43.163	+ 9.25	+ 38.7	8 50 32.40	.....	+ 6 17 40.4	....
52	ι Ursæ Majoris	9	52 48.56	+ 0.33	+ 6.69	350 27 42.85	44.302	+ 9.26	− 10.1	8 52 55.58	.....	+48 24 5.8	....
53	10 Ursæ Majoris	9	54 33.84	+ 0.35	+ 6.69	356 43 43.80	42.302	+ 9.27	− 3.4	8 54 40.88	.....	+42 8 43.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 3 5	29.89	31.0	29.8
3 22	......	....	29.6
3 45	29.895	30.4	29.1
4 8	......	....	28.9
4 16	29.88	30.0	[illegible]
4 53	29.88	29.4	28.3
5 19	......	....	28.0
5 33	29.86	29.3	27.9
6 48	29.84	28.7	27.6
7 10	......	....	27.5
7 25	......	....	27.5
7 44	29.83	28.3	27.1
8 10	......	....	27.1
8 25	29.82	28.5	27.2
8 41	......	....	27.9
8 56	29.80	28.7	28.0

Micrometer bisections are made at II, VI, except as noted below.

1. 30.	Bisections at II, VI, VII.
2, 8, 10, 21, 52.	Bisections at III, V.
3, 4, 7, 27, 29.	Bisections at III, IV, V.
9, 13, 25, 26, 44.	Bisections at I, II.
18.	Bisections at I, II, VI, VII.
24.	Bisections at VI, VII.
36, 48, 51, 53.	Bisections at I, II, VI.
39.	Bisections at I, II, III.
40.	Bisections at V, VI, VII.
42.	Bisections at III, V, VI.

Notes.

18.	Unsteady.
48-53.	Conditions poor; clouds.
50, 53.	Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
39	+15 16.2	−14 43.1	...	+ 33.1
40	+15 43.2	+14 43.1	− 0.2	+30 26.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	January 18, M.-P.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Eridani................	9	11 14.41	+ 0.38	+ 6.75	47 59 47.22	46.010	+ 9.18	+1 6.9	3 11 21.54	+ 0.28	− 9 9 54.2	+12.0
2	1 H. Ursæ Minoris s. p. ..	9	13 25.21	+ 0.70	+ 6.75	286 35 42.98	46.360	+ 9.18	−3 18.6	15 13 32.66	.....	+67 41 32.6	....
3	ο Tauri.................	9	19 44.21	+ 0.38	+ **6.79**	30 7 45.60	47.178	+ 9.18	+ 35.0	3 19 51.34	.....	+ 8 42 12.4	....
4	s Tauri.................	9	25 15.27	+ 0.38	+ 6.75	27 49 46.60	44.775	+ 9.18	+ 31.9	3 25 22.40	+ 0.26	+11 1 9.4	+ 5.4
5	ε Eridani................	9	28 28.40	+ 0.38	+ **6.78**	48 35 46.82	47.232	+ 9.18	+1 8.4	3 28 35.53	.....	− 9 46 23.4	....
6	11 H^1. Camelopardalis....	9	34 2.96	+ 0.25	+ 6.76	335 55 41.98	47.220	+ 9.18	− 26.8	3 34 9.97	− 0.20	+62 55 16.6	− 9.0
7	δ Persei.................	9	36 15.04	+ 0.33	+ 6.76	351 21 43.58	45.305	+ 9.18	− 9.1	3 36 22.13	.....	+47 29 41.3	....
8	δ Fornacis...............	9	38 28.25	+ 0.35	+ 6.76	71 1 48.50	47.440	+ 9.18	+2 54.3	3 38 35.36	− 0.07	−32 14 15.4	+17.6
9	5 H. Camelopardalis.....	9	40 31.70	+ 0.16	+ 6.76	327 49 41.92	42.840	+ 9.18	− 37.8	3 40 38.62	.....	+71 3 7.9	....
10	τ^6 Eridani................	9	42 46.23	+ 0.37	+ 6.76	62 19 47.55	48.258	+ 9.18	+1 54.7	3 42 53.36	.....	−23 31 33.8	....
11	γ Eridani................	9	53 37.08	+ 0.38	+ **6.75**	52 35 44.35	46.960	+ 9.18	+1 18.8	3 53 44.22	.....	−13 46 25.1	....
12	λ Persei.................	9	59 36.52	+ 0.32	+ 6.76	348 45 43.18	44.130	+ 9.18	− 11.9	3 59 43.60	− 0.09	+50 6 11.3	− 5.6
13	ψ Tauri.................	9	1 11.80	+ 0.37	+ 6.76	10 5 44.20	45.808	+ 9.18	+ 10.8	4 1 18.93	+ 0.07	+28 45 9.2	+ 0.1
14	43 Tauri.................	9	3 41.02	+ 0.37	+ 6.76	19 27 45.15	48.590	+ 9.18	+ 21.4	4 3 48.15	.....	+19 21 54.1	....
15	o^1 Eridani................	9	7 15.26	+ 0.38	+ **6.83**	45 55 47.05	43.372	+ 9.18	+1 2.2	4 7 22.40	.....	− 7 4 49.3	....
16	μ Tauri.................	9	10 25.06	+ 0.38	+ 6.76	30 11 45.10	43.495	+ 9.18	+ 35.1	4 10 32.20	+ 0.04	+ 8 39 37.0	+ 5.9
17	υ^4 Eridani................	9	14 17.99	+ 0.36	+ 6.76	72 49 48.22	45.055	+ 9.18	+3 13.4	4 14 25.11	.....	−34 1 39.9	....
18	10 Camelopardalis........	8	55 7.40	+ 0.27	+ 6.76	338 33 44.20	43.570	+ 9.18	− 23.6	4 55 14.43	.....	+60 18 34.8	....
19	11 Orionis................	9	59 11.66	+ 0.37	+ **6.80**	23 33 46.90	46.780	+ 9.18	+ 26.4	4 59 18.79	.....	+15 16 28.8	....
20	ζ Draconis s. p.	9	8 20.60	+ 0.68	+ 6.76	284 45 39.75	42.293	+ 9.18	−3 44.6	17 8 28.04	.....	+65 49 30.5	....
21	λ Leporis................	9	15 13.38	+ 0.38	+ 6.76	52 5 45.02	47.140	+ 9.18	+1 17.5	5 15 20.52	− 0.36	−13 16 28.6	+ 9.9
22	γ Orionis................	9	20 4.84	+ 0.38	+ **6.81**	32 33 46.52	47.850	+ 9.18	+ 38.6	5 20 11.99	.....	+ 6 15 52.5	....
23	α Leporis................	9	28 33.65	+ 0.38	+ **6.80**	56 43 46.12	43.802	+ 9.18	+1 31.9	5 28 40.80	.....	−17 53 27.6	....
24	θ^1 Orionis................	9	30 38.54	+ 0.38	+ 6.77	44 17 47.02	44.412	+ 9.18	+ 59.0	5 30 45.69	− 0.34	− 5 27 9.6	+ 7.9
25	f Draconis s. p.	9	32 9.22	+ 0.71	+ 6.77	287 5 41.15	46.020	+ 9.18	−3 13.2	17 32 16.70	+ 3.04	+68 11 28.4	+ 8.4
	January 18, P.-M.												
26	θ Canis Majoris...........	9	49 48.52	+ 0.44	+ **6.62**	50 45 44.70	44.758	+ 8.77	+1 14.3	6 49 55.67	.....	−11 55 30.2	....
27	υ Draconis s. p.	9	55 20.36	+ 0.84	+ 6.71	290 5 43.90	41.785	+ 8.79	−2 44.0	18 55 27.91	+ 3.77	+71 10 23.2	+ 4.0
28	22 Canis Majoris...........	9	57 57.15	+ 0.43	+ 6.71	66 37 46.02	43.902	+ 8.80	+2 19.9	6 58 4.29	− 0.88	−27 48 17.6	+ 6.1
29	δ Canis Majoris...........	9	4 32.86	+ 0.43	+ 6.71	65 3 47.40	45.940	+ 8.82	+2 10.1	7 4 40.00	.....	−26 14 55.8	....
30	51 Geminorum.............	9	7 58.74	+ 0.42	+ 6.71	22 31 45.08	45.935	+ 8.83	+ 25.2	7 8 5.87	.....	+16 18 51.4	....
31	64 Aurigæ................	9	11 32.11	+ 0.39	+ 6.71	357 47 44.75	47.372	+ 8.85	− 2.2	7 11 39.21	− 0.61	+41 2 46.2	+ 1.8
32	29 Canis Majoris...........	9	14 44.27	+ 0.44	+ 6.71	63 11 45.42	48.080	+ 8.86	+1 59.8	7 14 51.42	− 0.82	−24 23 32.5	+ 5.1
33	66 Aurigæ................	9	17 40.02	+ 0.39	+ 6.71	357 59 44.70	46.942	+ 8.87	− 2.0	7 17 47.12	.....	+40 50 55.9	....
34	143 B. Camelopardalis.....	9	21 13.97	+ 0.21	+ 6.72	330 11 42.32	47.658	+ 8.88	− 34.5	7 21 20.90	.....	+68 39 14.4	....
35	108 G. Puppis.............	9	30 0.59	+ 0.44	+ 6.72	60 55 47.48	44.238	+ 8.91	+1 48.7	7 30 7.75	− 0.78	−22 5 55.7	+ 4.2
36	α Canis Minoris..........	9	34 22.64	+ 0.44	+ 6.72	33 23 45.30	43.408	+ 8.93	+ 39.9	7 34 29.80	.....	+ 5 27 34.2	....
37	26 Monocerotis............	9	36 44.67	+ 0.44	+ 6.72	48 9 45.38	46.995	+ 8.94	+1 7.6	7 36 51.83	.....	− 9 20 15.5	....
38	β Geminorum.............	9	39 34.73	+ 0.41	+ **6.69**	10 35 42.82	46.558	+ 8.95	+ 11.4	7 39 41.86	.....	+28 14 53.0	....
39	166 B. Camelopardalis.....	9	49 8.07	+ 0.11	+ 6.72	324 41 43.48	46.378	+ 8.98	− 42.7	7 49 14.90	.....	+74 9 50.6	....
40	χ Geminorum.............	9	57 45.66	+ 0.41	+ **6.67**	10 47 43.35	45.955	+ 9.01	+ 11.6	7 57 52.79	.....	+28 3 6.1	....
41	ρ Argus..................	9	3 31.41	+ 0.44	+ 6.72	62 51 46.32	45.050	+ 9.03	+1 58.0	8 3 38.57	.....	−24 2 22.3	....
42	ψ Cancri.................	9	4 48.24	+ 0.41	+ 6.72	13 3 43.60	45.718	+ 9.03	+ 14.1	8 4 55.37	− 0.48	+25 47 8.7	+ 3.6
43	β Cancri.................	9	11 25.02	+ 0.43	+ **6.66**	29 21 45.12	47.520	+ 9.06	+ 34.2	8 11 32.17	.....	+ 9 28 6.0	....
44	η Cancri.................	9	27 16.74	+ 0.42	+ **6.74**	18 5 45.20	45.362	+ 9.11	+ 19.9	8 27 23.88	.....	+20 45 9.4	....
45	Moon N.................	.	.. ..	....	....	18 3 44.20	43.695	+ 9.13	+ 19.8	.. ..	.....	+20 47 47.3	....
46	Moon II, S.............	9	32 35.36	+ 0.43	+ 6.72	18 33 44.80	43.413	+ 9.13	+ 20.4	8 32 42.51	−65.29	+20 17 55.1	....
47	6 Hydræ.................	9	35 33.42	+ 0.44	+ 6.72	50 59 46.00	43.430	+ 9.14	+1 14.8	8 35 40.58	.....	−12 9 2.1	....
48	δ Cancri.................	9	39 20.84	+ 0.42	+ **6.72**	20 21 43.32	44.450	+ 9.16	+ 22.6	8 39 27.98	.....	+18 29 29.4	....
49	ρ^1 Cancri.................	9	47 0.52	+ 0.41	+ 6.72	10 9 42.82	46.608	+ 9.18	+ 10.9	8 47 7.65	− 0.45	+28 40 52.2	+ 4.3
50	ζ Hydræ.................	9	50 25.27	+ 0.44	+ **6.69**	32 33 45.98	43.112	+ 9.19	+ 38.8	8 50 32.43	.....	+ 6 17 41.3	....
51	ι Ursæ Majoris..........	9	52 48.47	+ 0.37	+ 6.72	350 27 41.62	44.360	+ 9.20	− 10.1	8 52 55.56	.....	+48 24 5.8	....
52	10 Ursæ Majoris..........	9	54 33.84	+ 0.38	+ 6.72	356 43 49.45	42.062	+ 9.21	− 3.4	8 54 40.94	.....	+42 8 43.7	....
	January 19, Hl.												
53	Moon II, S.............	9	23 29.86	+ 0.38	+ 6.90	20 59 44.25	47.268	+ 9.37	+ 23.4	9 23 37.14	−64.32	+17 50 23.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 3 9	29.99	33.3	33.3
3 21	.....	....	33.0
3 47	29.98	32.2	33.2
4 16	29.98	31.5	33.1
4 53	29.98	31.3	33.0
5 21	.....	....	32.1
5 34	29.98	30.7	31.9
6 48	29.99	29.6	30.0
7 9	.....	....	29.7
7 41	29.97	29.9	31.3
8 0	.....	....	30.4
8 7	.....	....	30.0
8 25	29.97	29.8	30.0
8 46	.....	....	29.8
8 56	29.97	29.0	29.8
19 9 9	30.23	32.2	32.0

Micrometer bisections are made at II, VI, except as noted below.

1, 6–8, 12, 23, 24, 41, 50, 51.	Bisections at I, II.
2, 20, 27.	Bisections at III, IV, V.
9, 18, 25, 34, 39.	Bisections at III, V.
17.	Bisections at I, II, VI, VII.
28.	Bisections at II, VII.
38.	Bisections at II, VI, VII.
45.	Bisections at I, II, III.
46.	Bisections at V, VI, VII.
53.	Bisections at II, III, V, VI.

Notes.

2, 17. Very poor.

20. Very poor; hazy.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
45	+16 35.5	−14 42.8	...	+ 1 52.7
46	+17 2.2	+14 42.8	− 0.1	+31 44.9
53	+19 14.1	+14 44.7	...	+33 58.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Hydræ	9	5 59.32	+ 0.38	+ **6.89**	50 44	......	....	. ....	10 6 6.60	.....	−11 53	....
2	ζ Leonis	9	11 27.54	+ 0.37	+ **6.92**	14 58	......	....	. ....	10 11 34.81	.....	+23 52	....
3	22 Sextantis	6	12 56.57	+ 0.38	+ 6.90	46 25 45.90	47.882	+ 9.40	+1 4.2	10 13 3.85	.....	− 7 36 33.6	....
4	31 Leonis Minoris	9	22 27.13	+ 0.36	+ 6.91	1 39 44.25	47.675	+ 9.40	+ 1.9	10 22 34.40	.....	+37 10 35.2	....
5	ρ Leonis	9	27 51.05	+ 0.38	+ **6.89**	29 4	......	....	. ....	10 27 58.34	.....	+ 9 46	....
6	226 B. Cephei s. P.	9	30 28.14	+ 0.88	+ 6.91	294 39 40.80	42.825	+ 9.40	−2 11.8	22 30 35.93	.....	+75 45 16.6	....
7	33 Sextantis	9	36 36.36	+ 0.38	+ 6.91	40 5 45.58	45.622	+ 9.40	+ 51.4	10 36 43.65	.....	− 1 15 28.5	....
8	*l* Leonis	9	44 18.19	+ 0.38	+ **6.94**	27 47 46.42	48.162	+ 9.40	+ 32.2	10 44 25.48	.....	+11 1 51.8	....
9	B. D. +57°1296	9	48 34.67	+ 0.29	+ 6.91	341 37 43.60	47.698	+ 9.40	− 20.2	10 48 41.87	− 0.54	+57 12 57.3	+ 9.9
10	36 H. Cephei s. P.	9	54 54.87	+ 1.42	+ 6.91	302 43 40.78	46.823	+ 9.40	−1 34.4	22 55 3.20	+ 7.05	+83 51 25.4	− 9.9
11	π Cephei s. P.	9	4 47.19	+ 0.86	+ 6.91	293 45 40.28	49.182	+ 9.40	−2 17.2	23 4 54.96	.....	+74 53 35.0	....
12	*n* Leonis	8	10 55.93	+ 0.37	+ 6.91	25 1 45.70	46.722	+ 9.40	+ 28.6	11 11 3.21	− 0.01	+13 48 28.6	+ 3.0
13	249 B. Ursæ Majoris	9	17 17.53	+ 0.23	+ 6.91	334 1 41.62	45.932	+ 9.40	− 29.6	11 17 24.67	.....	+64 49 48.9	....
14	39 H. Cephei s. P.	9	27 27.33	+ 2.34	+ 6.91	305 39 40.50	48.520	+ 9.40	−1 24.6	23 27 36.58	.....	+86 48 13.3	....
15	β Leonis	9	44 14.69	+ 0.37	+ **6.91**	23 45 46.28	45.158	+ 9.40	+ 27.0	11 44 21.97	.....	+15 5 5.8	....
16	π Virginis	9	56 2.07	+ 0.38	+ **6.88**	31 43 45.38	43.410	+ 9.40	+ 37.8	11 56 9.36	.....	+ 7 7 35.9	....
17	*o* Virginis	9	0 23.92	+ 0.38	+ **6.89**	29 35 44.72	46.208	+ 9.40	+ 34.8	12 0 31.21	.....	+ 9 14 35.6	....
18	1 Canum Venaticorum	9	10 2.83	+ 0.31	+ 6.92	344 53 42.00	48.642	+ 9.40	− 16.4	12 10 10.06	+ 0.06	+53 56 33.6	+11.8
19	6 B. Ursæ Minoris	5	14 33.16	− 2.81	+ 6.92	310 39 39.30	46.407	+ 9.40	−1 10.9	12 14 37.27	.....	+88 12 21.7	....
20	δ Corvi	9	24 58.57	+ 0.37	+ **6.96**	54 48	......	....	. ....	12 25 5.86	.....	−16 0	....
	January 20, Hl.												
21	Sun I, N	9	4 25.31	+ 0.42	+ 6.94	58 51 47.38	46.612	+ 9.04	+1 38.1	20 4 32.67	+69.59	−20 2 38.9	....
22	Sun II. S	9	6 44.48	+ 0.42	+ 6.94	59 23 46.95	47.795	+ 9.04	+1 40.2	20 6 51.84	−69.58	−20 35 8.4	....
23	α Trianguli	9	47 41.92	+ 0.36	+ **6.96**	9 43 46.98	43.972	+ 7.59	+ 10.2	1 47 49.24	.....	+29 7 50.5	....
24	ν Fornacis	9	0 14.12	+ 0.30	+ 6.96	68 33 48.70	44.378	+ 7.59	+2 29.2	2 0 21.38	+ 0.71	−29 44 39.2	+19.0
25	ξ^1 Ceti	9	7 59.28	+ 0.36	+ **7.00**	30 25 45.80	45.662	+ 7.59	+ 34.7	2 8 6.60	.....	+ 8 24 48.7	....
26	67 Ceti	9	12 15.72	+ 0.35	+ **6.91**	45 42	......	....	. ....	2 12 23.03	.....	− 6 50	....
27	μ Ceti	9	39 50.18	+ 0.36	+ **6.96**	29 7 46.95	44.055	+ 7.59	+ 32.9	2 39 57.50	.....	+ 9 43 26.3	....
28	ζ Arietis	9	9 28.93	+ 0.36	+ **7.00**	18 9 45.90	42.740	+ 7.59	+ 19.4	3 9 36.25	.....	+20 42 10.7	....
29	η Tauri	9	41 53.26	+ 0.36	+ **7.00**	15 2	......	....	. ....	3 42 0.59	.....	+23 49	....
30	*A* Tauri	9	59 7.88	+ 0.36	+ **6.91**	17 2	......	....	. ....	3 59 15.21	.....	+21 49	....
	January 21, M.												
31	Sun I, S	9	8 39.48	+ 0.35	+ 7.11	59 11 46.30	45.750	+ 9.42	+1 37.5	20 8 46.94	+69.56	−20 22 17.9	....
32	Sun II, N	9	10 58.61	+ 0.35	+ 7.11	58 39 45.02	44.490	+ 9.42	+1 35.5	20 11 6.07	−69.57	−19 49 46.6	....
	January 21, P.												
33	Moon II, S	9	0 48.37	+ 0.29	+ 7.13	28 15 46.58	48.170	+ 8.50	+ 31.2	11 0 55.79	−62.60	+10 33 53.2	....
34	δ Leonis	9	9 5.76	+ 0.28	+ **7.13**	17 49 46.22	44.340	+ 8.50	+ 18.7	11 9 13.17	.....	+21 1 33.7	....
35	*n* Leonis	9	10 55.91	+ 0.28	+ 7.13	25 1 46.10	46.810	+ 8.50	+ 27.1	11 11 3.32	− 0.06	+13 48 28.8	+ 3.2
36	249 B. Ursæ Majoris	9	17 17.36	+ 0.19	+ 7.13	334 1 41.35	45.892	+ 8.50	− 28.1	11 17 24.68	.....	+64 49 49.7	....
37	58 Ursæ Majoris	9	25 25.41	+ 0.27	+ 7.13	355 9 42.68	48.288	+ 8.50	− 4.8	11 25 32.81	− 0.15	+43 40 30.4	+ 9.3
38	ξ Hydræ	9	28 21.47	+ 0.23	+ 7.13	70 9 46.50	44.337	+ 8.50	+2 39.6	11 28 28.83	.....	−31 20 47.5	....
39	β Leonis	9	44 14.63	+ 0.28	+ **7.12**	23 45 45.18	45.320	+ 8.50	+ 25.6	11 44 22.04	.....	+15 5 5.3	....
40	π Virginis	9	56 2.01	+ 0.28	+ **7.10**	31 43 45.45	43.542	+ 8.50	+ 35.9	11 56 9.42	.....	+ 7 7 35.4	....
41	*o* Virginis	9	0 23.85	+ 0.28	+ **7.12**	29 35 45.65	46.320	+ 8.50	+ 33.0	12 0 31.26	.....	+ 9 14 34.6	....
42	δ Ursæ Majoris	9	10 45.42	+ 0.23	+ 7.13	341 17 43.30	49.255	+ 8.50	− 19.5	12 10 52.78	.....	+57 32 22.3	....
43	η Virginis	9	15 4.33	+ 0.28	+ **7.14**	38 59 48.40	45.450	+ 8.50	+ 47.0	12 15 11.74	.....	− 0 9 22.2	....
44	x^2 Centauri	9	20 23.34	+ 0.22	+ 7.13	73 27 48.85	47.104	+ 8.50	+3 13.7	12 20 30.69	+ 0.05	−34 40 27.0	−12.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 9 25	......	....	32.0
9 56	30.23	31.7	31.6
10 19	......	....	31.0
10 42	30.23	30.8	30.9
11 20	......	....	30.7
11 34	......	....	30.0
11 40	30.22	29.9	30.0
12 6	......	....	29.7
12 28	30.205	29.2	29.0
20 20 7	30.14	41.0	43.0
1 30	30.17	46.0	45.8
1 53	......	....	45.0
2 4	......	....	45.0
2 31	......	....	43.9
3 6	......	....	42.8
3 45	30.03	43.1	42.4
21 20 11	29.90	46.8	48.1
10 57	29.64	46.2	46.2
11 20	......	....	46.3
11 40	......	....	46.1
12 5	29.63	46.0	46.0
12 21	......	....	45.4

Micrometer bisections are made at II, VI, except as noted below.

3, 12, 22, 32. Bisections at VI, VII.
6. Bisections at III, IV.
7, 8, 11, 15–18, 21, 27, 31, 34. Bisections at I, II.
10. Bisections at b_2, b_5, b_6.
14. Bisections at III, IV, V.
19. Bisections at b_5, b_6, b_8.
23, 38. Bisections at II, VI, VII.
33. Bisections at II, III, IV, V, VII.
36, 37, 42. Bisections at III, V.
44. Bisections at I, II, VI, VII.

Notes.

14. Micrometer reading decreased 1 rev.
34. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
21	+ 7.6	−16 14.7	...	−16 7.1
22	+ 7.7	+16 14.7	...	+16 22.4
31	+ 7.7	+16 15.6	...	+16 23.3
32	+ 7.6	−16 15.6	...	−16 8.0
33	+25 39.8	+14 51.6	...	+40 31.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ′	h m s	s	° ′ ″	″
1	20 Comæ Berenices.......	9	24 58.29	+ 0.28	+ 7.13	17 25 43.88	47.985	+ 8.50	+ 18.3	12 25 5.70	.....	+21 24 13.0	....
2	23 Comæ Berenices.......	9	30 8.34	+ 0.28	+ 7.13	15 41 46.12	48.480	+ 8.50	+ 16.4	12 30 15.75	.....	+23 8 1.3	....
3	21 Cassiopeiæ s. p.	9	39 23.57	+ 0.66	+ 7.13	293 21 39.70	48.327	+ 8.50	−2 12.9	0 39 31.36	.....	+75 29 19.3	....
4	35 Virginis..............	9	43 2.50	+ 0.28	+ **7.19**	34 45 44.78	46.322	+ 8.50	+ 40.3	12 43 9.91	.....	+ 4 4 27.9	....
5	31 Comæ Berenices.......	9	47 5.32	+ 0.28	+ **7.12**	10 47 43.78	48.015	+ 8.50	+ 11.1	12 47 12.73	.....	+28 2 19.6	....
6	12 Canum Venaticorum...	9	51 35.83	+ 0.28	+ 7.14	0 1 43.65	47.500	+ 8.50	+ 0.1	12 51 43.25	.....	+38 48 42.4	....
7	70 Virginis..............	9	23 47.81	+ 0.28	+ 7.14	24 33 45.05	47.890	+ 8.50	+ 26.6	13 23 55.23	.....	+14 16 5.7	....
8	17 H. Canum Venaticorum.	9	30 33.42	+ 0.28	+ 7.14	1 11 43.90	46.655	+ 8.50	+ 1.3	13 30 40.84	.....	+37 39 0.2	....
	January 22, P.												
9	Sun I, S..............	9	12 53.36	+ 0.22	+ 7.16	58 57 45.82	47.978	+ 8.86	+1 34.5	20 13 0.74	+69.54	−20 9 4.8	....
10	Sun II, N..............	9	15 12.43	+ 0.22	+ 7.16	58 25 44.68	46.620	+ 8.86	+1 32.5	20 15 19.81	−69.53	−19 36 31.4	....
11	Mercury C, C..........	9	39 3.63	+ 0.22	+ 7.16	59 23 45.18	46.110	+ 8.83	+1 36.0	20 39 11.01	0.00	−20 34 22.7	....
12	1 H¹. Camelopardalis	9	11 45.53	+ 0.28	+ 7.18	333 33 41.20	42.520	+ 8.84	− 29.2	3 11 52.99	+ 0.09	+65 19 7.7	−10.4
13	τ¹ Arietis...............	9	15 47.02	+ 0.28	+ **7.15**	18 1 43.68	46.195	+ 8.84	+ 19.3	3 15 54.48	.....	+20 48 52.8	....
14	o Tauri.................	9	19 43.84	+ 0.27	+ **7.23**	30 7 43.85	47.280	+ 8.84	+ 34.3	3 19 51.29	.....	+ 8 42 12.8	....
15	σ Persei................	9	23 57.36	+ 0.30	+ 7.19	351 11 41.18	42.618	+ 8.84	− 9.1	3 24 4.85	+ 0.24	+47 40 45.3	− 6.0
16	11 H¹. Camelopardalis.....	9	34 2.43	+ 0.28	+ 7.19	335 55 40.32	47.318	+ 8.84	− 26.3	3 34 9.90	− 0.06	+62 55 16.0	− 9.6
17	δ Persei................	9	36 14.65	+ 0.30	+ 7.19	351 21 43.02	45.355	+ 8.84	− 8.9	3 36 22.14	.....	+47 29 40.8	....
18	5 H. Camelopardalis.....	9	40 31.09	+ 0.27	+ 7.19	327 49 41.30	42.880	+ 8.84	− 37.1	3 40 38.55	.....	+71 3 7.2	....
19	ξ Persei................	9	52 51.94	+ 0.30	+ 7.19	3 19 42.55	44.940	+ 8.84	+ 3.5	3 52 59.43	.....	+35 31 38.3	....
20	c Persei................	9	1 51.33	+ 0.30	+ 7.19	351 23 43.15	44.245	+ 8.84	− 8.9	4 1 58.82	.....	+47 28 5.9	....
21	19 Ursæ Minoris s. p.	9	13 15.20	+ 0.47	+ 7.19	294 59 39.92	45.545	+ 8.84	−2 5.8	16 13 22.86	.....	+76 6 23.3	....
22	δ Tauri.................	9	17 30.19	+ 0.28	+ **7.15**	21 31 44.15	44.230	+ 8.84	+ 23.4	4 17 37.66	.....	+17 19 33.1	....
23	ε Tauri.................	9	23 7.13	+ 0.28	+ **7.17**	19 51 44.12	46.975	+ 8.84	+ 21.5	4 23 14.60	.....	+18 58 32.3	....
24	A Draconis s. p.	9	27 59.39	+ 0.44	+ 7.19	287 51 39.75	46.543	+ 8.84	−3 0.8	16 28 7.02	.....	+68 57 51.0	....
25	τ Tauri.................	9	36 35.87	+ 0.28	+ **7.21**	16 3 44.75	46.445	+ 8.84	+ 17.1	4 36 43.34	.....	+22 46 48.2	....
26	μ Eridani...............	9	40 46.78	+ 0.25	+ **7.20**	42 15 45.28	45.728	+ 8.84	+ 53.8	4 40 54.22	.....	− 3 25 32.6	....
27	57 H¹. Camelopardalis.....	9	52 57.55	+ 0.26	+ 7.19	324 55 40.48	45.865	+ 8.84	− 41.4	4 53 5.00	− 1.58	+73 56 4.1	− 9.2
28	11 Orionis...............	9	59 11.31	+ 0.27	+ **7.23**	23 33 45.05	46.872	+ 8.84	+ 25.9	4 59 18.77	.....	+15 16 29.3	....
	January 22, M.												
29	π Cephei s. p.	9	4 46.76	+ 0.56	+ 7.29	293 45 39.42	48.913	+ 9.14	−2 14.0	23 4 54.61	.....	+74 53 31.9	....
30	θ Leonis................	9	9 17.33	+ 0.31	+ **7.29**	22 56	......	....	.....	11 9 24.93	.....	+15 55	....
31	ξ Ursæ Majoris (*mean*)...	9	13 9.18	+ 0.33	+ 7.29	6 47 42.85	47.345	+ 9.14	+ 7.2	11 13 16.80	.....	+32 2 39.1	....
32	249 B. Ursæ Majoris.......	9	17 17.14	+ 0.30	+ 7.29	334 1 49.12	45.890	+ 9.14	− 29.0	11 17 24.73	.....	+64 49 50.3	....
33	e Leonis................	9	25 29.33	+ 0.29	+ 7.29	41 19 44.40	46.380	+ 9.14	+ 52.6	11 25 36.91	− 0.06	− 2 29 45.7	− 1.0
34	ξ Hydræ................	9	28 21.28	+ 0.21	+ 7.29	70 9 46.40	44.075	+ 9.14	+2 44.7	11 28 28.78	.....	−31 20 47.0	....
35	Moon II, S............	9	47 49.95	+ 0.32	+ 7.29	32 45 42.92	46.714	+ 9.14	+ 38.6	11 47 57.56	−62.25	+ 6 4 22.0	....
36	ρ Virginis...............	9	37 5.77	+ 0.31	+ **7.34**	28 6	......	....	.....	12 37 13.38	.....	+10 44	....
37	35 Virginis..............	9	43 2.40	+ 0.30	+ **7.30**	34 44	......	....	.....	12 43 10.00	.....	+ 4 4	....
38	31 Comæ Berenices.......	9	47 5.18	+ 0.32	+ **7.26**	10 48	......	....	.....	12 47 12.80	.....	+28 2	....
39	ε Virginis...............	9	57 27.83	+ 0.31	+ **7.29**	27 22	......	....	.....	12 57 35.44	.....	+11 27	....
	January 24, P.												
40	Venus I, C............	9	30 15.51	+ 0.47	+ 7.47	49 49 45.68	46.344	+ 8.05	+1 11.4	22 30 23.45	+ 0.56	−11 0 3.9	....
41	Venus II..............	9	30 16.48	+ 0.47	+ 7.47	... .	......	....	.....	22 30 24.42	− 0.41	.. ..	....
	January 24, Hl.												
42	μ Ceti..................	9	39 49.50	+ 0.42	+ **7.52**	29 7 46.12	44.050	+ 8.24	+ 33.9	2 39 57.45	.....	+ 9 43 25.4	....
43	ζ Arietis................	9	9 28.33	+ 0.41	+ **7.50**	18 9 44.80	42.760	+ 8.24	+ 20.0	3 9 36.27	.....	+20 42 10.1	....
44	B. D.+38°701.........	9	15 11.22	+ 0.38	+ 7.53	0 27 44.98	46.230	+ 8.24	+ 0.6	3 15 19.13	+ 0.38	+38 23 9.9	− 3.4
45	B. D.+37°768.........	9	19 46.94	+ 0.38	+ 7.53	0 55 37.90	46.405	+ 8.24	+ 1.1	3 19 54.85	+ 0.35	+37 55 12.5	− 3.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 12 35	29.63	45.2	45.5
13 6	......	....	45.1
13 32	29.64	45.0	45.0
22 20 15	29.72	53.6	56.5
20 40	29.725	54.1	57.0
3 9	29.89	42.8	41.5
3 30	......	....	40.5
3 56	29.90	41.2	40.0
4 20	......	....	39.9
4 41	......	....	39.9
5 3	29.885	40.5	39.5
11 2	29.84	36.5	35.7
11 22	......	....	34.8
11 32	......	....	34.2
11 48	29.835	34.8	34.0
24 22 31	29.67	29.0	27.9
2 31	29.71	25.7	25.0
2 45	......	....	24.9
3 6	29.715	25.0	24.1
3 12	......	....	24.0

Micrometer bisections are made at II, VI, except as noted below.

3, 21, 24, 29.	Bisections at III, IV, V.
4, 10.	Bisections at VI, VII.
6.	Bisections at II, VII.
8.	Bisections at II, VI, VII.
9, 11.	Bisections at I, II.
12, 16–18, 27, 32.	Bisections at III, V.
35.	Bisections at II, III, IV, V, VI.
40.	Bisections at I, II, VI, VII.

Notes.

3.	Faint.
6, 7.	Clouds.
27, 32, 33.	Haze.
42.	Poor image; windy.
44, 45.	Observed head south.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+ 7.6	+16 16.7	...	+16 24.3
10	+ 7.6	−16 16.7	...	−16 9.1
11	+ 5.5	.. ....	0.0	+ 5.5
35	+29 32.9	+14 58.0	...	+44 30.9
40	+ 5.0	.. ....	+0.1	+ 5.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+38°737	9	24 59.56	+ 0.38	+ 7.54	0 1 44.65	44.022	+ 8.24	+ 0.1	3 25 7.48	+ 0.32	+38 50 1.2	− 3.4
2	ε Eridani	9	28 27.51	+ 0.43	+ **7.55**	48 36	......	....	. ....	3 28 35.48	....	− 9 46	....
3	B. D.+38°771	9	32 46.42	+ 0.38	+ 7.54	0 25 43.35	47.458	+ 8.24	+ 0.5	3 32 54.34	+ 0.27	+38 24 43.6	− 3.3
4	δ Eridani	9	38 42.33	+ 0.43	+ **7.52**	48 53 46.02	48.085	+ 8.24	+1 9.9	3 38 50.30	....	−10 4 42.7	....
5	B. D.+37°833	9	43 52.49	+ 0.38	+ 7.54	1 15 43.05	44.948	+ 8.24	+ 1.4	3 44 0.41	+ 0.21	+37 35 40.3	− 2.9
6	B. D.+39°887	9	48 38.56	+ 0.37	+ 7.54	359 15 44.95	45.875	+ 8.24	− 0.7	3 48 46.47	+ 0.18	+39 35 19.3	− 3.5
7	B. D.+39°921	9	59 7.70	+ 0.37	+ 7.54	358 49 44.18	41.430	+ 8.24	− 1.2	3 59 15.61	+ 0.12	+40 3 2.2	− 3.5
8	43 Tauri	9	3 40.22	+ 0.40	+ 7.54	19 29 44.40	43.382	+ 8.24	+ 21.6	4 3 48.16	....	+19 21 54.6	....
9	B. D.+36°857	9	8 46.78	+ 0.38	+ 7.54	2 35 43.75	43.452	+ 8.24	+ 2.8	4 8 54.70	+ 0.08	+36 16 12.2	− 2.3
10	B. D.+39°973	9	13 51.59	+ 0.37	+ 7.54	359 13 44.15	47.958	+ 8.24	− 0.7	4 13 59.50	+ 0.04	+39 36 32.5	− 3.2
11	B. D.+38°886	9	18 58.93	+ 0.37	+ 7.54	359 59 44.58	47.868	+ 8.24	+ 0.1	4 19 6.84	+ 0.02	+38 50 33.4	− 2.9
12	B. D.+39°1007	9	23 58.88	+ 0.36	+ 7.54	359 29 43.25	46.488	+ 8.24	− 0.5	4 24 6.78	− 0.01	+39 21 6.8	− 2.9
13	B. D.+38°915	9	28 50.82	+ 0.37	+ 7.54	0 9 44.22	44.018	+ 8.24	+ 0.2	4 28 58.73	− 0.04	+38 42 1.6	− 2.7
14	53 Eridani	9	33 50.24	+ 0.43	+ **7.44**	53 20	......	....	. ....	4 33 58.21	....	−14 29	....
15	B. D.+38°927	9	36 26.21	+ 0.37	+ 7.54	0 35 43.55	46.555	+ 8.24	+ 0.7	4 36 34.12	− 0.07	+38 15 3.8	− 2.4
16	μ Eridani	9	40 46.24	+ 0.43	+ **7.54**	42 16	......	....	. ....	4 40 54.21	....	− 3 25	....
17	B. D.+37°968	9	43 10.83	+ 0.37	+ 7.54	1 41 44.65	42.942	+ 8.24	+ 1.9	4 43 18.74	− 0.10	+37 10 24.1	− 2.0
18	B. D.+39°1105	9	48 38.92	+ 0.36	+ 7.54	359 5 43.48	45.920	+ 8.24	− 0.9	4 48 46.82	− 0.14	+39 45 20.0	− 2.6
19	B. D.+39°1134	9	53 54.95	+ 0.36	+ 7.54	359 19 44.32	46.830	+ 8.24	− 0.6	4 54 2.85	− 0.16	+39 30 58.0	− 2.5
20	ι Tauri	9	57 27.92	+ 0.40	+ **7.55**	17 24	......	....	. ....	4 57 35.86	....	+21 27	....
21	B. D.+39°1169	9	59 56.68	+ 0.36	+ 7.54	358 55 43.28	47.458	+ 8.24	− 1.1	5 0 4.58	− 0.20	+39 54 45.2	− 2.4
22	B. D.+37°1076	8	5 11.87	+ 0.36	+ 7.54	1 39 43.52	46.140	+ 8.24	+ 1.8	5 5 19.77	− 0.20	+37 11 12.2	− 1.7
23	B. D.+39°1236	9	10 43.06	+ 0.36	+ 7.55	359 29 43.42	44.940	+ 8.24	− 0.5	5 10 50.97	− 0.24	+39 21 42.0	− 2.1
24	B. D.+37°1160	9	16 11.54	+ 0.36	+ 7.55	1 15 43.10	46.302	+ 8.24	+ 1.4	5 16 19.45	− 0.25	+37 35 9.3	− 1.6
25	B. D.+37°1196	9	21 19.44	+ 0.36	+ 7.55	1 13 43.72	43.260	+ 8.24	+ 1.4	5 21 27.35	− 0.27	+37 38 18.2	− 1.5
26	α Leporis	9	28 32.82	+ 0.43	+ **7.54**	56 43 45.60	43.870	+ 8.24	+1 33.2	5 28 40.80	....	−17 53 29.0	....
27	22 Camelopardalis	9	31 12.03	+ 0.26	+ 7.55	342 33 43.22	43.585	+ 8.24	− 19.1	5 31 19.84	− 0.64	+56 18 31.7	− 5.1
	January 24, P.												
28	40 Draconis S. P.	9	6 41.50	+ 1.40	+ 7.56	298 51 41.02	47.145	+ 8.35	−1 50.3	18 6 50.46	+ 5.49	+79 59 16.0	+ 8.6
29	ζ Canis Majoris	9	16 39.75	+ 0.42	+ 7.56	68 49 46.50	46.358	+ 8.35	+2 37.5	6 16 47.73	....	−30 1 31.3	....
30	ν Geminorum	9	23 22.54	+ 0.39	+ **7.52**	18 33 45.25	47.938	+ 8.35	+ 20.7	6 23 30.49	....	+20 16 10.4	....
31	13 Monocerotis	9	27 48.28	+ 0.42	+ 7.56	31 25 44.18	47.815	+ 8.35	+ 37.5	6 27 56.26	− 0.42	+ 7 23 57.6	+ 5.0
32	γ Geminorum	9	32 16.37	+ 0.40	+ **7.53**	22 21 44.98	46.595	+ 8.35	+ 25.3	6 32 24.33	....	+16 28 36.8	....
33	ε Geminorum	9	38 8.88	+ 0.39	+ **7.55**	13 37 44.25	45.250	+ 8.35	+ 14.9	6 38 16.83	....	+25 13 18.7	....
34	18 Monocerotis	9	42 56.34	+ 0.42	+ 7.56	36 19 45.90	45.490	+ 8.35	+ 45.1	6 43 4.32	....	+ 2 30 41.4	....
35	50 Draconis S. P.	9	49 8.05	+ 1.12	+ 7.56	294 13 41.22	43.437	+ 8.35	−2 15.0	18 49 16.73	....	+75 19 26.8	....
36	51 H. Cephei	9	57 53.83	− 2.67	+ 7.56	311 39 40.18	47.952	+ 8.35	−1 8.6	6 57 58.72	....	+87 11 44.1	....
37	25 H. Camelopardalis	9	11 46.04	− 0.71	+ 7.56	316 17 41.38	42.880	+ 8.35	− 58.4	7 11 52.89	....	+82 35 28.7	....
38	λ Ursæ Minoris S. P.	8	12 5.85	+ 9.63	+ 7.56	307 53 42.18	42.802	+ 8.35	−1 18.5	19 12 23.04	....	+89 0 8.2	....
39	26 Monocerotis	9	36 43.81	+ 0.43	+ 7.56	48 9 46.15	47.025	+ 8.35	+1 8.6	7 36 51.80	....	− 9 20 17.4	....
40	β Geminorum	9	39 33.88	+ 0.38	+ **7.62**	10 35 44.08	46.558	+ 8.35	+ 11.5	7 39 41.82	....	+28 14 52.3	....
41	9 Puppis	9	47 23.42	+ 0.43	+ 7.57	52 29 45.52	43.995	+ 8.35	+1 19.9	7 47 31.42	....	−13 39 18.8	....
42	χ Geminorum	9	57 44.77	+ 0.38	+ **7.65**	10 47 44.08	45.948	+ 8.35	+ 11.8	7 57 52.72	....	+28 3 6.0	....
43	μ Cancri	9	2 13.70	+ 0.39	+ 7.57	16 59 45.25	46.180	+ 8.35	+ 18.8	8 2 21.66	− 0.53	+21 50 52.5	+ 3.4
44	β Cancri	9	11 24.15	+ 0.41	+ **7.61**	29 21 45.72	47.538	+ 8.35	+ 34.6	8 11 32.13	....	+ 9 28 5.3	....
45	30 Monocerotis	9	20 56.46	+ 0.42	+ **7.61**	42 25 46.40	47.938	+ 8.35	+ 56.2	8 21 4.45	....	− 3 36 26.1	....
46	29 Cancri	9	23 21.94	+ 0.40	+ 7.57	24 19 45.32	45.798	+ 8.35	+ 27.8	8 23 29.91	− 0.52	+14 30 52.2	+ 3.6
47	181 B. Camelopardalis	9	29 25.29	− 0.04	+ 7.57	324 55 41.10	43.272	+ 8.35	− 43.0	8 29 32.82	− 2.81	+73 57 4.8	+ 1.8
48	Jupiter I, C	5	47 20.76	+ 0.40	+ 7.57	20 7 45.45	43.764	+ 8.35	+ 22.6	8 47 28.73	+ 1.71	+18 42 0.7	....
49	Jupiter II	5	47 24.18	+ 0.40	+ 7.57	... .	......	....	. ....	8 47 32.15	− 1.71	.. ..	....
	January 25, Hl.												
50	ζ Arietis	9	9 28.16	+ 0.41	+ **7.65**	18 9 46.30	42.735	+ 7.52	+ 19.5	3 9 36.21	....	+20 42 10.3	....
51	B. D.+38°701	9	15 11.07	+ 0.38	+ 7.64	0 27 45.40	46.222	+ 7.52	+ 0.6	3 15 19.09	+ 0.39	+38 23 10.4	− 3.3
52	B. D.+37°768	9	19 46.64	+ 0.38	+ 7.64	0 55 44.18	46.125	+ 7.52	+ 1.0	3 19 54.66	+ 0.37	+37 55 13.4	− 3.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 3 30	......	....	[illegible]
3 36	......	....	23.7
3 52	......	....	23.1
4 40	29.71	[illegible]	22.2
5 10	......	....	22.0
5 34	29.73	22.2	21.9
6 3	29.72	[illegible]	21.4
6 30	......	....	21.2
7 22	29.72	21.0	20.5
7 40	......	....	20.3
8 0	......	....	20.0
8 16	......	....	20.1
8 34	29.69	20.8	[illegible]
8 50	29.69	20.8	20.1
25 2 50	29.59	34.6	34.0

Micrometer bisections are made at II, VI, except as noted below.

9.	Bisections at VI, VII.
26.	Bisections at I, II.
28, 35.	Bisections at III, IV, V.
36.	Bisections at b_1, b_3, b_5, b_7, b_9.
37, 47.	Bisections at III, V.
38.	Bisections at b_1, b_3, b_7, b_9.
48.	Z. D. threads A used.
48.	Bisections at I, II, VI, VII.

Notes.

1, 9, 15, 17.	Observed head south.
4.	Poor image.
6, 12, 21, 23.	Observed head north.
14, 28, 29.	Faint.
38.	Microscopes read at beginning and end of observation.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
48	+ 0.7	.. ....	...	+ 0.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+38°737	9	24 59.29	+ 0.38	+ 7.64	0 1 44.82	44.010	+ 7.52	+ 0.1	3 25 7.31	+ 0.33	+38 50 2.0	− 3.4
2	ε Eridani	7	28 27.42	+ 0.44	+ **7.61**	48 36	......	....	. ....	3 28 35.50	....	− 9 46	....
3	B. D.+38°771	9	32 46.33	+ 0.38	+ 7.64	0 25 43.88	47.510	+ 7.52	+ 0.5	3 32 54.35	+ 0.29	+38 24 42.6	− 3.2
4	δ Eridani	9	38 42.14	+ 0.44	+ **7.68**	48 53 47.48	48.122	+ 7.52	+1 8.1	3 38 50.23	....	−10 4 42.3	....
5	B. D.+37°833	9	43 52.43	+ 0.38	+ 7.65	1 15 45.15	44.908	+ 7.52	+ 1.4	3 44 0.46	+ 0.23	+37 35 39.9	− 2.9
6	B. D.+39°887	9	48 38.44	+ 0.37	+ 7.65	359 15 44.48	45.948	+ 7.52	− 0.7	3 48 46.46	+ 0.19	+39 35 18.8	− 3.5
7	B. D.+39°921	9	59 7.48	+ 0.37	+ 7.65	358 49 43.60	41.405	+ 7.52	− 1.2	3 59 15.50	+ 0.13	+40 3 4.1	− 3.5
8	*p* Tauri	9	5 5.32	+ 0.40	+ 7.65	12 35 44.65	47.550	+ 7.52	+ 13.3	4 5 13.37	+ 0.14	+26 14 28.1	+ 0.7
9	B. D.+36°857	9	8 46.58	+ 0.38	+ 7.65	2 35 44.98	43.372	+ 7.52	+ 2.7	4 8 54.61	+ 0.10	+36 16 13.8	− 2.3
10	B. D.+39°973	9	13 51.40	+ 0.37	+ 7.65	359 13 45.48	47.862	+ 7.52	− 0.7	4 13 59.42	+ 0.05	+39 36 33.9	− 3.2
11	B. D.+38°886	9	18 58.82	+ 0.38	+ 7.65	359 59 45.60	47.870	+ 7.52	+ 0.1	4 19 6.85	+ 0.03	+38 50 33.0	− 2.9
12	B. D.+39°1007	9	23 58.79	+ 0.37	+ 7.65	359 29 59.45	45.780	+ 7.52	− 0.4	4 24 6.81	0.00	+39 21 7.2	− 3.0
13	B. D.+38°915	9	28 50.83	+ 0.38	+ 7.65	0 9 44.28	44.072	+ 7.52	+ 0.2	4 28 58.86	− 0.02	+38 42 1.0	− 2.7
14	53 Eridani	9	33 50.07	+ 0.44	+ **7.58**	53 20	......	....	. ....	4 33 58.16	....	−14 29	....
15	B. D.+38°927	9	36 25.98	+ 0.38	+ 7.65	0 35 44.35	46.505	+ 7.52	+ 0.7	4 36 34.01	− 0.06	+38 15 4.9	− 2.5
16	μ Eridani	9	40 46.05	+ 0.44	+ **7.71**	42 16	......	....	. ....	4 40 54.14	....	− 3 25	....
17	B. D.+37°968	9	43 10.52	+ 0.38	+ 7.65	1 41 44.50	42.930	+ 7.52	+ 1.8	4 43 18.55	− 0.08	+37 10 25.3	− 2.1
18	B. D.+39°1105	9	48 38.63	+ 0.37	+ 7.65	359 5 44.00	45.850	+ 7.52	− 0.9	4 48 46.65	− 0.13	+39 45 21.8	− 2.7
19	B. D.+39°1134	9	53 54.80	+ 0.37	+ 7.65	359 19 44.55	46.815	+ 7.52	− 0.6	4 54 2.82	− 0.15	+39 30 58.9	− 2.5
20	ι Tauri	9	57 27.75	+ 0.41	+ **7.70**	17 24	......	....	. ....	4 57 35.81	....	+21 27	....
21	B. D.+39°1169	9	59 56.65	+ 0.37	+ 7.65	358 55 43.78	47.500	+ 7.52	− 1.0	5 0 4.67	− 0.18	+39 54 44.3	− 2.5
22	B. D.+37°1076	9	5 11.73	+ 0.38	+ 7.65	1 39 44.08	46.170	+ 7.52	+ 1.8	5 5 19.76	− 0.19	+37 11 11.7	− 1.7
23	B. D.+39°1236	9	10 42.93	+ 0.37	+ 7.65	359 29 42.98	45.015	+ 7.52	− 0.4	5 10 50.95	− 0.23	+39 21 41.4	− 2.2
24	B. D.+37°1160	9	16 11.48	+ 0.38	+ 7.65	1 15 44.05	46.328	+ 7.52	+ 1.4	5 16 19.51	− 0.24	+37 35 8.5	− 1.6
25	B. D.+37°1196	9	21 19.37	+ 0.38	+ 7.66	1 13 43.72	43.315	+ 7.52	+ 1.3	5 21 27.41	− 0.26	+37 38 17.8	− 1.5
26	α Leporis	9	28 32.61	+ 0.44	+ **7.73**	56 43 46.45	43.952	+ 7.52	+1 30.3	5 28 40.71	....	−17 53 28.2	....
27	22 Camelopardalis	9	31 11.88	+ 0.29	+ 7.66	342 33 42.70	43.592	+ 7.52	− 18.5	5 31 19.83	− 0.63	+56 18 32.2	− 5.2
	January 25, M.												
28	40 Draconis S. P.	9	6 41.20	+ 1.36	+ 7.73	298 51 40.60	46.967	+ 8.20	−1 47.0	18 6 50.29	+ 5.42	+79 59 14.6	+ 8.8
29	ψ^1 Aurigæ	9	17 41.41	+ 0.32	+ 7.73	349 31 44.58	44.168	+ 8.20	− 10.9	6 17 49.46	....	+49 20 8.9	....
30	10 Monocerotis	9	23 17.31	+ 0.43	+ **7.79**	43 31 44.68	48.060	+ 8.20	+ 56.5	6 23 25.47	....	− 4 42 27.3	....
31	23 H. Camelopardalis	9	30 29.59	− 0.31	+ 7.73	319 11 43.40	46.355	+ 8.20	− 51.1	6 30 37.01	....	+79 40 0.3	....
32	*S* Monocerotis	9	35 46.98	+ 0.42	+ **7.75**	28 51 45.30	45.890	+ 8.20	+ 32.9	6 35 55.13	....	+ 9 58 45.2	....
33	ξ Geminorum	9	39 59.89	+ 0.41	+ **7.74**	25 51 44.68	43.822	+ 8.20	+ 28.9	6 40 8.03	....	+12 59 37.0	....
34	θ Canis Majoris	9	49 47.36	+ 0.43	+ **7.79**	50 45 45.12	44.873	+ 8.20	+1 13.1	6 49 55.52	....	−11 55 31.6	....
35	ε Canis Majoris	9	54 53.29	+ 0.42	+ 7.73	67 39 46.35	45.485	+ 8.20	+2 24.7	6 55 1.44	....	−28 50 58.3	....
36	22 Canis Majoris	8	57 56.00	+ 0.43	+ 7.73	66 37 47.05	44.115	+ 8.20	+2 17.6	6 58 4.16	− 0.87	−27 48 20.8	+ 7.9
37	63 Aurigæ	9	5 12.24	+ 0.36	+ 7.73	359 23 43.12	43.585	+ 8.20	− 0.6	7 5 20.33	....	+39 28 13.4	....
38	25 H. Camelopardalis	9	11 45.56	− 0.65	+ 7.73	316 17 43.00	42.687	+ 8.20	− 56.9	7 11 52.64	....	+82 35 30.3	....
39	19 Lyncis	9	15 14.81	+ 0.28	+ 7.73	343 23 43.38	46.740	+ 8.20	− 17.7	7 15 22.82	....	+55 27 18.1	....
40	ε Draconis S. P.	9	48 17.08	+ 0.94	+ 7.74	288 55 44.40	46.253	+ 8.20	−2 52.2	19 48 25.76	....	+70 1 57.0	....
41	χ Geminorum	9	57 44.61	+ 0.39	+ **7.81**	10 47 42.50	46.058	+ 8.20	+ 11.5	7 57 52.74	....	+28 3 5.5	....
42	ψ Cancri	9	4 47.24	+ 0.39	+ 7.74	13 3 43.48	45.785	+ 8.20	+ 14.0	8 4 55.37	− 0.55	+25 47 8.3	+ 3.2
43	β Cancri	9	11 24.05	+ 0.42	+ **7.71**	29 21 44.40	47.682	+ 8.20	+ 33.8	8 11 32.21	....	+ 9 28 4.2	....
44	30 Monocerotis	9	20 56.34	+ 0.43	+ **7.73**	42 25 44.90	48.125	+ 8.20	+ 54.9	8 21 4.51	....	− 3 36 27.5	....
45	181 B. Camelopardalis	9	29 25.01	− 0.02	+ 7.74	324 55 41.75	43.213	+ 8.20	− 42.0	8 29 32.73	− 2.82	+73 57 4.7	+ 1.6
46	δ Hydræ	9	32 39.56	+ 0.42	+ 7.74	32 49 44.65	43.978	+ 8.20	+ 38.7	8 32 47.72	....	+ 6 1 23.7	....
47	Jupiter I, C	5	46 48.58	+ 0.40	+ 7.74	20 5 44.25	43.226	+ 8.20	+ 22.0	8 46 56.72	+ 1.60	+18 44 15.0	....
48	Jupiter II	5	46 51.79	+ 0.40	+ 7.74	... .	......	....	. ....	8 46 59.93	− 1.61	.. ..	....
	January 25, P.												
49	π Cephei S. P.	9	4 45.69	+ 0.99	+ 7.69	293 45 41.25	48.958	+ 8.30	−2 15.1	23 4 54.37	....	+74 53 32.8	....
50	θ Leonis	9	9 16.97	+ 0.43	+ **7.61**	22 55 44.60	43.340	+ 8.30	+ 25.5	11 9 25.09	....	+15 55 51.4	....
51	ξ Ursæ Majoris (*mean*)	9	13 8.98	+ 0.41	+ 7.69	6 47 44.00	47.332	+ 8.30	+ 7.2	11 13 17.08	....	+32 2 39.1	....
52	λ Draconis	9	25 50.89	+ 0.17	+ 7.70	329 1 40.95	45.475	+ 8.30	− 35.9	11 25 58.76	....	+69 50 7.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 3 36	......	....	34.0
3 56	29.60	34.2	34.0
4 32	......	....	34.0
4 51	......	....	35.7
5 13	......	....	35.1
5 35	29.625	33.3	34.9
6 0	29.63	32.9	34.0
6 22	......	....	34.4
6 48	......	....	31.8
7 2	29.63	31.8	....
7 18	......	....	31.6
7 47	......	....	30.4
8 1	29.63	30.7	....
8 24	......	....	29.8
8 52	29.63	29.8	29.0
11 2	29.62	28.2	28.5
11 20	......	....	28.5

Micrometer bisections are made at II, VI, except as noted below.

4.	Bisections at I, II.
10, 12, 36.	Bisections at VI, VII.
21, 34.	Bisections at II, VI, VII.
26.	Bisections at I, II, VI.
28, 31, 38, 40, 45, 49.	Bisections at III, IV, V.
47.	Z. D. threads A used.
47.	Bisections at I, II, VI, VII.

Notes.

3, 5, 11, 13, 22, 24, 25.	Observed head south.
7, 10, 18, 19.	Observed head north.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
47	+ 0.7	......	...	+ 0.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	υ Leonis	9	32 6.34	+ 0.45	+ **7.62**	39 9 45.65	44.450	+ 8.30	+ 49.0	11 32 14.49	.....	− 0 18 58.4	....
2	π Virginis	9	56 1.41	+ 0.44	+ **7.65**	31 43 44.85	43.538	+ 8.30	+ 37.2	11 56 9.55	.....	+ 7 7 35.0	....
3	ο Virginis	9	0 23.23	+ 0.44	+ **7.69**	29 35 45.02	46.292	+ 8.30	+ 34.2	12 0 31.37	.....	+ 9 14 34.9	....
4	δ Ursæ Majoris	9	10 45.06	+ 0.30	+ 7.70	341 19 43.00	44.042	+ 8.30	− 20.2	12 10 53.06	.....	+57 32 22.7	....
5	χ^2 Centauri	9	20 22.76	+ 0.44	+ 7.70	73 27 47.78	46.842	+ 8.30	+3 21.0	12 20 30.90	− 0.08	−34 40 27.1	−11.3
6	δ Corvi	9	24 57.98	+ 0.45	+ **7.65**	54 49 45.98	45.973	+ 8.30	+1 25.4	12 25 6.13	.....	−16 0 10.0	....
7	319 B. Cephei s. p.	9	32 34.21	+ 1.41	+ 7.70	300 51 39.25	47.018	+ 8.30	−1 40.1	0 32 43.32	+ 4.04	+81 59 21.4	−12.1
8	Groombridge 1922	9	40 40.53	+ 0.37	+ 7.70	352 53 43.78	48.758	+ 8.30	− 7.4	12 40 48.60	+ 0.10	+45 56 21.3	+11.2
9	31 Comæ Berenices	9	47 4.80	+ 0.42	+ **7.64**	10 47 44.18	47.970	+ 8.30	+ 11.6	12 47 12.92	.....	+28 2 19.9	....
10	1 B. Ursæ Minoris s. p.	9	57 14.72	+ 5.53	+ 7.70	307 23 39.90	48.017	+ 8.30	−1 18.4	0 57 27.95	+14.90	+88 32 5.9	−13.4
11	43 Comæ Berenices	9	7 26.41	+ 0.42	+ **7.72**	10 29 43.35	47.565	+ 8.30	+ 11.3	13 7 34.54	.....	+28 20 30.3	....
12	61 Virginis	5	13 26.92	+ 0.45	+ 7.71	56 37 45.82	45.000	+ 8.30	+1 31.5	13 13 35.08	.....	−17 47 53.8	....
13	ζ^1 Ursæ Majoris	9	20 5.26	+ 0.32	+ 7.71	343 27 42.05	44.768	+ 8.30	− 17.8	13 20 13.29	.....	+55 24 4.6	....
14	9 B. Ursæ Minoris	9	23 39.77	+ 0.10	+ 7.71	325 59 41.30	46.315	+ 8.30	− 40.5	13 23 47.58	.....	+72 51 52.6	....
15	81 Ursæ Majoris	9	30 26.91	+ 0.32	+ 7.71	343 1 41.70	47.845	+ 8.30	− 18.3	13 30 34.94	+ 0.34	+55 48 55.2	+13.4
16	Moon II, S	9	11 20.31	+ 0.45	+ 7.71	47 39 46.12	45.306	+ 8.38	+1 6.3	14 11 28.47	−64.80	− 8 49 35.9	....
	January 26, P.												
17	Moon II, S	9	3 19.64	+ 0.40	+ 7.85	52 27 45.88	44.308	+ 8.51	+1 16.0	15 3 27.89	−66.96	−13 37 22.7	....
	January 27, P.												
18	Mercury C, C	9	14 9.95	+ 0.34	+ 7.89	56 47 46.00	44.700	+ 8.62	+1 30.2	21 14 18.18	+ 0.01	−17 57 45.7	....
19	Venus I, C	9	44 2.62	+ 0.34	+ 7.90	48 23 46.75	44.829	+ 8.62	+1 6.6	22 44 10.86	+ 0.51	− 9 33 26.1	....
20	Venus II	9	44 3.51	+ 0.34	+ 7.90	... .	......	....	. ....	22 44 11.75	− 0.38	.. ..	....
21	ν Tauri	9	58 7.27	+ 0.36	+ **7.89**	33 6	......	....	. ....	3 58 15.56	.....	+ 5 43	....
22	o^1 Eridani	9	7 14.09	+ 0.37	+ **7.91**	45 55 45.30	43.500	+ 8.69	+1 2.1	4 7 22.39	.....	− 7 4 49.8	....
23	o^2 Eridani	9	10 53.96	+ 0.37	+ **7.87**	46 37 45.18	46.448	+ 8.70	+1 3.7	4 11 2.26	.....	− 7 47 58.5	....
24	γ Tauri	9	14 24.96	+ 0.34	+ **7.99**	23 25 43.92	47.370	+ 8.71	+ 26.1	4 14 33.23	.....	+15 24 19.2	....
25	δ Tauri	9	17 29.25	+ 0.34	+ **7.98**	21 31 43.92	44.205	+ 8.72	+ 23.8	4 17 37.52	.....	+17 19 33.6	....
26	ε Tauri	9	23 6.23	+ 0.34	+ **7.96**	19 51 43.92	46.958	+ 8.74	+ 21.8	4 23 14.50	.....	+18 58 32.7	....
27	ν Eridani	9	31 35.05	+ 0.36	+ **7.90**	42 23 45.45	43.188	+ 8.76	+ 55.0	4 31 43.34	.....	− 3 32 35.9	....
28	10 Camelopardalis	9	55 6.21	+ 0.19	+ 7.94	338 33 41.42	43.650	+ 8.83	− 23.6	4 55 14.34	.....	+60 18 36.1	....
29	μ Leporis	9	8 39.94	+ 0.37	+ 7.94	55 7 44.92	48.295	+ 8.87	+1 26.6	5 8 48.25	− 0.28	−16 19 3.7	+11.9
30	τ Orionis	9	13 0.33	+ 0.37	+ **7.89**	45 47 45.45	43.390	+ 8.88	+1 2.1	5 13 8.64	.....	− 6 56 47.7	....
31	19 Camelopardalis	9	28 13.60	+ 0.15	+ 7.94	334 45 39.65	45.962	+ 8.92	− 28.3	5 28 21.69	− 0.89	+64 5 49.6	− 7.1
32	θ^2 Orionis	9	30 43.78	+ 0.36	+ 7.94	44 19 45.58	43.382	+ 8.93	+ 59.0	5 30 52.08	− 0.29	− 5 28 44.8	+ 8.9
33	ζ Orionis	9	35 58.92	+ 0.36	+ **8.02**	40 49 43.48	45.958	+ 8.95	+ 52.2	5 36 7.22	.....	− 1 59 34.6	....
34	130 Tauri	9	41 56.23	+ 0.34	+ 7.94	21 9 42.05	44.045	+10.00	+ 23.4	5 42 4.51	− 0.25	+17 41 38.3	+ 3.4
35	ν Aurigæ	9	44 58.91	+ 0.30	+ 7.94	359 43 42.02	45.970	+ 8.97	− 0.2	5 45 7.15	.....	+39 7 18.9	....
36	δ Aurigæ	9	51 49.57	+ 0.24	+ 7.94	344 35 40.65	42.965	+ 8.99	− 16.6	5 51 57.75	.....	+54 16 45.4	....
37	δ Ursæ Minoris s. p.	9	1 32.89	+ 2.67	+ 7.94	305 29 38.90	44.589	+ 9.02	−1 24.4	18 1 43.50	.....	+86 36 41.8	....
38	4 B. Ursæ Minoris	9	7 25.89	− 6.88	+ 7.95	309 57 39.60	45.659	+ 9.14	−1 12.0	8 7 26.96	.....	+88 54 39.0	....
	January 28, M.												
39	Sun I, N	9	37 58.78	+ 0.45	+ 8.08	56 59 45.38	44.145	+ 9.76	+1 31.2	20 38 7.31	+68.71	−18 9 34.3	....
40	Sun II, S	9	40 16.19	+ 0.45	+ 8.08	57 31 46.30	45.262	+ 9.76	+1 33.1	20 40 24.72	−68.70	−18 42 3.6	....
	January 29, P.												
41	Sun I, N	9	42 7.06	+ 0.35	+ 8.17	56 43 50.05	44.762	+ 9.14	+1 30.6	20 42 15.58	+68.69	−17 53 51.9	....
42	Sun II, S	9	44 24.44	+ 0.35	+ 8.17	57 15 50.18	45.995	+ 9.14	+1 32.4	20 44 32.96	−68.69	−18 26 22.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 11 35	......	....	28.3
11 55	29.62	28.6	28.0
12 21	......	....	27.9
12 45	29.61	28.0	27.0
13 8	......	....	26.8
13 32	29.62	28.0	26.4
14 12	29.62	27.5	26.0
26 15 4	29.18	35.6	35.0
27 21 15	29.42	35.0	33.2
22 45	29.46	35.0	33.3
3 57	29.635	29.8	28.9
4 24	......	....	28.0
4 35	......	....	27.4
4 54	29.63	28.0	27.6
5 14	......	....	27.0
5 26	29.65	27.5	26.9
5 40	......	....	27.2
5 55	......	....	26.8
6 6	29.675	27.0	26.3
7 57	29.69	25.2	25.5
8 17	29.695	25.2	25.5
28 20 40	29.71	35.0	36.2
29 20 44	29.77	37.1	35.7

Micrometer bisections are made at II, VI, except as noted below.

4, 8, 13–15, 28, 31, 36.	Bisections at III, V.
5, 19.	Bisections at I, II, VI, VII.
6.	Bisections at II, VI, VII.
7.	Bisections at III, IV, V.
10, 37, 38.	Bisections at b_1, b_3, b_5, b_7, b_9.
12, 32, 40, 42.	Bisections at VI, VII.
16, 17.	Bisections at II, III, IV, V, VI.
18.	Bisections at I, II, VII.
23, 24, 39, 41.	Bisections at I, II.

Note.

34. Two microscopes used.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+41 51.9	+15 30.3	...	+57 22.2
17	+45 37.9	+15 45.0	...	+61 22.9
18	+ 5.6	.. ....	0.0	+ 5.6
19	+ 4.9	.. ....	+0.1	+ 5.0
39	+ 7.5	−16 14.6	...	−16 7.1
40	+ 7.5	+16 14.7	...	+16 22.2
41	+ 7.4	−16 15.5	...	−16 8.1
42	+ 7.5	+16 15.4	...	+16 22.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, C............	9	53 8.65	+ 0.36	+ 8.18	47 23 50.70	47.349	+ 9.01	+1 5.2	22 53 17.19	+ 0.57	− 8 34 26.6	....
2	Venus II............	9	53 9.63	+ 0.36	+ 8.18	... .	......	....	. ....	22 53 18.17	− 0.41	.. ..	....
3	13 H^1. Camelopardalis....	9	37 9.47	+ 0.06	+ 8.20	331 57 45.40	42.880	+ 8.87	− 32.4	3 37 17.73	+ 0.07	+66 54 58.4	−10.8
4	17 Tauri................	9	39 15.76	+ 0.32	+ 8.20	15 1 48.75	44.645	+ 8.87	+ 16.4	3 39 24.28	+ 0.32	+23 49 26.0	+ 1.5
5	ν Tauri................	9	58 6.94	+ 0.36	+ **8.19**	33 5 49.32	47.550	+ 8.87	+ 39.9	3 58 15.50	....	+ 5 43 55.8	....
6	174 G. Eridani...........	9	1 41.38	+ 0.36	+ 8.20	66 43 50.38	44.205	+ 8.87	+2 21.5	4 1 49.94	0.00	−27 54 30.4	+17.2
7	*p* Tauri................	9	5 4.83	+ 0.33	+ 8.20	12 35 46.78	47.410	+ 8.87	+ 13.7	4 5 13.36	+ 0.20	+26 14 27.4	+ 0.8
8	*A* Eridani..............	9	9 52.47	+ 0.37	+ 8.20	49 19 50.92	44.088	+ 8.87	+1 11.1	4 10 1.04	+ 0.08	−10 29 18.1	+12.4
9	γ Tauri................	9	14 24.71	+ 0.34	+ **8.21**	23 25 48.58	47.305	+ 8.87	+ 26.6	4 14 33.25	....	+15 24 15.2	....
10	ν Eridani..............	9	31 34.74	+ 0.36	+ **8.18**	42 23 49.85	42.995	+ 8.87	+ 55.9	4 31 43.30	....	− 3 32 36.8	....
11	π^5 Orionis..............	9	49 19.04	+ 0.36	+ **8.20**	36 33 48.68	43.775	+ 8.87	+ 45.5	4 49 27.61	....	+ 2 17 16.9	....
12	10 Camelopardalis........	9	55 5.93	+ 0.18	+ 8.21	338 33 46.95	43.435	+ 8.87	− 24.0	4 55 14.32	....	+60 18 35.8	....
13	11 Orionis..............	9	59 10.23	+ 0.34	+ **8.18**	23 33 48.70	46.692	+ 8.87	+ 26.8	4 59 18.78	....	+15 16 28.9	....
14	γ Orionis..............	9	20 3.42	+ 0.36	+ **8.19**	32 33 48.48	47.752	+ 8.87	+ 39.3	5 20 11.99	....	+ 6 15 52.4	....
15	19 Camelopardalis........	9	28 13.29	+ 0.13	+ 8.21	334 45 44.22	45.772	+ 8.87	− 28.9	5 28 21.63	− 0.84	+64 5 50.0	− 7.4
16	θ^2 Orionis..............	9	30 43.54	+ 0.36	+ 8.21	44 19 50.60	43.158	+ 8.87	+1 0.1	5 30 52.11	− 0.27	− 5 28 45.5	+ 9.2
17	ζ Orionis..............	9	35 58.64	+ 0.36	+ **8.29**	40 49 48.00	45.782	+ 8.87	+ 53.2	5 36 7.21	....	− 1 59 36.0	....
18	130 Tauri................	9	41 56.04	+ 0.34	+ 8.21	21 9 48.02	43.860	+ 8.87	+ 23.9	5 42 4.59	− 0.23	+17 41 37.2	+ 3.4
19	η Leporis..............	9	52 4.84	+ 0.37	+ 8.21	53 1 49.25	43.565	+ 8.87	+1 21.8	5 52 13.42	− 0.43	−14 11 15.1	+10.3
20	74 G. Columbæ...........	9	2 25.17	+ 0.36	+ 8.21	68 33 50.48	45.185	+ 8.87	+2 36.3	6 2 33.74	− 0.70	−29 45 7.9	+12.3
21	Neptune C, C...........	9	55 11.32	+ 0.36	+ 8.22	16 49 48.80	48.184	+ 8.65	+ 18.8	6 55 19.90	....	+22 0 2.8	....
	January 30, M.												
22	13 H^1. Camelopardalis....	9	37 9.18	+ 0.20	+ 8.38	331 57 46.95	42.842	+ 8.24	− 33.2	3 37 17.76	+ 0.11	+66 54 58.9	−10.9
23	17 Tauri................	9	39 15.43	+ 0.46	+ 8.38	15 1 49.35	44.668	+ 8.24	+ 16.9	3 39 24.27	+ 0.34	+23 49 25.0	+ 1.5
24	γ Eridani...............	9	53 35.16	+ 0.53	+ **8.37**	52 35 48.38	46.750	+ 8.28	+1 21.8	3 53 44.07	....	−13 46 26.5	....
	January 30, Ei.-M.												
25	*A* Tauri................	9	59 6.22	+ 0.47	+ **8.34**	17 1 49.15	43.580	+ 8.30	+ 19.2	3 59 15.05	....	+21 49 47.7	....
26	B. D.+22°637 (*south*)..	5	3 15.76	+ 0.47	+ 8.36	15 59 49.18	45.318	+ 8.31	+ 18.0	4 3 24.59	+ 0.22	+22 51 8.9	+ 1.9
27	B. D.+22°637 (*north*)..	5	3 15.86	+ 0.47	+ 8.36	15 59 49.18	45.090	+ 8.31	+ 18.0	4 3 24.69	+ 0.22	+22 51 14.5	+ 1.9
28	γ Tauri................	9	14 24.41	+ 0.49	+ **8.34**	23 27 48.62	42.045	+ 8.34	+ 27.2	4 14 33.26	....	+15 24 15.3	....
29	δ Tauri................	9	17 28.69	+ 0.48	+ **8.36**	21 31 48.58	44.005	+ 8.34	+ 24.7	4 17 37.53	....	+17 19 33.0	....
30	ε Tauri................	9	23 5.64	+ 0.48	+ **8.37**	19 51 48.50	46.795	+ 8.36	+ 22.7	4 23 14.48	....	+18 58 31.3	....
31	B. D.+24°663.........	9	26 37.08	+ 0.47	+ 8.36	13 51 49.02	45.005	+ 8.37	+ 15.5	4 26 45.91	+ 0.10	+24 59 18.8	+ 1.2
32	α Tauri................	9	30 29.55	+ 0.49	+ **8.33**	22 31 48.62	44.360	+ 8.38	+ 26.0	4 30 38.40	....	+16 19 23.5	....
33	B. D.+20°808.........	9	37 31.04	+ 0.48	+ 8.36	18 23 49.25	45.018	+ 8.39	+ 20.9	4 37 39.88	+ 0.04	+20 27 12.8	+ 2.7
34	π^3 Orionis..............	8	44 41.89	+ 0.51	+ **8.33**	32 1 49.22	47.610	+ 8.41	+ 39.3	4 44 50.76	....	+ 6 47 55.4	....
	January 30, M.												
35	π^5 Orionis..............	9	49 18.67	+ 0.52	+ **8.40**	36 33 49.25	43.748	+ 8.42	+ 46.5	4 49 27.57	....	+ 2 17 16.4	....
36	ι Tauri................	8	57 26.92	+ 0.48	+ **8.41**	17 24	......	....	. ....	4 57 35.78	....	+21 27	....
37	11 Orionis..............	9	59 9.83	+ 0.50	+ **8.41**	23 33 49.55	46.655	+ 8.45	+ 27.4	4 59 18.71	....	+15 16 28.7	....
38	γ Orionis..............	9	20 3.02	+ 0.52	+ **8.42**	32 33 50.00	47.700	+ 8.50	+ 40.1	5 20 11.93	....	+ 6 15 51.6	....
39	φ^1 Orionis..............	9	29 37.47	+ 0.52	+ 8.39	29 25 48.40	43.540	+ 8.53	+ 35.4	5 29 46.38	− 0.20	+ 9 25 32.9	+ 5.6
40	*f* Draconis S. P.	9	32 7.88	+ 0.96	+ 8.39	287 5 44.75	46.035	+ 8.53	−3 20.6	17 32 17.23	+ 2.53	+68 11 24.3	+12.1
41	130 Tauri................	9	41 55.63	+ 0.50	+ 8.39	21 9 47.92	43.855	+ 8.56	+ 24.3	5 42 4.52	− 0.23	+17 41 37.1	+ 3.4
42	α Orionis..............	9	50 2.87	+ 0.53	+ **8.38**	31 28	......	....	. ....	5 50 11.79	....	+ 7 23	....
43	η Leporis..............	9	52 4.36	+ 0.56	+ 8.39	53 1 49.25	43.510	+ 8.58	+1 23.3	5 52 13.31	− 0.42	−14 11 15.1	+10.5
44	δ Ursæ Minoris S. P.	9	1 31.28	+ 3.16	+ 8.39	305 29 45.15	44.468	+ 8.61	−1 27.5	18 1 42.83	....	+86 36 41.7	....
45	51 H. Cephei............	7	57 52.74	− 2.32	+ 8.40	311 39 46.88	47.580	+ 8.68	−1 10.6	6 57 58.82	....	+87 11 47.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 22 54	29.79	35.2	32.4
3 33	29.94	27.9	27.0
3 41	......	....	26.7
3 57	......	....	26.1
4 15	......	....	25.9
4 29	29.955	26.1	25.1
4 36	......	....	25.0
4 48	......	....	24.5
5 0	29.965	25.4	24.0
5 19	......	....	23.7
5 44	29.98	24.0	23.0
5 51	......	....	22.9
6 4	29.995	23.7	22.5
6 56	30.01	22.8	21.0
30 3 34	30.18	19.9	18.9
3 59	......	....	18.9
4 20	30.19	19.8	18.8
4 46	......	....	18.4
5 18	30.20	19.2	18.3
5 45	......	....	18.0
6 5	30.21	18.4	17.7
7 2	30.22	16.3	15.2

Micrometer bisections are made at II, VI, except as noted below.

1, 21. Bisections at I, II, VI, VII.
3, 12, 15, 40. Bisections at III, V.
5, 22, 27. Bisections at I, II.
6. Bisections at I, II, VI.
20, 33. Bisections at II, VI, VII.
26. Bisections at VI, VII.
31. Bisections at II, VII.
41. Bisection at VI.
44. Bisections at III, IV, V.
45. Bisections at b_1, b_5, b_8.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 4.9	.. ....	+0.1	+ 5.0
21	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	January 31, P.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mercury C, C.	9	41 21.26	+ 0.65	+ 8.44	54 15 51.20	47.412	+ 8.18	+1 26.1	21 41 30.35	+ 0.02	−15 26 48.6	....
2	Venus I, C.	9	2 10.75	+ 0.61	+ 8.45	46 23 51.58	47.744	+ 8.52	+1 4.9	23 2 19.81	+ 0.52	− 7 34 35.7	....
3	Venus II.	9	2 11.64	+ 0.61	+ 8.45	... .	......	....	. ....	23 2 20.70	− 0.37	.. ..	....
	February 1, P.												
4	11 Tauri.	9	35 7.03	+ 0.40	+ 8.64	13 49 48.90	43.440	+ 9.25	+ 14.6	3 35 16.07	....	+25 1 54.8	....
5	ν Persei.	9	38 47.11	+ 0.33	+ 8.64	356 33 47.85	45.768	+ 9.29	− 3.5	3 38 56.08	....	+42 17 20.6	....
6	γ Eridani.	9	53 34.88	+ 0.49	+ **8.66**	52 36	......	....	. ....	3 53 44.01	....	−13 46	....
7	λ Tauri.	9	55 25.61	+ 0.43	+ **8.62**	26 38	......	....	. ....	3 55 34.68	....	+12 13	....
8	ν Tauri.	9	58 6.32	+ 0.45	+ **8.68**	33 6	......	....	. ....	3 58 15.41	....	+ 5 43	....
9	c Persei.	9	1 49.58	+ 0.30	+ 8.64	351 23 47.85	43.965	+ 9.46	− 8.9	4 1 58.52	....	+47 28 6.7	....
10	μ Tauri.	9	10 23.06	+ 0.44	+ 8.64	30 11 50.38	43.270	+ 9.53	+ 34.4	4 10 32.14	+ 0.19	+ 8 39 37.2	+ 6.5
11	δ Tauri.	9	17 28.54	+ 0.42	+ **8.55**	21 31 49.12	44.010	+ 9.58	+ 23.4	4 17 37.61	....	+17 19 32.4	....
12	δ Orionis.	9	27 9.43	+ 0.47	+ **8.69**	39 12	......	....	. ....	5 27 18.55	....	− 0 22	....
13	α Leporis.	9	28 31.58	+ 0.50	+ **8.64**	56 44	......	....	. ....	5 28 40.73	....	−17 53	....
14	ι Orionis.	5	30 47.05	+ 0.48	+ **8.70**	44 50	......	....	. ....	5 30 56.18	....	− 5 58	....
15	ζ Tauri.	9	31 59.91	+ 0.42	+ **8.64**	17 46	......	....	. ....	5 32 8.98	....	+21 5	....
	February 3, P.												
16	δ Persei.	9	36 12.58	+ 0.34	+ 8.97	351 21 48.50	45.038	+ 9.13	− 9.1	3 36 21.89	....	+47 29 42.5	....
17	δ Fornacis.	9	38 25.66	+ 0.60	+ 8.97	71 1 52.65	47.177	+ 9.13	+2 55.6	3 38 35.23	+ 0.22	−32 14 15.1	+19.0
18	τ⁷ Eridani.	9	43 32.58	+ 0.58	+ 8.98	62 59 51.68	43.448	+ 9.13	+1 58.8	3 43 42.14	+ 0.24	−24 9 52.1	+16.9
19	γ Eridani.	9	53 34.51	+ 0.56	+ **8.93**	52 36	......	....	. ....	3 53 44.05	....	−13 46	....
20	λ Tauri.	9	55 25.14	+ 0.50	+ **8.99**	26 38	......	....	. ....	3 55 34.62	....	+12 13	....
21	ν Tauri.	9	58 5.97	+ 0.52	+ **8.94**	33 6	......	....	. ....	3 58 15.47	....	+ 5 43	....
22	c Persei.	9	1 49.26	+ 0.34	+ 8.98	351 23 49.00	43.935	+ 9.13	− 9.1	4 1 58.58	....	+47 28 7.1	....
23	87 B. Draconis s. p.	9	5 52.75	+ 1.10	+ 8.98	286 57 46.62	44.440	+ 9.13	−3 16.0	16 6 2.83	....	+68 2 54.9	....
24	A Eridani.	9	9 51.43	+ 0.56	+ 8.98	49 19 52.78	44.145	+ 9.13	+1 10.7	4 10 0.97	+ 0.16	−10 29 21.1	+12.6
25	υ⁴ Eridani.	9	14 15.37	+ 0.60	+ 8.98	72 49 53.62	44.791	+ 9.13	+3 15.2	4 14 24.95	....	−34 1 41.1	....
26	δ Tauri.	9	17 28.06	+ 0.48	+ **8.94**	21 31 50.05	43.925	+ 9.13	+ 24.0	4 17 37.52	....	+17 19 33.2	....
27	ε Tauri.	9	23 4.98	+ 0.47	+ **8.99**	19 51 50.15	46.675	+ 9.13	+ 22.1	4 23 14.43	....	+18 58 32.2	....
28	μ Leporis.	9	8 38.65	+ 0.57	+ 8.98	55 9 51.78	42.745	+ 9.13	+1 27.4	5 8 48.20	− 0.20	−16 19 4.8	+12.7
29	γ Orionis.	9	20 2.41	+ 0.52	+ **8.99**	32 33 50.90	47.612	+ 9.13	+ 39.0	5 20 11.92	....	+ 6 15 53.0	....
30	δ Orionis.	9	27 9.02	+ 0.53	+ **9.02**	39 12	......	....	. ....	5 27 18.54	....	− 0 22	....
31	φ¹ Orionis.	9	29 36.89	+ 0.51	+ 8.99	29 25 50.15	43.455	+ 9.13	+ 34.4	5 29 46.39	− 0.16	+ 9 25 33.5	+ 5.6
32	f Draconis s. p.	8	32 7.21	+ 1.07	+ 8.99	287 5 46.82	45.693	+ 9.13	−3 14.8	17 32 17.27	+ 2.35	+68 11 25.0	+13.3
33	ζ Leporis.	9	42 38.12	+ 0.57	+ 8.99	53 41 51.78	44.218	+ 9.13	+1 22.8	5 42 47.68	....	−14 51 33.8	....
34	δ Aurigæ.	9	51 48.56	+ 0.30	+ 8.99	344 35 47.10	42.658	+ 9.13	− 16.7	5 51 57.85	....	+54 16 45.9	....
35	ν Orionis.	9	2 10.02	+ 0.49	+ **8.96**	24 3 50.78	46.005	+ 9.13	+ 27.2	6 2 19.50	....	+14 46 41.8	....
36	ξ Orionis.	9	6 33.43	+ 0.50	+ 8.99	24 37 50.92	43.310	+ 9.13	+ 27.9	6 6 42.92	− 0.30	+14 13 42.6	+ 4.2
37	7 Monocerotis.	9	15 7.86	+ 0.55	+ 8.99	46 37 50.35	44.208	+ 9.13	+1 4.4	6 15 17.40	....	− 7 47 13.8	....
38	ψ¹ Aurigæ.	9	17 40.15	+ 0.35	+ 8.99	349 31 48.02	43.955	+ 9.13	− 11.2	6 17 49.49	....	+49 20 9.7	....
39	10 Monocerotis.	9	23 15.88	+ 0.54	+ **9.07**	43 31 51.55	47.675	+ 9.13	+ 57.9	6 23 25.41	....	− 4 42 27.7	....
40	13 Monocerotis.	9	27 46.67	+ 0.52	+ 8.99	31 25 49.25	47.585	+ 9.13	+ 37.3	6 27 56.18	− 0.38	+ 7 23 57.2	+ 5.5
41	h Geminorum.	9	57 30.81	+ 0.45	+ 9.00	9 21 48.32	44.790	+ 9.13	+ 10.1	6 57 40.26	− 0.50	+29 29 29.2	+ 1.3
42	δ Draconis s. p.	9	12 19.02	+ 1.05	+ 9.00	286 23 45.50	47.327	+ 9.13	−3 23.4	19 12 29.07	....	+67 29 52.4	....
43	τ Draconis s. p.	9	17 5.76	+ 1.23	+ 9.00	292 3 45.62	47.813	+ 9.13	−2 28.7	19 17 15.99	....	+73 10 58.3	....
44	β Canis Minoris.	9	22 0.77	+ 0.51	+ **9.01**	30 21 49.98	46.420	+ 9.13	+ 35.8	7 22 10.28	....	+ 8 28 24.6	....
	February 4, P.												
45	o Persei.	9	38 22.88	+ 0.43	+ 9.13	6 51 50.08	43.935	+ 8.47	+ 7.5	3 38 32.44	+ 0.43	+31 59 50.1	− 1.3
46	γ Eridani.	9	53 34.26	+ 0.57	+ **9.16**	52 36	......	....	. ....	3 53 43.96	....	−13 46	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
31 21 42	30.18	23.6	23.0
23 3	30.14	25.0	24.2
1 3 32	29.255	32.3	32.1
3 42	......	....	32.0
4 1	......	....	30.9
4 40	29.29	30.5	30.1
3 3 33	29.88	27.5	28.0
3 45	......	....	28.0
4 0	29.88	27.0	27.9
4 24	29.89	26.5	27.0
5 6	29.895	26.0	27.0
5 25	......	....	26.9
5 45	......	....	27.0
6 0	29.91	26.0	27.3
6 24	......	....	27.5
6 31	29.92	26.0	27.4
6 55	29.925	26.2	27.0
7 11	......	....	27.0
7 23	29.94	26.3	26.9
4 3 36	30.24	22.8	22.5

Micrometer bisections are made at II, VI, except as noted below.

1, 2, 25.	Bisections at I, II, VI, VII.
4, 41.	Bisections at I, II, VI.
9, 29.	Bisections at VI, VII.
16.	Bisections at I, II.
17.	Bisections at II, VI, VII.
23, 32, 42, 43.	Bisections at III, IV, V.
26.	Bisections at II, VII.
34.	Bisections at III, V.

Notes.

4–15, 42–44. Clouds.

17, 32. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 5.7	.. ....	0.0	+ 5.7
2	+ 4.8	.. ....	+0.1	+ 4.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	λ Tauri	9	55 24.98	+ 0.50	**+ 9.14**	26 38	......	....	.....	3 55 34.61	.....	+12 13	....
2	ν Tauri	9	58 5.71	+ 0.52	**+ 9.18**	33 6	......	....	.....	3 58 15.36	.....	+ 5 43	....
3	174 G. Eridani	9	1 40.16	+ 0.60	+ 9.13	66 43 51.48	44.065	+ 8.47	+2 24.2	4 1 49.89	+ 0.10	−27 54 30.8	+17.5
4	87 B. Draconis s. P.	9	5 52.60	+ 1.10	+ 9.13	286 57 46.42	44.685	+ 8.47	−3 20.8	16 6 2.83	.....	+68 2 54.9	....
5	A Eridani	9	9 51.26	+ 0.56	+ 9.13	49 19 52.18	43.982	+ 8.47	+1 12.4	4 10 0.95	+ 0.17	−10 29 18.0	+12.6
6	υ⁴ Eridani	9	14 15.10	+ 0.61	+ 9.13	72 49 53.05	44.621	+ 8.47	+3 19.8	4 14 24.84	.....	−34 1 40.5	....
7	δ Tauri	9	17 27.86	+ 0.48	**+ 9.13**	21 31 51.12	43.802	+ 8.47	+ 24.6	4 17 37.47	.....	+17 19 34.9	....
8	ε Tauri	9	23 4.81	+ 0.47	**+ 9.14**	19 51 49.75	46.708	+ 8.47	+ 22.6	4 23 14.41	.....	+18 58 32.1	....
9	γ Orionis	9	20 2.28	+ 0.52	**+ 9.11**	32 33 51.08	47.605	+ 8.74	+ 39.8	5 20 11.94	.....	+ 6 15 52.8	....
10	δ Orionis	9	27 8.87	+ 0.54	**+ 9.15**	39 12	......	....	.....	5 27 18.55	.....	− 0 22	....
11	α Leporis	9	28 31.02	+ 0.58	**+ 9.08**	56 43 50.20	43.622	+ 8.74	+1 34.8	5 28 40.74	.....	−17 53 30.0	....
12	θ¹ Orionis	9	30 35.85	+ 0.55	+ 9.14	44 17 51.20	44.222	+ 8.74	+1 0.8	5 30 45.54	− 0.21	− 5 27 11.0	+ 9.5
13	ζ Leporis	9	42 37.98	+ 0.58	+ 9.14	53 41 51.62	44.165	+ 8.74	+1 24.8	5 42 47.70	.....	−14 51 34.1	....
14	β Aurigæ	9	52 37.77	+ 0.36	+ 9.14	353 55 48.88	43.240	+ 8.74	− 6.6	5 52 47.27	.....	+44 56 21.0	....
15	δ Ursæ Minoris s. P.	9	1 30.89	+ 4.24	+ 9.14	305 29 45.60	44.329	+ 8.74	−1 27.0	18 1 44.27	.....	+86 36 39.7	....
16	22 H. Camelopardalis	9	8 35.02	+ 0.02	+ 9.14	329 29 45.58	47.438	+ 8.74	− 36.6	6 8 44.18	.....	+69 21 18.4	....
17	ψ¹ Aurigæ	9	17 40.02	+ 0.34	+ 9.14	349 31 48.02	43.955	+ 8.74	− 11.5	6 17 49.50	.....	+49 20 10.4	....
18	10 Monocerotis	9	23 15.77	+ 0.56	**+ 9.15**	43 31 50.88	47.638	+ 8.74	+ 59.4	6 23 25.47	.....	− 4 42 27.3	....
19	13 Monocerotis	9	27 46.48	+ 0.53	+ 9.14	31 25 48.90	47.568	+ 8.74	+ 38.2	6 27 56.15	− 0.38	+ 7 23 57.4	+ 5.6
20	51 H. Cephei	9	57 51.67	− 3.76	+ 9.15	311 39 44.58	47.617	+ 8.74	−1 10.0	6 57 57.06	.....	+87 11 48.4	....
21	δ Draconis s. P.	9	12 18.95	+ 1.12	+ 9.15	286 23 45.58	47.520	+ 8.74	−3 29.2	19 12 29.22	.....	+67 29 50.7	....
22	τ Draconis s. P.	9	17 5.44	+ 1.32	+ 9.15	292 3 46.20	48.002	+ 8.74	−2 32.9	19 17 15.91	.....	+73 10 58.6	....
23	β Canis Minoris	9	22 0.63	+ 0.54	**+ 9.12**	30 21 49.92	46.380	+ 8.74	+ 36.8	7 22 10.32	.....	+ 8 28 24.9	....
	February 6, P.												
24	Moon I, S.	9	15 35.88	+ 0.55	+ 9.41	37 9 51.00	47.342	+ 9.48	+ 44.2	1 15 45.84	+66.04	+ 1 39 53.9	....
25	13 H¹. Camelopardalis	9	37 7.88	+ 0.13	+ 9.43	331 57 47.62	42.655	+ 9.72	− 31.4	3 37 17.44	+ 0.44	+66 54 59.5	−11.5
26	17 Tauri	9	39 14.33	+ 0.46	+ 9.43	15 1 51.18	44.500	+ 9.72	+ 15.9	3 39 24.22	+ 0.45	+23 49 26.4	+ 1.6
27	γ Eridani	9	53 33.99	+ 0.54	**+ 9.43**	52 36	......	....	.....	3 53 43.96	.....	−13 46	....
28	λ Tauri	9	55 24.69	+ 0.49	**+ 9.41**	26 38	......	....	.....	3 55 34.61	.....	+12 13	....
29	ν Tauri	9	58 5.46	+ 0.50	**+ 9.42**	33 6	......	....	.....	3 58 15.39	.....	+ 5 43	....
30	174 G. Eridani	9	1 39.78	+ 0.55	+ 9.43	66 43 52.10	44.297	+ 9.72	+2 17.3	4 1 49.76	+ 0.14	−27 54 31.1	+17.7
31	87 B. Draconis s. P.	8	5 52.40	+ 1.04	+ 9.43	286 57 46.88	44.130	+ 9.72	−3 11.3	16 6 2.87	.....	+68 2 53.4	....
32	o² Eridani	9	10 52.11	+ 0.53	**+ 9.41**	46 37 52.50	46.108	+ 9.72	+1 2.8	4 11 2.07	.....	− 7 47 58.4	....
33	γ Tauri	5	14 23.14	+ 0.48	**+ 9.53**	23 26	......	....	.....	4 14 33.05	.....	+15 24	....
34	δ Tauri	9	17 27.55	+ 0.47	**+ 9.42**	21 31 51.12	43.912	+ 9.72	+ 23.5	4 17 37.45	.....	+17 19 32.6	....
35	γ Orionis	9	20 1.96	+ 0.51	**+ 9.41**	32 33 52.02	47.618	+ 9.84	+ 38.1	5 20 11.91	.....	+ 6 15 52.1	....
36	δ Orionis	9	27 8.58	+ 0.52	**+ 9.44**	39 12	......	....	.....	5 27 18.54	.....	− 0 22	....
37	θ¹ Orionis	9	30 35.57	+ 0.53	+ 9 44	44 17 52.90	44.248	+ 9.84	+ 58.2	5 30 45.54	− 0.19	− 5 27 11.6	+ 9.7
38	f Draconis s. P.	8	32 7.22	+ 1.01	+ 9.44	287 5 46.35	45.405	+ 9.84	−3 10.6	17 32 17.67	+ 2.18	+68 11 22.8	+14.1
39	ψ¹ Draconis s. P.	8	43 21.19	+ 1.10	+ 9.44	291 5 46.30	43.858	+ 9.84	−2 32.8	17 43 31.73	.....	+72 11 25.2	....
40	β Aurigæ	9	52 37.42	+ 0.41	+ 9.44	353 55 49.18	43.140	+ 9.84	− 6.3	5 52 47.27	.....	+44 56 21.6	....
41	74 G. Columbæ	9	2 23.68	+ 0.54	+ 9.44	68 33 53.20	45.307	+ 9.84	+2 31.2	6 2 33.66	− 0.60	−29 45 9.3	+13.6
	February 7, P.												
42	Moon I, S.	9	7 21.19	+ 0.52	+ 9.52	31 51 50.98	43.425	+ 9.70	+ 37.8	2 7 31.23	+65.41	+ 6 59 29.6	....
43	α Leporis	9	28 30.59	+ 0.55	**+ 9.50**	56 44	......	....	.....	5 28 40.68	.....	−17 53	....
44	ε Orionis	9	31 22.86	+ 0.53	**+ 9.48**	40 5 51.12	46.120	+ 9.82	+ 51.7	5 31 32.93	.....	− 1 15 46.3	....
45	ζ Orionis	8	35 57.15	+ 0.53	**+ 9.52**	40 49 51.08	45.618	+ 9.82	+ 53.0	5 36 7.22	.....	− 1 59 36.1	....
46	κ Orionis	9	43 13.81	+ 0.54	**+ 9.52**	48 31 53.12	46.708	+ 9.82	+1 9.4	5 43 23.89	.....	− 9 42 19.4	....
47	δ Aurigæ	9	51 47.81	+ 0.36	+ 9.55	344 35 48.22	42.532	+ 9.82	− 16.8	5 51 57.72	.....	+54 16 46.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 4 0	......	....	22.1
4 25	30.25	22.0	22.0
5 18	30.27	21.9	22.1
5 40	......	....	22.0
5 58	......	....	21.7
6 15	......	....	21.3
6 30	30.29	21.0	21.1
6 54	......	....	20.0
7 11	......	....	19.3
7 24	30.28	20.0	19.0
6 1 18	29.605	41.8	42.8
3 34	29.680	36.9	37.9
4 0	......	....	36.1
4 24	29.705	35.1	35.8
5 18	29.72	34.0	34.2
5 40	......	....	34.0
6 0	......	....	34.0
6 41	29.74	33.0	....
7 2 9	30.05	31.0	30.0
5 29	30.10	27.0	27.0
5 53	......	....	26.2

Micrometer bisections are made at II, VI, except as noted below.

3, 26, 30, 41.	Bisections at II, VI, VII.
4, 21, 22, 31.	Bisections at III, IV, V.
5, 7.	Bisections at VI, VII.
6.	Bisections at I, II, VI, VII.
11, 34, 37.	Bisections at I, II.
15, 20.	Bisections at b_1, b_3, b_5, b_7, b_9.
16, 25.	Bisections at III, V.
24, 42.	Bisections at II, III, IV, V, VI.
38.	Bisections at b_1, b_3, b_5.
39.	Bisections at b_1, b_5, b_7.

Notes.

16.	Circle reading decreased 2′.
24.	Micrometer reading increased 1 rev.
30.	Circle reading increased 40′.
30.	Unsteady.
31–34, 38, 39.	Clouds.
41.	Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
24	+35 6.1	+15 55.0	...	+51 1.1
42	+30 6.9	+15 38.7	...	+45 45.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	1 Geminorum	9	58 21.93	+ 0.48	+ **9.52**	15 35 50.15	42.792	+ 9.82	+ 17.2	5 58 31.96	.....	+23 16 5.2	....
2	ξ Orionis	9	6 32.76	+ 0.50	+ 9.55	24 37 51.98	43.232	+ 9.82	+ 28.2	6 6 42.81	− 0.26	+14 13 42.3	+ 4.2
3	ζ Canis Majoris	9	16 37.48	+ 0.55	+ 9.55	68 49 53.75	46.101	+ 9.82	+2 37.9	6 16 47.58	.....	−30 1 34.5	....
4	*h* Geminorum	9	57 30.19	+ 0.47	+ 9.55	9 21 49.92	44.702	+10.00	+ 10.2	6 57 40.21	− 0.48	+29 29 28.5	+ 1.0
5	λ Ursæ Minoris s. p.	8	12 7.48	+ 9.28	+ 9.55	307 51 47.91	47.503	+10.00	−1 18.7	19 12 26.31	.....	+89 0 3.2	....
6	29 Canis Majoris	9	14 41.24	+ 0.55	+ 9.55	63 11 53.22	47.860	+10.00	+2 1.6	7 14 51.34	− 0.78	−24 23 38.1	+ 9.5
7	β Geminorum	9	39 31.82	+ 0.48	+ **9.61**	10 35 49.42	46.198	+10.00	+ 11.6	7 39 41.86	.....	+28 14 53.5	....
8	ε Draconis s. p.	9	48 15.32	+ 1.00	+ 9.56	288 55 47.25	46.158	+10.00	−2 57.1	19 48 25.88	.....	+70 1 54.6	....
9	χ Geminorum	9	57 42.79	+ 0.48	+ **9.60**	10 47 50.25	45.570	+10.00	+ 11.8	7 57 52.83	.....	+28 3 6.8	....
10	4 B. Ursæ Minoris	9	7 25.72	− 7.33	+ 9.56	309 57 46.55	45.232	+10.00	−1 13.2	8 7 27.95	.....	+88 54 42.1	....
11	30 Monocerotis	9	20 54.45	+ 0.53	+ **9.58**	42 25 51.90	47.698	+10.00	+ 56.4	8 21 4.54	.....	− 3 36 28.0	....
12	η Cancri	9	27 13.96	+ 0.49	+ **9.63**	18 5 50.75	45.048	+10.00	+ 20.2	8 27 24.01	.....	+20 45 9.8	....
13	212 H¹. Draconis s. p.	9	30 9.97	+ 1.05	+ 9.56	291 5 46.58	48.498	+10.00	−2 37.8	20 30 20.58	.....	+72 13 6.7	....
14	19 G. Pyxidis	9	34 57.07	+ 0.55	+ 9.56	61 9 52.98	46.728	+10.00	+1 51.9	8 35 7.18	− 0.88	−22 21 2.4	+ 5.3
15	Jupiter I, C	5	39 47.39	+ 0.49	+ 9.56	19 37 51.02	42.368	+10.00	+ 22.1	8 39 57.44	+ 1.66	+19 12 25.9	....
16	Jupiter II	5	39 50.71	+ 0.49	+ 9.56	... .	....	.....	. ....	8 39 60.76	− 1.66	.. ..	....
17	220 H¹. Draconis s. p.	9	51 29.32	+ 1.44	+ 9.56	299 5 45.52	44.623	+10.00	−1 50.1	20 51 40.32	.....	+80 12 24.7	....
18	145 B. Lyncis	9	0 31.64	+ 0.44	+ 9.57	0 1 49.82	46.010	+10.00	+ 0.1	9 0 41.65	.....	+38 49 8.7	....
	February 8, P.												
19	Moon I, S	9	58 30.59	+ 0.54	+ 9.70	27 5 52.85	43.853	+ 8.75	+ 32.0	2 58 40.83	+65.31	+11 45 24.7	....
20	δ Corvi	9	24 56.04	+ 0.59	+ **9.83**	54 49 52.45	45.405	+10.84	+1 31.1	12 25 6.42	.....	−16 0 11.7	....
21	κ Draconis	9	29 25.56	+ 0.12	+ 9.79	328 33 46.70	46.935	+10.87	− 39.1	12 29 35.47	.....	+70 17 29.1	....
22	ρ Virginis	9	37 3.55	+ 0.54	+ **9.81**	28 6	....	.....	. ....	12 37 13.88	.....	+10 44	....
23	21 Cassiopeiæ s. p.	9	39 19.13	+ 1.27	+ 9.79	293 21 46.55	48.495	+10.94	−2 27.3	0 39 30.19	.....	+74 29 18.0	....
24	31 Comæ Berenices	9	47 3.03	+ 0.50	+ **9.76**	10 47 48.80	47.682	+10.99	+ 12.4	12 47 13.32	.....	+28 2 18.4	....
25	12 Canum Venaticorum	9	51 33.59	+ 0.46	+ 9.79	0 1 48.88	47.198	+11.02	+ 0.1	12 51 43.84	.....	+38 48 41.6	....
26	Groombridge 2006	9	3 35.83	− 5.09	+ 9.79	310 43 43.92	46.188	+11.10	−1 14.4	13 3 40.53	−18.73	+88 8 23.5	+12.4
27	γ Hydræ	9	13 44.73	+ 0.62	+ 9.79	61 29 52.78	46.628	+11.17	+1 58.6	13 13 55.14	.....	−22 41 7.8	....
28	*i* Virginis	9	21 41.04	+ 0.60	+ 9.80	51 3 51.05	44.717	+11.22	+1 19.7	13 21 51.44	+ 0.04	−12 13 43.6	− 2.1
29	69 H. Ursæ Majoris	9	24 55.06	+ 0.29	+ 9.80	338 25 47.32	47.615	+11.25	− 25.3	13 25 5.15	.....	+60 24 58.8	....
30	40 Cassiopeiæ s. p.	9	30 55.32	+ 1.26	+ 9.80	291 27 44.95	47.047	+11.29	−2 42.0	1 31 6.38	.....	+72 34 29.0	....
31	ω Cassiopeiæ s. p.	9	35 18.13	+ 1.11	+ 9.80	286 29 45.35	45.082	+11.32	−3 34.0	1 35 29.04	.....	+67 34 52.5	....
32	83 Virginis	9	39 21.19	+ 0.62	+ 9.80	54 31 51.28	47.512	+11.34	+1 30.4	13 39 31.61	+ 0.12	−15 42 58.4	− 3.5
33	89 Virginis	9	44 41.67	+ 0.62	+ **9.78**	56 29 50.12	46.108	+11.38	+1 37.2	13 44 52.09	.....	−17 40 32.0	....
34	7 Boötis	9	48 38.66	+ 0.54	+ 9.80	20 27 48.28	45.312	+11.41	+ 24.1	13 48 49.00	+ 0.16	+18 23 1.0	+ 7.2
35	47 Hydræ	9	53 10.63	+ 0.64	+ 9.80	63 19 51.68	46.732	+11.44	+2 7.9	13 53 21.07	+ 0.18	−24 31 18.6	− 6.6
36	11 Boötis	9	56 49.69	+ 0.52	+ 9.80	11 1 47.80	44.148	+11.46	+ 12.6	13 57 0.01	.....	+27 49 39.5	....
37	94 Virginis	9	1 14.65	+ 0.61	+ 9.80	47 17 51.32	43.698	+11.49	+1 9.8	14 1 25.06	.....	− 8 27 11.1	....
38	4 Ursæ Minoris	9	9 3.30	− 0.30	+ 9.80	320 53 44.32	44.920	+11.54	− 52.2	14 9 12.80	.....	+77 58 30.0	....
39	λ Virginis	9	13 57.02	+ 0.63	+ **9.79**	51 47 50.92	42.362	+11.58	+1 21.8	14 14 7.45	.....	−12 56 52.0	....
40	204 B. Boötis	9	25 48.83	+ 0.46	+ 9.80	356 37 47.25	48.222	+11.66	− 3.7	14 25 59.09	+ 0.25	+42 12 23.0	+13.1
41	56 B. Draconis	9	29 2.77	+ 0.28	+ 9.80	338 13 48.02	46.128	+11.68	− 25.6	14 29 12.85	+ 0.06	+60 37 32.0	+15.4
42	33 Boötis	9	35 14.36	+ 0.44	+ 9.80	354 3 48.12	44.592	+11.72	− 6.6	14 35 24.60	.....	+44 47 47.9	....
43	ε Boötis	9	40 47.41	+ 0.53	+ **9.83**	11 23 49.52	44.422	+11.76	+ 13.1	14 40 57.74	.....	+27 27 30.7	....
44	μ Libræ (*brighter*)	9	44 5.38	+ 0.64	+ 9.80	52 35 48.30	45.132	+11.78	+1 24.4	14 44 15.82	+ 0.51	−13 45 55.5	− 2.9
45	61 B. Draconis	9	48 55.89	+ 0.29	+ 9.80	339 11 46.20	45.580	+11.82	− 24.4	14 49 5.98	.....	+59 39 45.0	....
46	ξ² Libræ	9	51 35.47	+ 0.64	+ **9.78**	49 51 51.75	46.392	+11.83	+1 16.6	14 51 45.92	.....	−11 2 20.0	....
	February 9, Hl.												
47	Moon I, S	9	49 47.76	+ 0.54	+ 9.95	23 3 55.18	45.321	+ 7.99	+ 27.0	3 49 58.25	+65.58	+15 46 54.5	....
48	β Tauri	9	20 18.13	+ 0.53	+ **9.93**	10 20	....	.....	. ....	5 20 28.62	.....	+28 31	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 6 10	....	....	26.1
6 18	30.10	26.0	26.1
6 55	30.11	26.0	25.8
7 23	....	....	25.0
7 38	....	....	24.9
8 5	30.10	25.0	24.3
8 22	....	....	24.2
8 43	....	....	24.0
9 3	30.10	24.2	23.8
8 3 0	30.44	23.0	22.0
12 23	30.44	12.9	10.7
12 46	....	....	10.0
13 11	30.44	11.3	9.1
13 32	....	....	9.5
13 52	....	....	10.0
14 5	30.46	11.0	9.8
14 30	....	....	9.2
14 52	30.475	10.6	9.0
9 3 55	[illegible]	[illegible]	19.0
5 22	30.47	18.7	18.0

Micrometer bisections are made at II, VI, except as noted below.

3, 15.	Bisections at I, II, VI, VII.
5, 10, 26.	Bisections at b_1, b_3, b_5, b_7, b_9.
6.	Bisections at I, II, VI.
8, 13, 17, 23, 30, 31, 38.	Bisections at III, IV, V.
14, 18, 27, 28.	Bisections at II, VI, VII.
15.	Z. D. threads A used.
19, 47.	Bisections at II, III, IV, V, VI.
21, 29, 45.	Bisections at III, V.
37.	Bisections at VI, VII.
41.	Bisections at IV, V.

Notes.

5. Microscopes read at beginning and end of observation.
8. Faint.
44. Assumed that brighter was observed as directed on observing list.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+ 0.7	.. ....	...	+ 0.7
19	+25 33.2	+15 23.9	...	+40 57.1
47	+21 39.7	+15 11.1	...	+36 50.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Orionis	9	27 7.91	+ 0.60	+ 9.99	39 14	......	.....	. ....	5 27 18.47	.....	− 0 22	....
2	ι Orionis	9	30 45.57	+ 0.62	+ 9.95	44 47 54.15	47.200	+ 8.17	+1 2.9	5 30 56.15	.....	− 5 58 23.5	....
3	ζ Orionis	9	35 56.57	+ 0.61	+10.00	40 49 52.40	45.595	+ 8.17	+ 54.7	5 36 7.14	.....	− 1 59 36.9	....
4	ψ¹ Draconis S. P.	9	43 20.66	+ 1.20	+ 9.96	291 5 48.25	44.290	+ 8.17	−2 42.3	17 43 31.82	.....	+72 11 25.5	....
5	α Orionis	9	50 1.12	+ 0.60	+ 9.97	31 28	......	.....	. ....	5 50 11.69	.....	+ 7 23	....
6	θ Aurigæ	9	53 16.68	+ 0.52	+ 9.97	1 37 51.88	47.855	+ 8.17	+ 1.9	5 53 27.17	.....	+37 12 24.6	....
7	1 Geminorum	9	58 21.37	+ 0.56	+ 9.98	15 35 51.98	42.755	+ 8.17	+ 17.7	5 58 31.90	.....	+23 16 5.3	....
8	22 H. Camelopardalis	9	8 33.86	+ 0.22	+ 9.97	329 29 48.75	47.295	+ 8.17	− 37.2	6 8 44.05	.....	+69 21 19.4	....
9	ψ¹ Aurigæ	9	17 39.04	+ 0.47	+ 9.97	349 31 50.75	43.882	+ 8.17	− 11.6	6 17 49.48	.....	+49 20 10.0	....
10	Neptune C, C	9	54 3.97	+ 0.59	+ 9.97	16 49 52.48	43.520	+ 8.35	+ 19.3	6 54 14.53	.....	+22 1 45.6	....
11	κ Geminorum	9	38 43.78	+ 0.60	+ 9.94	14 14	......	.....	. ....	7 38 54.36	.....	+24 37	....
	February 10, M.												
12	Sun I, N	9	30 40.99	+ 0.68	+10.09	53 11 53.88	45.065	+ 8.41	+1 22.9	21 30 51.76	+67.22	−14 21 54.2	....
13	Sun II, S	9	32 55.44	+ 0.68	+10.09	53 43 54.92	45.992	+ 8.41	+1 24.5	21 33 6.21	−67.23	−14 54 19.0	....
14	Venus I, S	9	46 34.63	+ 0.60	+10.10	41 15 53.00	46.658	+ 8.24	+ 54.0	23 46 45.33	+ 0.46	− 2 26 1.2	....
	February 12, P.												
15	δ Orionis	9	27 7.56	+ 0.49	+10.41	39 12	......	.....	. ....	5 27 18.40	.....	− 0 22	....
16	α Leporis	9	28 29.75	+ 0.50	+10.32	56 44	......	.....	. ....	5 28 40.60	.....	−17 53	....
17	ε Orionis	9	31 21.98	+ 0.50	+10.33	40 5 50.68	46.192	+ 9.12	+ 51.0	5 31 32.83	.....	− 1 15 46.1	....
18	ζ Orionis	9	35 56.27	+ 0.50	+10.37	40 49 50.85	45.710	+ 9.12	+ 52.4	5 36 7.12	.....	− 1 59 36.6	....
19	κ Orionis	9	43 12.98	+ 0.50	+10.33	48 31 53.12	46.795	+ 9.12	+1 8.5	5 43 23.83	.....	− 9 42 19.8	....
20	δ Aurigæ	9	51 46.83	+ 0.40	+10.35	344 35 47.88	42.542	+ 9.12	− 16.6	5 51 57.58	.....	+54 16 47.7	....
21	1 Geminorum	9	58 21.07	+ 0.47	+10.33	15 35 50.08	42.835	+ 9.12	+ 16.9	5 58 31.89	.....	+23 16 5.2	....
	February 12, M.												
22	Moon I, S	9	27 21.68	+ 0.48	+10.41	16 43 49.52	44.095	+ 9.12	+ 18.2	6 27 32.57	+66.50	+22 7 36.3	....
23	Moon N	.	.. ..	....	.....	16 13 50.42	43.942	+ 9.12	+ 17.7	.. ..	.....	+22 37 38.3	....
	February 12, P.												
24	ζ Geminorum	9	58 28.81	+ 0.48	+10.35	18 8	......	.....	. ....	6 58 39.65	.....	+20 42	....
25	γ Canis Majoris	9	59 25.52	+ 0.51	+10.35	54 20	......	.....	. ....	6 59 36.39	.....	−15 30	....
	February 16, Hl.												
26	Moon I, N	9	54 28.55	+ 0.35	+11.10	22 39 47.82	46.585	+10.31	+ 25.0	9 54 40.00	+63.64	+16 10 32.5	....
27	Moon II	9	56 35.82	+ 0.35	+11.10	... .	......	.....	. ....	9 56 47.27	−63.63	.. ..	....
	February 16, M.												
28	31 Leonis Minoris	9	22 23.43	+ 0.29	+11.17	1 39 46.45	47.522	+10.39	+ 1.8	10 22 34.89	.....	+37 10 35.6	....
29	29 Sextantis	9	24 37.55	+ 0.38	+11.17	41 5 48.25	47.240	+10.41	+ 52.3	10 24 49.10	.....	− 2 16 10.2	....
30	β Ursæ Majoris	9	56 7.87	+ 0.16	+11.17	341 59 45.82	43.710	+10.57	− 19.4	10 56 19.20	.....	+56 52 24.2	....
31	χ Hydræ	9	0 43.20	+ 0.29	+11.17	65 37 50.22	42.883	+10.59	+2 11.8	11 0 54.66	− 0.87	−26 47 52.1	0.0
32	δ Leonis	9	9 2.22	+ 0.34	+11.17	17 50	......	.....	. ....	11 9 13.73	.....	+21 1	....
33	n Leonis	9	10 52.27	+ 0.36	+11.17	25 1 47.15	46.725	+10.64	+ 28.1	11 11 3.80	− 0.61	+13 48 26.8	+ 5.2
34	o Cephei S. P.	9	14 35.07	+ 1.00	+11.17	286 31 45.98	43.477	+10.66	−3 18.7	23 14 47.24	.....	+67 36 31.1	....
35	τ Leonis	9	23 1.44	+ 0.38	+11.16	35 28	......	.....	. ....	11 23 12.99	.....	+ 3 21	....
36	58 Ursæ Majoris	9	25 22.07	+ 0.26	+11.17	355 9 46.12	47.948	+10.72	− 5.0	11 25 33.50	− 0.89	+43 40 32.6	+ 7.5
37	υ Leonis	8	32 3.30	+ 0.38	+11.20	39 9 48.08	44.420	+10.75	+ 48.9	11 32 14.85	.....	− 0 19 2.5	....
38	β Leonis	9	44 11.11	+ 0.36	+11.19	23 45 48.02	45.180	+10.81	+ 26.5	11 44 22.65	.....	+15 5 2.5	....
39	π Virginis	9	55 58.51	+ 0.37	+11.15	31 43 47.92	43.438	+10.87	+ 37.2	11 56 10.06	.....	+ 7 7 31.6	....
40	o Virginis	9	0 20.34	+ 0.37	+11.18	29 35 47.25	46.210	+10.90	+ 34.2	12 0 31.89	.....	+ 9 14 31.9	....
41	2 Canum Venaticorum	9	11 20.25	+ 0.28	+11.18	357 39 46.92	48.845	+10.95	− 2.4	12 11 31.71	.....	+41 10 8.5	....
	February 17, M.												
42	Sun S	.	.. ..	....	.....	51 23 50.52	44.885	+ 9.26	+1 15.2	21 59	.....	−12 33 40.0	....
43	Sun N	.	.. ..	....	.....	50 51 49.75	43.948	+ 9.26	+1 13.8	.. ..	.....	−12 1 17.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 5 40	......	....	17.6
6 3	......	....	17.0
6 22	30.47	17.7	16.9
6 49	......	....	16.6
7 2	......	....	16.1
7 26	30.47	16.9	15.9
10 21 33	30.40	25.7	25.9
23 47	30.35	29.2	29.2
12 5 30	30.28	36.0	35.5
6 0	......	....	35.8
6 8	30.275	36.0	....
6 29	30.27	36.2	36.0
16 9 57	29.58	31.4	30.2
10 20	......	....	30.0
10 26	29.58	30.8	....
11 3	......	....	29.4
11 29	29.59	29.6	28.8
11 59	29.59	29.0	28.5
12 23	29.60	28.8	28.4
17 22 0	29.76	32.9	31.0

Micrometer bisections are made at II, VI, except as noted below.

10, 14. Bisections at I, II, VI, VII.
12, 33. Bisections at I, II.
13. Bisections at VI, VII.
20. Bisections at III, V.
22. Bisections at I, II, III.
23. Bisections at V, VI, VII.
26. Bisections at II, III, IV, V, VI.
31. Bisections at I, II, VI.
34. Bisections at III, IV, V.
42. Bisections at I, III.
43. Bisections at V, VII.

Notes.

20. Haze.
24, 25, 41. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 0.1	.. ..	...	+ 0.1
12	+ 7.1	−16 12.3	...	−16 5.2
13	+ 7.2	+16 12.4	...	+16 19.6
14	+ 4.6	+ 6.8	...	+ 11.4
22	+15 28.2	+14 47.5	− 0.3	+30 15.4
23	+15 0.9	−14 47.5	...	+ 13.4
26	+20 45.1	−14 47.3	...	+ 5 57.8
42	+ 6.9	+16 11.4	...	+16 18.3
43	+ 6.9	−16 11.4	...	−16 4.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	February 17, Ei.-M.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	1 Geminorum	9	58 20.13	+ 0.42	+11.26	15 35 47.18	42.965	+ 9.54	+ 17.0	5 58 31.86	.....	+23 16 4.5	....
2	B. D.+28°1036	9	5 12.89	+ 0.41	+11.31	9 55 45.82	44.665	+ 9.54	+ 10.7	6 5 24.61	− 0.16	+28 55 33.4	− 0.1
	February 17, M.												
3	22 H. Camelopardalis	8	8 32.29	+ 0.10	+11.31	329 29 44.98	47.245	+ 9.54	− 35.7	6 8 43.70	.....	+69 21 21.7	....
4	ζ Canis Majoris	9	16 35.70	+ 0.44	+11.31	68 49 49.30	46.440	+ 9.54	+2 36.4	6 16 47.45	.....	−30 1 36.1	....
	February 17, Ei.-M.												
5	ν Geminorum	9	23 18.60	+ 0.42	+11.26	18 33 48.05	47.788	+ 9.54	+ 20.5	6 23 30.33	.....	+20 16 10.1	....
6	γ Geminorum	9	32 12.46	+ 0.43	+11.26	22 21 47.80	46.422	+ 9.54	+ 25.1	6 32 24.20	.....	+16 28 36.9	....
7	ε Geminorum	7	38 4.97	+ 0.42	+11.29	13 37 51.25	44.900	+ 9.54	+ 14.8	6 38 16.70	.....	+25 13 18.5	....
	February 17, M.												
8	θ Canis Majoris	9	49 43.61	+ 0.45	+11.36	50 45 49.22	44.675	+ 9.54	+1 14.5	6 49 55.37	.....	−11 55 33.8	....
9	γ Canis Majoris	9	59 24.56	+ 0.46	+11.30	54 20	......	.....	. ....	6 59 36.33	.....	−15 30	....
10	λ Geminorum	7	12 37.12	+ 0.43	+11.32	22 8	......	.....	. ....	7 12 48.87	.....	+16 42	....
11	χ Geminorum	9	57 41.03	+ 0.38	+11.43	10 48	......	.....	. ....	7 57 52.73	.....	+28 3	....
12	30 Monocerotis	9	20 52.75	+ 0.43	+11.38	42 26	......	.....	. ....	8 21 4.50	.....	− 3 36	....
	February 17, Hl.												
13	30 H. Camelopardalis	9	19 55.27	− 1.06	+11.29	315 49 43.80	47.745	+ 9.53	− 59.4	10 20 5.50	− 8.30	+83 1 34.7	+ 1.2
14	ρ Leonis	9	27 47.04	+ 0.43	+11.34	29 3 47.68	45.762	+ 9.59	+ 34.2	10 27 58.76	.....	+ 9 46 43.0	....
15	41 Leonis Minoris	9	38 13.99	+ 0.40	+11.32	15 11 47.70	42.900	+ 9.67	+ 16.7	10 38 25.68	.....	+23 40 6.0	....
	February 17, M.												
16	Moon N	.	.. ..	....	.....	26 29 46.22	43.903	+ 9.71	+ 30.7	.. ..	.....	+12 21 27.6	....
17	Moon II, S	7	45 12.00	+ 0.43	+11.36	26 59 48.70	44.322	+ 9.72	+ 31.4	10 45 23.79	−62.87	+11 51 20.2	....
	February 17, Hl.												
18	β Ursæ Majoris	9	56 7.87	+ 0.23	+11.30	341 59 46.38	43.765	+ 9.80	− 19.9	10 56 19.40	.....	+56 52 23.6	....
19	p^4 Leonis	9	2 1.71	+ 0.44	+11.30	36 23 48.42	43.992	+ 9.84	+ 45.4	11 2 13.45	.....	+ 2 27 11.3	....
20	o Cephei s. P.	9	14 35.12	+ 1.05	+11.30	286 29 42.85	49.105	+ 9.94	−3 24.1	23 14 47.47	.....	+67 36 30.2	....
21	58 Ursæ Majoris	9	25 22.03	+ 0.33	+11.30	355 9 45.22	48.025	+10.02	− 5.1	11 25 33.66	− 0.91	+43 40 32.5	+ 7.4
22	υ Leonis	9	32 3.16	+ 0.44	+11.30	39 9 48.28	44.342	+10.07	+ 50.2	11 32 14.90	.....	− 0 19 1.6	....
23	β Virginis	9	45 43.04	+ 0.44	+11.28	36 33 47.85	44.725	+10.18	+ 45.8	11 45 54.78	.....	+ 2 16 54.4	....
24	π Virginis	9	55 58.40	+ 0.43	+11.21	31 43 47.00	43.455	+10.25	+ 38.2	11 56 10.13	.....	+ 7 7 31.8	....
25	o Virginis	9	0 20.19	+ 0.43	+11.29	29 35 47.02	46.175	+10.29	+ 35.1	12 0 31.92	.....	+ 9 14 32.7	....
26	6 B. Ursæ Minoris	7	14 48.64	− 5.69	+11.31	310 39 41.52	46.067	+10.40	−1 11.4	12 14 54.26	.....	+88 12 26.6	....
27	ρ Virginis	9	37 2.35	+ 0.43	+11.33	28 5 46.98	46.500	+10.56	+ 32.9	12 37 14.09	.....	+10 44 27.2	....
28	43 H. Cephei s. P.	9	55 35.28	+ 3.23	+11.31	304 37 41.78	48.077	+10.70	−1 28.8	0 55 49.82	.....	+85 46 1.6	....
	February 18, Hl.												
29	Sun I, S	8	1 59.57	+ 0.54	+11.33	51 1 52.02	47.650	+ 9.20	+1 14.9	22 2 11.44	+66.48	−12 12 44.2	....
30	Sun II, N	9	4 12.52	+ 0.54	+11.33	50 29 51.70	46.640	+ 9.20	+1 13.4	22 4 24.39	−66.47	−11 40 20.3	....
	February 19, P.												
31	22 Camelopardalis	9	30 7.37	+ 0.27	+11.51	342 33 47.48	43.190	+ 9.18	− 18.5	5 30 19.15	− 0.08	+56 18 35.1	− 8.7
32	ζ Orionis	9	35 55.05	+ 0.48	+11.51	40 49 50.32	45.812	+ 9.18	+ 51.2	5 36 7.04	.....	− 1 59 37.3	....
33	κ Orionis	9	43 11.72	+ 0.49	+11.50	48 31 51.68	46.952	+ 9.18	+1 7.0	5 43 23.72	.....	− 9 42 20.5	....
34	α Orionis	9	49 59.57	+ 0.47	+11.52	31 27 50.10	44.068	+ 9.18	+ 36.2	5 50 11.55	.....	+ 7 23 17.8	....
35	1 Geminorum	9	58 19.83	+ 0.44	+11.51	15 35 47.85	42.908	+ 9.18	+ 16.6	5 58 31.78	.....	+28 16 6.1	....
36	40 Draconis s. P.	9	6 39.48	+ 1.61	+11.51	298 51 44.82	46.410	+ 9.18	−1 46.6	18 6 52.60	+ 3.29	+79 59 7.5	+15.6
37	ψ^1 Auriga	7	17 37.30	+ 0.33	+11.51	349 31 47.82	43.835	+ 9.18	− 10.9	6 17 49.14	.....	+49 20 12.2	....
38	Neptune C, C	9	53 13.28	+ 0.46	+11.52	16 47 49.50	45.330	+ 9.45	+ 17.9	6 53 25.26	.....	+22 3 7.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 5 56	29.87	27.6	26.9
6 11	......	....	27.0
6 41	29.90	27.3	27.2
10 9	29.97	25.3	24.0
10 32	......	....	23.9
10 46	29.98	24.8	23.6
11 9	......	....	23.1
11 22	......	....	23.0
11 37	29.98	23.6	22.7
12 4	......	....	22.1
12 25	......	....	23.0
12 43	......	....	23.0
13 3	29.99	22.3	22.0
18 22 4	30.07	33.0	32.2
19 5 29	[illegible]	32.3	32.1
5 48	......	....	32.0
6 26	29.38	31.5	31.8
6 51	29.37	31.5	31.3

Micrometer bisections are made at II, VI, except as noted below.

1,30. Bisections at VI, VII.
3,31. Bisections at III, V.
6, 7. Bisections at II, VI, VII.
9. Bisections at I, II, VI.
13. Bisections at II, IV.
15,29. Bisections at I, II.
16. Bisections at I, II, III.
17. Bisections at V, VI, VII.
26. Bisections at b_7, b_8, b_9.
28. Bisections at III, IV, V.
36. Bisections at b_1, b_3, b_5, b_7, b_9.
37. Bisections at III, VII.
38. Bisections at I, II, VI, VII.

Notes.

4–11. Poor.
6, 7, 36. Very unsteady.
11, 31, 36, 37. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+24 8.0	−14 50.9	...	+ 9 17.1
17	+24 33.6	+14 50.9	0.0	+39 24.5
29	+ 6.9	+16 11.9	...	+16 18.8
30	+ 6.8	−16 11.9	...	−16 5.1
38	+ 0.1	.. ....	...	+ 0.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	22 Canis Majoris	9	57 51.92	+ 0.51	+11.52	66 37 51.85	44.092	+ 9.45	+2 16.6	6 58 3.95	− 0.64	−27 48 25.2	+13.0
2	δ Draconis s. p.	8	12 17.10	+ 1.02	+11.52	286 23 45.08	46.790	+ 9.45	−3 17.6	19 12 29.64	.....	+67 29 45.8	....
3	19 Lyncis	9	15 10.93	+ 0.31	+11.52	343 23 47.20	46.288	+ 9.45	− 17.6	7 15 22.76	.....	+55 27 23.4	....
4	β Canis Minoris	9	21 58.20	+ 0.49	**+11.53**	30 21 49.95	46.452	+ 9.45	+ 34.7	7 22 10.21	.....	+ 8 28 24.7	....
5	β Geminorum	9	39 29.89	+ 0.45	**+11.52**	10 35 48.55	46.237	+ 9.45	+ 11.2	7 39 41.86	.....	+28 14 54.3	....
6	Jupiter I, C	5	33 48.52	+ 0.48	+11.53	19 15 49.75	40.695	+ 9.53	+ 20.8	8 34 0.53	+ 1.65	+19 35 7.2	....
7	Jupiter II	5	33 51.82	+ 0.48	+11.53	... .	......	.....	. ....	8 34 3.83	− 1.65	... .	....
8	ζ Hydræ	8	50 20.61	+ 0.50	**+11.52**	32 34	......	.....	. ....	8 50 32.64	.....	+ 6 17	....
	February 20, M.												
9	Sun I, S	7	9 41.92	+ 0.54	+11.74	50 19 50.78	46.818	+ 9.43	+1 12.1	22 9 54.20	+66.18	−11 30 21.4	....
10	Sun II, N	9	11 54.29	+ 0.54	+11.74	49 47 50.85	45.867	+ 9.43	+1 10.8	22 12 6.57	−66.19	−10 57 59.3	....
11	Venus I, S	9	30 5.12	+ 0.49	+11.75	36 1 49.60	44.634	+ 9.15	+ 43.5	0 30 17.36	+ 0.48	+ 2 48 58.0	....
12	θ Canis Majoris	9	49 43.09	+ 0.48	**+11.82**	50 46	......	.....	. ....	6 49 55.42	.....	−11 55	....
13	Neptune C, C	9	53 8.61	+ 0.45	+11.85	16 47 48.05	45.059	+ 9.57	+ 18.4	6 53 20.91	.....	+22 3 14.5	....
14	h Geminorum	9	57 27.79	+ 0.44	+11.85	9 21 47.70	44.815	+ 9.59	+ 10.1	6 57 40.08	− 0.36	+29 29 28.7	+ 0.1
15	λ Ursæ Minoris s. p.	8	12 15.26	+ 8.92	+11.86	307 51 47.65	47.315	+ 9.64	−1 18.0	19 12 36.04	.....	+88 59 58.8	....
16	29 Canis Majoris	9	14 38.88	+ 0.48	+11.86	63 11 49.92	48.140	+ 9.65	+2 0.6	7 14 51.22	− 0.65	−24 23 39.8	+11.8
17	β Geminorum	9	39 29.55	+ 0.44	**+11.86**	10 35 46.70	46.345	+ 9.74	+ 11.5	7 39 41.85	.....	+28 14 53.2	....
18	ε Draconis s. p.	9	48 13.63	+ 0.98	+11.86	288 55 47.30	45.857	+ 9.77	−2 55.8	19 48 26.47	.....	+70 1 48.8	....
19	χ Geminorum	9	57 40.51	+ 0.44	**+11.88**	10 47 47.10	45.716	+ 9.80	+ 11.7	7 57 52.81	.....	+28 3 6.9	....
20	4 B. Ursæ Minoris	7	7 17.50	− 7.03	+11.86	309 57 45.30	45.095	+ 9.84	−1 12.6	8 7 22.33	.....	+88 54 46.4	....
21	30 Monocerotis	9	20 52.16	+ 0.48	**+11.91**	42 25 49.15	47.955	+ 9.89	+ 56.0	8 21 4.50	.....	− 3 36 30.6	....
22	η Cancri	9	27 11.72	+ 0.45	**+11.92**	18 6	......	.....	. ....	8 27 24.03	.....	+20 45	....
23	212 H¹. Draconis s. p.	9	30 8.31	+ 1.03	+11.86	291 5 45.95	48.285	+ 9.92	−2 36.6	20 30 21.20	.....	+72 13 2.3	....
24	19 G. Pyxidis	9	34 54.91	+ 0.48	+11.87	61 9 51.05	47.020	+ 9.93	+1 51.0	8 35 7.26	− 0.86	−22 21 6.1	+ 8.0
25	δ Cancri	9	39 15.88	+ 0.46	**+11.86**	20 22	......	.....	. ....	8 39 28.21	.....	+18 29	....
26	ι Cancri	9	40 56.36	+ 0.44	**+11.92**	9 45 46.35	44.135	+ 9.96	+ 10.6	8 41 8.67	.....	+29 5 44.7	....
27	220 H¹. Draconis s. p.	9	51 27.42	+ 1.40	+11.87	299 5 44.70	44.472	+ 9.99	−1 49.2	20 51 40.69	.....	+80 12 21.3	....
28	145 B. Lyncis	9	0 29.45	+ 0.42	+11.87	0 1 47.52	46.090	+10.03	+ 0.1	9 0 41.74	.....	+38 49 9.3	....
	February 20, Hl.												
29	κ Draconis	9	29 24.04	+ 0.05	+11.83	328 33 44.98	46.863	+10.45	− 37.4	12 29 35.92	.....	+70 17 30.7	....
30	ρ Virginis	9	37 1.83	+ 0.47	**+11.87**	28 6	......	.....	. ....	12 37 14.13	.....	+10 44	....
31	21 Cassiopeiæ s. p.	9	39 16.67	+ 1.27	+11.83	293 21 44.95	48.170	+10.48	−2 20.7	0 39 29.77	.....	+74 29 14.2	....
32	31 Comæ Berenices	9	47 1.44	+ 0.44	**+11.72**	10 47 48.18	47.778	+10.51	+ 11.8	12 47 13.71	.....	+28 2 17.7	....
33	12 Canum Venaticorum	9	51 32.07	+ 0.40	+11.83	0 1 47.05	47.295	+10.52	+ 0.1	12 51 44.30	.....	+38 48 41.7	....
34	Moon II, S	9	6 48.13	+ 0.50	+11.83	41 9 48.32	47.895	+10.57	+ 53.8	13 7 0.46	−62.69	− 2 20 27.0	....
35	i Virginis	9	21 39.43	+ 0.50	+11.83	51 3 49.28	45.130	+10.61	+1 16.1	13 21 51.76	− 0.28	−12 13 47.0	0.0
36	73 Virginis	9	26 52.97	+ 0.51	+11.83	57 6	......	.....	. ....	13 27 5.31	− 0.28	−18 16	....
37	40 Cassiopeiæ s. p.	9	30 52.97	+ 1.19	+11.83	291 27 43.50	46.725	+10.64	−2 34.6	1 31 5.99	.....	+72 34 26.1	....
38	89 Virginis	9	44 40.06	+ 0.51	**+11.84**	56 29 48.30	46.525	+10.68	+1 32.8	13 44 52.41	.....	−17 40 34.6	....
39	47 Hydræ	9	53 9.11	+ 0.51	+11.84	63 19 49.80	47.188	+10.71	+2 2.2	13 53 21.46	− 0.17	−24 31 20.7	− 4.1
40	94 Virginis	9	1 13.19	+ 0.50	+11.84	47 17 48.88	44.085	+10.74	+1 6.6	14 1 25.53	.....	− 8 27 13.3	....
41	ι Virginis	9	10 59.07	+ 0.50	**+11.79**	44 24	......	.....	. ....	14 11 11.41	.....	− 5 33	....
42	λ Virginis	9	13 55.47	+ 0.50	**+11.82**	51 46	......	.....	. ....	14 14 7.81	.....	−12 56	....
43	ι Cassiopeiæ s. p.	9	21 13.56	+ 1.04	+11.84	285 55 42.65	41.558	+10.80	−3 31.8	2 21 26.44	.....	+66 59 30.7	....
44	56 B. Draconis	9	29 1.32	+ 0.23	+11.84	338 13 46.62	46.120	+10.82	− 24.4	14 29 13.39	− 0.56	+60 37 32.7	+15.3
45	33 Boötis	9	35 12.84	+ 0.37	+11.84	354 3 46.40	44.680	+10.84	− 6.3	14 35 25.05	.....	+44 47 48.2	....
46	ε Boötis	9	40 45.88	+ 0.44	**+11.83**	11 23 46.52	44.665	+10.86	+ 12.5	14 40 58.16	.....	+27 27 29.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
19 7 10	......	....	31.6
7 23	......	....	31.5
7 37	......	....	31.1
8 10	29.37	31.1	31.0
8 35	29.37	31.1	31.0
20 22 12	29.70	34.0	32.0
0 30	29.73	34.8	33.0
6 50	29.90	27.2	26.7
7 4	......	....	26.5
7 22	29.91	26.9	....
7 42	......	....	25.6
8 2	......	....	25.3
8 24	29.93	25.7	25.2
8 38	......	....	25.2
9 2	29.93	25.2	24.7
12 18	29.94	23.8	24.0
12 45	......	....	23.4
12 58	29.93	23.2	23.0
13 12	......	....	23.0
13 44	......	....	23.0
13 59	......	....	23.0
14 26	......	....	23.0
14 51	29.92	22.1	22.0

Micrometer bisections are made at II, VI, except as noted below.

1, 5, 29. Bisections at II, VI, VII.
2, 18, 23, 27. Bisections at III, IV, V.
3. Bisections at III, V.
6. Z. D. threads A used.
6, 11, 13. Bisections at I, II, VI, VII.
9, 31, 37. Bisections at I, II.
10. Bisections at V, VI, VII.
15. Bisections at b_7, b_8, b_9.
16. Bisections at I, II, VI.
20. Bisections at b_2, b_5, b_8.
32, 44. Bisections at VI, VII.
34. Bisections at II, III, IV, V, VI.
39. Bisections at II, VII.

Notes.

2. Clouds; poor.
3, 5, 8, 40. Clouds.
18, 23, 27. Unsteady.
29–46. Conditions very poor.
43. Very poor image.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+ 0.7	.. ....	...	+ 0.7
9	+ 6.8	+16 11.0	...	+16 17.8
10	+ 6.8	−16 11.1	...	−16 4.3
11	+ 4.3	+ 7.2	...	+ 11.5
13	+ 0.1	.. ....	...	+ 0.1
34	+36 27.6	+15 10.0	...	+51 37.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	February 21, Hl.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, N	9	13 32.04	+ 0.56	+11.88	49 25 50.98	47.295	+ 8.69	+1 10.0	22 13 44.48	+66.08	−10 36 29.6	....
2	Sun II, S	9	15 44.21	+ 0.56	+11.88	49 57 51.90	48.065	+ 8.69	+1 11.3	22 15 56.65	−66.09	−11 8 50.4	....
3	Neptune C, C	9	53 4.28	+ 0.44	+11.92	16 47 49.78	44.698	+ 8.58	+ 18.1	6 53 16.64	.....	+22 3 22.3	....
4	22 Canis Majoris	9	57 51.48	+ 0.51	+11.92	66 37 51.68	44.072	+ 8.58	+2 18.1	6 58 3.91	− 0.61	−27 48 25.2	+13.3
5	δ Draconis S. P.	9	12 16.96	+ 1.07	+11.92	286 23 45.82	46.888	+ 8.58	−3 20.0	19 12 29.93	.....	+67 29 45.2	....
6	19 Lyncis	9	15 10.49	+ 0.27	+11.92	343 23 47.58	46.262	+ 8.58	− 17.8	7 15 22.68	.....	+55 27 24.2	....
7	β Canis Minoris	9	21 57.75	+ 0.47	**+11.98**	30 21 49.02	46.510	+ 8.58	+ 35.2	7 22 10.14	.....	+ 8 28 24.4	....
8	β Geminorum	9	39 29.38	+ 0.43	**+12.03**	10 35 47.90	46.280	+ 8.58	+ 11.3	7 39 41.73	.....	+28 14 54.8	....
9	φ Geminorum	9	47 40.26	+ 0.43	**+12.01**	11 49 48.20	48.015	+ 8.58	+ 12.6	7 47 52.62	.....	+27 0 13.6	....
10	χ Geminorum	9	57 40.39	+ 0.43	**+12.00**	10 47 47.65	45.722	+ 8.58	+ 11.5	7 57 52.75	.....	+28 3 7.6	....
11	ρ Argus	9	3 25.95	+ 0.51	+11.93	62 51 52.12	45.250	+ 8.58	+1 56.5	8 3 38.39	.....	−24 2 30.9	....
12	β Cancri	9	11 19.76	+ 0.47	**+11.99**	29 21 49.62	47.460	+ 8.58	+ 33.7	8 11 32.16	.....	+ 9 28 3.8	....
	February 21, P.												
13	δ Corvi	9	24 54.33	+ 0.51	**+11.90**	54 49 52.10	45.922	+ 9.20	+1 24.7	12 25 6.80	.....	−16 0 15.3	....
14	f Virginis	9	31 51.06	+ 0.50	+11.96	44 9 51.88	45.338	+ 9.20	+ 58.0	12 32 3.52	.....	− 5 19 34.8	....
15	ρ Virginis	9	37 1.79	+ 0.47	**+11.94**	28 5 50.12	46.522	+ 9.20	+ 32.0	12 37 14.22	.....	+10 44 25.8	....
16	Groombridge 1922	9	40 37.17	+ 0.34	+11.96	352 55 47.58	43.232	+ 9.20	− 7.3	12 40 49.47	− 0.82	+45 56 22.7	+10.1
17	31 Comæ Berenices	9	47 1.32	+ 0.42	**+11.89**	10 47 48.38	47.822	+ 9.20	+ 11.5	12 47 13.71	.....	+28 2 18.3	....
18	8 Draconis	9	51 38.61	+ 0.10	+11.97	332 55 46.15	45.200	+ 9.20	− 30.4	12 51 50.68	.....	+65 56 2.3	....
19	Groombridge 2006	9	3 40.94	− 5.61	+11.97	310 43 44.25	45.899	+ 9.20	−1 9.1	13 3 47.30	−26.22	+88 8 26.4	+10.1
20	γ Hydræ	9	13 43.09	+ 0.52	+11.97	61 29 52.90	47.208	+ 9.20	+1 49.9	13 13 55.58	.....	−22 41 10.5	....
21	i Virginis	9	21 39.33	+ 0.51	+11.97	51 3 51.08	45.238	+ 9.20	+1 14.0	13 21 51.81	− 0.30	−12 13 47.7	+ 0.2
22	204 B. Boötis	9	25 47.31	+ 0.37	+11.98	356 37 48.80	48.228	+ 9.21	− 3.4	14 25 59.66	− 0.22	+42 12 23.4	+13.4
23	6 B. Libræ	9	31 53.50	+ 0.49	+11.98	50 45 51.18	42.952	+ 9.21	+1 13.0	14 32 5.97	+ 0.05	−11 54 54.8	− 0.3
24	32 Libræ	9	22 51.22	+ 0.50	**+11.91**	55 14	......	....	. ....	15 23 3.70	.....	−16 23	....
25	β Coronæ Borealis	8	23 49.50	+ 0.42	**+12.03**	9 26	......	....	. ....	15 24 1.90	.....	+29 25	....
26	β^1 Scorpii	8	59 52.12	+ 0.50	**+11.92**	58 22	......	....	. ....	16 0 4.61	.....	−19 33	....
27	ν Scorpii (*mean*)	9	6 25.71	+ 0.50	**+11.93**	58 4	......	....	. ....	16 6 38.20	.....	−19 13	....
28	δ Ophiuchi	9	9 18.40	+ 0.48	**+11.95**	42 17 50.80	45.530	+ 9.21	+ 54.6	16 9 30.87	.....	− 3 27 34.7	....
29	ε Ophiuchi	9	13 14.11	+ 0.48	**+11.96**	43 17 51.32	47.075	+ 9.21	+ 56.6	16 13 26.58	.....	− 4 28 12.6	....
	February 24, M.												
30	Sun I	9	24 58.52	+ 0.53	+12.45	48 38	......	....	. ....	22 25 11.50	+65.86	.. ..	....
31	Sun II	8	27 10.25	+ 0.53	+12.45	... .	......	....	. ....	22 27 23.23	−65.87	.. ..	....
32	Venus I, S	9	47 22.45	+ 0.47	+12.47	33 55 50.40	47.164	+ 8.46	+ 40.6	0 47 35.39	+ 0.49	+ 4 54 3.0	....
33	θ Canis Majoris	9	49 42.36	+ 0.53	**+12.44**	50 45 51.50	44.685	+ 8.56	+1 14.8	6 49 55.42	.....	−11 55 35.5	....
34	h Geminorum	9	57 27.09	+ 0.48	+12.53	9 21 49.30	44.790	+ 8.56	+ 10.1	6 57 40.10	− 0.31	+29 29 28.7	− 0.1
35	λ Ursæ Minoris S. P.	7	12 18.23	+ 8.42	+12.53	307 51 46.25	47.405	+ 8.56	−1 18.2	19 12 39.18	.....	+88 59 58.2	....
36	25 H. Camelopardalis	9	11 38.97	− 0.46	+12.53	316 17 47.45	42.215	+ 8.56	− 58.2	7 11 51.04	.....	+82 35 37.6	....
37	φ Geminorum	9	47 39.66	+ 0.47	**+12.55**	11 51 49.22	42.742	+ 8.56	+ 12.9	7 47 52.66	.....	+27 0 12.8	....
38	χ Geminorum	9	57 39.80	+ 0.47	**+12.53**	10 47 49.02	45.670	+ 8.56	+ 11.7	7 57 52.81	.....	+28 3 7.3	....
39	3 H. Ursæ Majoris	9	3 29.31	+ 0.19	+12.54	330 7 48.00	43.232	+ 8.56	− 35.0	8 3 42.04	.....	+68 44 50.7	....
40	4 B. Ursæ Minoris	5	7 14.96	− 7.24	+12.54	309 57 46.42	45.015	+ 8.56	−1 12.6	8 7 20.26	.....	+88 54 47.9	....
41	30 Monocerotis	9	20 51.48	+ 0.50	**+12.55**	42 25 50.70	47.950	+ 8.56	+ 56.0	8 21 4.52	.....	− 3 36 30.7	....
42	181 B. Camelopardalis	9	29 20.13	+ 0.04	+12.54	324 55 46.82	42.615	+ 8.56	− 42.8	8 29 32.71	− 2.79	+73 57 13.6	− 6.9
43	Jupiter I, C	5	31 36.53	+ 0.47	+12.54	19 7 49.62	40.686	+ 8.56	+ 21.3	8 31 49.54	+ 1.55	+19 43 8.0	....
44	Jupiter II	5	31 39.63	+ 0.47	+12.54	... .	......	....	. ....	8 31 52.64	− 1.55	.. ..	....
45	γ Cancri	9	37 45.51	+ 0.46	**+12.56**	17 3 51.35	43.228	+ 8.56	+ 18.8	8 37 58.51	.....	+21 47 53.7	....
46	ι Cancri	9	40 55.69	+ 0.45	**+12.57**	9 45 49.00	44.078	+ 8.56	+ 10.6	8 41 8.68	.....	+29 5 44.8	....
47	σ^2 Cancri (*mean*)	9	48 25.86	+ 0.44	+12.54	7 55 49.50	44.460	+ 8.56	+ 8.6	8 48 38.84	.....	+30 55 37.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 22 16	29.855	33.0	34.0
6 40	29.685	31.4	31.0
7 3	......	....	30.8
7 25	......	....	30.9
7 30	29.67	30.2	....
7 51	......	....	31.3
8 7	......	....	31.1
8 16	......	....	31.1
8 52	29.64	30.1	30.8
12 24	29.59	29.3	31.0
12 50	......	....	31.0
13 25	29.60	29.4	30.7
14 24	29.60	31.0	31.5
14 48	......	....	32.2
15 32	29.63	31.0	....
16 14	29.64	30.2	29.2
24 0 47	30.00	33.9	33.0
6 46	30.07	27.7	27.9
7 19	30.07	26.8	27.6
7 51	......	....	27.7
8 23	......	....	27.7

Micrometer bisections are made at II, VI, except as noted below.

1, 33, 47. Bisections at I, II.
2, 5–7, 13, 23. Bisections at VI, VII.
3, 32, 43. Bisections at I, II, VI, VII.
4, 20. Bisections at II, VI, VII.
12. Bisections at II, VII.
18. Bisections at III, V.
19. Bisections at b_1, b_3, b_5, b_7, b_9.
35. Bisections at b_7, b_8, b_9.
36. Bisections at III, IV, V.
39, 42. Bisections at II, III.
40. Bisections at b_0, b_8, b_9.
43. Z. D. threads A used.

Notes.

8, 24–26. Clouds.
12. Clouds; faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.7	−16 10.3	...	−16 3.6
2	+ 6.8	+16 10.4	...	+16 17.2
3	+ 0.1	.. ....	...	+ 0.1
32	+ 4.2	+ 7.4	...	+ 11.6
43	+ 0.7	.. ....	...	+ 0.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	60 Cancri	9	50 41.90	+ 0.48	+ 12.54	26 51 50.55	46.238	+ 8.56	+ 31.1	8 50 54.92	− 0.66	+11 58 33.6	+ 4.6
2	10 Ursæ Majoris	8	54 28.26	+ 0.40	+ 12.54	356 41 49.28	47.080	+ 8.56	− 3.4	8 54 41.20	.....	+42 8 49.9	....
3	σ² Ursæ Majoris	9	2 7.94	+ 0.17	+ 12.54	331 21 48.90	43.870	+ 8.56	− 33.3	9 2 20.65	.....	+67 30 33.2	....
	February 24, Hl.												
4	ι Cassiopeiæ s. p.	9	21 12.69	+ 1.03	+ 12.52	285 55 45.55	41.538	+ 8.65	−3 31.8	2 21 26.24	.....	+66 59 30.8	....
5	ρ Boötis	9	27 39.11	+ 0.47	+ 12.52	8 3 50.12	47.988	+ 8.65	+ 8.8	14 27 52.10	.....	+30 46 16.0	....
6	142 H¹. Cephei s. p.	9	34 9.43	+ 1.72	+ 12.52	299 55 44.22	48.212	+ 8.65	−1 46.0	2 34 23.67	+ 4.38	+81 3 46.6	−12.4
7	109 Virginis	9	41 22.76	+ 0.53	+ **12.54**	36 33 50.15	45.238	+ 8.65	+ 45.6	14 41 35.81	.....	+ 2 16 41.9	....
8	β Ursæ Minoris	9	50 46.93	− 0.03	+ 12.52	324 19 47.02	46.878	+ 8.65	− 44.0	14 50 59.42	.....	+74 31 36.8	....
9	γ Scorpii	9	58 27.87	+ 0.55	+ 12.52	63 43 51.92	46.738	+ 8.65	+2 4.3	14 58 40.94	.....	−24 55 12.6	....
10	ι Libræ	9	6 45.32	+ 0.55	+ **12.46**	58 16	......	....	.....	15 6 58.39	.....	−19 26	....
11	3 Serpentis	9	10 23.70	+ 0.52	+ 12.52	33 33 50.48	45.445	+ 8.65	+ 40.8	15 10 36.74	.....	+ 5 16 42.0	....
12	1 H. Ursæ Minoris	7	13 22.70	+ 0.17	+ 12.52	331 9 46.48	46.875	+ 8.65	− 33.7	15 13 35.39	.....	+67 41 26.9	....
13	γ² Ursæ Minoris	8	20 40.26	+ 0.06	+ 12.52	326 41 47.00	47.325	+ 8.65	− 40.2	15 20 52.84	.....	+72 9 22.4	....
14	3 H. Scorpii	9	31 12.84	+ 0.54	+ 12.52	66 39 51.68	42.255	+ 8.65	+2 21.9	15 31 25.90	+ 0.31	−27 49 47.5	− 5.4
15	κ Libræ	9	36 25.23	+ 0.55	+ 12.53	58 11 51.10	46.962	+ 8.65	+1 39.1	15 36 38.31	.....	−19 22 51.4	....
16	β Serpentis	9	41 43.18	+ 0.50	+ **12.56**	23 7 50.35	46.948	+ 8.65	+ 26.3	15 41 56.21	.....	+15 42 22.3	....
17	γ Serpentis	9	51 58.84	+ 0.50	+ **12.53**	22 53 49.55	44.050	+ 8.65	+ 26.0	15 52 11.87	.....	+15 57 29.6	....
18	B. D.+59°1695	9	58 21.67	+ 0.30	+ 12.53	339 15 47.88	47.258	+ 8.65	− 23.2	15 58 34.50	+ 0.09	+59 35 6.6	+17.2
19	B. D.+58°1615	9	3 22.05	+ 0.31	+ 12.53	340 43 48.18	44.888	+ 8.65	− 21.4	16 3 34.89	+ 0.16	+58 7 58.8	+17.2
20	δ Ophiuchi	9	9 17.84	+ 0.53	+ **12.55**	42 18	......	....	.....	16 9 30.90	.....	− 3 27	....
21	B. D.+36°2715	9	12 20.44	+ 0.45	+ 12.53	2 45 47.68	44.665	+ 8.65	+ 3.0	16 12 33.42	+ 0.38	+36 5 40.2	+14.4
22	ω Herculis	9	20 56.61	+ 0.50	+ 12.53	24 35 49.15	46.578	+ 8.65	+ 28.2	16 21 9.64	+ 0.51	+14 14 29.9	+ 9.1
23	Moon II, S.	9	34 50.76	+ 0.56	+ 12.53	59 3 50.90	44.501	+ 8.65	+1 42.5	16 35 3.85	−70.10	−20 13 58.7	....
24	κ Ophiuchi	9	53 5.05	+ 0.51	+**[12.54]**	29 20	......	....	.....	16 53 18.09	.....	+ 9 30	....
25	η Ophiuchi	9	4 52.09	+ 0.57	+**[12.53]**	54 26	......	....	.....	17 5 5.20	.....	−15 36	....
26	α Herculis	9	10 13.30	+ 0.52	+**[12.55]**	24 22	......	....	.....	17 10 26.36	.....	+14 29	....
	February 26, P.												
27	Neptune C, C.	9	52 44.33	+ 0.35	+ 12.77	16 47 50.80	43.156	+ 8.62	+ 17.6	6 52 57.45	.....	+22 3 57.0	....
28	Jupiter I, C.	5	30 47.54	+ 0.38	+ 12.78	19 3 50.25	43.474	+ 8.99	+ 20.3	8 31 0.70	+ 1.65	+19 46 4.2	....
29	Jupiter II	5	30 50.85	+ 0.38	+ 12.78	... .	......	....	.....	8 31 4.01	− 1.66	.. ..	....
30	γ Cancri	9	37 45.34	+ 0.38	+ **12.80**	17 4	......	....	.....	8 37 58.50	.....	+21 47	....
31	δ Cancri	9	39 15.03	+ 0.37	+ **12.78**	20 22	......	....	.....	8 39 28.18	.....	+18 29	....
32	ι Cancri	9	40 55.52	+ 0.36	+ **12.82**	9 46	......	....	.....	8 41 8.66	.....	+29 5	....
33	ζ Hydræ	9	50 19.42	+ 0.41	+ **12.79**	32 34	......	....	.....	8 50 32.61	.....	+ 6 17	....
34	ο Leonis	9	36 2.14	+ 0.41	+ **12.72**	28 32	......	....	.....	9 36 15.34	.....	+10 18	....
35	ε Leonis	9	40 25.61	+ 0.39	+ **12.70**	14 40	......	....	.....	9 40 38.79	.....	+24 11	....
36	μ Leonis	9	47 19.77	+ 0.38	+ **12.67**	12 24	......	....	.....	9 47 32.94	.....	+26 26	....
37	π Leonis	9	55 8.76	+ 0.42	+ **12.75**	30 22	......	....	.....	9 55 21.97	.....	+ 8 29	....
	February 26, M.												
38	ι Boötis	9	12 41.92	+ 0.34	+ 12.88	347 3 48.30	46.490	+ 9.76	− 13.5	14 12 55.14	− 0.65	+51 47 13.1	+13.8
39	ρ Boötis	9	27 38.89	+ 0.40	+ 12.88	8 3 47.68	48.095	+ 9.76	+ 8.5	14 27 52.17	.....	+30 46 15.2	....
40	μ Virginis	9	37 59.31	+ 0.44	+ **12.96**	44 6	......	....	.....	14 38 12.64	.....	− 5 15	....
41	ε Boötis	9	40 45.03	+ 0.41	+ **12.89**	11 24	......	....	.....	14 40 58.33	.....	+27 27	....
42	α Libræ	9	45 33.85	+ 0.45	+ **12.94**	54 30	......	....	.....	14 45 47.19	.....	−15 39	....
43	321 B. Boötis	9	51 39.37	+ 0.42	+ 12.89	24 1 49.30	45.645	+ 9.76	+ 26.4	14 51 52.68	.....	+14 48 51.8	....
44	β Boötis	9	58 15.73	+ 0.38	+ 12.89	358 5 48.05	46.785	+ 9.76	− 1.9	14 58 29.00	.....	+40 44 55.1	....
45	ι Libræ	9	6 45.06	+ 0.44	+ **12.89**	58 16	......	....	.....	15 6 58.39	.....	−19 26	....
46	δ Boötis	9	11 34.30	+ 0.40	+ 12.89	5 11 47.22	45.808	+ 9.76	+ 5.4	15 11 47.59	.....	+33 39 11.0	....
47	β Coronæ Borealis	9	23 48.76	+ 0.41	+ **12.95**	9 26	......	....	.....	15 24 2.06	.....	+29 25	....
48	α Coronæ Borealis	9	30 34.09	+ 0.41	+ **12.95**	11 49 46.78	45.500	+ 9.76	+ 12.4	15 30 47.39	.....	+27 1 11.5	....
	February 27, M.												
49	Sun N	.	.. ..	....	.....	47 13 54.68	47.250	+ 6.52	+1 3.4	22 37	.....	− 8 24 23.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 9 7	30.08	25.9	26.9
14 6	30.06	25.2	25.1
14 32	......	....	25.0
14 56	......	....	24.8
15 27	30.07	24.9	24.9
15 55	......	....	24.9
16 16	......	....	25.0
16 37	30.075	25.1	25.0
26 6 51	29.475	40.0	41.5
8 32	29.48	40.0	39.9
14 7	29.43	33.7	33.0
14 35	......	....	33.0
15 1	29.435	33.8	34.0
15 26	......	....	33.8
15 40	29.44	33.9	33.9

Micrometer bisections are made at II, VI, except as noted below.

1, 6, 11, 15–17, 49.	Bisections at I, II.
2.	Bisections at III, VI.
4, 43.	Bisections at I, II, VI.
7, 12, 13.	Bisections at VI, VII.
9, 18.	Bisections at II, VI, VII.
23.	Bisections at II, III, IV, V, VI.
27, 28.	Bisections at I, II, VI, VII.
28.	Z. D. threads A used.

Notes.

4.	Haze; poor image.
7, 33, 35.	Haze.
14, 45.	Faint.
39–48.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+49 52.4	+15 54.4	...	+65 46.8
27	+ 0.1	.. ....	...	+ 0.1
28	+ 0.6	.. ....	...	+ 0.6
49	+ 6.5	−16 8.5	...	−16 2.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun S	.	.. ..	....	.....	47 45 53.68	47.947	+ 6.52	+1 4.6	.. ..	.....	− 8 56 40.6	....
	February 28, Hl.												
2	Sun I, S	9	40 5.82	+ 0.49	+13.10	47 23 53.42	46.615	+ 5.84	+1 5.7	22 40 19.41	+65.59	− 8 34 9.4	....
3	Sun II, N	9	42 16.99	+ 0.49	+13.10	46 51 53.48	45.755	+ 5.84	+1 4.5	22 42 30.58	−65.58	− 8 1 49.6	....
4	Venus I, S	8	4 40.04	+ 0.48	+13.11	31 51 52.92	48.710	+ 5.55	+ 37.4	1 4 53.63	+ 0.50	+ 6 57 31.3	....
5	θ Canis Majoris	9	49 41.69	+ 0.46	**+13.13**	50 46	......	....	. ....	6 49 55.35	.....	−11 55	....
6	Neptune C, C	9	52 37.03	+ 0.40	+13.20	16 45 51.42	47.904	+ 5.82	+ 18.3	6 52 50.63	.....	+22 4 10.0	....
7	ζ Geminorum	9	58 25.87	+ 0.41	**+13.19**	18 7 52.08	47.518	+ 5.82	+ 19.9	6 58 39.49	.....	+20 42 16.6	....
8	δ Draconis s. p.	9	12 16.15	+ 0.99	+13.21	286 23 48.40	46.980	+ 5.82	−3 22.5	19 12 30.35	.....	+67 29 44.6	....
9	β Geminorum	9	39 28.21	+ 0.39	**+13.17**	10 35 50.42	46.285	+ 5.82	+ 11.4	7 39 41.81	.....	+28 14 54.9	....
10	φ Geminorum	9	47 39.04	+ 0.40	**+13.20**	11 51 51.15	42.755	+ 5.82	+ 12.8	7 47 52.65	.....	+27 0 13.4	....
11	χ Geminorum	9	57 39.08	+ 0.39	**+13.30**	10 47 50.50	45.708	+ 5.82	+ 11.7	7 57 52.68	.....	+28 3 7.8	....
12	3 H. Ursæ Majoris	9	3 28.64	+ 0.05	+13.21	330 7 48.78	43.265	+ 5.82	− 34.8	8 3 41.90	.....	+68 44 51.4	....
13	30 Monocerotis	9	20 50.79	+ 0.44	**+13.27**	42 25 52.68	48.012	+ 5.82	+ 55.6	8 21 4.45	.....	− 3 36 31.0	....
	February 29, P.												
14	Sun I, N	9	43 51.37	+ 0.49	+13.31	46 29 54.25	44.210	+ 6.02	+1 2.9	22 44 5.17	+65.51	− 7 39 12.6	....
15	Sun II, S	9	46 2.39	+ 0.49	+13.31	47 1 54.68	44.935	+ 6.02	+1 4.1	22 46 16.19	−65.51	− 8 11 31.8	....
16	Venus I, C	9	8 59.54	+ 0.47	+13.32	31 21 53.48	47.095	+ 5.79	+ 36.0	1 9 13.33	+ 0.66	+ 7 28 8.8	....
17	Venus II	9	9 0.60	+ 0.47	+13.32	... .	......	....	. ....	1 9 14.39	− 0.40	.. ..	....
	March 2, Hl.												
18	35 Virginis	9	42 56.82	+ 0.41	**+13.74**	34 45 52.12	46.242	+ 7.13	+ 41.5	12 43 10.97	.....	+ 4 4 22.6	....
19	31 Comæ Berenices	5	46 59.77	+ 0.38	**+13.69**	10 48	......	....	. ....	12 47 13.89	.....	+28 2	....
20	ε Ursæ Majoris	9	49 46.62	+ 0.26	+13.74	342 23 50.80	46.375	+ 7.16	− 18.8	12 50 0.62	.....	+56 27 21.1	....
21	1 B. Ursæ Minoris s. p.	4	56 41.28	+ 6.05	+13.75	307 23 48.42	47.375	+ 7.21	−1 17.7	0 57 1.08	+40.56	+88 31 59.8	− 7.1
22	19 Canum Venaticorum	8	11 10.72	+ 0.35	+13.75	357 31 51.40	43.305	+ 7.28	− 2.5	13 11 24.82	− 0.86	+41 20 14.1	+10.2
23	23 Canum Venaticorum	9	15 58.53	+ 0.35	+13.75	358 13 51.45	44.475	+ 7.30	− 1.8	13 16 12.63	− 0.83	+40 37 47.0	+10.3
24	ζ¹ Ursæ Majoris	9	20 0.69	+ 0.28	+13.75	343 27 49.55	44.352	+ 7.32	− 17.7	13 20 14.72	.....	+55 24 7.2	....
25	17 H. Canum Venaticorum	9	30 28.05	+ 0.36	+13.75	1 11 51.72	46.400	+ 7.38	+ 1.3	13 30 42.16	.....	+37 38 59.4	....
26	ω Cassiopeiæ s. p.	9	35 13.33	+ 0.85	+13.75	286 29 47.80	44.207	+ 7.40	−3 18.8	1 35 27.93	.....	+67 34 45.7	....
27	τ Boötis	9	42 39.77	+ 0.40	+13.75	20 55 50.60	46.135	+ 7.44	+ 23.0	13 42 53.92	.....	+17 54 45.0	....
28	h Centauri	9	47 41.12	+ 0.41	+13.75	70 17 55.52	42.602	+ 7.47	+2 46.2	13 47 55.28	− 0.54	−31 28 22.3	− 3.7
29	50 Cassiopeiæ s. p.	9	55 15.65	+ 0.95	+13.75	290 51 47.12	47.472	+ 7.51	−2 35.2	1 55 30.35	.....	+71 58 43.4	....
30	d Boötis	9	5 58.48	+ 0.39	**+13.81**	13 19 50.70	44.670	+ 7.56	+ 14.2	14 6 12.62	.....	+25 31 26.9	....
31	α Boötis	9	11 14.14	+ 0.40	**+13.75**	19 12	......	....	. ....	14 11 28.29	.....	+19 39	....
32	λ Virginis	9	13 53.94	+ 0.41	**+13.73**	51 47 52.60	42.830	+ 7.61	+1 16.0	14 14 8.10	.....	−12 56 54.6	....
33	142 H. Cephei s. p.	9	34 7.21	+ 1.40	+13.76	299 55 45.98	47.957	+ 7.71	−1 43.3	2 34 22.37	+ 5.22	+81 3 45.8	−11.5
34	μ Virginis	9	37 58.59	+ 0.43	**+13.82**	44 6	......	....	. ....	14 38 12.78	.....	− 5 15	....
35	α Libræ	9	45 33.26	+ 0.44	**+13.67**	54 30	......	....	. ....	14 45 47.46	.....	−15 39	....
36	ξ² Libræ	9	51 32.39	+ 0.44	**+13.74**	49 52	......	....	. ....	14 51 46.59	.....	−11 2	....
37	ψ Boötis	9	0 16.18	+ 0.40	**+13.84**	11 32	......	....	. ....	15 0 30.34	.....	+27 18	....
	March 3, Hl.												
38	Sun I, N	9	55 4.52	+ 0.42	+13.84	45 19 50.30	48.230	+ 7.03	+ 59.8	22 55 18.78	+65.29	− 6 30 38.4	....
39	Sun II, S	9	57 15.10	+ 0.42	+13.84	45 51 51.38	48.772	+ 7.03	+1 0.9	22 57 29.36	−65.29	− 7 2 54.0	....
40	Venus I, S	9	21 59.51	+ 0.43	+13.85	29 51 54.00	45.999	+ 6.50	+ 33.9	1 22 13.79	+ 0.52	+ 8 58 34.7	....
41	51 H. Cephei	9	57 37.33	− 2.39	+13.91	311 39 48.45	47.112	+ 6.82	−1 8.4	6 57 48.85	.....	+87 11 56.2	....
42	λ Ursæ Minoris s. p.	5	12 21.32	+ 8.79	+13.91	307 52	......	....	. ....	19 12 44.02	.....	+88 59	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 22 38	29.49	39.0	38.4
28 22 42	29.74	[illegible]	28.0
1 5	29.75	32.8	30.6
6 43	29.83	28.1	27.9
6 56	......	....	27.7
7 25	29.84	28.1	27.6
7 51	......	....	27.0
8 25	......	....	27.0
8 37	29.845	27.9	27.0
29 22 46	29.95	37.2	37.0
1 11	29.93	40.6	41.8
2 12 38	[illegible]	36.3	37.0
13 25	......	....	35.8
13 45	......	....	35.0
14 0	29.94	34.8	35.0
14 18	......	....	35.8
14 40	......	....	35.0
15 4	29.95	33.9	35.0
3 22 57	30.065	43.5	44.1
1 22	30.05	45.3	45.0
6 48	30.125	39.1	39.0
7 3	......	....	38.8

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at V, VI, VII.
2, 11, 12, 14, 23, 38.	Bisections at I, II.
3, 15, 18, 22, 39.	Bisections at VI, VII.
4, 6, 16, 40.	Bisections at I, II, VI, VII.
21.	Bisections at b_2, b_4, b_5.
24, 29.	Bisections at II, VI, VII.
26, 27.	Bisections at I, II, VI.
33, 41.	Bisections at III, IV, V.

Notes.

5.	Faint, haze.
11-13.	Very faint.
[illegible]	Very faint; haze.
32.	Haze.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.6	+16 8.5	...	+16 15.1
2	+ 6.5	+16 9.9	...	+16 16.4
3	+ 6.5	−16 9.9	...	−16 3.4
4	+ 4.0	+ 7.5	...	+ 11.5
6	+ 0.1	.. ...	...	+ 0.1
14	+ 6.4	−16 9.6	...	−16 3.2
15	+ 6.5	+16 9.5	...	+16 16.0
16	+ 4.0	.. ...	+0.2	+ 4.2
38	+ 6.3	−16 7.7	...	−16 1.4
39	+ 6.4	+16 7.8	...	+16 14.2
40	+ 3.9	+ 7.7	...	+ 11.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Canis Minoris..........	9	21 55.70	+ 0.40	**+13.98**	30 21 52.38	46.465	+ 6.82	+ 35.2	7 22 10.01	.....	+ 8 28 24.1	....
2	β Geminorum............	9	39 27.34	+ 0.38	**+14.00**	10 35 50.98	46.195	+ 6.82	+ 11.3	7 39 41.64	.....	+28 14 55.5	....
3	26 Lyncis...............	9	47 47.52	+ 0.31	+13.92	351 3 50.82	43.532	+ 6.82	− 9.3	7 48 1.75	.....	+47 48 17.0	....
4	χ Geminorum............	9	57 38.37	+ 0.38	**+13.98**	10 47 50.28	45.632	+ 6.82	+ 11.5	7 57 52.67	.....	+28 3 8.8	....
5	ψ Cancri...............	9	4 41.04	+ 0.38	+13.92	13 3 51.30	45.365	+ 6.82	+ 14.0	8 4 55.34	− 0.50	+25 47 11.4	+ 1.1
6	β Cancri...............	9	11 17.74	+ 0.40	**+13.99**	29 21 52.38	47.395	+ 6.82	+ 33.8	8 11 32.06	.....	+ 9 28 4.2	....
7	30 Monocerotis..........	9	20 50.04	+ 0.41	**+14.01**	42 25 52.92	47.970	+ 6.82	+ 54.9	8 21 4.37	.....	− 3 36 30.6	....
8	181 B. Camelopardalis.....	9	29 18.66	0.00	+13.92	324 55 48.85	42.455	+ 6.82	− 42.0	8 29 32.58	− 2.59	+73 57 15.8	− 9.0
9	73 Draconis s. p.	9	32 25.38	+ 1.04	+13.92	293 31 49.12	45.135	+ 6.82	−2 16.5	20 32 40.34	.....	+74 38 9.7	....
10	a Mali..................	9	39 40.46	+ 0.39	+13.92	71 39 55.90	44.910	+ 6.82	+2 59.9	8 39 54.77	.....	−32 51 28.6	....
11	ζ Hydræ................	9	50 18.18	+ 0.40	**+14.01**	32 33 54.52	42.978	+ 6.82	+ 38.4	8 50 32.51	.....	+ 6 17 38.6	....
12	α Cancri...............	9	53 13.68	+ 0.40	**+14.00**	26 37 52.20	45.748	+ 6.82	+ 30.9	8 53 28.01	.....	+12 12 44.9	....
13	ω Hydræ................	9	0 54.17	+ 0.40	+13.93	33 22 22.15	47.348	+ 6.82	+ 40.6	9 1 8.50	− 0.65	+ 5 27 28.9	+ 5.6
	March 3, P.												
14	8 Draconis..............	9	51 37.16	+ 0.20	+13.96	332 55 47.68	45.165	+ 7.49	− 31.0	12 51 51.32	.....	+65 56 3.9	....
15	ε Virginis..............	9	57 22.19	+ 0.39	**+13.90**	27 23 51.38	44.872	+ 7.51	+ 31.6	12 57 36.54	.....	+11 27 4.3	....
16	14 Canum Venaticorum...	9	1 13.04	+ 0.36	+13.96	2 33 49.82	45.662	+ 7.52	+ 2.8	13 1 27.36	− 0.83	+36 17 16.6	+ 9.3
17	θ Virginis..............	9	4 57.42	+ 0.40	**+13.89**	43 54	......	....	. ....	13 5 11.78	.....	− 5 2	....
18	43 Comæ Berenices.......	9	7 21.32	+ 0.38	**+13.91**	10 29 49.50	47.362	+ 7.54	+ 11.4	13 7 35.66	.....	+28 20 29.5	....
19	20 Canum Venaticorum...	9	13 11.80	+ 0.35	+13.96	357 47 49.82	46.115	+ 7.56	− 2.3	13 13 26.11	.....	+41 3 11.2	....
20	α Virginis..............	9	20 6.96	+ 0.40	**+13.91**	49 30	......	....	. ....	13 20 21.32	.....	−10 40	....
21	38 Cassiopeiæ s. p.	9	24 4.01	+ 0.86	+13.97	288 41 45.48	45.513	+ 7.59	−2 57.6	1 24 18.84	.....	+69 47 35.1	....
22	17 H. Canum Venaticorum	9	30 27.98	+ 0.36	+13.97	1 11 49.75	46.445	+ 7.61	+ 1.4	13 30 42.31	.....	+37 39 0.1	....
23	25 Canum Venaticorum...	8	33 8.91	+ 0.36	+13.97	2 5 49.95	44.950	+ 7.62	+ 2.3	13 33 23.24	.....	+36 45 33.1	....
24	η Ursæ Majoris..........	9	43 41.82	+ 0.31	+13.97	349 5 49.38	44.140	+ 7.65	− 11.7	13 43 56.10	.....	+49 46 6.1	....
25	ι Draconis..............	9	48 32.32	+ 0.17	+13.97	333 41 46.65	44.240	+ 7.66	− 30.0	13 48 46.46	− 1.70	+65 10 24.9	+12.3
26	50 Cassiopeiæ s. p.	9	55 15.24	+ 0.96	+13.97	290 51 45.35	47.665	+ 7.68	−2 38.1	1 55 30.17	.....	+71 58 43.8	....
27	α Draconis..............	9	1 41.38	+ 0.17	+13.97	334 1 48.32	48.742	+ 7.70	− 29.6	14 1 55.52	.....	+64 48 39.9	....
28	55 Cassiopeiæ s. p.	9	6 57.77	+ 0.84	+13.97	284 59 45.40	47.840	+ 7.72	−3 43.1	2 7 12.58	.....	+66 5 42.9	....
29	λ Virginis..............	9	13 53.79	+ 0.42	**+13.89**	51 47 52.00	42.845	+ 7.74	+1 17.5	14 14 8.18	.....	−12 56 56.0	....
30	θ Boötis................	9	21 50.54	+ 0.28	+13.97	346 35 48.58	43.820	+ 7.76	− 14.5	14 22 4.79	.....	+52 16 16.9	....
31	5 Ursæ Minoris..........	9	27 31.48	− 0.14	+13.97	322 45 46.90	45.875	+ 7.78	− 46.2	14 27 45.31	.....	+76 6 3.3	....
32	142 H¹. Cephei s. p.	9	34 7.09	+ 1.52	+13.97	299 55 44.60	48.128	+ 7.80	−1 45.2	2 34 22.58	+ 5.34	+81 3 46.5	−11.4
33	Piazzi 166..............	9	40 43.52	+ 0.43	+13.97	59 35 52.28	47.558	+ 7.82	+1 44.0	14 40 57.92	− 0.22	−20 47 10.5	− 1.4
34	α Libræ.................	9	45 33.12	+ 0.43	**+13.85**	54 29 52.20	44.322	+ 7.84	+1 25.5	14 45 47.53	.....	−15 39 38.1	....
35	β Ursæ Minoris..........	9	50 46.03	− 0.11	+13.98	324 19 47.50	46.890	+ 7.85	− 43.6	14 50 59.90	.....	+74 31 36.9	....
36	β Boötis................	9	58 14.90	+ 0.33	+13.98	358 5 50.00	46.832	+ 7.88	− 1.9	14 58 29.21	.....	+40 44 54.0	....
37	ι Libræ.................	9	6 44.21	+ 0.44	**+13.91**	58 15 51.28	46.430	+ 7.90	+1 38.6	15 6 58.63	.....	−19 26 38.5	....
38	1 H¹. Camelopardalis s. p.	9	11 36.36	+ 0.89	+13.98	284 13 45.30	46.928	+ 7.92	−3 55.3	3 11 51.23	+ 1.90	+65 19 10.0	− 9.6
	March 4, P.												
39	Sun I, S...............	5	58 47.98	+ 0.42	+14.02	45 29 51.15	46.045	+ 6.93	+1 1.2	22 59 2.42	+65.30	− 6 39 50.7	....
40	Sun II, N..............	9	0 58.59	+ 0.42	+14.02	44 57 51.92	45.245	+ 6.93	+1 0.0	23 1 13.03	−65.31	− 6 7 33.0	....
41	Venus I, C.............	9	26 19.74	+ 0.41	+14.04	29 21 54.18	46.235	+ 6.97	+ 33.5	1 26 34.19	+ 0.62	+ 9 28 29.0	....
42	Venus II...............	9	26 20.72	+ 0.41	+14.04	... .	......	....	. ....	1 26 35.17	− 0.36	.. ..	....
43	212 H¹. Draconis s. p.	9	30 6.77	+ 1.03	+14.07	291 5 46.78	48.180	+ 6.67	−2 35.3	20 30 21.87	.....	+72 12 58.8	....
44	δ Hydræ................	9	32 33.33	+ 0.44	+14.07	32 49 52.00	43.780	+ 6.67	+ 39.2	8 32 47.84	.....	+ 6 1 21.9	....
45	6 Hydræ................	9	35 26.18	+ 0.45	+14.07	50 59 52.95	43.558	+ 6.67	+1 14.9	8 35 40.70	.....	−12 9 9.6	....
46	ι Cancri...............	9	40 54.18	+ 0.40	**+14.07**	9 45 50.05	44.030	+ 6.67	+ 10.5	8 41 8.65	.....	+29 5 46.8	....
47	ι Ursæ Majoris..........	9	52 41.50	+ 0.34	+14.07	350 27 49.25	43.800	+ 6.67	− 10.1	8 52 55.91	.....	+48 24 13.4	....
48	σ² Ursæ Majoris.........	9	2 6.34	+ 0.15	+14.07	331 21 49.60	43.865	+ 6.67	− 33.0	9 2 20.56	.....	+67 30 34.5	....
49	θ Hydræ................	9	9 20.93	+ 0.44	**+14.07**	36 7 53.32	46.970	+ 6.67	+ 44.4	9 9 35.44	.....	+ 2 42 2.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 7 18	30.13	38.3	38.1
7 44	......	....	38.7
8 8	......	....	38.1
8 17	30.13	37.7	37.6
8 47	......	....	37.1
9 10	30.14	36.7	36.0
12 49	30.17	31.0	31.1
13 11	......	....	31.0
13 36	30.16	30.5	30.2
14 0	......	....	30.0
14 11	......	....	30.0
14 30	30.17	30.1	29.9
14 54	......	....	30.0
15 13	30.175	30.1	30.0
4 23 1	30.20	38.8	37.9
1 27	30.155	42.0	41.9
8 26	30.18	33.9	33.0
8 53	......	....	32.8
9 10	......	....	32.7

Micrometer bisections are made at II, VI, except as noted below.

7, 15.	Bisections at II, VII.
8, 11, 39.	Bisections at I, II.
9.	Bisections at I, II, VI.
10.	Bisections at II, VI, VII.
14, 25, 27, 31, 35, 48.	Bisections at III, V.
21, 26, 28, 32, 38, 43.	Bisections at III, IV, V.
40.	Bisections at VI, VII.
41.	Bisections at I, II, VI, VII.

Notes.

10. Very poor image.
38. Faint.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
39	+ 6.3	+16 8.8	...	+16 15.1
40	+ 6.2	−16 8.8	...	−16 2.6
41	+ 3.9	.. ....	+0.2	+ 4.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	83 Cancri	9	13 37.13	+ 0.42	**+14.08**	20 45 50.45	43.762	+ 6.67	+ 23.1	9 13 51.62	.....	+18 5 40.0	....
2	*α* Hydræ	9	22 50.29	+ 0.45	**+14.05**	47 6	......	.....	. ....	9 23 4.82	.....	− 8 15	....
3	*θ* Ursæ Majoris	9	26 29.50	+ 0.32	+14.08	346 45 49.10	45.022	+ 6.67	− 14.2	9 26 43.90	.....	+52 5 49.8	....
4	*A* Hydræ	9	29 43.55	+ 0.45	+14.08	44 19 54.02	47.398	+ 6.67	+ 59.4	9 29 58.08	− 0.75	− 5 30 22.9	+ 6.8
5	*κ* Hydræ	9	35 40.09	+ 0.45	+14.08	52 45 50.08	43.077	+ 6.67	+1 19.9	9 35 54.62	.....	−13 55 0.8	....
6	14 Leonis Minoris	9	40 36.31	+ 0.35	+14.08	353 19 50.42	42.928	+ 6.67	− 7.0	9 40 50.74	− 1.08	+45 32 29.1	− 0.4
7	6 Sextantis	9	46 22.23	+ 0.44	+14.08	42 39 52.45	43.568	+ 6.67	+ 56.0	9 46 36.75	.....	− 3 48 50.4	....
8	*ν* Leonis	9	53 2.83	+ 0.43	+14.08	25 57 51.48	45.328	+ 6.67	+ 29.6	9 53 17.34	− 0.76	+12 52 56.7	+ 4.6
9	16 Cephei s. p.	9	57 37.36	+ 1.04	+14.08	291 37 46.65	46.442	+ 6.67	−2 31.5	21 57 52.48	+ 4.06	+72 44 22.7	+ 8.5
10	*η* Leonis	9	2 5.42	+ 0.42	**+14.00**	21 37 50.60	46.500	+ 6.67	+ 24.2	10 2 19.92	.....	+17 12 36.1	....
11	*λ* Hydræ	9	5 52.59	+ 0.45	**+14.00**	50 43 52.18	46.020	+ 6.67	+1 14.3	10 6 7.12	.....	−11 54 4.7	....
12	22 Sextantis	9	12 49.82	+ 0.45	+14.08	46 25 54.18	47.908	+ 6.67	+1 3.9	10 13 4.35	.....	− 7 36 39.2	....
13	30 H. Camelopardalis	9	19 51.26	− 0.75	+14.08	315 49 48.60	47.397	+ 6.67	− 58.8	10 20 4.59	− 8.59	+83 1 40.5	− 3.8
14	29 Sextantis	9	24 34.71	+ 0.44	+14.08	41 5 53.62	47.190	+ 6.67	+ 53.1	10 24 49.23	.....	− 2 16 11.5	....
15	48 Leonis	9	29 46.41	+ 0.44	+14.08	31 23 52.15	48.612	+ 6.67	+ 37.2	10 30 0.93	− 0.79	+ 7 25 33.4	+ 5.2
16	34 Sextantis	9	37 38.76	+ 0.44	**+14.10**	34 45 53.65	47.875	+ 6.67	+ 42.3	10 37 53.29	.....	+ 4 3 43.6	....
	March 4, M.												
17	8 Draconis	9	51 36.74	+ 0.26	+14.16	332 55 50.10	45.043	+ 6.93	− 31.0	12 51 51.16	.....	+65 56 4.7	....
18	*ε* Virginis	9	57 21.86	+ 0.45	**+14.18**	27 24	......	.....	. ....	12 57 36.47	.....	+11 27	....
19	Groombridge 2006	9	3 41.83	− 3.05	+14.16	310 43 49.40	45.697	+ 6.97	−1 10.4	13 3 52.94	−31.64	+88 8 29.8	+ 7.3
20	20 Canum Venaticorum	9	13 11.47	+ 0.41	+14.17	357 47 52.20	46.010	+ 7.01	− 2.3	13 13 26.05	.....	+41 3 11.8	....
21	*α* Virginis	9	20 6.61	+ 0.46	**+14.22**	49 30	......	.....	. ....	13 20 21.24	.....	−10 40	....
22	38 Cassiopeiæ s. p.	9	24 3.58	+ 0.87	+14.17	288 41 51.28	45.210	+ 7.04	−2 57.6	1 24 18.62	.....	+69 47 33.4	....
23	350 G. Hydræ	9	27 14.34	+ 0.44	+14.17	67 1 53.42	45.750	+ 7.06	+2 23.3	13 27 28.95	− 0.66	−28 13 8.9	− 1.9
24	25 Canum Venaticorum	9	33 8.58	+ 0.42	+14.17	2 5 50.80	44.948	+ 7.08	+ 2.3	13 33 23.17	.....	+36 45 32.8	....
25	89 Virginis	9	44 38.06	+ 0.46	**+14.21**	56 29 52.95	46.622	+ 7.12	+1 32.0	13 44 52.69	.....	−17 40 37.1	....
26	*i* Draconis	9	48 31.96	+ 0.27	+14.17	333 41 49.58	44.078	+ 7.13	− 30.0	13 48 46.40	− 1.75	+65 10 26.0	+12.1
27	50 Cassiopeiæ s. p.	9	55 14.93	+ 0.91	+14.17	290 51 47.60	47.555	+ 7.16	−2 37.9	1 55 30.01	.....	+71 58 43.2	....
28	*α* Draconis	9	1 41.11	+ 0.28	+14.17	334 1 49.85	48.630	+ 7.18	− 29.5	14 1 55.56	.....	+64 48 41.1	....
29	4 Ursæ Minoris	9	9 1.02	− 0.01	+14.17	320 53 49.28	44.615	+ 7.21	− 49.3	14 9 15.18	.....	+77 58 33.4	....
30	*λ* Virginis	8	13 53.54	+ 0.46	**+14.13**	51 47 53.95	42.820	+ 7.22	+1 17.4	14 14 8.17	.....	−12 56 56.7	....
31	*θ* Boötis	9	21 50.27	+ 0.37	+14.17	346 35 50.90	43.698	+ 7.25	− 14.4	14 22 4.81	.....	+52 16 17.8	....
32	5 Ursæ Minoris	9	27 31.12	+ 0.06	+14.18	322 45 48.08	45.810	+ 7.27	− 46.1	14 27 45.36	.....	+76 6 4.0	....
33	*π* Boötis (*pr.*)	9	36 9.76	+ 0.44	+14.18	22 1 52.08	46.510	+ 7.30	+ 24.7	14 36 24.38	− 0.30	+16 48 33.3	+ 9.0
34	*ε* Boötis	9	40 43.85	+ 0.44	**+14.24**	11 23 51.25	44.648	+ 7.32	+ 12.3	14 40 58.47	.....	+27 27 29.0	....
35	*β* Ursæ Minoris	9	50 45.76	+ 0.11	+14.18	324 19 49.55	46.788	+ 7.36	− 43.6	14 51 0.05	.....	+74 31 37.7	....
36	*γ* Scorpii	9	58 26.52	+ 0.45	+14.18	63 43 54.15	46.870	+ 7.38	+2 3.3	14 58 41.15	.....	−24 55 15.6	....
37	*ι* Libræ	9	6 43.91	+ 0.46	**+14.22**	58 15 52.82	46.422	+ 7.41	+1 38.5	15 6 58.55	.....	−19 26 39.2	....
38	*δ* Boötis	9	11 33.22	+ 0.43	+14.18	5 11 51.38	45.708	+ 7.43	+ 5.6	15 11 47.83	.....	+33 39 11.3	....
	March 7, P.												
39	Sun I, N	9	9 55.77	+ 0.30	+14.53	43 47 51.78	46.352	+11.25	+ 54.0	23 10 10.60	+65.02	− 4 57 55.4	....
40	Sun II, S	9	12 5.81	+ 0.30	+14.53	44 19 52.12	46.880	+11.25	+ 55.0	23 12 20.64	−65.02	− 5 30 9.9	....
41	Venus I, C	9	39 22.64	+ 0.30	+14.55	27 53 56.08	45.854	+ 9.77	+ 30.0	1 39 37.49	+ 0.61	+10 56 36.5	....
42	Venus II	9	39 23.60	+ 0.30	+14.55	... .	......	.....	. ....	1 39 38.45	− 0.35	.. ..	....
43	Moon I, S	9	28 12.13	+ 0.29	+14.56	24 25 48.62	45.410	+ 9.76	+ 26.1	3 28 26.98	+66.41	+14 24 58.1	....
44	*η* Cancri	9	27 9.09	+ 0.28	**+14.61**	18 6	......	.....	. ....	8 27 23.94	.....	+20 45	....
45	212 H^1. Draconis s. p.	9	30 6.30	+ 0.90	+14.58	291 5 44.88	47.940	+ 9.38	−2 31.2	20 30 21.78	.....	+72 12 58.2	....
46	19 G. Pyxidis	9	34 52.26	+ 0.27	+14.58	61 9 50.65	47.307	+ 9.39	+1 47.2	8 35 7.11	− 0.72	−22 21 8.0	+10.8
47	*a* Mali	9	39 39.89	+ 0.24	+14.58	71 39 52.52	45.065	+ 9.40	+2 57.0	8 39 54.71	.....	−32 51 28.3	....
48	76 Draconis s. p.	9	48 55.08	+ 1.49	+14.58	301 3 44.52	46.420	+ 9.43	−1 37.4	20 49 11.15	.....	+82 11 16.8	....
49	*ι* Ursæ Majoris	9	52 40.98	+ 0.23	+14.58	350 27 46.32	43.742	+ 9.44	− 9.9	8 52 55.79	.....	+48 24 14.6	....
50	*ω* Hydræ	9	0 53.63	+ 0.29	+14.58	33 21 49.50	48.708	+ 9.46	+ 39.0	9 1 8.50	− 0.63	+ 5 27 29.2	+ 5.8
51	*θ* Hydræ	9	9 20.55	+ 0.29	**+14.59**	36 7 49.38	47.070	+ 9.48	+ 43.2	9 9 35.42	.....	+ 2 42 2.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 9 34	30.175	32.8	32.0
9 56	......	....	32.0
10 17	......	....	31.9
10 39	30.16	32.0	31.5
12 46	30.16	30.3	30.2
13 7	......	....	30.3
13 27	30.14	30.0	30.2
13 59	......	....	30.2
14 31	30.135	30.4	30.2
14 48	......	....	30.0
15 14	30.13	30.0	30.0
7 23 12	29.71	56.8	61.6
1 40	29.77	59.1	60.0
3 31	29.835	55.0	55.0
8 28	29.96	42.7	42.0
8 47	......	....	41.8
9 7	......	....	41.5

Micrometer bisections are made at II, VI, except as noted below.

3, 27, 29, 32.	Bisections at III, V.
5, 46.	Bisections at II, VI, VII.
9, 13, 45, 48.	Bisections at III, IV, V.
11, 40.	Bisections at VI, VII.
17, 23.	Bisections at II, III, VI.
19.	Bisections at b_3, b_5, b_7.
22.	Bisections at V, VI.
31.	Bisections at III, VI.
35.	Bisections at IV, V.
39.	Bisections at I, II.
41, 47.	Bisections at I, II, VI, VII.
43.	Bisections at II, III, IV, V, VI.

Notes.

20 25.	Haze.
36.	Faint.
50.	Micrometer reading decreased 1 rev.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
39	+ 6.1	−16 7.2	...	−16 1.1
40	+ 6.2	+16 7.2	...	+16 13.4
41	+ 3.7	.. ....	+ 0.2	+ 3.9
43	+23 18.0	+15 28.0	...	+38 46.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	83 Cancri	9	13 36.72	+ 0.28	**+14.61**	20 45 47.98	43.750	+ 9.49	+ 22.5	9 13 51.58	.....	+18 5 40.5	....
2	1 H. Draconis	9	23 54.63	− 0.58	+14.58	317 7 44.85	46.002	+ 9.52	− 54.7	9 24 8.63	.....	+81 44 9.2	....
3	β Cephei s. p.	9	27 9.88	+ 0.86	+14.58	289 3 44.45	44.187	+ 9.53	−2 49.0	21 27 25.32	.....	+70 9 14.4	....
4	89 B. Ursæ Majoris	9	34 11.11	+ 0.02	+14.58	329 11 44.25	46.947	+ 9.55	− 35.1	9 34 25.71	− 2.42	+69 39 28.7	− 5.6
5	ε Leonis	9	40 23.83	+ 0.28	**+14.58**	14 39 47.72	43.645	+ 9.56	+ 15.5	9 40 38.69	.....	+24 11 50.1	....
6	μ Leonis	9	47 17.99	+ 0.28	**+14.54**	12 23 47.00	47.610	+ 9.58	+ 13.1	9 47 32.86	.....	+26 26 22.6	....
7	19 Leonis Minoris	9	51 49.45	+ 0.25	+14.59	357 21 46.65	45.102	+ 9.59	− 2.7	9 52 4.29	.....	+41 29 35.9	....
8	η Leonis	9	2 5.01	+ 0.28	**+14.56**	21 37 47.22	46.538	+ 9.62	+ 23.6	10 2 19.88	.....	+17 12 36.3	....
9	λ Hydræ	9	5 52.17	+ 0.29	**+14.59**	50 43 49.42	46.115	+ 9.62	+1 12.5	10 6 7.05	.....	−11 54 5.0	....
10	32 Ursæ Majoris	9	11 9.36	+ 0.08	+14.59	333 17 44.62	45.098	+ 9.64	− 29.7	10 11 24.03	.....	+65 34 5.0	....
11	29 H. Camelopardalis	9	16 21.87	− 1.16	+14.59	314 9 44.12	43.307	+ 9.66	−1 0.8	10 16 35.30	.....	+84 43 17.3	....
12	31 Leonis Minoris	9	22 20.14	+ 0.26	+14.59	1 39 46.98	47.320	+ 9.67	+ 1.8	10 22 34.99	.....	+37 10 40.4	....
13	29 Sextantis	9	24 34.32	+ 0.29	+14.59	41 5 47.52	47.353	+ 9.68	+ 51.8	10 24 49.20	.....	− 2 16 10.9	....
14	44 Hydræ	9	29 24.46	+ 0.27	+14.59	62 5 48.80	45.185	+ 9.69	+1 51.8	10 29 39.32	− 0.98	−23 16 22.5	+ 6.2
15	35 H. Ursæ Majoris	9	36 17.79	+ 0.02	+14.59	329 17 44.08	46.962	+ 9.71	− 35.1	10 36 32.40	− 2.75	+69 33 28.3	− 1.7
	March 9, M.												
16	Jupiter I, C	5	26 45.89	+ 0.30	+15.10	18 49 47.35	43.472	+ 9.55	+ 20.7	8 27 1.29	+ 1.53	+20 0 6.2	....
17	Jupiter II	5	26 48.94	+ 0.30	+15.10	... .	......	.....	. ....	8 27 4.34	− 1.52	.. ..	....
18	220 H¹. Draconis s. p.	9	51 25.54	+ 1.11	+15.11	299 5 43.92	44.158	+ 9.78	−1 48.0	20 51 41.76	.....	+80 12 14.2	....
19	ρ Ursæ Majoris	9	54 2.41	+ 0.13	+15.11	330 51 45.98	46.905	+ 9.81	− 33.6	8 54 17.65	− 1.86	+67 59 25.8	− 8.0
20	κ Cancri	9	2 31.17	+ 0.31	**+15.10**	27 47 48.65	47.138	+ 9.89	+ 32.0	9 2 46.59	.....	+11 2 12.5	....
21	θ Hydræ	9	9 19.98	+ 0.31	**+15.13**	36 7 49.02	47.080	+ 9.96	+ 44.2	9 9 35.40	.....	+ 2 42 1.2	....
22	83 Cancri	9	13 36.18	+ 0.30	**+15.12**	20 45 47.42	43.775	+10.00	+ 23.0	9 13 51.59	.....	+18 5 39.5	....
23	h Ursæ Majoris	9	24 3.66	+ 0.17	+15.11	335 23 44.48	45.375	+10.09	− 27.6	9 24 18.94	.....	+63 27 56.1	....
24	θ Ursæ Majoris	9	26 28.44	+ 0.25	+15.11	346 45 48.35	44.860	+10.12	− 14.2	9 26 43.80	.....	+52 5 50.7	....
25	ι Hydræ	9	34 54.83	+ 0.31	+15.11	39 33 49.75	45.875	+10.20	+ 50.1	9 35 10.25	− 0.72	− 0 43 38.1	+ 6.6
26	11 Cephei s. p.	9	40 15.26	+ 0.79	+15.11	289 47 46.18	43.557	+10.25	−2 46.3	21 40 31.16	.....	+70 53 5.1	....
27	μ Leonis	9	47 17.43	+ 0.30	**+15.07**	12 23 45.60	47.688	+10.32	+ 13.4	9 47 32.84	.....	+26 26 21.1	....
28	19 Leonis Minoris	9	51 48.87	+ 0.28	+15.11	357 21 46.92	45.045	+10.36	− 2.7	9 52 4.26	.....	+41 29 36.2	....
29	η Leonis	9	2 4.51	+ 0.30	**+15.03**	21 37 46.58	46.535	+10.46	+ 24.2	10 2 19.93	.....	+17 12 35.6	....
30	24 Cephei s. p.	9	7 42.70	+ 0.81	+15.12	290 47 43.55	43.413	+10.51	−2 38.3	22 7 58.63	.....	+71 53 7.5	....
31	γ Leonis (*pr.*)	9	14 39.56	+ 0.30	**+15.12**	18 31 47.15	47.400	+10.58	+ 20.5	10 14 54.98	.....	+20 18 18.8	....
32	32 H. Cephei s. p.	9	20 12.56	+ 1.97	+15.12	304 31 45.08	44.223	+10.63	−1 27.9	22 20 29.65	+14.55	+85 38 37.7	+ 6.9
33	44 Hydræ	9	29 23.88	+ 0.28	+15.12	62 5 49.22	45.035	+10.72	+1 54.7	10 29 39.28	− 0.98	−23 16 23.4	+ 6.6
34	33 Sextantis	9	36 28.82	+ 0.31	+15.12	40 5 47.42	45.735	+10.79	+ 51.3	10 36 44.25	.....	− 1 15 34.4	....
35	l Leonis	9	44 10.75	+ 0.31	**+15.15**	27 50	......	.....	. ....	10 44 26.18	.....	+11 1	....
36	ι Cephei s. p.	9	46 5.22	+ 0.70	+15.12	284 37 43.78	45.740	+10.87	−3 48.4	22 46 21.04	.....	+65 42 51.1	....
37	36 H. Cephei s. p.	9	54 42.66	+ 1.51	+15.12	302 43 43.65	45.993	+10.96	−1 34.2	22 54 59.29	+10.92	+83 51 10.9	+ 4.7
38	χ Hydræ	9	0 39.59	+ 0.27	+15.12	65 37 49.28	43.020	+11.02	+2 13.9	11 0 54.98	− 1.04	−26 47 56.9	+ 5.2
39	n Leonis	8	10 48.63	+ 0.31	+15.13	25 1 46.55	46.725	+11.12	+ 28.5	11 11 4.07	− 0.84	+13 48 26.5	+ 5.3
	March 9, Hl.												
40	47 Hydræ	9	53 6.59	+ 0.31	+15.08	63 19 50.95	47.395	+10.14	+2 1.4	13 53 21.98	− 0.62	−24 31 25.2	− 0.8
41	π Hydræ	9	0 53.04	+ 0.30	+15.08	65 3 52.42	44.175	+10.16	+2 11.0	14 1 8.42	.....	−26 14 22.7	....
42	d Boötis	9	5 57.43	+ 0.32	**+15.10**	13 20	......	.....	. ....	14 6 12.83	.....	+25 31	....
43	κ Virginis	9	7 44.29	+ 0.33	**+15.08**	48 40	......	.....	. ....	14 7 59.70	.....	− 9 50	....
44	α Boötis	9	11 13.06	+ 0.32	**+15.08**	19 12	......	.....	. ....	14 11 28.46	.....	+19 39	....
45	λ Virginis	9	13 52.89	+ 0.33	**+15.02**	51 47 49.65	42.805	+10.21	+1 17.5	14 14 8.30	.....	−12 56 55.2	....
46	ι Cassiopeiæ s. p.	9	21 9.64	+ 0.78	+15.08	285 55 43.80	41.360	+10.23	−3 30.3	2 21 25.50	.....	+66 59 28.2	....
47	5 Ursæ Minoris	9	27 30.94	− 0.08	+15.09	322 45 42.78	45.895	+10.25	− 46.2	14 27 45.95	.....	+76 6 4.4	....
48	ζ Boötis (*mean*)	9	36 30.31	+ 0.33	+15.09	24 43 47.70	44.775	+10.28	+ 28.2	14 36 45.73	.....	+14 7 10.9	....
49	Piazzi 166	9	40 42.71	+ 0.32	+15.09	59 35 46.82	47.710	+10.30	+1 44.0	14 40 58.12	− 0.38	−20 47 10.8	− 0.6
50	295 B. Boötis	9	45 15.20	+ 0.30	+15.09	0 39 46.90	46.075	+10.31	+ 0.8	14 45 30.59	− 0.58	+38 11 9.3	+12.7
51	381 G. Centauri	9	49 50.74	+ 0.29	+15.09	72 17 52.55	43.025	+10.33	+3 9.6	14 50 6.12	− 0.41	−33 28 55.3	− 4.6
52	γ Scorpii	9	58 25.86	+ 0.31	+15.09	63 43 49.12	46.912	+10.35	+2 3.4	14 58 41.26	.....	−24 55 14.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 9 19	29.97	42.0	41.1
9 38	......	....	41.1
9 59	29.98	41.2	41.0
10 18	......	....	40.9
10 38	29.995	40.7	40.0
9 8 27	30.25	35.6	35.8
8 45	30.255	35.6	35.6
9 8	......	....	35.3
9 44	30.26	34.7	34.5
10 5	......	....	33.4
10 25	30.26	32.9	32.8
11 13	30.26	32.1	32.1
13 41	30.29	31.9	31.2
13 57	......	....	31.1
14 13	......	....	31.7
14 34	......	....	32.0
14 55	30.30	32.2	32.0

Micrometer bisections are made at II, VI, except as noted below.

2–4, 11, 26, 30, 32, 36, 37. Bisections at III, IV, V.
10, 15. Bisections at III, V.
13. Bisections at II, VI, VII.
16. Z. D. threads A used.
16. Bisections at I, II, VI, VII.
18. Bisections at IV, V, VI.
23, 49. Bisections at I, II.
39. Bisections at II.
46. Bisections at VI, VII.
47. Bisections at II, IV.

Notes.

3. Micrometer reading increased 1 rev.
36. Minutes of circle reading assumed.
40–52. Conditions poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
16	+ 0.6	.. ....	...	+ 0.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ι Libræ	9	6 43.31	+ 0.32	**+15.10**	58 16	......	.....	. ....	15 6 58.72	.....	−19 26	....
2	3 Serpentis	9	10 21.67	+ 0.33	+15.09	33 33 48.22	45.482	+10.39	+ 40.6	15 10 37.09	.....	+ 5 16 41.7	....
3	γ^2 Ursæ Minoris	9	20 38.68	+ 0.04	+15.09	326 41 44.32	47.330	+10.43	− 40.0	15 20 53.81	.....	+72 9 23.5	....
4	3 H. Scorpii	8	31 10.96	+ 0.30	+15.09	66 39 50.25	42.320	+10.46	+2 21.2	15 31 26.35	− 0.14	−27 49 48.8	− 3.5
5	ζ Coronæ Borealis (*fol.*)	9	35 39.77	+ 0.30	+15.09	1 55 45.65	44.445	+10.47	+ 2.1	15 35 55.16	− 0.30	+36 55 46.4	+14.1
6	5 H. Camelopardalis S. P.	6	40 19.69	+ 0.85	+15.09	289 57 44.82	43.945	+10.49	−2 46.5	3 40 35.63	.....	+71 3 11.9	....
7	γ Serpentis	9	51 56.78	+ 0.33	**+15.17**	22 54	......	.....	. ....	15 52 12.21	.....	+15 57	....
8	66 H^1. Draconis	8	55 21.58	+ 0.24	+15.10	343 51 44.00	44.113	+10.54	− 17.7	15 55 36.92	− 0.48	+55 0 15.0	+16.7
9	θ Draconis	9	59 55.08	+ 0.21	+15.10	340 3 45.70	44.052	+10.56	− 22.1	16 0 10.39	.....	+58 48 19.2	....
10	B. D. +58°1615	9	3 20.19	+ 0.22	+15.10	340 43 45.05	44.972	+10.57	− 21.3	16 3 35.51	− 0.49	+58 7 58.0	+17.1
11	γ Herculis	9	17 36.17	+ 0.32	**+15.15**	19 28	......	.....	. ....	16 17 51.59	.....	+19 21	....
	March 10, Hl.												
12	Sun I, S	9	20 59.48	+ 0.38	+15.14	43 9 48.62	46.290	+ 9.16	+ 56.1	23 21 15.00	+64.86	− 4 19 50.9	....
13	Sun II, N	8	23 9.20	+ 0.38	+15.14	42 37 49.22	45.688	+ 9.16	+ 55.1	23 23 24.72	−64.86	− 3 47 37.8	....
14	Moon I, N	9	8 11.57	+ 0.33	+15.17	16 15 48.72	46.753	+ 8.87	+ 17.4	6 8 27.07	+66.99	+22 34 37.6	....
15	Moon S	.	.. ..	....	.....	16 45 48.60	47.233	+ 8.87	+ 18.0	.. ..	.....	+22 4 24.6	....
16	λ Ursæ Minoris S. P.	9	12 32.22	+ 7.25	+15.18	307 51 46.00	47.240	+ 8.44	−1 16.1	19 12 54.65	.....	+88 59 55.9	....
17	β Geminorum	9	39 26.07	+ 0.32	**+15.24**	10 35 47.70	46.275	+ 8.44	+ 11.2	7 39 41.57	.....	+28 14 55.4	....
18	166 B. Camelopardalis	9	48 58.63	+ 0.03	+15.19	324 41 46.68	45.668	+ 8.44	− 42.0	7 49 13.85	.....	+74 10 3.0	....
19	χ Geminorum	9	57 37.06	+ 0.32	**+15.25**	10 47 47.52	45.660	+ 8.44	+ 11.4	7 57 52.57	.....	+28 3 9.6	....
20	4 B. Ursæ Minoris	6	6 58.55	− 5.73	+15.19	309 57 44.50	44.933	+ 8.44	−1 10.8	8 7 8.01	.....	+88 54 51.0	....
21	30 Monocerotis	9	20 48.86	+ 0.33	**+15.20**	42 25 49.70	48.105	+ 8.44	+ 54.7	8 21 4.38	.....	− 3 36 31.8	....
22	Jupiter I, C	5	26 30.28	+ 0.33	+15.19	18 49 48.78	41.158	+ 8.44	+ 20.4	8 26 45.80	+ 1.48	+20 0 59.1	....
23	Jupiter II	5	26 33.24	+ 0.33	+15.19	... .	......	.....	. ....	8 26 48.76	− 1.48	.. ..	....
24	73 Draconis S. P.	8	32 24.54	+ 0.89	+15.19	293 31 46.68	45.088	+ 8.44	−2 16.0	20 32 40.62	.....	+74 38 8.3	....
25	ι Cancri	8	40 53.00	+ 0.32	**+15.28**	9 45 48.60	44.015	+ 8.44	+ 10.3	8 41 8.51	.....	+29 5 47.0	....
26	ζ Hydræ	9	50 16.92	+ 0.33	**+15.28**	32 34	......	.....	. ....	8 50 32.44	.....	+ 6 17	....
27	α Cancri	9	53 12.48	+ 0.33	**+15.22**	26 37 49.42	45.810	+ 8.44	+ 30.0	8 53 28.00	.....	+12 12 45.5	....
28	σ^2 Ursæ Majoris	9	2 5.16	+ 0.15	+15.20	331 21 46.95	43.805	+ 8.44	− 32.5	9 2 20.51	.....	+67 30 36.0	....
29	θ Hydræ	9	9 19.84	+ 0.33	**+15.24**	36 7 50.68	47.062	+ 8.44	+ 43.7	9 9 35.37	.....	+ 2 42 2.0	....
30	*h* Ursæ Majoris	9	24 3.56	+ 0.19	+15.20	335 23 45.52	45.375	+ 8.44	− 27.2	9 24 18.95	.....	+63 27 56.3	....
31	β Cephei S. P.	9	27 9.52	+ 0.80	+15.20	289 3 46.52	44.183	+ 8.44	−2 50.5	21 27 25.52	.....	+70 9 13.3	....
	March 10, P.												
32	48 Hydræ	9	54 36.03	+ 0.31	+15.24	63 23 49.65	43.108	+ 9.14	+2 0.1	13 54 51.58	.....	−24 33 43.6	....
33	9 H. Boötis	9	4 0.60	+ 0.35	+15.24	354 33 46.60	46.095	+ 9.14	− 5.7	14 4 16.19	− 0.92	+44 17 16.8	+11.5
34	κ Virginis	9	7 44.19	+ 0.34	**+15.19**	48 40	......	.....	. ....	14 7 59.77	.....	− 9 50	....
35	α Boötis	9	11 12.89	+ 0.36	**+15.23**	19 12	......	.....	. ....	14 11 28.49	.....	+19 39	....
36	λ Virginis	9	13 52.83	+ 0.34	**+15.09**	51 47 49.22	42.948	+ 9.14	+1 16.7	14 14 8.41	.....	−12 56 56.2	....
37	φ Virginis	9	23 12.54	+ 0.35	+15.24	40 39 48.28	44.348	+ 9.14	+ 51.9	14 23 28.13	− 0.44	− 1 49 2.5	+ 4.7
38	γ Boötis	9	28 7.53	+ 0.35	+15.24	0 7 46.90	48.130	+ 9.14	+ 0.2	14 28 23.12	.....	+38 42 24.1	....
39	ζ Boötis (*mean*)	9	36 30.21	+ 0.36	+15.24	24 43 48.05	44.795	+ 9.14	+ 27.9	14 36 45.81	.....	+14 7 11.5	....
40	109 Virginis	9	41 20.67	+ 0.35	**+15.20**	36 33 49.15	45.275	+ 9.14	+ 44.9	14 41 36.26	.....	+ 2 16 42.3	....
41	295 B. Boötis	9	45 15.04	+ 0.35	+15.25	0 39 46.92	46.112	+ 9.14	+ 0.8	14 45 30.64	− 0.61	+38 11 9.5	+12.6
42	381 G. Centauri	9	49 50.68	+ 0.28	+15.25	72 17 51.62	43.215	+ 9.14	+3 7.8	14 50 6.21	− 0.44	−33 28 55.8	− 4.4
43	*i* Boötis (*fol.*)	9	0 30.80	+ 0.33	+15.25	350 51 45.40	43.182	+ 9.14	− 9.7	15 0 46.38	− 0.72	+48 0 28.5	+14.2
44	ι Libræ	8	6 43.28	+ 0.33	**+15.15**	58 15 48.42	46.588	+ 9.14	+1 37.7	15 6 58.86	.....	−19 26 39.5	....
45	3 Serpentis	9	10 21.59	+ 0.35	+15.25	33 33 48.58	45.570	+ 9.14	+ 40.2	15 10 37.19	.....	+ 5 16 41.0	....
46	ι Draconis	9	22 38.28	+ 0.28	+15.25	339 33 45.15	47.648	+ 9.14	− 22.4	15 22 53.81	.....	+59 16 59.5	....
47	γ Libræ	9	30 7.30	+ 0.34	**+15.21**	53 18	......	.....	. ....	15 30 22.89	.....	−14 29	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 15 15	......	....	31.6
15 27	......	....	31.0
15 48	......	....	30.1
[illegible] 21	30.31	29.9	30.0
10 23 23	30.37	43.0	42.8
6 9	30.29	44.0	45.0
6 53	[illegible]	42.8	44.9
7 22	[illegible]	42.2	43.0
7 45	......	....	42.1
7 55	......	....	43.0
8 16	......	....	42.2
8 45	[illegible]	40.8	40.9
8 59	......	....	41.6
9 14	......	....	41.9
9 33	30.27	39.9	42.0
13 53	30.17	36.8	35.0
13 59	30.16	36.5	....
14 18	......	....	34.5
14 33	30.15	35.5	34.0
14 58	......	....	34.0
15 19	30.145	35.0	33.9

Micrometer bisections are made at II, VI, except as noted below.

4, 13, 40.	Bisections at VI, VII.
5, 6, 12, 19, 30.	Bisections at I, II.
8, 31, 42.	Bisections at II, VI, VII.
14.	Bisections at I, II, III.
15.	Bisections at V, VI, VII.
16.	Bisections at III, IV, V.
20.	Bisections at b_3, b_5, b_7.
22.	Z. D. threads A used.
22.	Bisections at I, II, VI, VII.
24.	Bisections at I, II, VI.
46.	Bisections at III, V.

Notes.

1–11. Conditions poor.
5. Micrometer reading decreased 1 rev.
21. Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
12	+ 6.0	+16 6.5	...	+16 12.5
13	+ 6.0	−16 6.6	...	−16 0.6
14	+15 10.4	−14 52.7	...	+ 17.7
15	+15 38.0	+14 52.7	0.0	+30 30.7
22	+ 0.6	.. ....	...	+ 0.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	3 H. Scorpii	9	31 10.88	+ 0.30	+15.25	66 39 50.52	42.445	+ 9.14	+2 19.6	15 31 26.43	− 0.17	−27 49 49.0	− 3.3
2	ζ Coronæ Borealis (*fol.*)	9	35 39.58	+ 0.34	+15.25	1 55 46.20	44.465	+ 9.14	+ 2.1	15 35 55.17	− 0.33	+36 55 46.6	+14.1
3	5 H. Camelopardalis S. P.	9	40 19.76	+ 0.76	+15.25	289 57 44.28	43.825	+ 9.14	−2 44.7	3 40 35.77	.....	+71 3 9.8	....
4	χ Lupi	9	44 51.22	+ 0.29	+15.25	72 9 50.98	42.947	+ 9.14	+3 6.7	15 45 6.76	− 0.10	−33 20 47.7	− 5.3
5	λ Libræ	9	47 44.01	+ 0.33	+15.25	58 43 49.48	43.598	+ 9.14	+1 39.5	15 47 59.59	.....	−19 53 34.1	....
6	66 H^1. Draconis	9	55 21.42	+ 0.29	+15.25	343 51 44.98	44.115	+ 9.14	− 17.4	15 55 36.96	− 0.51	+55 0 15.4	+16.6
7	θ Draconis	8	59 54.96	+ 0.27	+15.26	340 3 45.00	44.095	+ 9.14	− 21.9	16 0 10.49	.....	+58 48 20.3	....
8	κ Herculis	9	3 39.80	+ 0.35	+15.26	21 33 47.38	44.755	+ 9.14	+ 24.0	16 3 55.41	.....	+17 17 17.0	....
9	δ Ophiuchi	9	9 15.73	+ 0.35	**+15.28**	42 18	......	....	.....	16 9 31.34	.....	− 3 27	....
10	σ^2 Coronæ Borealis	9	10 58.51	+ 0.34	+15.26	4 45 45.92	45.800	+ 9.14	+ 5.1	16 11 14.11	.....	+34 5 13.3	....
11	σ Scorpii	9	15 20.03	+ 0.32	+15.26	64 11 49.85	44.437	+ 9.14	+2 5.0	16 15 35.61	.....	−25 22 19.1	....
	March 11, P.												
12	Sun I, S	9	24 40.13	+ 0.32	+15.31	42 45 50.98	47.555	+ 8.68	+ 53.1	23 24 55.76	+64.82	− 3 56 18.6	....
13	Sun II, N	9	26 49.76	+ 0.32	+15.31	42 13 50.48	47.012	+ 8.68	+ 52.1	23 27 5.39	−64.81	− 3 24 5.8	....
14	Venus I, C	9	56 50.77	+ 0.22	+15.33	25 59 51.35	46.151	+ 5.03	+ 27.8	1 57 6.32	+ 0.59	+12 50 41.4	....
15	Venus II	9	56 51.68	+ 0.22	+15.33	... .	......	....	.....	1 57 7.23	− 0.32	.. ..	....
16	Moon I, N	9	1 42.25	+ 0.25	+15.36	15 57 49.58	43.338	+ 7.27	+ 16.6	7 1 57.86	+66.71	+22 53 56.5	....
17	β Canis Minoris	8	21 54.46	+ 0.23	**+15.28**	30 24	......	....	.....	7 22 10.05	.....	+ 8 28	....
18	κ Geminorum	9	38 38.39	+ 0.24	**+15.40**	14 14	......	....	.....	7 38 53.99	.....	+24 37	....
19	β Geminorum	9	39 25.93	+ 0.24	**+15.44**	10 36	......	....	.....	7 39 41.53	.....	+28 14	....
20	φ Geminorum	9	47 36.92	+ 0.24	**+15.33**	11 50	......	....	.....	7 47 52.52	.....	+27 0	....
	March 12, Hl.												
21	Sun I, N	9	28 20.32	+ 0.21	+15.50	41 49 49.52	48.315	+ 8.74	+ 50.8	23 28 36.03	+64.78	− 3 0 32.3	....
22	Sun II, S	9	30 29.88	+ 0.21	+15.50	42 21 49.80	48.695	+ 8.74	+ 51.8	23 30 45.59	−64.78	− 3 32 43.3	....
23	Venus I, S	9	1 13.68	+ 0.22	+15.52	25 31 48.42	47.058	+ 8.19	+ 26.9	2 1 29.42	+ 0.55	+13 18 21.4	....
24	Moon I, N	9	54 35.88	+ 0.18	+15.58	16 45 46.80	43.541	+ 8.74	+ 17.3	7 54 51.64	+66.08	+22 5 52.4	....
25	Jupiter I, C	5	26 1.29	+ 0.17	+15.58	18 47 46.60	42.299	+ 8.62	+ 19.6	8 26 17.04	+ 1.55	+20 2 35.8	....
26	Jupiter II	5	26 4.39	+ 0.17	+15.58	... .	......	....	.....	8 26 20.14	− 1.55	.. ..	....
27	220 H^1. Draconis S. P.	9	51 25.55	+ 1.16	+15.59	299 5 43.00	44.015	+ 8.50	−1 42.5	20 51 42.30	.....	+80 12 13.4	....
28	κ Cancri	9	2 30.81	+ 0.16	**+15.58**	27 47 48.32	47.260	+ 8.50	+ 30.4	9 2 46.56	.....	+11 2 13.1	....
29	θ Hydræ	9	9 19.62	+ 0.16	**+15.62**	36 7 48.15	47.268	+ 8.50	+ 42.0	9 9 35.37	.....	+ 2 42 1.5	....
30	83 Cancri	9	13 35.79	+ 0.17	**+15.62**	20 45 46.50	43.898	+ 8.50	+ 21.8	9 13 51.55	.....	+18 5 40.3	....
31	h Ursæ Majoris	9	24 3.22	+ 0.04	+15.59	335 23 43.60	45.385	+ 8.50	− 26.2	9 24 18.85	.....	+63 27 57.0	....
32	θ Ursæ Majoris	9	26 28.08	+ 0.12	+15.59	346 45 44.90	45.042	+ 8.50	− 13.5	9 26 43.79	.....	+52 5 50.9	....
33	ι Hydræ	9	34 54.48	+ 0.16	+15.59	39 33 49.15	46.082	+ 8.50	+ 47.6	9 35 10.23	− 0.70	− 0 43 38.0	+ 6.8
34	11 Cephei S. P.	9	40 15.16	+ 0.75	+15.59	289 47 44.85	43.308	+ 8.50	−2 37.9	21 40 31.50	.....	+70 53 4.1	....
35	μ Leonis	9	47 17.04	+ 0.17	**+15.58**	12 23 45.30	47.758	+ 8.50	+ 12.7	9 47 32.80	.....	+26 26 22.5	....
36	19 Leonis Minoris	9	51 48.58	+ 0.16	+15.59	357 21 47.12	45.118	+ 8.50	− 2.6	9 52 4.33	.....	+41 29 36.1	....
37	η Leonis	9	2 4.06	+ 0.17	**+15.61**	21 37 46.98	46.618	+ 8.50	+ 22.9	10 2 19.83	.....	+17 12 36.6	....
38	24 Cephei S. P.	9	7 42.52	+ 0.76	+15.60	290 47 43.58	43.095	+ 8.50	−2 29.6	22 7 58.88	.....	+71 53 6.5	....
39	γ Leonis (*pr.*)	9	14 39.19	+ 0.17	**+15.62**	18 31 47.35	47.480	+ 8.50	+ 19.3	10 14 54.96	.....	+20 18 20.1	....
40	30 H. Camelopardalis	9	19 49.68	− 0.67	+15.60	315 49 44.10	47.265	+ 8.50	− 55.6	10 20 4.61	− 8.33	+83 1 43.0	− 6.2
41	44 Hydræ	9	29 23.63	+ 0.10	+15.60	62 5 49.25	45.428	+ 8.50	+1 48.5	10 29 39.33	− 0.97	−23 16 24.0	+ 7.3
42	33 Sextantis	9	36 28.47	+ 0.15	+15.60	40 5 47.70	45.960	+ 8.50	+ 48.5	10 36 44.22	.....	− 1 15 34.7	....
43	l Leonis	9	44 10.37	+ 0.17	**+15.67**	27 50	......	....	.....	10 44 26.14	.....	+11 1	....
44	ι Cephei S. P.	9	46 4.92	+ 0.63	+15.60	284 37 44.42	45.290	+ 8.50	−3 36.1	22 46 21.15	.....	+65 42 51.0	....
45	36 H. Cephei S. P.	9	54 42.25	+ 1.41	+15.60	302 43 42.62	45.948	+ 8.50	−1 29.3	22 54 59.26	+10.88	+83 51 10.1	+ 5.6
46	χ Hydræ	9	0 39.26	+ 0.08	+15.60	65 37 50.60	43.388	+ 8.50	+2 7.1	11 0 54.94	− 1.05	−26 47 57.4	+ 5.9
47	n Leonis	9	10 48.34	+ 0.17	+15.60	25 1 47.78	46.797	+ 8.50	+ 27.1	11 11 4.11	− 0.85	+13 48 27.4	+ 5.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 15 50	.....	....	33.0
16 4	.....	....	32.6
16 17	30.14	34.0	32.7
11 23 27	30.03	53.8	57.8
1 58	29.94	57.8	59.1
7 4	29.84	50.2	49.5
12 23 30	29.74	56.9	58.1
2 1	29.72	61.3	62.9
7 55	29.80	53.2	53.3
8 29	29.80	52.8	52.9
8 46	29.80	52.8	53.1
9 5	.....	....	52.9
9 17	29.81	52.6	53.0
9 30	.....	....	51.5
9 55	.....	....	53.0
10 13	.....	....	53.0
10 26	29.81	51.2	52.2
10 39	.....	....	51.7
11 5	.....	....	50.0
11 13	29.80	49.3	49.2

Micrometer bisections are made at II, VI, except as noted below.

1, 13, 22, 38.	Bisections at VI, VII.
3.	Bisections at III, IV, V.
4, 34, 39.	Bisections at I, II, VI.
6, 7.	Bisections at III, V.
10, 11, 27, 46, 47.	Bisections at II, VI, VII.
12, 21, 31, 35.	Bisections at I, II.
14, 23, 25.	Bisections at I, II, VI, VII.
16, 24.	Bisections at II, III, IV, V, VI.
25.	Z. D. threads A used.
40.	Bisections at IV, V.
44.	Bisections at I, VI.

Note.

1. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
12	+ 6.0	+16 6.4	...	+16 12.4
13	+ 5.9	−16 6.3	...	−16 0.4
14	+ 3.6	.. ...	+ 0.2	+ 3.8
16	+14 47.2	−14 48.8	...	− 1.6
21	+ 5.9	−16 5.5	...	−15 59.6
22	+ 5.9	+16 5.5	...	+16 11.4
23	+ 3.6	+ 8.1	...	+ 11.7
24	+15 27.9	−14 46.1	...	+ 41.8
25	+ 0.6	.. ....	...	+ 0.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	March 12, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*o* Virginis	9	0 16.38	+ 0.19	**+15.67**	29 35 46.38	46.450	+ 8.45	+ 33.2	12 0 32.25	.....	+ 9 14 30.8	....
2	318 B. Cephei S. P.	9	10 38.13	+ 0.71	+15.68	295 19 45.32	45.153	+ 8.45	−2 2.2	0 10 54.52	+ 5.38	+76 26 23.0	+ 1.0
3	6 Canum Venaticorum	9	21 4.38	+ 0.22	+15.68	359 19 47.60	45.035	+ 8.45	− 0.6	12 21 20.28	− 1.12	+39 31 35.6	+ 6.4
4	*δ* Corvi	7	24 51.28	+ 0.14	**+15.63**	54 49 49.48	46.312	+ 8.45	+1 22.7	12 25 7.10	.....	−16 0 18.6	....
5	*f* Virginis	9	31 47.96	+ 0.18	+15.68	44 9 49.10	45.640	+ 8.45	+ 56.6	12 32 3.82	.....	− 5 19 36.8	....
6	*ρ* Virginis	9	36 58.67	+ 0.21	**+15.66**	28 5 48.18	46.700	+ 8.45	+ 31.1	12 37 14.56	.....	+10 44 25.3	....
7	35 Virginis	9	42 55.22	+ 0.20	**+15.70**	34 45 47.88	46.470	+ 8.45	+ 40.4	12 43 11.10	.....	+ 4 4 21.6	....
8	*ε* Ursæ Majoris	9	49 44.88	+ 0.21	+15.68	342 23 46.32	46.395	+ 8.45	− 18.3	12 50 0.77	.....	+56 27 23.4	....
9	*θ* Virginis	9	4 56.03	+ 0.18	**+15.65**	43 53 48.52	44.095	+ 8.45	+ 55.8	13 5 11.90	.....	− 5 3 0.1	....
10	*γ* Hydræ	9	13 40.09	+ 0.13	+15.69	61 29 50.00	47.720	+ 8.45	+1 46.5	13 13 55.91	.....	−22 41 15.2	....
11	9 B. Ursæ Minoris	9	23 34.78	+ 0.16	+15.69	325 59 45.90	45.740	+ 8.45	− 38.9	13 23 50.63	.....	+72 51 59.4	....
12	350 G. Hydræ	8	27 13.36	+ 0.10	+15.69	67 1 49.20	46.240	+ 8.45	+2 16.2	13 27 29.15	− 0.82	−28 13 10.1	− 0.2
13	13 B. Ursæ Minoris	9	34 45.56	+ 0.19	+15.69	327 9 45.72	44.490	+ 8.45	− 37.2	13 35 1.44	− 2.97	+71 42 26.1	+ 9.2
14	*τ* Boötis	9	42 38.22	+ 0.24	+15.69	20 55 47.12	46.308	+ 8.45	+ 22.2	13 42 54.15	.....	+17 54 44.2	....
15	*h* Centauri	9	47 39.68	+ 0.09	+15.69	70 17 51.05	43.170	+ 8.45	+2 40.6	13 47 55.46	− 0.78	−31 28 26.2	− 1.6
16	92 Virginis	9	51 31.29	+ 0.22	+15.69	37 19 49.15	47.500	+ 8.45	+ 44.2	13 51 47.20	− 0.60	+ 1 29 53.0	+ 5.5
17	50 Cassiopeiæ S. P.	9	55 13.49	+ 0.54	+15.69	290 51 45.62	47.090	+ 8.45	−2 30.0	1 55 29.72	.....	+71 58 39.7	....
18	*d* Boötis	9	5 57.03	+ 0.26	**+15.62**	13 20	......	.....	. ....	14 6 12.98	.....	+25 31	....
19	*κ* Virginis	9	7 43.85	+ 0.19	**+15.72**	48 39 49.18	48.488	+ 8.45	+1 5.9	14 7 59.73	.....	− 9 50 51.3	....
	March 13, Ei.-M.												
20	*η* Cancri	9	27 7.94	+ 0.17	**+15.81**	18 5 47.38	45.362	+ 7.08	+ 18.6	8 27 23.87	.....	+20 45 10.6	....
21	B. D. +20°2166	9	34 49.87	+ 0.17	+15.76	18 51 47.80	44.045	+ 7.10	+ 19.4	8 35 5.80	− 0.49	+19 59 39.4	+ 2.4
22	*γ* Cancri	9	37 42.44	+ 0.17	**+15.78**	17 3 47.10	43.455	+ 7.11	+ 17.5	8 37 58.37	.....	+21 47 55.5	....
23	*δ* Cancri	9	39 12.09	+ 0.17	**+15.79**	20 21 46.50	44.448	+ 7.11	+ 21.1	8 39 28.02	.....	+18 29 29.8	....
24	*ε* Hydræ	9	41 38.96	+ 0.15	**+15.75**	32 5 47.52	44.338	+ 7.12	+ 35.7	8 41 54.87	.....	+ 6 45 16.7	....
	March 13, M.												
25	Moon I, N.	9	46 25.53	+ 0.18	+15.78	18 35 47.25	47.493	+ 7.13	+ 19.2	8 46 41.49	+65.20	+20 14 21.4	....
26	*θ* Hydræ	9	9 19.41	+ 0.14	**+15.84**	36 7 48.75	47.340	+ 7.19	+ 41.6	9 9 35.33	.....	+ 2 42 0.9	....
27	83 Cancri	9	13 35.52	+ 0.17	**+15.88**	20 45 46.85	43.995	+ 7.20	+ 21.6	9 13 51.47	.....	+18 5 39.2	....
28	*α* Hydræ	9	22 48.76	+ 0.12	**+15.86**	47 5 48.58	45.890	+ 7.22	+1 1.2	9 23 4.66	.....	− 8 15 45.2	....
29	*d* Ursæ Majoris	9	26 8.22	+ 0.13	+15.79	328 37 43.90	45.025	+ 7.23	− 34.6	9 26 24.14	.....	+70 14 14.4	....
30	10 Leonis	9	32 6.00	+ 0.15	+15.79	31 35 46.75	45.672	+ 7.24	+ 35.0	9 32 21.94	− 0.67	+ 7 14 47.6	+ 5.5
31	11 Cephei S. P.	9	40 14.87	+ 0.49	+15.79	289 47 45.12	43.220	+ 7.26	−2 36.1	21 40 31.15	.....	+70 53 3.6	....
32	*μ* Leonis	9	47 16.82	+ 0.18	**+15.79**	12 23 46.35	47.800	+ 7.28	+ 12.6	9 47 32.79	.....	+26 26 21.7	....
33	B. D. +59°1275	9	52 24.70	+ 0.18	+15.79	339 39 45.42	45.600	+ 7.29	− 21.0	9 52 40.67	− 1.57	+59 11 46.3	− 4.1
34	*η* Leonis	9	2 3.90	+ 0.17	**+15.77**	21 37 48.12	46.672	+ 7.31	+ 22.6	10 2 19.86	.....	+17 12 35.7	....
35	32 Ursæ Majoris	9	11 8.06	+ 0.16	+15.79	333 17 45.02	45.050	+ 7.33	− 28.5	10 11 24.01	.....	+65 34 6.6	....
36	42 Leonis	9	16 38.36	+ 0.16	+15.79	23 23 48.88	47.450	+ 7.35	+ 24.7	10 16 54.31	− 0.79	+15 26 15.2	+ 4.4
37	30 H. Camelopardalis	9	19 48.98	− 0.15	+15.79	315 49 45.52	47.185	+ 7.35	− 55.0	10 20 4.62	− 8.30	+83 1 43.8	− 6.5
38	36 Ursæ Majoris	9	24 30.29	+ 0.18	+15.79	342 23 47.05	47.025	+ 7.37	− 18.0	10 24 46.26	.....	+56 27 9.2	....
	March 13, P.												
39	57 B. Ursæ Minoris	9	6 42.50	− 1.44	+15.77	311 17 44.00	44.317	+ 8.16	−1 5.4	15 6 56.83	.....	+87 35 0.3	....
40	*τ*¹ Serpentis	9	21 15.80	+ 0.18	+15.77	23 5 47.50	45.810	+ 8.16	+ 24.7	15 21 31.75	− 0.32	+15 44 53.0	+ 9.6
41	32 Libræ	9	22 48.41	+ 0.12	**+15.70**	55 14	......	....	. ....	15 23 4.30	.....	−16 23	....
42	*β* Coronæ Borealis	8	23 46.64	+ 0.19	**+15.76**	9 26	......	....	. ....	15 24 2.60	.....	+29 25	....
43	*γ* Libræ	9	30 7.04	+ 0.13	**+15.76**	53 18	......	....	. ....	15 30 22.94	.....	−14 29	....
44	*θ* Ursæ Minoris	9	33 54.94	− 0.04	+15.77	321 11 43.68	48.558	+ 8.16	− 46.2	15 34 10.67	− 2.89	+77 39 4.9	+15.4
45	5 H. Camelopardalis S. P.	9	40 19.17	+ 0.56	+15.77	289 57 43.20	43.560	+ 8.16	−2 36.9	3 40 35.50	.....	+71 3 9.5	....
46	*μ* Serpentis	9	44 33.40	+ 0.15	**+15.68**	42 0	......	....	. ....	15 44 49.33	.....	− 3 9	....
47	*ζ* Ursæ Minoris	9	47 6.55	− 0.05	+15.78	320 47 44.32	45.133	+ 8.16	− 46.9	15 47 22.28	.....	+78 4 23.2	....
48	*γ* Serpentis	9	51 56.45	+ 0.18	**+15.76**	22 54	......	....	. ....	15 52 12.41	.....	+15 57	....
49	49 Libræ	9	54 53.93	+ 0.12	+15.78	55 5 49.10	45.085	+ 8.16	+1 22.6	15 55 9.83	.....	−16 15 49.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 11 58	29.80	47.0	45.0
12 30	.....	....	45.9
12 35	.....	....	46.4
12 41	29.79	46.2	46.8
13 8	.....	....	48.7
13 31	29.78	47.0	48.7
14 12	29.78	47.7	48.6
13 8 24	29.52	55.3	54.1
8 50	.....	....	53.5
9 6	29.52	54.4	53.1
9 30	.....	....	53.0
9 45	29.52	53.6	....
10 5	.....	....	52.8
10 35	29.51	52.4	52.4
15 1	29.56	51.5	47.2
15 35	.....	....	47.1
15 55	.....	....	47.0

Micrometer bisections are made at II, VI, except as noted below.

2, 31, 44, 45, 47.	Bisections at III, IV, V.
10.	Bisections at VI, VII.
11, 17, 37.	Bisections at III, V.
24, 26.	Bisections at II, VII.
25.	Bisections at II, III, IV, V, VI.
28, 36.	Bisections at I, II.
38.	Bisections at IV, V.
39.	Bisections at b_1, b_3, b_5, b_7, b_9.

Note.
37, 38. Poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
25	+17 7.9	−14 45.9	...	+ 2 22.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	151 H¹. Cephei s. p.	9	7 0.17	+ 1.24	+15.78	304 11 43.80	45.292	+ 8.16	−1 24.4	4 7 17.19	.....	+85 19 2.0	....
2	σ Scorpii	9	15 19.92	+ 0.08	+15.78	64 11 49.98	44.807	+ 8.16	+1 59.1	16 15 35.78	.....	−25 22 20.7	....
3	α Scorpii	9	23 30.03	+ 0.08	+15.78	65 1 50.28	48.085	+ 8.16	+2 3.7	16 23 45.89	.....	−26 13 40.7	....
4	34 Herculis	9	27 18.71	+ 0.18	+15.78	349 41 45.00	46.260	+ 8.16	− 10.4	16 27 34.67	− 0.27	+49 9 20.4	+17.0
5	σ Herculis	9	30 52.46	+ 0.19	+15.78	356 13 45.02	46.150	+ 8.16	− 3.7	16 30 8.43	.....	+42 37 16.1	....
6	35 B. Camelopardalis s. p.	9	36 7.73	+ 0.63	+15.78	294 39 43.30	46.332	+ 8.16	−2 4.8	4 36 24.14	.....	+75 46 45.0	....
7	18 Ophiuchi	9	43 52.27	+ 0.09	+15.78	63 17 49.42	46.091	+ 8.16	+1 54.8	16 44 8.14	+ 0.18	−24 28 45.3	− 2.1
8	κ Ophiuchi	9	53 2.71	+ 0.17	+15.75	29 19 47.40	45.478	+ 8.16	+ 32.6	16 53 18.66	.....	+ 9 30 52.8	....
9	d Herculis	9	57 56.61	+ 0.19	+15.79	5 9 46.42	44.355	+ 8.16	+ 5.3	16 58 12.49	.....	+33 41 46.7	....
10	η Ophiuchi	9	4 49.91	+ 0.12	+15.72	54 25 48.60	47.558	+ 8.16	+1 21.0	17 5 5.82	.....	−15 36 44.2	....
11	Mercury C, C	9	9 18.11	+ 0.16	+15.79	49 5 50.78	48.281	+ 8.85	+1 6.0	22 9 34.06	− 0.17	−10 16 48.6	....
	March 14, P.												
12	Sun I, N	9	35 40.13	+ 0.12	+15.81	41 3 47.68	45.100	+ 8.56	+ 49.6	23 35 56.06	+64.69	− 2 13 15.6	....
13	Sun II, S	9	37 49.51	+ 0.12	+15.81	41 35 48.32	45.555	+ 8.56	+ 50.5	23 38 5.44	−64.69	− 2 45 28.6	....
14	Venus I, C	9	10 0.84	+ 0.15	+15.83	24 37 47.82	44.925	+ 8.14	+ 25.8	2 10 16.82	+ 0.66	+14 13 11.9	....
15	Venus II	9	10 1.84	+ 0.15	+15.83	... .	......	....	.....	2 10 17.82	− 0.34	.. ..	....
16	Jupiter I, C	5	25 35.42	+ 0.12	+15.85	18 45 48.50	43.715	+ 8.23	+ 19.5	8 25 51.39	+ 1.54	+20 4 2.0	....
17	Jupiter II	5	25 38.50	+ 0.12	+15.85	... .	......	....	.....	8 25 54.47	− 1.54	.. ..	....
18	ι Ursæ Majoris	9	52 39.71	+ 0.15	+15.85	350 27 46.10	43.762	+ 8.23	− 9.6	8 52 55.71	.....	+48 24 15.3	....
19	κ Cancri	9	2 30.57	+ 0.12	+15.85	27 47 49.25	47.208	+ 8.23	+ 30.3	9 2 46.54	.....	+11 2 13.7	....
20	θ Hydræ	8	9 19.39	+ 0.11	+15.88	36 7 49.48	47.208	+ 8.23	+ 42.0	9 9 35.35	.....	+ 2 42 1.8	....
21	83 Cancri	9	13 35.56	+ 0.14	+15.87	20 45 47.15	43.870	+ 8.23	+ 21.8	9 13 51.55	.....	+18 5 40.5	....
22	θ Ursæ Majoris	9	26 27.76	+ 0.15	+15.85	346 45 46.15	44.958	+ 8.23	− 13.5	9 26 43.76	.....	+52 5 51.8	....
23	Moon I, N	9	36 55.78	+ 0.14	+15.86	21 25 46.52	43.653	+ 8.23	+ 22.6	9 37 11.78	+64.22	+17 25 45.3	....
24	μ Leonis	9	47 16.79	+ 0.16	+15.83	12 23 46.58	47.688	+ 8.23	+ 12.7	9 47 32.81	.....	+26 26 22.9	....
25	19 Leonis Minoris	9	51 48.23	+ 0.16	+15.86	357 21 46.90	45.098	+ 8.23	− 2.6	9 52 4.25	.....	+41 29 37.0	....
26	η Leonis	9	2 3.90	+ 0.14	+15.79	21 37 47.78	46.595	+ 8.23	+ 22.9	10 2 19.90	.....	+17 12 36.6	....
27	γ Leonis (*pr.*)	9	14 38.96	+ 0.15	+15.87	18 31 47.52	47.450	+ 8.23	+ 19.4	10 14 54.97	.....	+20 18 20.7	....
28	42 Leonis	9	16 38.30	+ 0.14	+15.86	23 23 46.92	47.412	+ 8.23	+ 25.0	10 16 54.30	− 0.79	+15 26 16.6	+ 4.3
29	α Antliæ	9	22 41.63	+ 0.01	+15.86	69 23 49.32	47.995	+ 8.23	+2 32.7	10 22 57.50	.....	−30 36 6.5	....
30	29 Sextantis	9	24 33.22	+ 0.12	+15.86	41 5 47.22	47.565	+ 8.23	+ 50.4	10 24 49.20	.....	− 2 16 12.5	....
31	35 H. Ursæ Majoris	9	36 16.39	+ 0.10	+15.86	329 17 43.38	46.955	+ 8.23	− 34.1	10 36 32.35	− 2.74	+69 33 29.6	− 3.6
32	l Leonis	9	44 10.16	+ 0.15	+15.90	27 49 48.32	43.068	+ 8.23	+ 30.5	10 44 26.17	.....	+11 1 49.0	....
33	47 Ursæ Majoris	9	54 4.17	+ 0.18	+15.87	357 55 46.08	46.140	+ 8.23	− 2.0	10 54 20.22	− 1.13	+40 55 13.4	+ 1.8
34	χ Hydræ	9	0 39.06	+ 0.04	+15.87	65 37 50.68	43.443	+ 8.23	+2 6.9	11 0 54.97	− 1.04	−26 47 58.1	+ 6.3
35	n Leonis	9	10 48.02	+ 0.16	+15.87	25 1 47.65	46.832	+ 8.23	+ 27.0	11 11 4.05	− 0.86	+13 48 27.2	+ 5.2
	March 15, Hl.												
36	η Leonis	9	2 3.67	+ 0.11	+16.05	21 37 47.22	46.690	+ 7.54	+ 22.8	10 2 19.90	.....	+17 12 35.9	....
37	λ Hydræ	9	5 50.88	+ 0.05	+16.09	50 43 48.88	46.408	+ 7.54	+1 10.2	10 6 7.05	.....	−11 54 6.8	....
38	138 B. Ursæ Majoris	9	14 19.72	+ 0.11	+16.12	344 9 45.05	48.080	+ 7.54	− 16.2	10 14 35.95	− 1.44	+54 40 44.9	− 2.6
39	30 H. Ursæ Majoris	9	17 16.65	+ 0.06	+16.12	332 49 44.45	45.475	+ 7.54	− 29.3	10 17 32.83	.....	+66 1 58.1	....
40	ι Cephei s. p.	9	46 4.46	+ 0.45	+16.13	284 37 43.82	45.303	+ 7.54	−3 35.0	22 46 21.04	.....	+65 42 50.8	....
41	237 B. Ursæ Majoris	9	11 16.34	+ 0.12	+16.13	348 51 46.52	48.088	+ 7.54	− 11.2	11 11 32.59	− 1.42	+49 58 38.3	+ 1.3
42	σ Leonis	9	16 8.21	+ 0.09	+16.17	32 17 49.22	47.872	+ 7.54	+ 36.3	11 16 24.43	.....	+ 6 31 53.2	....
43	τ Leonis	9	22 56.99	+ 0.09	+16.18	35 27 47.72	48.328	+ 7.54	+ 40.9	11 23 13.21	.....	+ 3 21 39.7	....
44	υ Leonis	9	31 58.98	+ 0.08	+16.11	39 7 48.72	49.938	+ 7.54	+ 46.8	11 32 15.19	.....	− 0 19 4.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 16 4	29.58	47.8	47.1
16 22	......	....	47.0
16 45	......	....	46.0
17 6	29.615	46.8	46.0
22 10	29.72	54.0	54.0
14 23 38	29.74	57.0	57.0
2 11	29.70	60.9	61.5
8 24	29.69	53.5	52.4
8 51	......	....	51.1
9 7	......	....	50.8
9 20	29.665	51.8	50.1
9 44	......	....	49.6
9 58	......	....	49.2
10 10	29.67	50.8	49.1
10 33	......	....	48.9
10 50	......	....	48.5
11 12	29.655	49.5	47.9
15 9 50	29.53	50.4	49.0
9 57	......	....	49.1
10 10	......	....	49.0
10 42	29.52	50.8	49.2
11 20	......	....	49.1
11 27	......	....	49.0
11 42	......	....	49.1

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at b_1, b_3, b_5, b_7, b_9.
2, 29, 34, 40. Bisections at I, II, VI.
3. Bisections at II, VI, VII.
4, 31. Bisections at III, V.
5. Bisections at IV, V.
6. Bisections at III, IV, V.
7, 11 14, 16. Bisections at I, II, VI, VII.
12, 36. Bisections at I, II.
13. Bisections at VI, VII.
16. Z. D. threads A used.
23. Bisections at II, III, IV, V, VI.

Notes.

7. Unsteady.
39, 40. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 9.2	.. ....	− 0.8	+ 8.4
12	+ 5.8	−16 6.4	...	−16 0.6
13	+ 5.9	+16 6.5	...	+16 12.4
14	+ 3.5	.. ....	+ 0.2	+ 3.7
16	+ 0.6	.. ....	...	+ 0.6
23	+19 40.1	−14 47.9	...	+ 4 52.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	π Virginis	9	55 54.22	+ 0.09	**+16.08**	31 43 47.35	43.675	+ 7.54	+ 35.6	11 56 10.45	.....	+ 7 7 31.7	....
2	o Virginis	9	0 15.94	+ 0.10	**+16.22**	29 35 47.60	46.408	+ 7.54	+ 32.7	12 0 32.18	.....	+ 9 14 31.9	....
3	δ Ursæ Majoris	9	10 38.32	+ 0.10	+16.14	341 19 45.98	43.550	+ 7.54	− 19.3	12 10 54.56	.....	+57 32 30.6	....
4	x^2 Centauri	9	20 15.80	− 0.07	+16.14	73 27 50.92	47.685	+ 7.54	+3 12.0	12 20 31.87	− 1.14	−34 40 39.7	+ 2.2
	March 16, M.												
5	Sun I, S.	9	42 58.38	+ 0.07	+16.27	40 47 48.45	47.315	+ 8.69	+ 48.9	23 43 14.72	+64.58	− 1 58 6.4	....
6	Sun II, N.	9	45 7.53	+ 0.07	+16.27	40 15 47.38	46.875	+ 8.69	+ 48.0	23 45 23.87	−64.57	− 1 25 55.5	....
7	Venus I, S.	9	18 49.57	+ 0.10	+16.29	23 43 48.68	46.781	+ 8.32	+ 24.8	2 19 5.96	+ 0.58	+15 6 29.4	....
	March 17, P.												
8	Moon II, N.	9	3 41.65	+ 0.16	+16.47	34 5 49.32	43.596	+ 6.77	+ 39.6	12 3 58.28	−62.47	+ 4 45 28.3	....
9	γ Corvi	9	10 48.84	+ 0.09	**+16.41**	55 50	......	....	. ....	12 11 5.41	.....	−17 1	....
10	η Virginis	5	14 56.18	+ 0.14	**+16.51**	39 0	......	....	. ....	12 15 12.80	.....	− 0 9	....
11	ρ Virginis	9	36 57.89	+ 0.17	**+16.54**	28 6	......	....	. ....	12 37 14.54	.....	+10 44	....
12	η Boötis	9	50 2.38	+ 0.18	**+16.49**	20 0	......	....	. ....	13 50 19.05	.....	+18 51	....
13	τ Virginis	9	56 41.89	+ 0.15	**+16.47**	36 52	... ..	....	. ....	13 56 58.53	.....	+ 1 59	....
14	α Boötis	8	11 11.93	+ 0.18	**+16.51**	19 12	......	....	. ....	14 11 28.60	.....	+19 39	....
15	μ Virginis	9	37 56.56	+ 0.13	**+16.51**	44 6	......	....	. ....	14 38 13.19	.....	− 5 15	....
16	ε Boötis	9	40 42.16	+ 0.20	**+16.50**	11 24	......	....	. ....	14 40 58.86	.....	+27 27	....
17	α Libræ	9	45 31.19	+ 0.10	**+16.45**	54 30	......	....	. ....	14 45 47.79	.....	−15 39	....
	March 20, P.												
18	Moon II, S.	9	29 14.57	+ 0.22	+17.07	49 47 57.45	43.160	+ 6.31	+1 12.2	14 29 31.86	−64.98	−10 57 2.0	....
19	ξ^2 Libræ	9	51 29.79	+ 0.22	**+17.00**	49 52	......	....	. ....	14 51 47.09	.....	−11 2	....
20	47 H. Cephei s. P.	9	53 25.99	+ 0.56	+17.08	297 55 48.68	47.680	+ 6.53	−1 54.2	2 53 43.63	.....	+79 3 30.1	....
21	ψ Boötis	9	0 13.59	+ 0.28	**+17.02**	11 31 52.48	48.082	+ 6.59	+ 12.5	15 0 30.95	.....	+27 18 9.9	....
22	48 H. Cephei s. P.	9	8 14.78	+ 0.56	+17.08	296 17 49.95	44.112	+ 6.66	−2 2.6	3 8 32.42	.....	+77 24 1.6	....
23	δ Boötis	9	11 30.99	+ 0.29	+17.08	5 11 52.72	45.592	+ 6.69	+ 5.6	15 11 48.36	.....	+33 39 13.3	....
24	τ^1 Serpentis	9	21 14.50	+ 0.27	+17.08	23 5 54.40	45.498	+ 6.78	+ 26.1	15 21 31.85	− 0.50	+15 44 53.3	+ 9.4
25	γ Libræ	9	30 5.76	+ 0.23	**+17.12**	53 18	......	....	. ....	15 30 23.07	.....	−14 29	....
26	149 H^1. Cephei s. P.	9	36 4.33	+ 1.24	+17.08	305 13 49.60	47.065	+ 6.91	−1 26.1	3 36 22.65	+13.53	+86 21 45.3	−12.4
27	β Serpentis	9	41 39.49	+ 0.28	**+17.16**	23 8	......	....	. ....	15 41 56.85	.....	+15 42	....
28	χ Lupi	9	44 49.76	+ 0.17	+17.08	72 9 55.52	42.814	+ 6.99	+3 8.5	15 45 7.01	− 0.41	−33 20 48.9	− 3.9
29	γ Serpentis	9	51 55.24	+ 0.28	**+17.06**	22 53 53.35	43.970	+ 7.06	+ 25.9	15 52 12.60	.....	+15 57 29.1	....
30	r Herculis	9	56 49.24	+ 0.28	+17.08	20 45 52.60	47.668	+ 7.10	+ 23.3	15 57 6.60	− 0.35	+18 4 7.9	+10.6
31	ω^2 Scorpii	9	1 43.46	+ 0.23	+17.09	59 25 53.42	47.782	+ 7.14	+1 43.5	16 2 0.78	− 0.26	−20 37 15.6	− 0.2
32	φ Herculis	9	5 35.57	+ 0.29	+17.09	353 39 51.85	48.778	+ 7.18	− 6.7	16 5 52.95	.....	+45 10 13.1	....
33	B. D.+36°2715	9	12 16.84	+ 0.30	+17.09	2 45 51.00	44.580	+ 7.24	+ 3.0	16 12 34.23	− 0.43	+36 5 40.2	+14.4
34	α Scorpii	9	23 28.72	+ 0.22	+17.09	65 1 55.48	47.628	+ 7.34	+2 11.1	16 23 46.03	.....	−26 13 41.9	....
35	τ Scorpii	9	29 52.08	+ 0.11	+17.09	66 49 55.08	46.676	+ 7.40	+2 22.6	16 30 9.28	.....	−28 1 31.4	....
36	24 Scorpii	9	35 57.73	+ 0.25	+17.09	56 23 54.20	44.753	+ 7.45	+1 32.0	16 36 15.07	− 0.08	−17 33 56.1	+ 0.7
37	20 Ophiuchi	9	44 27.23	+ 0.27	+17.09	49 27 56.35	44.003	+ 7.53	+1 11.6	16 44 44.59	.....	−10 37 20.8	....
38	κ Ophiuchi	9	53 1.44	+ 0.29	**+17.10**	29 20	......	....	. ....	16 53 18.82	.....	+ 9 30	....
39	30 Ophiuchi	9	55 55.09	+ 0.28	+17.09	42 55 53.60	44.445	+ 7.63	+ 57.0	16 56 12.46	.....	− 4 5 13.7	....
40	19 H. Camelopardalis s. P.	9	7 2.32	+ 0.82	+17.09	298 1 48.30	43.425	+ 7.73	−1 54.3	5 7 20.23	.....	+79 7 53.6	....
41	δ Herculis	9	10 57.73	+ 0.30	**+17.13**	13 53 52.55	46.835	+ 7.76	+ 15.2	17 11 15.12	.....	+24 56 34.4	....
42	Mercury C, C.	8	22 42.02	+ 0.26	+17.13	49 27 57.88	43.956	+ 6.17	+1 10.3	22 22 59.41	− 0.12	−10 37 18.5	....
	March 21, P.												
43	Sun I, S.	9	1 10.95	+ 0.37	+17.14	38 49 51.88	46.018	+ 6.22	+ 48.2	0 1 28.46	+64.52	+ 0 0 22.9	....
44	Sun II, N.	9	3 20.00	+ 0.37	+17.14	38 17 53.52	45.562	+ 6.22	+ 47.3	0 3 37.51	−64.53	+ 0 32 31.5	....
45	Venus I, C.	9	40 59.03	+ 0.35	+17.16	21 35 51.32	48.152	+ 4.79	+ 23.5	2 41 16.54	+ 0.72	+17 14 0.2	....
46	Venus II.	9	41 0.08	+ 0.35	+17.16	... .	......	....	. ....	2 41 17.59	− 0.33	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 12 6	......	....	48.2
12 14	......	....	48.0
12 26	29.53	48.8	48.0
16 23 45	29.62	57.7	57.0
2 19	29.60	60.6	60.2
17 12 0	29.68	43.9	43.0
20 14 27	[illegible]	28.5	27.3
14 50	......	....	27.0
15 16	......	....	27.0
15 28	29.985	28.0	26.6
15 50	......	....	26.2
16 10	......	....	26.1
16 40	30.00	27.5	26.0
17 2	......	....	25.5
17 13	30.01	26.9	25.3
22 23	30.11	36.1	36.1
21 0 3	30.115	39.0	38.8
2 42	30.09	43.3	43.1

Micrometer bisections are made at II, VI, except as noted below.

5, 43.	Bisections at I, II.
6, 44.	Bisections at VI, VII.
7, 28, 34, 42, 45.	Bisections at I, II, VI, VII.
8, 18.	Bisections at II, III, IV, V, VI.
20, 22, 40.	Bisections at III, IV, V.
26.	Bisections at b_1, b_3, b_5, b_7, b_9.
35.	Bisections at II, IV, VI, VII.
36, 37, 39.	Bisections at II, VI, VII.

Notes.

9–17. Clouds.

42. Circle reading decreased 20′.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 5.8	+16 5.4	...	+16 11.2
6	+ 5.7	−16 5.4	...	−15 59.7
7	+ 3.4	+ 8.3	...	+ 11.7
8	+30 47.6	−15 3.7	...	+15 43.9
18	+43 6.6	+15 27.2	...	+58 33.8
42	+ 8.2	.. ....	− 0.7	+ 7.5
43	+ 5.5	+16 4.2	...	+16 9.7
44	+ 5.4	−16 4.3	...	−15 58.9
45	+ 3.3	.. ....	+ 0.2	+ 3.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Cancri	9	27 6.26	+ 0.31	**+17.25**	18 6	......	....	. ....	8 27 23.77	.....	+20 45	....
2	212 H¹. Draconis s. p.	9	30 4.96	+ 0.43	+17.20	291 5 45.78	48.063	+ 4.83	−2 33.9	20 30 22.59	.....	+72 12 54.7	....
3	6 Hydræ	9	35 22.99	+ 0.26	+17.20	50 59 51.88	43.800	+ 4.83	+1 14.2	8 35 40.45	.....	−12 9 11.5	....
4	76 Draconis s. p.	9	48 54.81	+ 0.46	+17.20	301 3 45.05	46.532	+ 4.83	−1 39.2	20 49 12.47	.....	+82 11 13.5	....
5	θ Hydræ	9	9 17.83	+ 0.30	**+17.18**	36 7 51.55	47.182	+ 4.83	+ 44.1	9 9 35.34	.....	+ 2 42 1.6	....
6	83 Cancri	9	13 33.93	+ 0.32	**+17.25**	20 45 49.58	43.825	+ 4.83	+ 22.9	9 13 51.46	.....	+18 5 41.4	....
7	1 H. Draconis	6	23 49.93	+ 0.32	+17.21	317 8	......	....	. ....	9 24 7.46	.....	+81 44	....
8	β Cephei s. p.	9	27 8.21	+ 0.44	+17.21	289 3 46.62	44.327	+ 4.83	−2 52.4	21 27 25.86	.....	+70 9 11.6	....
9	89 B. Ursæ Majoris	9	34 7.75	+ 0.36	+17.21	329 11 45.80	46.980	+ 4.83	− 35.8	9 34 25.32	− 2.09	+69 39 31.8	− 9.3
10	ε Leonis	9	40 21.07	+ 0.34	**+17.19**	14 39 48.95	43.742	+ 4.83	+ 15.9	9 40 38.62	.....	+24 11 50.9	....
11	μ Leonis	9	47 15.22	+ 0.34	**+17.17**	12 23 45.48	47.685	+ 7.67	+ 13.4	9 47 32.77	.....	+26 26 24.0	....
12	19 Leonis Minoris	9	51 46.62	+ 0.36	+17.21	357 21 46.12	45.138	+ 7.67	− 2.7	9 52 4.19	.....	+41 29 37.7	....
13	η Leonis	9	2 2.33	+ 0.33	**+17.13**	21 37 46.42	46.612	+ 7.67	+ 24.0	10 2 19.87	.....	+17 12 37.0	....
14	λ Hydræ	9	5 49.42	+ 0.28	**+17.28**	50 43 48.45	46.275	+ 7.67	+1 13.9	10 6 6.91	.....	−11 54 7.2	....
15	29 H. Camelopardalis	9	16 17.10	+ 0.29	+17.21	314 9 42.32	43.365	+ 7.67	−1 1.9	10 16 34.60	.....	+84 43 20.9	....
16	36 Ursæ Majoris	9	24 28.72	+ 0.28	+17.22	342 23 45.20	47.045	+ 7.67	− 19.1	10 24 46.32	.....	+56 27 11.2	....
17	44 Hydræ	9	29 21.76	+ 0.25	+17.22	62 5 48.52	45.312	+ 7.67	+1 53.9	10 29 39.23	− 0.94	−23 16 25.2	+ 8.6
18	35 H. Ursæ Majoris	9	36 14.79	+ 0.38	+17.22	329 17 46.55	46.825	+ 7.67	− 35.7	10 36 32.39	− 2.64	+69 33 31.6	− 5.7
	March 21, Fk.												
19	48 Hydræ	9	54 34.24	+ 0.23	+17.23	63 23 47.95	43.265	+ 7.98	+2 0.8	13 54 51.70	.....	−24 33 45.1	....
20	55 Cassiopeiæ s. p.	9	6 54.28	+ 0.44	+17.23	284 59 42.45	47.755	+ 7.98	−3 41.9	2 7 11.95	.....	+66 5 39.2	....
21	λ Virginis	9	13 51.04	+ 0.27	**+17.18**	51 47 47.58	43.120	+ 7.98	+1 17.1	14 14 8.54	.....	−12 56 57.7	....
22	φ Virginis	9	23 10.82	+ 0.30	+17.23	40 39 46.48	44.525	+ 7.98	+ 52.2	14 23 28.35	− 0.67	− 1 49 3.9	+ 5.2
23	γ Boötis	7	28 5.81	+ 0.36	+17.23	0 7 45.55	48.195	+ 7.98	+ 0.2	14 28 23.40	.....	+38 42 24.8	....
24	ζ Boötis (*mean*)	9	36 28.37	+ 0.32	+17.23	24 43 46.60	44.928	+ 7.98	+ 28.0	14 36 45.92	.....	+14 7 11.0	....
25	109 Virginis	9	41 18.91	+ 0.30	**+17.24**	36 34	......	....	. ....	14 41 36.44	.....	+ 2 16	....
26	295 B. Boötis	9	45 13.36	+ 0.36	+17.23	0 39 44.88	46.102	+ 7.98	+ 0.8	14 45 30.95	− 0.91	+38 11 13.0	+11.4
27	381 G. Centauri	9	49 48.99	+ 0.19	+17.23	72 17 49.18	43.418	+ 7.98	+3 8.7	14 50 6.41	− 0.73	−33 28 57.7	− 2.5
28	47 H. Cephei s. p.	8	53 25.66	+ 0.46	+17.23	297 55 40.12	47.962	+ 7.98	−1 53.6	2 53 43.35	.....	+79 3 30.1	....
29	ψ Boötis	9	0 13.33	+ 0.34	**+17.24**	11 31 45.10	48.380	+ 7.98	+ 12.5	15 0 30.90	.....	+27 18 9.0	....
30	δ Boötis	9	11 30.79	+ 0.36	+17.24	5 11 45.10	45.858	+ 7.98	+ 5.6	15 11 48.39	.....	+33 39 13.6	....
31	Moon II	9	21 28.84	+ 0.28	+17.24	54 8	......	....	. ....	15 21 46.36	−66.85	.. ..	....
32	γ Libræ	9	30 5.59	+ 0.27	**+17.28**	53 18	......	....	. ....	15 30 23.10	.....	−14 29	....
33	θ Ursæ Minoris	9	33 53.51	+ 0.35	+17.24	321 11 42.00	48.662	+ 7.98	− 48.6	15 34 11.10	− 3.66	+77 39 6.7	+14.0
34	5 H. Camelopardalis s. p.	8	40 17.33	+ 0.45	+17.24	289 57 42.40	43.905	+ 7.98	−2 45.2	3 40 35.02	.....	+71 3 8.1	....
35	ζ Ursæ Minoris	9	47 5.41	+ 0.35	+17.24	320 47 42.80	45.255	+ 7.98	− 49.4	15 47 23.00	.....	+78 4 24.5	....
36	ε Coronæ Borealis	9	53 29.63	+ 0.34	**+17.18**	11 41 45.20	47.720	+ 7.98	+ 12.7	15 53 47.21	.....	+27 8 23.8	....
37	ω² Scorpii	9	1 43.26	+ 0.25	+17.24	59 25 46.45	48.065	+ 7.98	+1 42.7	16 2 0.75	− 0.29	−20 37 15.2	− 0.1
38	φ Herculis	8	5 35.23	+ 0.36	+17.24	353 39 44.50	48.965	+ 7.98	− 6.6	16 5 52.83	.....	+45 10 15.3	....
39	δ Ophiuchi	9	9 14.06	+ 0.29	**+17.31**	42 18	......	....	. ....	16 9 31.59	.....	− 3 27	....
40	σ² Coronæ Borealis	9	10 56.84	+ 0.36	+17.24	4 45 44.58	45.908	+ 7.98	+ 5.1	16 11 14.44	.....	+34 5 13.4	....
41	σ Scorpii	9	15 18.45	+ 0.23	+17.24	64 11 47.62	44.668	+ 7.98	+2 5.4	16 15 35.92	.....	−25 22 21.4	....
	March 24, Fk.												
42	Sun I, N	9	12 5.44	+ 0.15	+17.70	37 7 49.72	43.415	+ 7.78	+ 42.6	0 12 23.29	+64.36	+ 1 43 28.6	....
43	Sun II, S	9	14 14.16	+ 0.15	+17.70	37 39 54.75	43.428	+ 7.78	+ 43.4	0 14 32.01	−64.36	+ 1 11 21.4	....
44	α Hydræ	9	22 46.81	+ 0.12	**+17.70**	47 5 52.00	45.700	+ 7.88	+1 1.5	9 23 4.72	.....	− 8 15 45.2	....
45	θ Ursæ Majoris	9	26 25.59	+ 0.21	+17.79	346 45 44.95	44.942	+ 7.88	− 13.4	9 26 43.59	.....	+52 5 53.7	....
46	ο Leonis	9	35 57.22	+ 0.16	**+17.77**	28 31 47.82	46.348	+ 7.88	+ 31.1	9 36 15.18	.....	+10 18 34.3	....
47	ε Leonis	9	40 20.59	+ 0.19	**+17.79**	14 39 46.10	43.765	+ 7.88	+ 15.0	9 40 38.58	.....	+24 11 51.1	....
48	μ Leonis	9	47 14.76	+ 0.19	**+17.76**	12 23 45.30	47.725	+ 7.88	+ 12.7	9 47 32.75	.....	+26 26 23.7	....
49	B. D.+59°1275	9	52 22.50	+ 0.20	+17.80	339 39 44.45	45.520	+ 7.88	− 21.1	9 52 40.50	− 1.39	+59 11 48.4	− 6.8
50	η Leonis	9	2 1.84	+ 0.17	**+17.76**	21 37 47.10	46.625	+ 7.88	+ 22.8	10 2 19.81	.....	+17 12 37.0	....
51	λ Hydræ	9	5 49.07	+ 0.11	**+17.78**	50 43 48.38	46.432	+ 7.88	+1 10.1	10 6 6.98	.....	−11 54 7.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 8 28	30.11	37.0	36.0
8 53	......	....	35.3
9 17	......	....	34.5
9 31	30.12	36.0	34.2
9 55	......	....	34.0
10 13	......	....	34.0
10 38	30.12	34.8	33.9
14 20	30.095	32.6	31.1
15 5	30.095	32.1	31.0
15 25	30.09	32.5	31.1
15 58	......	....	30.8
16 23	30.085	31.9	30.5
24 0 14	29.545	57.8	59.0
9 16	29.64	53.0	53.0
9 30	......	....	53.0
9 57	29.665	52.1	52.0
10 9	......	....	52.0

Micrometer bisections are made at II, VI, except as noted below.

2, 4, 8, 15.	Bisections at III, IV, V.
9, 12, 18, 33–35.	Bisections at III, V.
23, 43.	Bisections at VI, VII.
28.	Bisections at III, IV.
42, 44.	Bisections at I, II.
49.	Bisections at II, VI, VII.

Notes.

15, 51. Unsteady.
19–41. Haze.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
42	+ 5.3	−16 3.5	...	−15 58.2
43	+ 5.4	+16 3.6	...	+16 9.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	30 H. Ursæ Majoris.......	9	17 14.50	+ 0.18	+17.80	332 49 45.25	45.322	+ 7.88	− 29.3	10 17 32.48	.....	+66 2 0.4	....
2	α Antliæ..................	7	22 39.63	+ 0.02	+17.80	69 23 52.40	48.010	+ 7.88	+2 31.9	10 22 57.45	.....	−30 36 8.9	....
3	226 B. Cephei s. P.........	9	30 16.77	+ 0.46	+17.80	294 37 46.10	46.740	+ 7.88	−2 4.0	22 30 35.03	.....	+75 44 57.6	....
4	39 Ursæ Majoris...........	9	37 38.84	+ 0.20	+17.80	341 9 45.95	47.605	+ 7.88	− 19.5	10 37 56.84	− 1.59	+57 40 57.8	− 4.1
5	ι Cephei s. P..............	9	46 2.98	+ 0.40	+17.81	284 27 45.28	45.112	+ 7.88	−3 35.5	22 46 21.19	.....	+65 42 47.9	....
6	47 Ursæ Majoris...........	9	54 2.19	+ 0.21	+17.81	357 55 46.62	46.038	+ 7.88	− 2.0	10 54 20.21	− 1.11	+40 55 15.6	− 0.1
7	α Ursæ Majoris............	9	57 47.49	+ 0.20	+17.81	336 35 43.95	48.062	+ 7.88	− 24.8	10 58 5.50	.....	+62 14 54.7	....
8	B. D.+56°1500........	9	2 21.01	+ 0.20	+17.81	342 27 47.18	45.002	+ 7.88	− 18.1	11 2 39.02	− 1.64	+56 23 54.7	− 2.5
9	237 B. Ursæ Majoris.......	9	11 14.46	+ 0.21	+17.81	348 51 46.52	47.988	+ 7.88	− 11.2	11 11 32.48	− 1.40	+49 58 40.3	− 0.9
10	δ Crateris................	9	14 27.54	+ 0.10	**+17.71**	53 7 49.62	43.110	+ 7.88	+1 16.7	11 14 45.45	.....	−14 16 59.0	....
	March 24, P.												
11	321 B. Boötis..............	9	51 35.38	+ 0.14	+17.85	24 1 51.50	45.548	+ 8.32	+ 26.0	14 51 53.37	.....	+14 48 53.6	....
12	ψ Boötis..................	9	0 12.96	+ 0.16	**+17.86**	11 31 49.30	48.162	+ 8.32	+ 12.0	15 0 30.98	.....	+27 18 10.0	....
13	ι Libræ...................	9	6 41.14	+ 0.06	**+17.91**	58 15 50.78	46.753	+ 8.32	+1 34.0	15 6 59.06	.....	−19 26 41.1	....
14	τ¹ Serpentis...............	9	21 13.92	+ 0.14	+17.86	23 5 50.20	45.655	+ 8.32	+ 24.9	15 21 31.92	− 0.59	+15 44 53.5	+ 9.2
15	β Coronæ Borealis........	9	23 44.77	+ 0.16	**+17.95**	9 25 47.40	45.775	+ 8.32	+ 9.7	15 24 2.79	.....	+29 25 8.7	....
16	α Coronæ Borealis........	9	30 30.18	+ 0.16	**+17.87**	11 50	......	....	. ....	15 30 48.20	.....	+27 1	....
17	149 H¹. Cephei s. P........	8	36 2.82	+ 1.22	+17.86	305 13 45.48	46.940	+ 8.32	−1 22.1	3 36 21.90	+14.42	+86 21 43.8	−11.6
18	β Serpentis...............	9	41 38.96	+ 0.14	**+17.93**	23 8	......	....	. ....	15 41 56.96	.....	+15 42	....
19	μ Serpentis...............	9	44 31.48	+ 0.11	**+17.92**	42 0	......	....	. ....	15 44 49.45	.....	− 3 9	....
20	λ Libræ...................	9	47 41.92	+ 0.06	+17.86	58 43 51.50	43.725	+ 8.32	+1 35.9	15 47 59.84	.....	−19 53 34.6	....
21	γ Serpentis...............	9	51 54.56	+ 0.14	**+17.91**	22 53 49.18	44.132	+ 8.32	+ 24.7	15 52 12.63	.....	+15 57 29.3	....
22	θ Draconis................	9	59 53.02	+ 0.14	+17.86	340 3 47.42	43.938	+ 8.32	− 21.1	16 0 11.02	.....	+58 48 21.5	....
23	κ Herculis................	9	3 37.74	+ 0.14	+17.86	21 33 50.45	44.675	+ 8.32	+ 23.1	16 3 55.74	.....	+17 17 17.4	....
24	19 Ursæ Minoris..........	9	13 11.00	0.00	+17.87	322 45 44.92	45.222	+ 8.32	− 44.2	16 13 28.87	.....	+76 6 17.7	....
25	σ Serpentis...............	9	17 7.03	+ 0.12	+17.87	37 35 53.70	45.525	+ 8.32	+ 45.0	16 17 25.02	− 0.29	+ 1 14 32.7	+ 6.5
26	η Draconis................	9	22 27.69	+ 0.12	+17.87	337 7 47.82	47.555	+ 8.32	− 24.5	16 22 45.68	.....	+61 43 1.8	....
27	A Draconis................	9	27 53.05	+ 0.08	+17.87	329 53 47.02	46.162	+ 8.32	− 33.8	16 28 11.00	.....	+68 57 43.7	....
28	35 B. Camelopardalis s. P.	9	36 4.89	+ 0.57	+17.87	294 39 46.42	46.193	+ 8.32	−2 6.2	4 36 23.33	.....	+75 46 43.7	....
29	9 Camelopardalis s. P....	9	44 33.76	+ 0.46	+17.87	285 5 48.55	46.448	+ 8.32	−3 32.5	4 44 52.09	.....	+66 11 25.4	....
30	κ Ophiuchi................	9	53 0.94	+ 0.13	**+17.87**	29 19 50.50	45.325	+ 8.32	+ 33.0	16 53 18.94	.....	+ 9 30 52.7	....
31	ε Herculis................	9	56 28.34	+ 0.15	+17.87	7 47 49.95	45.010	+ 8.32	+ 8.1	16 56 46.36	.....	+31 3 25.3	....
32	98 H¹. Herculis............	9	4 28.91	+ 0.15	+17.87	358 13 49.82	44.357	+ 8.32	− 1.8	17 4 46.93	− 0.29	+40 37 50.0	+16.2
33	A Ophiuchi (*south*).......	9	9 23.50	+ 0.03	+17.87	65 17 53.48	43.675	+ 8.32	+2 7.2	17 9 41.40	.....	−26 28 6.7	....
34	Moon N..................	.	.. ..	....	.....	62 15 50.92	43.668	+ 8.80	+1 52.2	.. ..	.....	−23 25 49.9	....
35	Moon II, S...............	9	17 3.46	+ 0.07	+17.88	62 47 51.62	44.527	+ 8.80	+1 54.7	18 17 21.41	−72.70	−23 58 11.8	....
	March 25, P.												
36	Sun N....................	.	.. ..	....	.....	36 43 50.70	44.452	+ 8.63	+ 43.4	0 17	.....	+ 2 7 1.7	....
37	Sun S....................	.	.. ..	....	.....	37 15 50.38	44.612	+ 8.63	+ 44.2	.. ..	.....	+ 1 34 57.1	....
38	Jupiter I, C..............	5	24 6.52	+ 0.13	+18.00	18 41 52.58	42.005	+ 8.10	+ 20.0	8 24 24.65	+ 1.53	+20 8 36.8	....
39	Jupiter II................	5	24 9.59	+ 0.13	+18.00	... .	......	....	. ....	8 24 27.72	− 1.54	.. ..	....
40	d Ursæ Majoris...........	9	26 5.61	+ 0.11	+18.01	328 37 53.10	44.562	+ 8.12	− 35.9	9 26 23.73	.....	+70 14 16.5	....
41	ο Leonis..................	9	35 57.00	+ 0.13	**+18.02**	28 31 50.60	46.170	+ 8.12	+ 32.2	9 36 15.14	.....	+10 18 34.3	....
42	ε Leonis..................	9	40 20.42	+ 0.15	**+17.99**	14 39 48.58	43.610	+ 8.12	+ 15.5	9 40 38.58	.....	+24 11 51.4	....
43	μ Leonis..................	9	47 14.59	+ 0.16	**+17.95**	12 23 48.85	47.575	+ 8.12	+ 13.1	9 47 32.76	.....	+26 26 23.0	....
44	η Leonis..................	9	2 1.67	+ 0.14	**+17.95**	21 37 50.98	46.405	+ 8.12	+ 23.6	10 2 19.82	.....	+17 12 37.1	....
45	λ Hydræ..................	9	5 48.84	+ 0.09	**+18.03**	50 43 51.18	46.172	+ 8.12	+1 12.6	10 6 6.94	.....	−11 54 6.7	....
46	32 H. Cephei s. P.........	9	20 12.94	+ 0.89	+18.01	304 31 51.20	43.785	+ 8.12	−1 25.8	22 20 31.84	+12.92	+85 38 33.5	+11.6
47	36 Ursæ Majoris...........	9	24 28.03	+ 0.17	+18.01	342 23 52.72	46.665	+ 8.12	− 18.7	10 24 46.21	.....	+56 27 11.5	....
48	39 Ursæ Majoris...........	9	37 38.64	+ 0.16	+18.02	341 9 53.70	47.250	+ 8.12	− 20.2	10 37 56.82	− 1.58	+57 40 58.7	− 4.3
49	α Ursæ Majoris............	9	57 47.41	+ 0.16	+18.02	336 35 52.42	47.702	+ 8.12	− 25.6	10 58 5.59	.....	+62 14 55.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
24 10 28	......	....	51.3
10 41	29.685	51.2	51.0
10 50	......	....	50.3
11 6	29.68	50.4	49.9
11 17	29.685	50.2	50.1
14 49	29.76	46.6	46.0
15 18	......	....	46.0
15 56	29.80	45.0	45.1
16 10	......	....	44.8
16 30	......	....	44.7
16 50	29.83	45.0	44.0
17 11	29.85	44.5	43.0
18 18	29.88	42.0	40.3
25 0 18	30.02	52.7	51.2
8 22	30.09	47.2	45.9
9 23	30.11	45.1	44.0
9 41	......	....	43.2
9 58	......	....	42.6
10 25	30.12	43.1	42.0
10 34	......	....	41.7

Micrometer bisections are made at II, VI, except as noted below.

3, 22, 24, 26, 27, 40, 49.	Bisections at III, V.
13, 38.	Bisections at I, II, VI.
17.	Bisections at b_3, b_5, b_7, b_9.
21, 25, 37.	Bisections at VI, VII.
28, 29.	Bisections at III, IV, V.
32.	Bisections at II, VI, VII.
34.	Bisections at I, II, III.
35.	Bisections at V, VI, VII.
36.	Bisections at III, IV.
38.	Z. D. threads A used.
46.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

2.	Unsteady; haze.
5.	Unsteady.
15.	Haze.
17–21.	Clouds.
36.	Revolutions of micrometer reading assumed.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
34	+51 55.8	−16 3.3	...	+35 52.5
35	+52 11.4	+16 3.3	− 0.3	+68 14.4
36	+ 5.2	−16 2.3	...	−15 57.1
37	+ 5.3	+16 2.2	...	+16 7.5
38	+ 0.6	.. ...	...	+ 0.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	p^4 Leonis	9	1 55.34	+ 0.14	+18.02	36 23 50.95	44.068	+ 8.12	+ 43.9	11 2 13.50	.....	+ 2 27 10.2	....
2	237 B. Ursæ Majoris	9	11 14.28	+ 0.18	+18.02	348 51 54.85	47.595	+ 8.12	− 11.6	11 11 32.48	− 1.40	+49 58 41.2	− 1.1
3	δ Crateris	9	14 27.22	+ 0.10	**+18.03**	53 7 50.28	42.955	+ 8.12	+1 19.2	11 14 45.34	.....	−14 16 59.1	....
4	39 H. Cephei s. p.	9	27 7.89	+ 1.13	+18.02	305 41 50.78	41.965	+ 8.12	−1 22.4	23 27 27.04	.....	+86 47 54.8	....
5	υ Leonis	9	31 57.09	+ 0.13	**+17.98**	39 9 51.82	44.482	+ 8.12	+ 48.5	11 32 15.24	.....	− 0 19 4.7	....
6	6 B. Ursæ Minoris	9	14 46.44	− 1.18	+18.03	310 39 51.92	45.129	+ 8.14	−1 9.1	12 15 3.29	.....	+88 12 37.4	....
	March 25, M.												
7	321 B. Boötis	9	51 35.08	+ 0.17	+18.11	24 1 50.48	45.582	+ 8.37	+ 26.7	14 51 53.36	.....	+14 48 53.0	....
8	ψ Boötis	9	0 12.66	+ 0.20	**+18.14**	11 31 48.68	48.210	+ 8.37	+ 12.3	15 0 30.97	.....	+27 18 9.1	....
9	ι Libræ	9	6 40.94	+ 0.10	**+18.09**	58 15 49.92	46.698	+ 8.37	+1 36.4	15 6 59.15	.....	−19 26 41.5	....
10	1 H^1. Camelopardalis s. p.	9	11 31.73	+ 0.36	+18.11	284 13 47.65	46.375	+ 8.37	−3 50.2	3 11 50.20	+ 2.69	+65 19 5.2	− 5.8
11	β Serpentis	9	41 38.63	+ 0.20	**+18.23**	23 7 50.95	47.035	+ 8.37	+ 25.5	15 41 56.95	.....	+15 42 20.6	....
12	γ Serpentis	9	51 54.36	+ 0.20	**+18.14**	22 54	......	....	. ....	15 52 12.68	.....	+15 57	....
13	ε Coronæ Borealis	9	53 28.93	+ 0.22	**+18.10**	11 42	......	....	. ....	15 53 47.27	.....	+27 8	....
14	θ Draconis	9	59 52.69	+ 0.25	+18.12	340 3 48.48	43.895	+ 8.37	− 21.6	16 0 11.06	.....	+58 48 21.8	....
15	κ Herculis	9	3 37.46	+ 0.21	+18.12	21 33 50.08	44.705	+ 8.37	+ 23.6	16 3 55.79	.....	+17 17 16.6	....
16	δ Ophiuchi	9	9 13.47	+ 0.17	**+18.12**	42 17 51.78	45.635	+ 8.37	+ 54.4	16 9 31.76	.....	− 3 27 37.1	....
17	19 Ursæ Minoris	9	13 10.66	+ 0.24	+18.12	322 45 47.90	45.085	+ 8.37	− 45.2	16 13 29.02	.....	+76 6 18.8	....
18	σ Serpentis	9	17 6.72	+ 0.18	+18.12	37 35 50.20	45.702	+ 8.37	+ 46.0	16 17 25.02	− 0.32	+ 1 14 31.3	+ 6.6
19	20 Ophiuchi	9	44 26.46	+ 0.16	+18.13	49 27 51.75	44.258	+ 8.37	+1 9.8	16 44 44.75	.....	−10 37 21.0	....
20	κ Ophiuchi	9	53 0.61	+ 0.21	**+18.15**	29 19 49.60	45.380	+ 8.37	+ 33.6	16 53 18.95	.....	+ 9 30 51.7	....
21	98 H^1. Herculis	9	4 28.57	+ 0.27	+18.13	358 13 49.30	44.345	+ 8.37	− 1.8	17 4 46.97	− 0.32	+40 37 50.9	+16.1
22	A Ophiuchi (*south*)	5	9 23.10	+ 0.10	+18.13	65 17 52.70	43.610	+ 8.37	+2 9.4	17 9 41.33	.....	−26 28 6.4	....
23	A Ophiuchi (*north*)	5	9 23.27	+ 0.10	+18.13	65 17 52.70	43.405	+ 8.37	+2 9.4	17 9 41.50	.....	−26 28 2.1	....
24	Moon II	9	20 39.91	+ 0.14	+18.15	62 38	......	....	. ....	19 20 58.20	−73.44	.. ..	....
25	Mercury C, C	9	39 35.55	+ 0.17	+18.18	48 41 53.32	47.165	+ 8.86	+1 5.4	22 39 53.90	− 0.11	− 9 52 25.1	....
	March 26, M.												
26	Sun I, N	9	19 21.17	+ 0.21	+18.19	36 19 50.80	45.872	+ 8.27	+ 41.6	0 19 39.57	+64.39	+ 2 30 31.9	....
27	Sun II, S	8	21 29.95	+ 0.21	+18.19	36 51 52.22	45.810	+ 8.27	+ 42.4	0 21 48.35	−64.39	+ 1 58 30.0	....
28	α Antliæ	9	22 39.27	− 0.11	+18.28	69 23 52.90	48.232	+ 5.90	+2 29.7	10 22 57.44	.....	−30 36 10.3	....
29	ρ Leonis	9	27 40.53	+ 0.08	**+18.27**	29 3 50.98	46.000	+ 5.90	+ 31.5	10 27 58.89	.....	+ 9 46 40.8	....
30	41 Leonis Minoris	9	38 7.46	+ 0.11	**+18.25**	15 11 50.15	42.940	+ 5.90	+ 15.4	10 38 25.85	.....	+23 40 7.5	....
31	l Leonis	9	44 7.77	+ 0.08	**+18.34**	27 49 51.25	43.100	+ 5.90	+ 29.9	10 44 26.13	.....	+11 1 48.3	....
32	β Ursæ Majoris	9	56 0.89	+ 0.16	+18.28	341 59 49.70	43.260	+ 5.90	− 18.3	10 56 19.33	.....	+56 52 34.2	....
33	o Cephei s. p.	9	14 28.64	+ 0.32	+18.28	286 29 48.22	47.812	+ 5.90	−3 7.5	23 14 47.24	.....	+67 36 18.7	....
34	π Virginis	8	55 52.08	+ 0.07	**+18.29**	31 43 51.35	43.682	+ 5.90	+ 35.1	11 56 10.44	.....	+ 7 7 29.7	....
35	o Virginis	9	0 13.99	+ 0.08	**+18.26**	29 35 50.10	46.455	+ 5.90	+ 32.2	12 0 32.36	.....	+ 9 14 30.5	....
36	δ Ursæ Majoris	9	10 36.13	+ 0.16	+18.29	341 19 49.68	43.295	+ 5.90	− 19.1	12 10 54.58	.....	+57 32 34.2	....
37	6 Canum Venaticorum	9	21 2.04	+ 0.15	+18.29	359 19 49.80	44.932	+ 5.90	− 0.6	12 21 20.48	− 1.25	+39 31 38.3	+ 3.8
	March 26, Fk.												
38	Moon II	9	24 41.29	**− 0.01**	**+18.29**	**61 4**	......	....	. ....	**20 24 59.57**	**−73.15**	.. ..	....
	March 27, Fk.												
39	Sun I, S	9	22 59.48	− 0.04	+18.32	36 28 1.42	47.025	+ 5.83	+ 40.9	0 23 17.76	+64.36	+ 2 21 58.0	....
40	Sun II, N	9	25 8.21	− 0.04	+18.32	35 55 51.10	47.152	+ 5.83	+ 40.1	0 25 26.49	−64.37	+ 2 54 5.2	....
41	Venus I, S	9	7 49.81	0.00	+18.34	19 17 48.08	44.542	+ 4.51	+ 19.3	3 8 8.15	+ 0.64	+19 33 30.4	....
	March 27, Ei.-M.												
42	η Cancri	9	27 5.31	− 0.07	**+18.49**	18 5 47.22	45.432	+ 5.24	+ 18.3	8 27 23.68	.....	+20 45 11.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
25 11 10	......	....	41.3
11 34	30.125	42.0	41.0
12 22	30.13	41.5	40.2
14 52	30.11	40.2	39.4
15 10	......	....	39.3
15 45	30.11	40.0	39.4
16 20	......	....	39.4
16 48	30.11	40.1	39.2
17 17	30.105	39.8	39.0
22 40	30.10	55.0	58.0
26 0 21	30.05	61.2	65.7
10 19	29.98	64.3	63.6
10 43	......	....	63.5
11 20	29.99	63.0	63.0
11 55	......	....	62.6
12 4	29.995	62.7	....
12 42	29.95	62.2	61.9
27 0 23	30.02	74.2	76.1
3 9	29.95	76.2	78.0
8 24	29.915	69.1	68.0

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at I, VI, VII.
2, 17. Bisections at III, V.
3, 23, 27, 40. Bisections at VI, VII.
4, 6. Bisections at b_1, b_3, b_5, b_7, b_9.
5. Bisections at II, VI, VII.
10. Bisections at III, V, VI.
14, 22, 26, 39. Bisections at I, II.
25, 28, 41. Bisections at I, II, VI, VII.
29. Bisections at I, II, VI.
33. Bisections at II, III, V, VI.

Notes.

3, 7–13, 31. Clouds.
10. Unsteady.
22, 23. Faint and poor.
33. Very poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
25	+ 7.4	.. ....	− 0.6	+ 6.8
26	+ 5.2	−16 0.9	...	−15 55.7
27	+ 5.3	+16 0.9	...	+16 6.2
39	+ 5.2	+16 3.6	...	+16 8.8
40	+ 5.2	−16 3.6	...	−15 58.4
41	+ 3.0	+ 9.0	...	+ 12.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+20°2172	9	35 8.42	− 0.07	+18.44	18 47 50.02	46.662	+ 5.24	+ 19.1	8 35 26.79	− 0.31	+20 2 39.5	+ 1.6
2	γ Cancri	9	37 39.80	− 0.06	+18.46	17 3 48.55	43.445	+ 5.24	+ 17.2	8 37 58.18	.....	+21 47 56.4	....
3	δ Cancri	9	39 9.50	− 0.07	+18.44	20 21 47.70	44.470	+ 5.24	+ 20.8	8 39 27.87	.....	+18 29 30.3	....
4	ε Hydræ	9	41 36.32	− 0.10	+18.46	32 5 48.08	44.428	+ 5.24	+ 35.1	8 41 54.66	.....	+ 6 45 16.6	....
	March 27, M.												
5	θ Hydræ	9	9 16.83	− 0.11	+18.52	36 7 50.45	47.392	+ 5.24	+ 40.9	9 9 35.20	.....	+ 2 42 0.7	....
6	83 Cancri	9	13 32.97	− 0.07	+18.54	20 45 48.20	44.005	+ 5.24	+ 21.3	9 13 51.38	.....	+18 5 39.9	....
7	d Ursæ Majoris	7	26 5.31	− 0.11	+18.48	328 37 48.35	44.762	+ 5.24	− 34.0	9 26 23.68	.....	+70 14 17.4	....
8	ο Leonis	9	35 56.68	− 0.09	+18.53	28 31 49.05	46.502	+ 5.24	+ 30.5	9 36 15.07	.....	+10 18 32.8	....
9	ε Leonis	9	40 20.11	− 0.06	+18.49	14 39 47.68	43.845	+ 5.24	+ 14.7	9 40 38.53	.....	+24 11 50.6	....
10	μ Leonis	9	47 14.24	− 0.05	+18.49	12 23 47.42	47.782	+ 5.24	+ 12.4	9 47 32.67	.....	+26 26 23.2	....
11	π Leonis	9	55 3.43	− 0.09	+18.49	30 21 48.28	45.140	+ 5.24	+ 32.9	9 55 21.82	.....	+ 8 29 2.3	....
12	29 H. Camelopardalis	9	16 15.86	− 0.67	+18.49	314 9 47.55	42.962	+ 5.24	− 57.6	10 16 33.68	.....	+84 43 23.0	....
	March 27, Fk.												
13	π Virginis	6	55 52.18	− 0.08	+18.34	31 43 50.08	43.760	+ 5.06	+ 34.7	11 56 10.52	.....	+ 7 7 30.4	....
14	6 B. Ursæ Minoris	8	14 47.52	− 2.40	+18.43	310 40	......	....	.....	12 15 3.55	.....	+88 12	....
15	15 Comæ Berenices	9	22 3.98	− 0.03	+18.43	10 3 49.30	47.050	+ 5.06	+ 10.0	12 22 22.38	− 1.08	+28 46 40.7	+ 4.6
16	ρ Virginis	9	36 56.31	− 0.07	+18.44	28 5 49.48	46.848	+ 5.06	+ 30.1	12 37 14.67	.....	+10 44 25.0	....
17	35 Virginis	9	42 52.94	− 0.08	+18.40	34 45 49.58	46.600	+ 5.06	+ 39.1	12 43 11.29	.....	+ 4 4 21.6	....
18	31 Comæ Berenices	9	46 55.82	− 0.04	+18.40	10 47 47.78	47.905	+ 5.06	+ 10.8	12 47 14.21	.....	+28 2 21.8	....
19	43 H. Cephei s. p.	9	55 24.61	+ 1.38	+18.43	304 37 44.18	47.375	+ 5.06	−1 21.0	0 55 44.42	.....	+85 45 50.1	....
20	θ Virginis	9	4 53.77	− 0.11	+18.38	43 53 52.35	44.175	+ 5.06	+ 54.2	13 5 12.09	.....	− 5 3 0.8	....
21	20 Canum Venaticorum	9	13 8.09	− 0.04	+18.43	357 47 48.02	46.100	+ 5.06	− 2.1	13 13 26.48	.....	+41 3 15.7	....
22	α Virginis	9	20 3.40	− 0.13	+18.38	49 29 51.38	48.922	+ 5.06	+1 6.0	13 20 21.70	.....	−10 41 0.1	....
23	38 Cassiopeiæ s. p.	9	23 59.41	+ 0.45	+18.43	288 41 48.65	44.605	+ 5.06	−2 44.2	1 24 18.29	.....	+69 47 28.4	....
24	13 B. Ursæ Minoris	7	34 43.44	− 0.19	+18.44	327 9 47.85	44.368	+ 5.06	− 36.2	13 35 1.69	− 3.50	+71 42 29.6	+ 5.2
25	η Ursæ Majoris	9	43 38.21	− 0.05	+18.44	349 5 50.25	43.970	+ 5.06	− 10.8	13 43 56.60	.....	+49 46 10.8	....
26	7 Boötis	9	48 31.75	− 0.06	+18.44	20 27 49.12	45.700	+ 5.06	+ 21.1	13 48 50.13	− 0.92	+18 23 0.6	+ 7.4
	March 27, P.												
27	321 B. Boötis	9	51 35.01	− 0.07	+18.46	24 1 49.80	45.815	+ 5.70	+ 25.3	14 51 53.40	.....	+14 48 52.5	....
28	ψ Boötis	9	0 12.56	− 0.05	+18.53	11 31 48.40	48.358	+ 5.70	+ 11.6	15 0 30.97	.....	+27 18 9.4	....
29	ι Libræ	9	6 40.85	− 0.15	+18.48	58 15 49.20	47.077	+ 5.70	+1 31.3	15 6 59.17	.....	−19 26 41.7	....
30	β Libræ	8	11 45.57	− 0.11	+18.48	47 52	......	....	.....	15 12 3.93	.....	− 9 2	....
31	32 Libræ	9	22 46.24	− 0.13	+18.47	55 14	......	....	.....	15 23 4.58	.....	−16 23	....
32	β Coronæ Borealis	8	23 44.50	− 0.03	+18.48	9 25 47.08	45.928	+ 5.70	+ 9.5	15 24 2.94	.....	+29 25 8.1	....
33	γ Libræ	9	30 4.93	− 0.12	+18.47	53 20	......	....	.....	15 30 23.28	.....	−14 29	....
34	149 H¹. Cephei s. p.	9	36 0.89	+ 1.92	+18.47	305 13 45.68	46.952	+ 5.70	−1 19.7	3 36 21.28	+15.12	+86 21 44.0	−11.1
35	β Serpentis	9	41 38.67	− 0.04	+18.47	23 7 50.00	47.190	+ 5.70	+ 24.3	15 41 57.10	.....	+15 42 21.9	....
36	λ Libræ	9	47 41.72	− 0.14	+18.47	58 43 50.55	44.050	+ 5.70	+1 33.1	15 48 0.05	.....	−19 53 35.7	....
37	γ Serpentis	9	51 54.35	− 0.04	+18.44	22 53 48.58	44.335	+ 5.70	+ 24.0	15 52 12.78	.....	+15 57 28.8	....
38	B. D.+37°2705	9	59 33.24	− 0.02	+18.47	1 27 47.82	49.032	+ 5.70	+ 1.5	15 59 51.69	− 0.71	+37 22 4.7	+13.6
39	κ Herculis	9	3 37.48	− 0.03	+18.47	21 33 48.38	44.922	+ 5.70	+ 22.4	16 3 55.92	.....	+17 17 17.2	....
40	δ Ophiuchi	9	9 13.44	− 0.07	+18.45	42 17 50.92	45.875	+ 5.70	+ 51.6	16 9 31.84	.....	− 3 27 36.3	....
41	19 Ursæ Minoris	8	13 10.99	− 0.27	+18.47	322 45 46.28	45.188	+ 5.70	− 42.9	16 13 29.19	.....	+76 6 18.5	....
42	η Draconis	9	22 27.60	− 0.07	+18.48	337 7 47.65	47.632	+ 5.70	− 23.8	16 22 46.01	.....	+61 43 2.2	....
43	A Draconis	9	27 52.95	− 0.13	+18.48	329 53 44.90	46.272	+ 5.70	− 32.7	16 28 11.30	.....	+68 57 44.9	....
44	κ Ophiuchi	9	53 0.60	− 0.02	+18.44	29 19 48.42	45.583	+ 5.70	+ 31.9	16 53 19.06	.....	+ 9 30 52.5	....
45	π Herculis	9	11 32.34	+ 0.02	+18.48	1 55 47.45	48.037	+ 5.70	+ 2.0	17 11 50.84	.....	+36 54 27.2	....
	April 2, M.												
46	Sun I, S	9	44 47.99	+ 0.12	+19.57	34 7 51.08	48.098	+ 8.85	+ 37.9	0 45 7.68	+64.52	+ 4 41 43.8	....
47	Sun II, N	9	46 57.04	+ 0.12	+19.57	33 35 50.65	48.050	+ 8.85	+ 37.2	0 47 16.73	−64.53	+ 5 13 45.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 8 43	......	....	68.1
9 12	......	....	67.1
9 16	29.91	68.3	....
9 53	......	....	66.8
10 30	29.91	67.0	66.1
11 55	29.885	66.2	66.1
12 28	29.89	66.1	65.3
12 51	......	....	64.4
13 28	29.87	64.7	63.4
13 51	29.85	64.4	63.0
14 49	29.84	62.6	61.5
15 28	......	....	60.9
15 46	......	....	60.1
15 56	29.83	61.5	60.0
16 26	......	....	59.9
16 56	29.82	61.0	60.0
17 13	29.825	61.0	60.0
2 0 47	29.45	58.9	61.0

Micrometer bisections are made at II, VI, except as noted below.

9, 29, 36, 44, 45.	Bisections at II, VI, VII.
12, 19.	Bisections at III, IV, V.
23.	Bisections at III, IV.
24, 41.	Bisections at IV, V.
32, 47.	Bisections at VI, VII.
34.	Bisections at b_1, b_3, b_5, b_7, b_9.
42, 43.	Bisections at III, V.
46.	Bisections at I, II.

Notes.

4, 14.	Unsteady.
12, 14, 27–45.	Clouds.
20, 39.	Micrometer reading increased 1 rev.
21.	Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
46	+ 4.9	+16 0.6	...	+16 5.5
47	+ 4.9	−16 0.6	...	−15 55.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	April 3, Fk.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*o* Virginis	9	0 12.33	+ 0.25	**+19.76**	29 35 50.48	46.192	+ 7.58	+ 34.2	12 0 32.34	.....	+ 9 14 32.4	....
2	6 B. Ursæ Minoris	7	14 42.41	+ 0.78	+19.77	310 39 44.00	45.403	+ 7.58	−1 9.8	12 15 2.96	.....	+88 12 40.4	....
3	15 Comæ Berenices	9	22 2.33	+ 0.29	+19.77	10 3 53.98	46.645	+ 7.58	+ 10.8	12 22 22.39	− 1.10	+28 46 41.9	+ 3.4
4	*f* Virginis	9	31 44.01	+ 0.21	+19.77	44 9 50.28	45.550	+ 7.58	+ 58.5	12 32 3.99	.....	− 5 19 37.0	....
5	ρ Virginis	9	36 54.67	+ 0.25	**+19.80**	28 5 51.10	46.482	+ 7.58	+ 32.2	12 37 14.69	.....	+10 44 27.2	....
6	35 Virginis	9	42 51.30	+ 0.24	**+19.77**	34 45 52.22	46.195	+ 7.58	+ 41.8	12 43 11.31	.....	+ 4 4 23.0	....
7	ε Ursæ Majoris	9	49 40.97	+ 0.34	+19.77	342 23 48.88	46.082	+ 7.58	− 19.0	12 50 1.08	.....	+56 27 29.5	....
8	43 H. Cephei S. P.	7	55 24.47	+ 0.19	+19.77	304 37 47.85	47.363	+ 6.16	−1 26.7	0 55 44.43	.....	+85 45 49.0	....
9	θ Virginis	9	4 52.12	+ 0.21	**+19.77**	43 53 51.92	43.910	+ 7.58	+ 57.9	13 5 12.10	.....	− 5 3 0.5	....
10	61 Virginis	9	13 16.55	+ 0.16	+19.77	56 37 50.18	45.375	+ 7.58	+1 31.3	13 13 36.48	.....	−17 48 5.6	....
11	α Virginis	9	20 1.82	+ 0.19	**+19.71**	49 31 50.78	43.388	+ 7.58	+1 10.6	13 20 21.78	.....	−10 41 0.1	....
12	9 B. Ursæ Minoris	9	23 31.03	+ 0.38	+19.77	325 59 47.98	45.495	+ 7.58	− 40.5	13 23 51.18	.....	+72 52 5.4	....
13	*m* Virginis	9	36 27.95	+ 0.20	**+19.73**	47 3 52.08	47.432	+ 7.58	+1 4.8	13 36 47.93	.....	− 8 14 28.1	....
14	τ Boötis	9	42 34.41	+ 0.26	+19.78	20 55 48.58	46.120	+ 7.58	+ 23.1	13 42 54.45	.....	+17 54 47.0	....
15	*i* Draconis	9	48 27.17	+ 0.35	+19.78	333 41 48.28	43.785	+ 7.58	− 29.7	13 48 47.30	− 2.65	+65 10 33.4	+ 4.7
	April 3, P.												
16	52 Hydræ	8	22 28.05	+ 0.11	+19.80	67 53 54.00	44.560	+ 7.73	+2 26.6	14 22 47.96	− 1.05	−29 4 46.2	+ 1.6
17	γ Boötis	9	28 3.64	+ 0.30	+19.80	0 7 49.12	47.950	+ 7.76	+ 0.2	14 28 23.74	.....	+38 42 27.3	....
18	π Boötis (*pr.*)	9	36 5.08	+ 0.26	+19.80	22 1 49.35	46.538	+ 7.79	+ 24.3	14 36 25.14	− 0.93	+16 48 35.3	+ 7.7
19	ε Boötis	9	40 39.17	+ 0.28	**+19.75**	11 23 49.15	44.585	+ 7.81	+ 12.1	14 40 59.25	.....	+27 27 32.3	....
20	61 B. Draconis	9	48 48.16	+ 0.32	+19.80	339 11 52.98	45.058	+ 7.85	− 22.7	14 49 8.28	.....	+59 39 52.4	....
21	47 H. Cephei S. P.	9	53 22.46	+ 0.38	+19.80	297 55 50.05	47.313	+ 7.87	−1 52.2	2 53 42.64	.....	+79 3 26.5	....
22	ψ Boötis	9	0 11.13	+ 0.28	**+19.77**	11 31 51.38	48.028	+ 7.90	+ 12.3	15 0 31.21	.....	+27 18 11.1	....
23	ι Libræ	8	6 39.34	+ 0.17	**+19.82**	58 15 49.25	46.765	+ 7.93	+1 37.0	15 6 59.32	.....	−19 26 42.5	....
24	1 H^1. Camelopardalis S. P.	9	11 29.99	+ 0.38	+19.81	284 13 51.80	46.142	+ 7.95	−3 51.5	3 11 50.18	+ 2.94	+65 19 2.3	− 4.0
25	32 Libræ	9	22 44.73	+ 0.18	**+19.83**	55 13 52.45	44.838	+ 8.00	+1 26.4	15 23 4.72	.....	−16 23 51.2	....
26	γ Libræ	8	30 3.41	+ 0.18	**+19.85**	53 17 51.82	48.322	+ 8.03	+1 20.6	15 30 23.40	.....	−14 29 4.5	....
27	ι Serpentis	9	37 7.68	+ 0.27	+19.81	18 51 50.18	48.770	+ 8.07	+ 20.6	15 37 27.76	− 0.78	+19 57 46.9	+ 9.6
28	β Serpentis	9	41 37.06	+ 0.26	**+19.94**	23 7 52.12	46.802	+ 8.08	+ 25.7	15 41 57.13	.....	+15 42 24.6	....
29	ζ Ursæ Minoris	7	47 4.24	+ 0.33	+19.81	320 47 53.58	44.655	+ 8.11	− 48.8	15 47 24.38	.....	+78 4 26.8	....
30	φ Herculis	9	5 33.18	+ 0.31	+19.81	353 39 53.82	48.558	+ 8.19	− 6.6	16 5 53.30	.....	+45 10 15.1	....
31	ε Ophiuchi	9	13 7.74	+ 0.22	**+19.76**	43 18	......	....	. ....	16 13 27.77	.....	− 4 28	....
32	η Ursæ Minoris	9	19 54.40	+ 0.33	+19.82	322 53 54.20	46.155	+ 8.25	− 45.2	16 20 14.55	.....	+75 57 48.1	....
33	α Scorpii	8	23 26.55	+ 0.13	+19.82	65 1 53.32	47.878	+ 8.27	+2 8.5	16 23 46.50	.....	−26 13 44.0	....
34	τ Scorpii	9	29 49.87	+ 0.12	+19.82	66 49 50.65	46.950	+ 8.30	+2 19.8	16 30 9.81	.....	−28 1 31.3	....
35	κ Ophiuchi	9	52 59.11	+ 0.25	**+19.85**	29 19 50.18	45.305	+ 8.40	+ 33.8	16 53 19.18	.....	+ 9 30 52.6	....
	April 4, P.												
36	Sun I, S.	8	52 5.05	+ 0.23	+19.86	33 23 54.62	42.838	+ 8.79	+ 38.8	0 52 25.14	+64.70	+ 5 27 39.6	....
37	Sun II, N.	9	54 14.45	+ 0.23	+19.86	32 51 53.95	42.738	+ 8.79	+ 38.0	0 54 34.54	−64.70	+ 5 59 42.3	....
38	Venus I, S.	9	43 58.04	+ 0.22	+19.89	16 35 48.28	48.471	+ 7.97	+ 17.5	3 44 18.15	+ 0.68	+22 13 58.8	....
39	Moon I.	9	56 35.33	+ 0.21	+19.89	21 52	......	....	. ....	3 56 55.43	+67.31	.. ..	....
40	318 B. Cephei S. P.	9	10 34.38	+ 0.48	+19.94	295 19 48.98	44.777	+ 8.20	−2 5.0	0 10 54.80	+ 5.25	+76 26 15.0	+ 8.0
41	14 Comæ Berenices	9	21 29.05	+ 0.25	+19.94	11 3 48.18	47.080	+ 8.20	+ 11.7	12 21 49.24	− 1.09	+27 46 36.3	+ 3.4
42	ρ Virginis	9	36 54.56	+ 0.22	**+19.94**	28 5 51.50	46.440	+ 8.20	+ 31.9	12 37 14.72	.....	+10 44 27.4	....
43	35 Virginis	9	42 51.13	+ 0.22	**+19.97**	34 45 51.88	46.195	+ 8.20	+ 41.5	12 43 11.29	.....	+ 4 4 23.0	....
44	31 Comæ Berenices	9	46 54.07	+ 0.25	**+19.91**	10 47 48.25	47.590	+ 8.20	+ 11.5	12 47 14.26	.....	+28 2 24.5	....
45	ε Virginis	9	57 16.68	+ 0.22	**+19.95**	27 23 52.52	44.758	+ 8.20	+ 31.0	12 57 36.84	.....	+11 27 5.7	....
46	θ Virginis	9	4 51.94	+ 0.20	**+19.97**	43 53 51.38	43.890	+ 8.20	+ 57.5	13 5 12.08	.....	− 5 2 59.7	....
47	γ Hydræ	9	13 36.08	+ 0.15	+19.94	61 29 53.98	47.490	+ 8.20	+1 50.0	13 13 56.17	.....	−22 41 17.1	....
48	9 B. Ursæ Minoris	9	23 31.11	+ 0.20	+19.95	325 59 50.18	45.330	+ 8.20	− 40.2	13 23 51.26	.....	+72 52 6.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 12 27	29.815	30.3	30.7
12 46	......	....	30.5
13 9	29.805	30.1	31.0
13 30	......	....	30.2
13 46	29.80	30.1	30.2
14 21	29.79	31.0	33.6
14 41	......	....	33.2
14 59	......	....	32.0
15 20	29.79	31.1	31.5
15 54	......	....	32.2
16 10	......	....	33.0
16 26	......	....	32.5
16 33	29.81	31.5	32.1
16 54	29.815	31.1	31.6
4 0 54	29.95	43.8	44.0
3 45	29.975	48.0	48.1
12 8	30.09	39.0	39.2
12 40	......	....	39.4
13 1	30.09	38.5	39.0
13 20	......	....	38.0

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at b_1, b_5, b_7.
8, 21, 24, 40.	Bisections at III, IV, V.
12, 15, 20, 32, 48.	Bisections at III, V.
16.	Bisections at I, VI, VII.
25, 26, 47.	Bisections at II, VI, VII.
28, 33, 37, 44.	Bisections at VI, VII.
29.	Bisections at IV, V.
34.	Bisections at II, VII.
36.	Bisections at I, II.
38.	Bisections at I, II, VI, VII.

Notes.

8.	Two microscopes used.
26, 28, 29, 33.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
36	+ 4.8	+16 1.3	...	+16 6.1
37	+ 4.7	−16 1.3	...	−15 56.6
38	+ 2.8	+ 9.6	...	+ 12.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	13 B. Ursæ Minoris......	9	34 41.88	+ 0.21	+19.95	327 9 51.30	44.042	+ 8.20	− 38.5	13 35 2.04	− 3.67	+71 42 32.7	+ 2.7
2	η Boötis..................	9	49 59.09	+ 0.23	**+19.99**	19 59 51.20	44.428	+ 8.20	+ 21.9	13 50 19.27	.....	+18 51 23.7	....
3	48 Hydræ................	9	54 31.86	+ 0.14	+19.95	63 23 51.70	43.187	+ 8.20	+1 59.5	13 54 51.95	.....	−24 33 46.0	....
4	55 Cassiopeiæ S. P.	9	6 51.33	+ 0.42	+19.95	284 59 53.12	47.032	+ 8.20	−3 39.6	2 7 11.70	.....	+66 5 36.1	....
5	λ Virginis................	9	13 48.66	+ 0.18	**+19.88**	51 47 52.20	42.968	+ 8.20	+1 16.3	14 14 8.79	.....	−12 56 58.3	....
6	52 Hydræ................	9	22 27.95	+ 0.12	+19.95	67 53 51.90	44.640	+ 8.20	+2 27.4	14 22 48.02	− 1.07	−29 4 47.2	+ 1.8
7	5 Ursæ Minoris...........	9	27 27.04	+ 0.18	+19.95	322 45 48.95	45.388	+ 8.20	− 45.5	14 27 47.17	.....	+76 6 11.2	....
	April 6, M.												
8	Sun I, N...............	9	59 22.88	+ 0.15	+20.30	32 5 50.90	44.435	+ 8.44	+ 35.7	0 59 43.34	+64.57	+ 6 45 10.3	....
9	Sun II, S................	9	1 32.03	+ 0.15	+20.30	32 37 52.62	44.175	+ 8.44	+ 36.5	1 1 52.48	−64.57	+ 6 13 12.7	....
10	Venus I, S...............	8	53 2.52	+ 0.09	+20.33	16 1 52.30	45.659	+ 8.15	+ 16.3	3 53 22.94	+ 0.69	+22 49 0.0	....
11	Moon I.................	9	45 49.78	+ 0.10	+20.35	16 44	......	....	.....	5 46 10.23	+67.72	.. ..	....
12	30 Monocerotis............	9	20 43.53	+ 0.03	**+20.45**	42 26	......	....	.....	8 21 3.93	.....	− 3 36	....
13	η Cancri.................	9	27 3.06	+ 0.09	**+20.42**	18 6	......	....	.....	8 27 23.52	.....	+20 45	....
14	γ Cancri.................	9	37 37.59	+ 0.09	**+20.37**	17 2	......	....	.....	8 37 58.05	.....	+21 48	....
15	δ Cancri.................	9	39 7.26	+ 0.09	**+20.37**	20 20	......	....	.....	8 39 27.72	.....	+18 29	....
16	ε Hydræ................	9	41 34.05	+ 0.06	**+20.43**	32 4	......	....	.....	8 41 54.48	.....	+ 6 45	....
17	76 Draconis S. P.	9	48 53.92	+ 0.46	+20.38	301 4	......	....	.....	20 49 14.76	.....	+82 11	....
18	1 H. Draconis............	8	23 45.59	− 0.04	+20.38	317 8	......	....	.....	9 24 5.93	.....	+81 44	....
	April 6, Fk.												
19	β Ursæ Minoris..........	9	50 41.48	+ 0.14	+20.35	324 19 47.38	46.480	+ 7.34	− 41.6	14 51 1.97	.....	+74 31 44.8	....
20	ψ Boötis.................	9	0 10.75	+ 0.14	**+20.35**	11 31 50.42	48.090	+ 7.34	+ 11.9	15 0 31.24	.....	+27 18 11.6	....
21	ι Libræ..................	9	6 39.08	0.00	**+20.31**	58 15 49.52	46.890	+ 7.34	+1 34.0	15 6 59.43	.....	−19 26 42.1	....
22	1 H¹. Camelopardalis S. P.	9	11 29.37	+ 0.33	+20.35	284 13 46.65	46.080	+ 7.34	−3 44.2	3 11 50.05	+ 2.98	+65 19 2.3	− 3.3
23	32 Libræ.................	9	22 44.49	+ 0.02	**+20.30**	55 13 52.50	44.990	+ 7.34	+1 23.8	15 23 4.86	.....	−16 23 51.4	....
24	θ Ursæ Minoris..........	7	33 52.04	+ 0.12	+20.36	321 11 49.88	48.100	+ 7.34	− 46.6	15 34 12.52	− 4.80	+77 39 10.4	+10.4
25	13 H. Camelopardalis S. P.	9	36 54.14	+ 0.34	+20.36	285 49 49.60	44.720	+ 7.34	−3 21.7	3 37 14.84	+ 3.00	+66 54 56.8	− 5.3
26	β Serpentis..............	9	41 36.86	+ 0.11	**+20.36**	23 7 51.48	47.010	+ 7.34	+ 25.0	15 41 57.33	.....	+15 42 22.1	....
27	ζ Ursæ Minoris..........	9	47 3.81	+ 0.12	+20.36	320 47 47.72	44.838	+ 7.34	− 47.4	15 47 24.29	.....	+78 4 27.8	....
28	ε Coronæ Borealis........	9	53 27.08	+ 0.14	**+20.32**	11 41 50.78	47.450	+ 7.34	+ 12.1	15 53 47.58	.....	+27 8 25.7	....
29	ω² Scorpii................	9	1 40.87	0.00	+20.36	59 25 50.58	48.172	+ 7.34	+1 38.6	16 2 1.23	− 0.71	−20 37 17.0	+ 1.1
30	φ Herculis...............	9	5 32.81	+ 0.16	+20.36	353 39 48.78	48.705	+ 7.34	− 6.4	16 5 53.33	.....	+45 10 17.4	....
31	σ Scorpii................	9	15 16.07	− 0.03	+20.36	64 11 52.52	44.758	+ 7.34	+2 0.3	16 15 36.40	.....	−25 22 22.6	....
32	η Ursæ Minoris..........	9	19 54.08	+ 0.14	+20.36	322 53 48.98	46.345	+ 7.34	− 44.0	16 20 14.58	.....	+75 57 48.7	....
33	34 Herculis..............	9	27 15.03	+ 0.17	+20.36	349 41 48.00	46.022	+ 7.34	− 10.5	16 27 35.56	− 1.11	+49 9 23.6	+14.2
34	σ Herculis...............	9	30 48.68	+ 0.16	+20.36	356 13 49.12	45.872	+ 7.34	− 3.8	16 31 9.20	.....	+42 37 19.2	....
35	18 Ophiuchi..............	9	43 48.60	− 0.03	+20.37	63 17 50.68	46.105	+ 7.34	+1 55.8	16 44 8.94	− 0.54	−24 28 47.0	− 0.7
36	κ Ophiuchi...............	8	52 58.83	+ 0.10	**+20.35**	29 19 50.30	45.345	+ 7.34	+ 32.8	16 53 19.30	.....	+ 9 30 53.6	....
37	η Ophiuchi...............	9	4 46.09	+ 0.02	**+20.34**	54 26	......	....	.....	17 5 6.48	.....	−15 36	....
38	19 H. Camelopardalis S. P.	9	6 57.57	+ 0.39	+20.37	298 1 45.22	43.192	+ 7.34	−1 48.9	5 7 18.33	.....	+79 7 50.2	....
39	π Herculis...............	9	11 30.68	+ 0.15	+20.37	1 55 48.68	47.870	+ 7.34	+ 2.0	17 11 51.20	.....	+36 54 28.2	....
	April 7, Fk.												
40	Sun I, N................	9	3 2.13	+ 0.11	+20.39	31 41 48.78	48.075	+ 7.73	+ 34.6	1 3 22.63	+64.63	+ 7 7 51.1	....
41	Sun II, S....	9	5 11.39	+ 0.11	+20.39	32 13 48.92	48.125	+ 7.73	+ 35.3	1 5 31.89	−64.63	+ 6 35 48.0	....
42	Venus I, S...............	9	57 35.03	+ 0.05	+20.42	15 45 47.75	43.995	+ 6.60	+ 15.7	3 57 55.50	+ 0.70	+23 5 44.8	....
43	Moon I, N..............	9	40 22.76	+ 0.05	+20.44	15 39 48.70	46.835	+ 6.09	+ 15.6	6 40 43.25	+67.45	+23 10 39.6	....
44	γ Corvi..................	9	10 45.16	− 0.09	**+20.35**	55 50	......	....	.....	12 11 5.52	.....	−17 2	....
45	η Virginis...............	9	14 52.42	− 0.02	**+20.53**	39 0	......	....	.....	12 15 12.85	.....	− 0 9	....
46	δ Corvi..................	9	24 46.84	− 0.08	**+20.46**	54 49	......	....	.....	12 25 7.21	.....	−16 0	....
47	ρ Virginis...............	8	36 54.23	+ 0.01	**+20.49**	28 6	......	....	.....	12 37 14.70	.....	+10 44	....
48	35 Virginis..............	9	42 50.84	0.00	**+20.49**	34 46	......	....	.....	12 43 11.30	.....	+ 4 4	....
49	31 Comæ Berenices.......	9	46 53.78	+ 0.05	**+20.41**	10 48	... ..	....	.....	12 47 14.29	.....	+28 2	....
	April 8, P.												
50	Moon I.................	9	34 10.11	− 0.01	+20.68	16 20	......	....	.....	7 34 30.78	+66.79	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 13 45	[illegible]	37.5	36.6
14 0	......	....	36.1
14 15	......	....	35.9
14 30	30.09	35.9	35.6
6 1 2	29.96	60.3	60.3
3 53	29.925	63.8	64.5
14 48	29.92	49.8	48.6
15 18	29.91	49.6	48.2
16 8	29.91	49.0	47.3
16 35	......	....	47.2
17 0	29.91	48.4	46.9
7 1 3	29.96	67.0	68.8
3 59	29.925	72.2	73.2
6 40	29.93	70.4	72.0

Micrometer bisections are made at II, VI, except as noted below.

1, 7, 19, 25, 27, 32, 38.	Bisections at III, V.
3.	Bisections at II, VI, VII.
4.	Bisections at III, IV, V.
8, 40.	Bisections at I, II.
9, 41.	Bisections at VI, VII.
10, 42.	Bisections at I, II, VI, VII.
22.	Bisections at II, III, V, VI.
24.	Bisections at b_5, b_7.
43.	Bisections at II, III, IV, V, VI.

Notes.

31, 35, 38.	Unsteady.
44–49.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 4.6	−15 58.7	...	−15 54.1
9	+ 4.7	−15 58.8	...	+16 3.5
10	+ 2.8	+ 9.8	...	+ 12.6
40	+ 4.6	−16 1.5	...	−15 56.9
41	+ 4.7	+16 1.5	...	+16 6.2
42	+ 2.8	+ 9.9	...	+ 12.7
43	+14 39.2	−14 56.3	...	− 17.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	April 9, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	10 20.88	0.00	+20.89	31 29 47.45	45.970	+ 7.63	+ 35.7	1 10 41.77	+64.75	+ 7 20 39.5	....
2	Sun II, N.	8	12 30.39	0.00	+20.89	30 57 47.80	46.070	+ 7.63	+ 34.9	1 12 51.28	−64.76	+ 7 52 36.6	....
3	Venus I, S.	9	6 39.26	+ 0.09	+20.91	15 13 48.35	44.409	+ 6.97	+ 15.7	4 7 0.26	+ 0.71	+23 37 34.4	....
4	30 Monocerotis	9	20 42.94	0.00	**+21.02**	42 26	......	....	.....	8 21 3.91	.....	− 3 36	....
5	Moon I, N.	9	26 42.87	+ 0.06	+20.97	17 31 49.42	46.946	+ 7.12	+ 18.4	8 27 3.90	+65.84	+21 18 32.5	....
6	γ Cancri	9	37 36.98	+ 0.06	**+20.96**	17 2	......	....	.....	8 37 58.01	.....	+21 48	....
7	δ Cancri	9	39 6.59	+ 0.05	**+21.04**	20 20	......	....	.....	8 39 27.61	.....	+18 29	....
8	ι Cancri	9	40 47.06	+ 0.08	**+21.02**	9 44	......	....	.....	8 41 8.11	.....	+29 5	....
9	ε Hydræ	9	41 33.55	+ 0.03	**+20.92**	32 4	......	....	.....	8 41 54.55	.....	+ 6 45	....
10	76 Draconis s. p.	9	48 53.33	+ 0.42	+20.98	301 4	......	....	.....	20 49 14.73	.....	+82 11	....
11	1 H. Draconis	8	23 44.78	− 0.02	+20.98	317 8	......	....	.....	9 24 5.74	.....	+81 44	....
	April 9, Fk.												
12	γ Serpentis	9	51 51.99	+ 0.07	**+20.98**	22 54	......	....	.....	15 52 13.02	.....	+15 57	....
13	ε Coronæ Borealis	9	53 26.63	+ 0.10	**+20.88**	11 41 48.22	47.490	+ 8.33	+ 12.3	15 53 47.69	.....	+27 8 26.1	....
14	ω^2 Scorpii	9	1 40.46	− 0.04	+20.96	59 25 48.00	48.220	+ 8.33	+1 39.5	16 2 1.38	− 0.78	−20 37 17.4	+ 1.3
15	τ Coronæ Borealis	9	5 16.34	+ 0.11	+20.96	2 7 47.15	45.875	+ 8.33	+ 2.3	16 5 37.41	− 1.01	+36 43 14.1	+11.8
16	δ Ophiuchi	7	9 11.17	+ 0.03	**+20.92**	42 17 49.35	45.755	+ 8.33	+ 53.6	16 9 32.16	.....	− 3 27 36.8	....
17	τ Herculis	9	16 38.52	+ 0.12	+20.96	352 19 45.05	45.248	+ 8.33	− 7.9	16 16 59.60	.....	+46 31 40.6	....
18	98 B. Draconis	9	22 4.86	+ 0.12	+20.96	343 25 43.45	48.608	+ 8.33	− 17.4	16 22 25.94	− 1.45	+55 24 35.1	+13.6
19	*A* Draconis	9	27 50.82	+ 0.11	+20.96	329 53 48.88	45.968	+ 8.33	− 34.0	16 28 11.89	.....	+68 57 46.5	....
20	ζ Ophiuchi	9	31 45.18	0.00	**+20.96**	49 13 51.15	43.400	+ 8.33	+1 8.3	16 32 6.14	.....	−10 22 59.2	....
21	49 Herculis	9	47 33.07	+ 0.07	+20.96	23 43 48.60	44.120	+ 8.33	+ 26.0	16 47 54.10	.....	+15 7 29.1	....
22	η Ophiuchi	9	4 45.58	− 0.02	**+20.97**	54 26	......	....	.....	17 5 6.53	.....	−15 36	....
23	ζ Draconis	8	8 11.66	+ 0.11	+20.97	333 1 48.90	46.810	+ 8.33	− 29.9	17 8 32.74	.....	+65 49 23.2	....
	April 10, P.												
24	Moon I.	9	17 45.34	+ 0.12	+21.11	20 18	......	....	.....	9 18 6.57	+64.76	.. ..	....
25	Mercury II, C.	9	56 27.25	− 0.04	+21.23	41 57 52.68	46.460	+ 8.10	+ 49.7	23 56 48.44	− 0.20	− 3 7 51.9	....
	April 11, P.												
26	Sun N.	.	.. ..	....	.....	30 13 49.65	45.228	+ 7.89	+ 32.2	1 19	.....	+ 8 36 57.5	....
27	Sun S.	.	.. ..	....	.....	30 45 49.02	45.272	+ 7.89	+ 32.9	.. ..	.....	+ 8 4 55.4	....
28	Venus I, S.	9	15 43.27	+ 0.03	+21.27	14 43 51.80	45.332	+ 8.05	+ 14.8	4 16 4.57	+ 0.73	+24 7 9.6	....
29	Moon I, N.	9	7 18.03	+ 0.03	+21.28	23 23 48.48	43.684	+ 8.08	+ 25.0	10 7 39.34	+63.77	+15 27 40.4	....
30	α Antliæ	9	22 36.15	− 0.16	+21.28	69 23 50.62	48.105	+ 8.08	+2 33.0	10 22 57.27	.....	−30 36 10.5	....
31	36 Ursæ Majoris	9	24 24.62	+ 0.09	+21.28	342 23 48.68	46.658	+ 8.08	− 18.2	10 24 45.99	.....	+56 27 15.2	....
32	34 Sextantis	9	37 31.89	0.00	**+21.28**	34 45 50.88	48.060	+ 8.08	+ 40.2	10 37 53.17	.....	+ 4 3 43.1	....
33	*l* Leonis	9	44 4.83	+ 0.02	**+21.24**	27 47 53.02	48.023	+ 8.08	+ 30.6	10 44 26.13	.....	+11 1 51.2	....
34	*d* Leonis	9	55 28.03	0.00	**+21.31**	34 43 52.05	45.728	+ 8.08	+ 40.2	10 55 49.31	.....	+ 4 6 35.0	....
35	χ Leonis	9	59 55.77	+ 0.02	**+21.31**	30 59 51.22	47.735	+ 8.08	+ 34.9	11 0 17.08	.....	+ 7 49 55.2	....
36	δ Leonis	9	8 52.56	+ 0.04	**+21.32**	17 49 52.38	43.918	+ 8.08	+ 18.7	11 9 13.89	.....	+21 1 37.5	....
37	π Virginis	9	55 49.19	+ 0.01	**+21.25**	31 43 52.25	43.420	+ 8.08	+ 36.0	11 56 10.49	.....	+ 7 7 31.7	....
38	*o* Virginis	9	0 11.02	+ 0.02	**+21.30**	29 35 51.68	46.182	+ 8.08	+ 33.1	12 0 32.33	.....	+ 9 14 32.1	....
39	2 Canum Venaticorum	9	11 11.06	+ 0.08	+21.30	357 39 52.40	48.342	+ 8.08	− 2.3	12 11 32.44	.....	+41 10 17.3	....
40	14 Comæ Berenices	9	21 27.90	+ 0.06	+21.30	11 3 52.08	46.910	+ 8.08	+ 11.5	12 21 49.26	− 1.10	+27 46 36.6	+ 2.4
	April 12, Fk.												
41	36 Ursæ Majoris	9	24 24.35	+ 0.15	+21.48	342 23 50.15	46.595	+ 7.84	− 18.3	10 24 45.98	.....	+56 27 15.6	....
42	Moon I, N.	9	55 37.54	+ 0.05	+21.48	27 27 51.62	46.063	+ 7.84	+ 30.2	10 55 59.07	+63.03	+11 22 38.0	....
43	δ Leonis	6	8 52.31	+ 0.07	**+21.53**	17 49 51.88	43.945	+ 7.84	+ 18.7	11 9 13.87	.....	+21 1 37.6	....
44	δ Crateris	9	14 23.86	− 0.04	**+21.46**	53 6	......	....	.....	11 14 45.31	.....	−14 16	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 1 13	29.995	52.7	50.2
4 7	29.985	56.1	55.4
8 22	30.08	53.3	52.4
8 34	......	....	51.9
15 50	29.98	45.8	44.4
16 35	29.97	45.0	43.2
16 55	29.965	44.9	43.2
17 16	29.96	44.4	42.8
10 23 57	29.485	65.1	67.0
11 1 20	29.50	65.8	67.0
4 17	29.565	63.0	61.2
10 5	29.77	51.0	50.0
10 35	......	....	49.5
10 50	......	....	48.7
11 10	29.80	49.0	48.0
11 54	29.80	47.2	46.3
12 8	......	....	46.1
12 23	29.81	46.9	45.8
12 10 19	29.905	52.3	51.2
11 5	29.89	51.4	50.2

Micrometer bisections are made at II, VI, except as noted below.

1, 26, 32. Bisections at I, II.
2, 16, 27. Bisections at VI, VII.
3, 25, 28. Bisections at I, II, VI, VII.
5, 29, 42. Bisections at II, III, IV, V, VI.
18, 19. Bisections at III, V.
23. Bisections at II, IV.
30, 33, 36. Bisections at I, II, VI.
31. Bisections at V, VI.

Notes.

11, 23, 32, 44. Clouds.
12–23. Conditions poor.
14. Clouds; very poor.
30. Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 4.5	+15 58.6	...	+16 3.1
2	+ 4.5	−15 58.5	...	−15 54.0
3	+ 2.7	+ 10.1	...	+ 12.8
5	+16 12.6	−14 47.9	...	+ 1 24.7
25	+ 5.3	.. ....	−0.4	+ 4.9
26	+ 4.4	−16 1.0	...	−15 56.6
27	+ 4.5	+16 1.0	...	+16 5.5
28	+ 2.7	+ 10.3	...	+ 13.0
29	+21 28.0	−14 51.2	...	+ 6 36.8
42	+25 7.1	−14 56.5	...	+10 10.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	τ Leonis	9	22 51.72	+ 0.03	+21.48	35 27 51.45	48.148	+ 7.84	+ 41.3	11 23 13.24	.....	+ 3 21 39.4	....
2	υ Leonis	9	31 53.63	+ 0.01	+21.53	39 7 53.40	49.732	+ 7.84	+ 47.2	11 32 15.13	.....	− 0 19 4.6	....
3	β Leonis	9	44 1.44	+ 0.06	+21.51	23 46	......	....	.....	11 44 22.99	.....	+15 5	....
4	β Virginis	9	45 33.62	+ 0.02	+21.47	36 32	......	....	.....	11 45 55.13	.....	+ 2 16	....
5	π Virginis	9	55 49.00	+ 0.04	+21.40	31 43 51.35	43.485	+ 7.84	+ 35.8	11 56 10.53	.....	+ 7 7 31.6	....
6	2 Canum Venaticorum	9	11 10.77	+ 0.13	+21.49	357 39 48.90	48.435	+ 7.84	− 2.3	12 11 32.39	.....	+41 10 18.9	....
7	η Virginis	9	14 51.39	+ 0.01	+21.53	38 59 52.62	45.550	+ 7.84	+ 47.0	12 15 12.89	.....	− 0 9 28.1	....
8	14 Comæ Berenices	9	21 27.64	+ 0.10	+21.50	11 3 51.45	46.940	+ 7.84	+ 11.4	12 21 49.24	− 1.10	+27 46 36.9	+ 2.2
	April 12, M.												
9	Mercury C, C	9	7 46.16	+ 0.05	+21.69	40 43 50.68	47.404	+ 7.37	+ 48.1	0 8 7.90	− 0.04	− 1 54 9.1	....
	April 13, M.												
10	Sun I, N	9	25 1.75	+ 0.08	+21.70	29 29 51.08	46.055	+ 7.14	+ 31.4	1 25 23.52	+64.83	+ 9 20 38.7	....
11	Sun II, S	9	27 11.40	+ 0.08	+21.70	30 1 51.18	45.698	+ 7.14	+ 32.0	1 27 33.18	−64.83	+ 8 48 45.1	....
12	Venus I, S	9	24 46.10	− 0.01	+21.72	14 15 50.50	47.180	+ 7.99	+ 14.0	4 25 7.81	+ 0.75	+24 34 29.5	....
13	γ Cancri	9	37 36.16	0.00	+21.78	17 2	......	....	.....	8 37 57.93	.....	+21 47	....
14	δ Cancri	9	39 5.86	− 0.01	+21.77	20 20	......	....	.....	8 39 27.62	.....	+18 29	....
15	ι Cancri	8	40 46.28	+ 0.03	+21.78	9 44	......	....	.....	8 41 8.08	.....	+29 5	....
16	ε Hydræ	9	41 32.75	− 0.04	+21.73	32 4	......	....	.....	8 41 54.48	.....	+ 6 45	....
17	76 Draconis s. p.	9	48 53.33	+ 0.35	+21.77	301 4	......	....	.....	20 49 15.45	.....	+82 11	....
18	α Cancri	9	53 5.84	− 0.02	+21.78	26 38	......	....	.....	8 53 27.59	.....	+12 12	....
19	1 H. Draconis	9	23 43.31	− 0.01	+21.78	317 8	......	....	.....	9 24 5.08	.....	+81 44	....
20	Moon I, N	9	43 14.09	− 0.04	+21.79	32 7 48.42	43.408	+ 8.81	+ 36.0	11 43 35.84	+62.70	+ 6 43 35.1	....
	April 13, Fk.												
21	γ Serpentis	9	51 51.36	0.00	+21.77	22 54	......	....	.....	15 52 13.11	.....	+15 57	....
22	ε Coronæ Borealis	9	53 25.88	+ 0.03	+21.78	11 41 48.98	47.422	+ 8.08	+ 12.3	15 53 47.66	.....	+27 8 27.2	....
23	κ Herculis	9	3 34.46	0.00	+21.75	21 33 50.40	44.600	+ 8.11	+ 23.4	16 3 56.21	.....	+17 17 19.1	....
24	δ Ophiuchi	9	9 10.46	+ 0.06	+21.69	42 17 51.00	45.640	+ 8.13	+ 53.8	16 9 32.27	.....	− 3 27 35.6	....
25	τ Herculis	9	16 37.97	+ 0.07	+21.75	352 19 49.28	45.035	+ 8.15	− 7.9	16 16 59.79	.....	+46 31 41.4	....
26	98 B. Draconis	9	22 4.19	+ 0.08	+21.75	343 25 45.65	48.422	+ 8.17	− 17.5	16 22 26.02	− 1.59	+55 24 37.2	+12.9
27	A Draconis	9	27 50.17	+ 0.09	+21.75	329 53 47.62	46.025	+ 8.19	− 34.2	16 28 12.01	.....	+68 57 46.8	....
28	ζ Ophiuchi	9	31 44.55	− 0.08	+21.77	49 13 53.72	43.212	+ 8.20	+1 8.8	16 32 6.23	.....	−10 22 57.9	....
29	57 H^1. Camelopardalis s. p.	9	52 37.78	+ 0.19	+21.76	292 49 40.02	45.528	+ 8.26	−2 19.8	4 52 59.73	+ 3.59	+73 56 8.5	−10.2
30	η Ophiuchi	9	4 45.03	− 0.09	+21.70	54 25 50.28	47.350	+ 8.30	+1 23.2	17 5 6.70	.....	−15 36 43.5	....
31	A Ophiuchi (*mean*)	9	9 20.41	− 0.16	+21.76	65 17 51.35	43.572	+ 8.31	+2 9.0	17 9 42.01	.....	−26 28 4.0	....
32	b Ophiuchi	9	20 24.02	− 0.14	+21.76	62 53 52.52	47.818	+ 8.35	+1 56.2	17 20 45.64	.....	−24 5 29.4	....
33	ν^1 Draconis	9	30 1.07	+ 0.10	+21.76	343 37 48.10	43.362	+ 8.37	− 17.4	17 30 22.93	− 1.13	+55 14 30.1	+16.2
34	ο Serpentis	9	35 53.40	− 0.08	+21.76	51 39 51.52	44.840	+ 8.39	+1 15.4	17 36 15.08	− 0.44	−12 49 39.7	+ 2.6
35	μ Herculis	9	42 30.16	+ 0.05	+21.81	11 5 50.48	42.770	+ 8.41	+ 11.7	17 42 51.97	.....	+27 46 12.2	....
36	89 Herculis	9	51 21.18	+ 0.05	+21.80	12 47 49.50	44.288	+ 8.44	+ 13.6	17 51 43.00	.....	+26 3 36.6	....
37	70 Ophiuchi (*brighter*)	9	0 26.93	− 0.02	+21.77	36 19 48.80	44.330	+ 8.47	+ 44.0	18 0 48.68	.....	+ 2 31 6.0	....
38	102 Herculis	9	4 28.01	+ 0.03	+21.77	18 3 52.00	43.568	+ 8.48	+ 19.6	18 4 49.81	− 0.38	+20 47 44.5	+12.2
	April 14, Fk.												
39	Sun I, S	9	28 42.42	+ 0.06	+21.82	29 39 48.82	46.670	+ 8.83	+ 33.4	1 29 4.30	+64.93	+ 9 10 23.2	....
40	Sun II, N	9	30 52.28	+ 0.06	+21.82	29 7 48.48	46.918	+ 8.83	+ 32.7	1 31 14.16	−64.93	+ 9 42 17.6	....
41	Venus I, S	9	29 16.83	+ 0.04	+21.85	14 3 51.65	44.954	+ 8.33	+ 14.5	4 29 38.72	+ 0.76	+24 47 18.4	....
	April 16, M.												
42	Sun I, S	9	36 5.26	+ 0.08	+22.29	28 57 49.68	44.575	+ 6.97	+ 32.7	1 36 27.63	+65.07	+ 9 53 12.8	....
43	Sun II, N	9	38 15.40	+ 0.08	+22.29	28 25 49.02	44.808	+ 6.97	+ 32.0	1 38 37.77	−65.07	+10 25 7.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 11 29	29.87	51.4	50.2
11 53	......	....	50.0
12 19	29.87	50.7	49.2
0 8	29.81	64.7	67.4
13 1 27	29.805	67.7	71.4
4 25	29.785	73.5	75.8
11 43	30.03	59.2	57.8
15 47	30.125	47.3	45.0
16 0	......	....	44.7
16 40	30.155	44.8	42.4
16 51	......	....	42.0
17 0	30.16	44.0	41.7
17 18	......	....	41.0
17 39	30.175	42.6	40.6
17 57	......	....	39.7
18 8	30.185	41.7	39.4
14 1 31	[illegible]	53.5	51.1
4 29	30.22	57.3	57.2
16 1 38	30.165	48.2	46.2

Micrometer bisections are made at II, VI, except as noted below.

9, 12, 41. Bisections at I, II, VI, VII.
10, 39, 42. Bisections at I, II.
11, 40, 43. Bisections at VI, VII.
20. Bisections at II, III, IV, V, VI.
27. Bisections at III, V.
29. Bisections at III, IV, V.

Notes.

6, 25, 26. Observed head north.
12. One microscope reading increased 10″.
21. Faint.
32. Very unsteady.
34, 37. Unsteady.
39, 40. Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+ 5.1	.. ....	− 0.4	+ 4.7
10	+ 4.3	−15 56.8	...	−15 52.5
11	+ 4.4	+15 56.7	...	+16 1.1
12	+ 2.6	+ 10.5	...	+ 13.1
20	+29 12.4	−15 3.8	...	+14 8.6
39	+ 4.3	+15 57.1	...	+16 1.4
40	+ 4.2	−15 57.2	...	−15 53.0
41	+ 2.6	+ 10.6	...	+ 13.2
42	+ 4.2	+15 57.4	...	+16 1.6
43	+ 4.1	−15 57.5	...	−15 53.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus I, S.	9	38 16.84	+ 0.09	+22.31	13 39 48.48	45.494	+ 7.19	+ 14.3	4 38 39.24	+ 0.78	+25 11 10.6	....
2	318 B. Cephei s. P.	9	10 32.37	+ 0.12	+22.37	295 19 48.00	44.727	+ 7.50	−2 4.9	0 10 54.86	+ 4.85	+76 26 12.3	+11.3
3	6 B. Ursæ Minoris	7	14 38.03	+ 0.96	+22.37	310 39 45.32	45.157	+ 7.50	−1 9.1	12 15 1.36	.....	+88 12 44.0	....
4	ρ Virginis	9	36 52.28	+ 0.09	**+22.37**	28 5 49.75	46.578	+ 7.50	+ 32.0	12 37 14.74	.....	+10 44 26.6	....
5	35 Virginis	9	42 48.89	+ 0.08	**+22.38**	34 45 49.90	46.345	+ 7.50	+ 41.5	12 43 11.34	.....	+ 4 4 22.3	....
6	31 Comæ Berenices	8	46 51.80	+ 0.14	**+22.32**	10 47 46.88	47.698	+ 7.50	+ 11.5	12 47 14.31	.....	+28 2 24.4	....
7	43 H. Cephei s. P.	9	55 21.89	− 0.08	+22.37	304 37 46.40	47.133	+ 7.50	−1 26.0	0 55 44.18	.....	+85 45 44.3	....
8	θ Virginis	9	4 49.73	+ 0.04	**+22.40**	43 54	......	....	. ....	13 5 12.15	.....	− 5 2	....
9	43 Comæ Berenices	9	7 13.53	+ 0.14	**+22.42**	10 29 47.88	47.205	+ 7.50	+ 11.2	13 7 36.05	.....	+28 20 34.9	....
10	20 Canum Venaticorum	9	13 4.11	+ 0.17	+22.38	357 47 50.00	45.695	+ 7.50	− 2.2	13 13 26.66	.....	+41 3 20.6	....
11	α Virginis	9	19 59.38	+ 0.02	**+22.42**	49 29 50.00	48.758	+ 7.50	+1 10.1	13 20 21.78	.....	−10 41 1.5	....
12	73 Virginis	9	26 43.83	− 0.01	+22.38	57 5 49.52	43.608	+ 7.50	+1 32.4	13 27 6.20	− 1.14	−18 15 25.6	+ 6.0
	April 16, Fk.												
13	Moon N	.	.. ..	....	.....	47 35 49.65	45.877	+ 8.07	+1 5.7	.. ..	.....	− 8 45 54.8	....
14	Moon II, S.	9	11 0.81	+ 0.04	+22.31	48 5 49.65	49.615	+ 8.07	+1 6.9	14 11 23.16	−64.93	− 9 17 14.0	....
15	β^1 Scorpii	8	59 43.78	− 0.01	**+22.29**	58 21 50.40	48.208	+ 8.14	+1 37.8	16 0 6.09	.....	−19 33 17.7	....
16	87 B. Draconis	9	5 44.32	+ 0.29	+22.32	330 47 46.82	48.230	+ 8.16	− 33.5	16 6 6.93	.....	+68 2 56.6	....
17	σ^2 Coronæ Borealis	9	10 52.68	+ 0.18	+22.32	4 45 47.45	45.648	+ 8.18	+ 5.1	16 11 15.18	.....	+34 5 16.3	....
18	σ Serpentis	9	17 3.19	+ 0.08	+22.32	37 35 49.23	45.665	+ 8.20	+ 46.5	16 17 25.59	− 0.84	+ 1 14 32.8	+ 6.0
19	*N* Scorpii	9	25 0.81	− 0.10	+22.32	73 17 50.08	46.308	+ 8.22	+3 19.5	16 25 23.03	− 0.99	−34 30 15.6	− 2.0
20	τ Scorpii	9	29 47.83	− 0.06	+22.33	66 49 49.02	47.010	+ 8.24	+2 20.6	16 30 10.10	.....	−28 1 31.8	....
21	κ Ophiuchi	9	52 57.14	+ 0.10	**+22.29**	29 19 47.40	45.352	+ 8.31	+ 34.0	16 53 19.57	.....	+ 9 30 54.2	....
22	19 H. Camelopardalis s. P.	8	6 55.25	+ 0.02	+22.33	298 1 47.18	43.207	+ 8.35	−1 52.7	5 7 17.60	.....	+79 7 49.8	....
23	δ Herculis	9	10 53.47	+ 0.15	**+22.30**	13 53 46.98	46.965	+ 8.36	+ 15.0	17 11 15.95	.....	+24 56 36.6	....
24	*d* Ophiuchi	9	21 7.12	− 0.08	+22.33	68 35 48.82	45.200	+ 8.39	+2 33.5	17 21 29.37	.....	−29 47 3.2	....
25	α Ophiuchi	9	30 17.94	+ 0.11	**+22.37**	26 13 47.65	44.180	+ 8.42	+ 29.8	17 30 40.38	.....	+12 37 24.8	....
26	ι Herculis	9	36 30.47	+ 0.21	+22.33	352 47 45.75	46.945	+ 8.44	− 7.6	17 36 53.01	.....	+46 3 0.8	....
27	μ Herculis	9	42 29.58	+ 0.16	**+22.36**	11 5 46.60	42.918	+ 8.46	+ 11.9	17 42 52.08	.....	+27 46 12.5	....
28	ξ Draconis	4	51 34.88	+ 0.24	+22.34	341 59 46.25	42.528	+ 8.49	− 19.6	17 51 57.46	.....	+56 52 52.1	....
29	γ Draconis	9	54 6.56	+ 0.23	+22.34	347 21 45.65	45.672	+ 8.49	− 13.5	17 54 29.13	.....	+51 29 35.8	....
30	70 Ophiuchi (*brighter*)	9	0 26.31	+ 0.08	+22.34	36 19 48.68	44.310	+ 8.52	+ 44.5	18 0 48.73	.....	+ 2 31 6.0	....
31	102 Herculis	9	4 27.42	+ 0.14	+22.34	18 3 47.02	43.792	+ 8.53	+ 19.8	18 4 49.90	− 0.47	+20 47 44.1	+11.9
32	η Serpentis	9	16 10.90	+ 0.06	**+22.31**	41 46	......	....	. ....	18 16 33.30	.....	− 2 55	....
33	109 Herculis	9	19 24.58	+ 0.14	**+22.34**	17 7 48.18	44.642	+ 8.57	+ 18.7	18 19 47.06	.....	+21 43 24.6	....
34	Mercury II, N.	8	31 27.51	+ 0.14	+22.38	38 3 49.10	46.464	+ 7.89	+ 46.1	0 31 50.03	− 0.18	+ 0 46 15.4	....
	April 17, Fk.												
35	Sun I, N	9	39 47.18	+ 0.17	+22.39	28 3 50.60	46.908	+ 7.97	+ 31.2	1 40 9.74	+65.17	+10 46 19.0	....
36	Sun II, S.	9	41 57.52	+ 0.17	+22.39	28 35 49.80	46.708	+ 7.97	+ 31.9	1 42 20.08	−65.17	+10 14 22.7	....
37	Venus I, S.	9	42 46.06	+ 0.18	+22.42	13 27 49.22	47.940	+ 7.41	+ 13.9	4 43 8.66	+ 0.79	+25 22 14.1	....
	April 17, P.												
38	Moon N.	.	.. ..	....	.....	52 29 49.82	45.247	+ 7.30	+1 16.9	.. ..	.....	−13 39 50.8	....
39	Moon II, S.	9	3 13.56	+ 0.06	+22.51	53 1 48.18	44.555	+ 7.30	+1 18.4	15 3 36.13	−66.73	−14 11 28.6	....
40	γ Serpentis	9	51 50.61	+ 0.10	**+22.49**	22 54	......	....	. ....	15 52 13.23	.....	+15 57	....
41	ε Coronæ Borealis	9	53 25.12	+ 0.13	**+22.52**	11 41 47.00	47.518	+ 7.40	+ 12.3	15 53 47.77	.....	+27 8 27.6	....
42	β^1 Scorpii	9	59 43.62	+ 0.01	**+22.45**	58 21 49.82	48.430	+ 7.44	+1 35.8	16 0 6.15	.....	−19 33 19.4	....
43	87 B. Draconis	9	5 44.38	+ 0.15	+22.52	330 47 46.05	48.270	+ 7.47	− 32.8	16 6 7.05	.....	+68 2 56.4	....
44	σ Serpentis	9	17 3.07	+ 0.07	+22.52	37 35 50.78	45.652	+ 7.53	+ 45.5	16 17 25.66	− 0.86	+ 1 14 33.2	+ 5.9
45	τ Scorpii	9	29 47.70	− 0.04	+22.52	66 49 50.25	47.199	+ 7.61	+2 17.5	16 30 10.18	.....	−28 1 33.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 4 38	30.17	50.3	50.2
12 7	30.19	42.3	41.0
12 40	......	....	40.0
13 11	......	....	39.6
13 23	30.19	39.9	39.2
14 11	30.20	39.8	38.7
15 52	30.185	37.0	36.0
16 22	......	....	35.3
16 42	30.18	36.3	35.2
17 0	......	....	34.8
17 17	30.18	36.0	34.7
17 46	......	....	34.2
18 8	30.185	35.3	34.0
0 33	30.24	50.8	48.8
17 1 42	30.215	52.0	51.9
4 44	30.135	54.7	55.0
14 57	......	....	42.8
15 3	29.99	44.0	42.8
15 50	29.97	43.5	42.5
16 10	......	....	42.2
16 32	......	....	42.2

Micrometer bisections are made at II, VI, except as noted below.

1, 34, 37, 45.	Bisections at I, II, VI, VII.
2, 7, 22.	Bisections at III, IV, V.
3.	Bisections at b_5, b_7, b_9.
13, 38.	Bisections at I, II, III.
14, 36.	Bisections at VI, VII.
16, 43.	Bisections at III, V.
28.	Bisections at V, V½.
35.	Bisections at I, II.
39.	Bisections at V, VI, VII.

Notes.

26. Observed head north.
30. Assumed that brighter was observed.
45. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 2.6	+ 10.8	...	+ 13.4
13	+41 50.6	−15 29.4	...	+26 21.2
14	+42 11.6	+15 29.4	− 0.6	+57 40.4
34	+ 4.5	− 2.8	...	+ 1.7
35	+ 4.1	−15 58.1	...	−15 54.0
36	+ 4.2	+15 58.1	...	+16 2.3
37	+ 2.6	+ 10.9	...	+ 13.5
38	+45 23.7	−15 40.4	+ 0.4	+29 43.7
39	+45 41.1	+15 40.4	...	+61 21.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	κ Ophiuchi	9	52 56.90	+ 0.09	**+22.56**	29 19 48.58	45.375	+ 7.75	+ 33.2	16 53 19.52	.....	+ 9 30 53.8	....
2	19 H. Camelopardalis S. P.	9	6 54.65	+ 0.32	+22.53	298 1 51.62	42.882	+ 7.83	−1 50.1	5 7 17.50	.....	+79 7 48.8	....
3	δ Herculis	9	10 53.26	+ 0.12	**+22.56**	13 53 49.10	46.898	+ 7.85	+ 14.7	17 11 15.91	.....	+24 56 36.9	....
4	α Ophiuchi	9	30 17.79	+ 0.10	**+22.56**	26 14	......	....	. ....	17 30 40.42	.....	+12 37	....
5	ι Herculis	9	36 30.36	+ 0.15	+22.53	352 47 48.22	46.885	+ 8.00	− 7.4	17 36 53.04	.....	+46 2 59.9	....
	April 19, M.												
6	γ Serpentis	9	51 50.17	+ 0.05	**+23.02**	22 54	......	....	. ....	15 52 13.22	.....	+15 57	....
7	ε Coronæ Borealis	9	53 24.76	+ 0.09	**+22.96**	11 41 47.68	47.480	+ 8.26	+ 12.0	15 53 47.85	.....	+27 8 27.3	....
8	β^1 Scorpii	9	59 43.24	− 0.09	**+22.97**	58 21 49.25	48.512	+ 8.26	+1 33.8	16 0 6.15	.....	−19 33 19.7	....
9	87 B. Draconis	9	5 43.91	+ 0.21	+23.00	330 47 47.82	48.105	+ 8.26	− 32.2	16 6 7.12	.....	+68 2 57.0	....
10	σ Serpentis	9	17 2.64	0.00	+23.01	37 35 50.95	45.675	+ 8.26	+ 44.6	16 17 25.65	− 0.90	+ 1 14 32.7	+ 5.8
11	N Scorpii	9	25 0.38	− 0.20	+23.01	73 17 51.10	46.647	+ 8.26	+3 11.4	16 25 23.19	− 1.07	−34 30 16.2	− 1.8
12	σ Herculis	9	30 46.34	+ 0.13	+23.01	356 13 48.10	45.750	+ 8.26	− 3.7	16 31 9.48	.....	+42 37 22.0	....
13	Moon II, S	9	56 54.47	− 0.10	+23.01	60 37 50.50	46.925	+ 8.26	+1 43.0	16 57 17.38	−70.89	−21 48 53.8	....
14	η Ophiuchi	9	4 43.85	− 0.07	**+23.02**	54 25 49.75	47.555	+ 8.26	+1 21.1	17 5 6.79	.....	−15 36 45.5	....
15	A Ophiuchi (*south*)	5	9 19.15	− 0.14	+23.01	65 17 49.88	43.945	+ 8.26	+2 5.7	17 9 42.02	.....	−26 28 7.5	....
16	A Ophiuchi (*north*)	5	9 19.27	− 0.14	+23.01	65 17 49.88	43.695	+ 8.26	+2 5.7	17 9 42.14	.....	−26 28 2.1	....
17	d Ophiuchi	9	21 6.59	− 0.16	+23.02	68 35 49.58	45.427	+ 8.26	+2 27.3	17 21 29.45	.....	−29 47 2.9	....
18	α Ophiuchi	9	30 17.44	+ 0.04	**+23.02**	26 13 48.35	44.240	+ 8.26	+ 28.6	17 30 40.50	.....	+12 37 24.1	....
19	ν Serpentis	9	35 52.26	− 0.05	+23.02	51 39 49.95	45.022	+ 8.26	+1 13.3	17 36 15.23	− 0.61	−12 49 40.0	+ 2.3
20	μ Herculis	9	42 29.11	+ 0.08	**+22.99**	11 5 47.72	42.862	+ 8.26	+ 11.4	17 42 52.21	.....	+27 46 13.3	....
21	89 Herculis	9	51 20.03	+ 0.07	**+23.10**	12 48	......	....	. ....	17 51 43.12	.....	+26 3	....
22	γ Draconis	9	54 6.12	+ 0.12	+23.02	347 21 47.38	45.385	+ 8.26	− 12.9	17 54 29.26	.....	+51 29 40.2	....
23	70 Ophiuchi (*brighter*)	9	0 25.79	+ 0.01	+23.02	36 19 49.12	44.370	+ 8.26	+ 42.7	18 0 48.82	.....	+ 2 31 6.3	....
24	102 Herculis	9	4 26.90	+ 0.05	+23.02	18 3 48.32	43.765	+ 8.26	+ 19.0	18 4 49.97	− 0.55	+20 47 44.5	+11.4
25	Mercury C, C	9	50 11.60	+ 0.02	+23.08	35 53 49.08	45.119	+ 8.55	+ 39.9	0 50 34.70	− 0.03	+ 2 56 51.7	....
	April 20, M.												
26	Sun I, N	9	50 55.54	+ 0.04	+23.09	27 1 51.98	46.032	+ 8.20	+ 27.9	1 51 18.67	+65.25	+11 48 40.7	....
27	Sun II, S	9	53 6.04	+ 0.04	+23.09	27 33 50.50	45.645	+ 8.20	+ 28.6	1 53 29.17	−65.25	+11 16 49.4	....
28	Venus I, S	9	56 9.04	− 0.01	+23.12	12 59 51.40	43.480	+ 7.11	+ 12.5	4 56 32.15	+ 0.83	+25 51 55.6	....
29	2 Canum Venaticorum	9	11 9.09	+ 0.08	+23.18	357 41 46.08	43.300	+ 7.60	− 2.2	12 11 32.35	.....	+41 10 19.3	....
30	6 B. Ursæ Minoris	6	14 35.88	+ 0.15	+23.18	310 39 43.18	45.060	+ 7.60	−1 5.8	12 14 59.21	.....	+88 12 45.0	....
31	ρ Virginis	8	36 51.49	0.00	**+23.25**	28 5 46.72	46.725	+ 7.60	+ 30.4	12 37 14.68	.....	+10 44 27.6	....
32	35 Virginis	9	42 48.13	− 0.02	**+23.24**	34 45 45.25	46.620	+ 7.60	+ 39.6	12 43 11.30	.....	+ 4 4 22.5	....
33	31 Comæ Berenices	9	46 51.02	+ 0.05	**+23.19**	10 47 45.38	47.750	+ 7.60	+ 10.9	12 47 14.26	.....	+28 2 25.3	....
34	43 H. Cephei S. P.	9	55 21.94	+ 0.20	+23.19	304 37 41.35	47.133	+ 7.60	−1 22.2	0 55 45.33	.....	+85 45 43.1	....
35	θ Virginis	9	4 49.05	− 0.06	**+23.19**	43 53 47.60	44.232	+ 7.60	+ 55.0	13 5 12.18	.....	− 5 3 0.7	....
36	36 H. Cassiopeiæ S. P.	9	28 48.14	+ 0.24	+23.20	291 17 45.70	47.700	+ 7.60	−2 25.9	2 29 11.58	.....	+72 24 57.0	....
37	c^1 Centauri	9	37 39.97	− 0.24	+23.20	73 33 46.05	48.095	+ 7.60	+3 13.7	14 38 2.93	− 1.38	−34 46 45.9	+ 2.9
38	109 Virginis	9	41 13.74	− 0.03	**+23.21**	36 33 44.42	45.692	+ 7.60	+ 42.8	14 41 36.92	.....	+ 2 16 41.3	....
39	8 Libræ	7	45 13.82	− 0.11	**+23.20**	54 30	......	....	. ....	14 45 36.92	.....	−15 37	....
40	α Libræ	5	45 25.22	− 0.11	**+23.24**	54 30	......	....	. ....	14 45 48.32	.....	−15 39	....
41	ξ^1 Libræ	9	49 1.01	− 0.09	+23.21	50 21 43.55	45.038	+ 7.60	+1 9.6	14 49 24.13	− 1.12	−11 31 29.6	+ 4.6
	April 20, P.												
42	τ Herculis	9	16 36.82	+ 0.08	+23.16	352 19 51.95	44.825	+ 8.13	− 7.7	16 17 0.06	.....	+46 31 43.4	....
43	α Scorpii	7	23 23.88	− 0.14	+23.16	65 1 51.10	48.150	+ 8.17	+2 4.3	16 23 46.90	.....	−26 13 43.5	....
44	ζ Ophiuchi	9	31 43.31	− 0.05	**+23.14**	49 13 51.50	43.370	+ 8.21	+1 7.2	16 32 6.42	.....	−10 22 57.7	....
45	κ Ophiuchi	9	52 56.42	+ 0.02	**+23.18**	29 19 50.70	45.225	+ 8.33	+ 32.7	16 53 19.60	.....	+ 9 30 55.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 16 51	29.95	43.2	42.2
17 13	......	....	42.1
17 37	......	....	42.8
17 43	29.925	43.5	....
19 15 48	[illegible]	48.1	47.4
16 3	......	....	46.3
16 28	29.585	46.7	45.3
17 0	......	....	44.4
17 38	29.58	46.2	45.0
18 9	29.57	45.4	44.3
0 50	29.37	64.1	66.1
20 1 53	[illegible]	66.1	70.5
4 56	[illegible]	74.0	76.8
12 6	[illegible]	56.7	55.1
12 40	......	....	53.0
13 8	29.57	53.3	51.4
14 33	29.58	50.2	48.1
14 55	29.59	49.2	47.0
16 14	29.60	46.8	45.0
16 37	......	....	45.0
16 51	......	....	44.9

Micrometer bisections are made at II, VI, except as noted below.

2, 34, 36.	Bisections at III, IV, V.
8, 16, 27, 31.	Bisections at VI, VII.
9.	Bisections at III, V.
11, 37.	Bisections at I, II, VI.
13.	Bisections at II, III, IV, V, VI.
15, 26, 33.	Bisections at I, II.
17.	Bisections at II, VI, VII.
25, 28, 43.	Bisections at I, II, VI, VII.
29.	Bisections at II, IV.
30.	Bisections at b_5, b_7, b_9.

Notes.

3–5. Clouds.
17. Poor.
29, 30. High wind.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
13	+50 42.3	+15 54.8	...	+66 37.1
25	+ 4.2	.. ....	− 0.2	+ 4.0
26	+ 4.0	−15 55.7	...	−15 51.7
27	+ 4.0	+15 55.6	...	+15 59.6
28	+ 2.6	+ 11.2	...	+ 13.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	η Ophiuchi	9	4 43.72	− 0.06	**+23.17**	54 25 50.22	47.458	+ 8.39	+1 21.2	17 5 6.83	.....	−15 36 44.0	....
2	A Ophiuchi (*south*)	5	9 19.09	− 0.12	+23.17	65 17 52.38	43.770	+ 8.42	+2 5.8	17 9 42.14	.....	−26 28 6.2	....
3	A Ophiuchi (*north*)	5	9 19.27	− 0.12	+23.17	65 17 52.38	43.520	+ 8.42	+2 5.8	17 9 42.32	.....	−26 28 0.9	....
4	b Ophiuchi	9	20 22.77	− 0.09	+23.17	62 53 52.60	47.907	+ 8.48	+1 53.4	17 20 45.85	.....	−24 5 28.8	....
5	α Ophiuchi	9	30 17.36	+ 0.05	**+23.11**	26 14	......	....	. ....	17 30 40.58	.....	+12 37	....
6	ξ Serpentis	9	31 56.64	− 0.04	**+23.13**	54 9 50.35	46.908	+ 8.54	+1 20.5	17 32 19.77	.....	−15 20 31.0	....
7	β Ophiuchi	9	38 33.13	+ 0.03	**+23.15**	34 13 49.65	46.900	+ 8.58	+ 39.6	17 38 56.33	.....	+ 4 36 10.7	....
8	μ Herculis	9	42 28.98	+ 0.08	**+23.15**	11 5 48.18	42.770	+ 8.60	+ 11.5	17 42 52.23	.....	+27 46 14.6	....
9	35 Draconis	9	53 14.31	+ 0.11	+23.17	321 53 48.55	45.248	+ 8.66	− 45.5	17 53 37.59	.....	+76 58 14.4	....
	April 20, M.												
10	Moon N	.	.. ..	....	.....	62 9 53.10	46.392	+ 8.67	+1 50.0	.. ..	.....	−23 20 52.4	....
11	Moon II, S	9	58 17.51	− 0.06	+23.23	62 41 53.72	47.022	+ 8.67	+1 52.4	17 58 40.68	−72.47	−23 53 8.1	....
	April 20, P.												
12	24 Ursæ Minoris	9	4 40.44	− 0.06	+23.17	311 51 49.35	48.175	+ 8.72	−1 4.6	18 5 3.55	−14.22	+86 59 25.5	+15.6
13	Mercury II, C	8	56 38.75	+ 0.08	+23.23	35 7 50.72	46.664	+ 9.05	+ 40.7	0 57 2.06	− 0.18	+ 3 42 13.5	....
	April 21, P.												
14	Sun I, S	9	54 39.19	+ 0.09	+23.24	27 13 49.55	44.485	+ 9.05	+ 29.7	1 55 2.52	+65.41	+11 37 15.8	....
15	Sun II, N	9	56 50.01	+ 0.09	+23.24	26 41 49.28	44.798	+ 9.05	+ 29.0	1 57 13.34	−65.41	+12 9 8.7	....
16	Venus I, S	9	0 34.74	+ 0.11	+23.27	12 49 51.02	46.788	+ 8.83	+ 13.0	5 0 58.12	+ 0.84	+26 0 38.1	....
17	5 B. Ursæ Minoris	9	14 6.39	+ 0.21	+23.34	311 55 54.62	43.855	+ 9.12	−1 4.5	12 14 29.94	−19.33	+86 56 58.5	−10.5
18	323 G. Hydræ	9	21 38.74	− 0.17	+23.34	71 7 53.85	45.171	+ 9.12	+2 49.0	12 22 1.91	− 1.21	−32 19 23.8	+ 9.6
19	ρ Virginis	9	36 51.38	+ 0.02	**+23.34**	28 5 50.25	46.470	+ 9.12	+ 31.1	12 37 14.74	.....	+10 44 27.8	....
20	35 Virginis	9	42 48.06	0.00	**+23.29**	34 45 51.30	46.210	+ 9.12	+ 40.4	12 43 11.40	.....	+ 4 4 23.5	....
21	31 Comæ Berenices	9	46 50.96	+ 0.06	**+23.24**	10 47 50.25	47.410	+ 9.12	+ 11.2	12 47 14.36	.....	+28 2 26.2	....
22	ε Virginis	9	57 13.56	+ 0.02	**+23.33**	27 23 49.88	44.830	+ 9.12	+ 30.2	12 57 36.92	.....	+11 27 6.6	....
23	θ Virginis	9	4 48.88	− 0.03	**+23.33**	43 53 49.52	44.020	+ 9.12	+ 56.0	13 5 12.19	.....	− 5 3 0.3	....
24	d Boötis	9	5 50.03	+ 0.05	**+23.42**	13 19 52.18	44.290	+ 9.08	+ 13.8	14 6 13.43	.....	+25 31 33.0	....
25	α Boötis	9	11 5.75	+ 0.03	**+23.32**	19 11 50.95	44.092	+ 9.08	+ 20.3	14 11 29.13	.....	+19 39 32.3	...
26	λ Virginis	9	13 45.71	− 0.06	**+23.27**	51 47 53.40	43.028	+ 9.08	+1 13.9	14 14 9.00	.....	−12 56 59.4	....
27	52 Hydræ	9	22 25.10	− 0.16	+23.35	67 53 51.78	44.905	+ 9.08	+2 22.5	14 22 48.29	− 1.31	−29 4 49.1	+ 4.2
28	γ Boötis	9	28 0.56	+ 0.08	+23.35	0 7 49.50	47.718	+ 9.08	+ 0.2	14 28 23.99	.....	+38 42 30.9	....
29	ζ Boötis (*mean*)	9	36 23.10	+ 0.02	+23.36	24 43 50.32	44.635	+ 9.08	+ 26.8	14 36 46.48	.....	+14 7 14.0	....
30	μ Libræ (*brighter*)	9	43 54.39	− 0.07	+23.36	52 35 49.75	45.900	+ 9.08	+1 16.0	14 44 17.68	− 1.14	−13 46 3.3	+ 4.6
31	ξ^1 Libræ	9	49 0.89	− 0.06	+23.36	50 21 50.82	44.680	+ 9.08	+1 10.2	14 49 24.19	− 1.14	−11 31 30.8	+ 4.7
	April 21, Fk.												
32	γ Serpentis	9	51 49.86	+ 0.02	**+23.39**	22 54	......	....	. ....	15 52 13.24	.....	+15 57	....
33	ν Scorpii (*mean*)	8	6 16.51	− 0.10	**+23.37**	58 3 51.65	43.318	+ 8.46	+1 33.4	16 6 39.76	.....	−19 13 23.1	....
34	τ Herculis	9	16 36.51	+ 0.09	+23.35	352 19 51.22	44.802	+ 8.46	− 7.8	16 16 59.95	.....	+46 31 44.4	....
35	α Scorpii	9	23 23.73	− 0.14	+23.35	65 1 51.48	48.130	+ 8.46	+2 5.2	16 23 46.94	.....	−26 13 44.6	....
36	κ Ophiuchi	9	52 56.25	+ 0.01	**+23.38**	29 19 50.95	45.208	+ 8.46	+ 32.9	16 53 19.62	.....	+ 9 30 54.8	....
37	η Ophiuchi	9	4 43.58	− 0.08	**+23.35**	54 25 50.95	47.400	+ 8.46	+1 22.0	17 5 6.86	.....	−15 36 44.3	....
38	A Ophiuchi (*south*)	5	9 18.89	− 0.14	+23.36	65 17 51.62	43.738	+ 8.46	+2 7.2	17 9 42.11	.....	−26 28 6.2	....
39	A Ophiuchi (*north*)	5	9 18.96	− 0.14	+23.36	65 17 51.62	43.578	+ 8.46	+2 7.2	17 9 42.18	.....	−26 28 2.9	....
40	ρ Herculis (*fol.*)	9	20 8.02	+ 0.07	+23.36	1 37 50.90	44.858	+ 8.46	+ 1.7	17 20 31.45	− 0.99	+37 13 34.0	+12.6
41	α Ophiuchi	9	30 17.12	+ 0.01	**+23.42**	26 14	......	....	. ....	17 30 40.49	.....	+12 37	....
42	ξ Serpentis	9	31 56.49	− 0.08	**+23.34**	54 9 49.58	46.898	+ 8.46	+1 21.4	17 32 19.77	.....	−15 20 30.8	....
43	β Ophiuchi	9	38 32.92	− 0.01	**+23.42**	34 13 49.60	46.895	+ 8.46	+ 40.1	17 38 56.28	.....	+ 4 36 10.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 17 24	29.635	46.0	44.5
17 33	......	....	44.0
17 47	29.64	45.5	44.0
18 10	29.66	45.2	44.0
0 57	[illegible]	51.1	50.0
21 1 57	29.82	52.3	51.3
5 1	29.80	58.1	57.9
12 9	29.87	47.2	47.9
12 26	......	....	48.0
12 50	......	....	48.0
13 6	29.885	47.0	47.8
14 4	29.89	47.2	48.5
14 10	......	....	48.2
14 32	......	....	49.0
14 40	......	....	48.7
14 51	29.89	47.0	48.1
16 3	29.89	47.0	47.0
16 28	29.90	46.3	46.0
16 49	29.90	45.7	45.7
17 16	29.905	44.7	43.4
17 36	......	....	43.0

Micrometer bisections are made at II, VI, except as noted below.

2, 14, 38.	Bisections at I, II.
3, 15, 39.	Bisections at VI, VII.
4, 30.	Bisections at I, II, VI.
9.	Bisections at III, V.
10.	Bisections at I, II, III.
11.	Bisections at V½, VI, VII.
12.	Bisections at b_1, b_3, b_5, b_8, b_9.
13, 16, 18, 27, 31.	Bisections at I, II, VI, VII.
17.	Bisections at b_1, b_3, b_5, b_7, b_9.
26.	Bisections at II, VI, VII.

Notes.

2. Micrometer reading decreased 2 rev.
30. Assumed that brighter was observed as directed on observing list.
34. Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+51 46.3	−16 0.1	...	+35 46.2
11	+52 1.8	+16 0.1	0.0	+68 1.9
13	+ 4.1	.. ....	− 0.2	+ 3.9
14	+ 4.0	+15 56.4	...	+16 0.4
15	+ 3.9	−15 56.4	...	−15 52.5
16	+ 2.6	+ 11.3	...	+ 13.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Herculis	9	42 28.76	+ 0.05	**+23.42**	11 5 50.35	42.682	+ 8.46	+ 11.6	17 42 52.18	.....	+27 46 14.4	....
2	35 Draconis	9	53 13.78	+ 0.13	+23.37	321 53 48.88	45.250	+ 8.46	− 46.1	17 53 37.28	.....	+76 58 14.9	....
3	102 Herculis	9	4 26.56	+ 0.03	+23.37	18 3 52.12	43.542	+ 8.46	+ 19.3	18 4 49.96	− 0.60	+20 47 45.3	+11.1
4	Moon II	9	1 30.59	− 0.12	+23.38	63 0	......	....	.....	19 1 53.85	−73.19	.. ..	....
5	Mercury II, N	9	3 11.72	+ 0.01	+23.42	34 21 51.18	46.349	+ 7.52	+ 38.7	1 3 35.15	− 0.18	+ 4 28 23.7	....
	April 22, Fk.												
6	Sun I, N	9	58 23.31	+ 0.04	+23.43	26 21 51.82	44.085	+ 7.70	+ 27.9	1 58 46.78	+65.36	+12 29 25.9	....
7	Sun II, S	9	0 34.02	+ 0.04	+23.43	26 53 52.18	43.850	+ 7.70	+ 28.5	2 0 57.49	−65.35	+11 57 29.3	....
8	Venus I, S	9	4 59.66	+ 0.04	+23.46	12 41 50.25	46.595	+ 6.71	+ 12.5	5 5 23.16	+ 0.85	+26 8 45.9	....
9	2 Canum Venaticorum	9	11 8.79	+ 0.03	+23.51	357 41 51.48	43.075	+ 6.19	− 2.2	12 11 32.33	.....	+41 10 20.3	....
10	15 Comæ Berenices	9	21 58.85	0.00	+23.51	10 3 50.80	46.728	+ 6.19	+ 10.1	12 22 22.36	− 1.08	+28 46 45.3	+ 0.4
11	ρ Virginis	9	36 51.28	− 0.06	**+23.52**	28 5 51.55	46.595	+ 6.19	+ 30.2	12 37 14.73	.....	+10 44 27.5	....
12	35 Virginis	9	42 47.88	− 0.08	**+23.55**	34 45 50.05	46.485	+ 6.19	+ 39.2	12 43 11.32	.....	+ 4 4 22.6	....
13	31 Comæ Berenices	9	46 50.77	0.00	**+23.49**	10 47 49.75	47.592	+ 6.19	+ 10.8	12 47 14.29	.....	+28 2 25.9	....
14	θ Virginis	9	4 48.82	− 0.11	**+23.48**	43 54	......	....	.....	13 5 12.23	.....	− 5 3	....
15	43 Comæ Berenices	8	7 12.53	0.00	**+23.56**	10 29 49.52	47.155	+ 6.19	+ 10.5	13 7 36.05	.....	+28 20 36.4	....
16	α Ursæ Minoris s. p.	9	24 39.22	+ 0.75	+23.52	307 41 53.30	44.047	+ 6.19	−1 12.8	1 25 3.49	.....	+88 48 51.5	....
17	f Boötis	9	21 48.31	− 0.03	**+23.53**	19 11 52.18	47.490	+ 6.24	+ 19.8	14 22 11.81	.....	+19 38 16.8	....
18	c¹ Centauri	9	37 39.83	− 0.29	+23.53	73 33 50.45	48.081	+ 6.24	+3 10.2	14 38 3.07	− 1.41	−34 46 45.2	+ 3.3
19	109 Virginis	9	41 13.50	− 0.08	**+23.53**	36 33 49.45	45.560	+ 6.24	+ 42.0	14 41 36.95	.....	+ 2 16 41.5	....
20	α Libræ	9	45 25.04	− 0.16	**+23.50**	54 29 50.28	44.928	+ 6.24	+1 19.3	14 45 48.41	.....	−15 39 42.2	....
21	ξ Libræ	9	49 0.89	− 0.13	+23.53	50 21 53.65	44.760	+ 6.24	+1 8.3	14 49 24.29	− 1.14	−11 31 30.7	+ 4.7
22	ψ Boötis	9	0 7.93	− 0.01	**+23.56**	11 31 52.30	47.962	+ 6.24	+ 11.6	15 0 31.46	.....	+27 18 14.0	....
23	57 B. Ursæ Minoris	9	6 44.78	− 0.42	+23.54	311 17 46.98	43.728	+ 6.24	−1 4.2	15 7 7.90	.....	+87 35 11.3	....
	April 30, P.												
24	δ Herculis	9	10 51.37	− 0.32	**+25.19**	345 58	......	....	.....	17 11 16.22	.....	+24 56	....
25	u Herculis	9	13 32.01	− 0.33	+25.17	354 13 55.28	42.595	− 3.16	− 5.8	17 13 56.85	− 1.18	+33 11 47.5	+10.2
26	b Ophiuchi	9	20 21.37	− 0.49	+25.17	296 57 49.78	44.232	− 3.16	−1 53.6	17 20 46.05	.....	−24 5 28.2	....
27	λ Herculis	9	26 37.46	− 0.32	+25.17	347 11 54.92	45.162	− 3.16	− 13.2	17 27 2.31	− 1.05	+26 10 38.2	+ 9.8
28	ξ Serpentis	8	31 55.34	− 0.42	**+25.07**	305 42	......	....	.....	17 32 20.09	.....	−15 20	....
29	β Ophiuchi	9	38 31.70	− 0.34	**+25.20**	325 37 53.28	45.358	− 3.16	− 39.7	17 38 56.53	.....	+ 4 36 14.8	....
30	γ Ophiuchi	9	42 52.86	− 0.34	+25.17	323 45 52.68	45.987	− 3.16	− 42.6	17 43 17.69	− 0.86	+ 2 44 25.8	+ 5.6
31	168 H¹. Herculis	9	48 41.48	− 0.36	+25.17	1 1 56.22	42.692	− 3.16	+ 1.1	17 49 6.29	− 1.15	+39 59 57.4	+12.4
32	δ Ursæ Minoris	9	1 52.89	− 5.78	+25.17	47 35 56.30	47.000	− 3.16	+1 3.9	18 2 12.28	.....	+86 36 38.6	....
33	η Serpentis	9	16 8.88	− 0.36	**+25.14**	318 6	......	....	.....	18 16 33.70	.....	− 2 55	....
34	109 Herculis	9	19 22.59	− 0.32	**+25.19**	342 44	......	....	.....	18 19 47.45	.....	+21 43	....
35	φ Draconis	9	21 43.04	− 0.94	+25.18	32 17 56.28	44.172	− 3.16	+ 36.9	18 22 7.28	− 2.52	+71 17 7.2	+15.6
36	3 H. Scuti	9	29 47.95	− 0.38	**+25.14**	312 44	......	....	.....	18 30 12.75	.....	− 8 18	....
37	29 H¹. Sagittarii	9	33 0.21	− 0.46	+25.18	299 53 50.22	48.397	− 3.16	−1 40.8	18 33 24.93	− 0.67	−21 7 39.7	− 1.0
38	4 H. Scuti	9	36 49.99	− 0.39	**+25.28**	311 53 50.50	44.668	− 3.16	−1 4.8	18 37 14.78	.....	− 9 8 28.8	....
39	5 H. Scuti	9	41 53.42	− 0.37	+25.18	316 11 52.55	43.288	− 3.16	− 55.8	18 42 18.23	− 0.60	− 4 50 49.3	+ 3.8
40	o Draconis	9	49 27.40	− 0.55	+25.18	20 17 57.60	42.652	− 3.16	+ 21.6	18 49 52.03	.....	+59 16 18.6	....
	May 1, P.												
41	Sun I, N	9	32 22.39	− 0.35	+25.25	336 23 52.82	44.162	− 3.32	− 24.9	2 32 47.29	+66.17	+15 22 2.1	....
42	Sun II, S	9	34 34.73	− 0.35	+25.25	335 51 53.28	44.795	− 3.32	− 25.5	2 34 59.63	−66.17	+14 50 15.5	....
43	Venus I	9	43 38.67	− 0.32	+25.28	347 58	......	....	.....	5 44 3.63	+ 0.94	.. ..	....
44	318 B. Cephei s. p.	9	10 28.67	+ 1.89	+25.34	64 31 57.18	47.770	− 3.42	+2 1.2	0 10 55.90	+ 3.97	+76 26 5.4	+14.6
45	c Virginis	9	15 16.50	− 0.33	+25.34	324 51 52.38	43.342	− 3.42	− 40.6	12 15 41.51	− 0.90	+ 3 49 26.7	+ 4.6
46	6 Canum Venaticorum	9	20 55.44	− 0.39	+25.34	0 31 54.80	47.742	− 3.42	+ 0.6	12 21 20.39	− 1.17	+39 31 50.8	− 3.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
21 17 49	29.915	43.7	42.1
18 8	29.92	43.5	42.0
0 58	29.96	61.0	63.3
22 2 1	29.92	63.7	66.1
5 1	29.84	69.7*	72.3
12 5	29.78	61.8	62.5
12 26	29.78	62.2	62.0
12 49	......	....	61.5
13 11	29.775	61.4	[illegible]
14 16	29.765	[illegible]	59.5
14 35	......	....	59.3
14 56	29.75	[illegible]	59.1
15 14	......	....	58.4
30 17 9	29.38	42.1	39.9
17 34	......	....	39.1
18 8	29.38	41.1	38.8
18 28	......	....	38.3
18 51	29.385	40.8	38.0
1 2 35	[illegible]	53.2	51.3
12 8	[illegible]	47.8	46.0

Micrometer bisections are made at II, VI, except as noted below.

2, 16, 23, 44. Bisections at III, IV, V.
5, 8, 18, 26. Bisections at I, II, VI, VII.
6, 41. Bisections at I, II.
7, 27, 42. Bisections at VI, VII.
30, 37. Bisections at I, II, VI.
31. Bisections at II, VI, VII.
32. Bisections at b_1, b_3, b_5, b_9.
35, 40. Bisections at III, V.

Notes.

9. Observed head north.
21. Faint.
44. Unsteady.
* Thermometer reading changed from 79°.7 to 69°.7.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 3.9	− 2.7	...	+ 1.2
6	+ 3.9	−15 58.3	...	−15 54.4
7	+ 3.9	+15 58.3	...	+16 2.2
8	+ 2.6	+ 11.4	...	+ 14.0
41	+ 3.5	−15 53.3	...	−15 49.8
42	+ 3.5	+15 53.3	...	+15 56.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Corvi	9	24 42.21	− 0.40	**+25.37**	305 1 50.52	45.918	− 3.42	−1 22.1	12 25 7.15	.....	−16 0 17.7	....
2	β Corvi	9	29 9.33	− 0.44	+25.34	298 9 48.92	44.138	− 3.42	−1 47.4	12 29 34.23	.....	−22 53 25.3	....
3	9 Canum Venaticorum	9	33 57.14	− 0.40	+25.34	2 23 53.95	45.340	− 3.42	+ 2.5	12 34 22.08	− 1.26	+41 22 56.9	− 3.7
4	330 G. Hydræ	9	38 42.49	− 0.48	+25.34	293 13 49.20	45.613	− 3.42	−2 13.7	12 39 7.35	− 1.16	−27 49 17.6	+ 9.7
5	35 Virginis	8	42 46.38	− 0.33	**+25.29**	325 5 52.42	46.005	− 3.42	− 40.3	12 43 11.39	.....	+ 4 4 27.9	....
6	32² H. Camelopardalis	7	48 15.01	− 3.56	+25.34	44 53 58.70	48.065	− 3.42	+ 57.8	12 48 36.79	.....	+83 54 59.1	....
7	θ Virginis	9	4 47.28	− 0.36	**+25.27**	315 57 53.32	48.202	− 3.42	− 55.8	13 5 12.26	.....	− 5 2 56.3	....
8	43 Comæ Berenices	9	7 11.03	− 0.34	**+25.40**	349 21 55.12	45.248	− 3.42	− 10.8	13 7 36.04	.....	+28 20 42.7	....
9	19 Canum Venaticorum	9	11 0.48	− 0.40	+25.35	2 21 55.58	44.175	− 3.42	+ 2.4	13 11 25.43	− 1.41	+41 20 31.8	− 2.0
10	23 Canum Venaticorum	9	15 48.27	− 0.40	+25.35	1 37 55.42	48.235	− 3.42	+ 1.7	13 16 13.22	− 1.41	+40 38 3.7	− 1.7
11	α Virginis	9	19 56.89	− 0.38	**+25.34**	310 21 51.80	43.535	− 3.42	−1 7.9	13 20 21.86	.....	−10 40 56.7	....
12	9 B. Ursæ Minoris	9	23 26.96	− 1.18	+25.35	33 51 56.80	47.188	− 3.42	+ 39.0	13 23 51.13	.....	+72 52 18.5	....
13	81 Ursæ Majoris	9	30 12.46	− 0.56	+25.35	16 49 57.40	45.418	− 3.42	+ 17.6	13 30 37.25	− 1.99	+55 49 17.3	− 3.4
14	ω Cassiopeiæ s. p.	8	35 1.02	+ 1.25	+25.35	73 23 58.00	43.590	− 3.42	+3 12.6	1 35 27.62	.....	+67 34 28.7	....
15	η Ursæ Majoris	9	43 32.02	− 0.47	+25.35	10 45 55.58	48.695	− 3.42	+ 11.1	13 43 56.90	.....	+49 46 23.8	....
16	7 Boötis	9	48 25.34	− 0.33	+25.35	339 23 53.30	46.982	− 3.42	− 21.7	13 48 50.36	− 1.20	+18 23 9.7	+ 2.9
17	47 Hydræ	9	52 57.68	− 0.46	+25.35	296 31 52.38	44.152	− 3.42	−1 55.3	13 53 22.57	− 1.31	−24 31 29.4	+ 6.6
18	94 Virginis	9	1 1.63	− 0.37	+25.35	312 33 52.85	47.782	− 3.42	−1 2.8	14 1 26.61	.....	− 8 27 13.7	....
19	α Boötis	9	11 4.15	− 0.33	**+25.33**	340 41 55.55	42.862	− 3.42	− 20.2	14 11 29.17	.....	+19 39 39.3	....
20	λ Virginis	9	13 44.06	− 0.39	**+25.32**	308 5 52.20	43.820	− 3.42	−1 13.6	14 14 9.02	.....	−12 56 55.5	....
	May 1, Fk.												
21	149 H¹. Cephei s. p.	6	35 43.58	+ 6.78	+25.39	54 37 57.38	45.770	− 3.60	+1 21.6	3 36 15.75	+20.11	+86 21 30.3	− 1.7
22	12 H. Draconis	.	.. ..	.....	.....	23 53 57.70	44.278	− 3.60	+ 25.7	15 45	.....	+62 52 59.2	+ 5.2
23	β¹ Scorpii	.	.. ..	.....	.....	301 29 52.38	43.835	− 3.60	−1 34.1	16 0	.....	−19 33 15.6	....
24	151 H¹. Cephei s. p.	7	6 38.86	+ 5.31	+25.39	55 42	......	....	. ....	4 7 9.56	.....	+85 18	....
25	19 Ursæ Minoris	7	13 7.13	− 1.58	+25.39	37 7 56.75	42.195	− 3.60	+ 43.9	16 13 30.94	.....	+76 6 29.1	....
26	β Herculis	9	25 52.04	− 0.36	**+25.38**	342 41 55.50	47.095	− 3.60	− 18.0	16 26 17.07	.....	+21 41 18.0	....
27	ζ Ophiuchi	9	31 41.60	− 0.39	**+25.42**	310 39 52.30	43.600	− 3.60	−1 7.3	16 32 6.60	.....	−10 22 54.3	....
28	9 Camelopardalis s. p.	9	44 24.28	+ 1.24	+25.39	74 45 57.70	45.974	− 3.60	+3 30.9	4 44 50.91	.....	+66 11 16.3	....
29	κ Ophiuchi	9	52 54.77	− 0.35	**+25.43**	330 33 53.38	41.705	− 3.60	− 32.7	16 53 19.82	.....	+ 9 30 58.0	....
30	157 H¹. Cephei s. p.	7	58 16.71	+ 5.96	+25.40	55 10	......	....	. ....	4 58 48.07	+15.82	+85 50	....
31	η Ophiuchi	9	4 42.13	− 0.41	**+25.37**	305 25 53.00	44.725	− 3.60	−1 21.2	17 5 7.12	.....	−15 36 41.8	....
32	α Herculis	8	10 3.09	− 0.35	**+25.44**	335 32	......	....	. ....	17 10 28.14	.....	+14 29	....
33	δ Herculis	9	10 51.20	− 0.37	**+25.44**	345 58	......	....	. ....	17 11 16.23	.....	+24 56	....
34	u Herculis	9	13 31.79	− 0.39	+25.40	354 13 56.78	42.540	− 3.60	− 5.8	17 13 56.80	− 1.21	+33 11 47.3	+ 9.9
35	λ Herculis	.	.. ..	.....	.....	347 11 56.25	45.145	− 3.60	− 13.1	17 27	.....	+26 10 39.0	+ 9.5
36	158 H¹. Cephei s. p.	4	31 40.52	+ 5.14	+25.40	55 51 57.70	40.935	− 3.60	+1 25.5	5 32 11.06	.....	+85 9 16.6	....
37	β Ophiuchi	.	.. ..	.....	.....	325 37 54.62	45.310	− 3.60	− 39.6	17 38	.....	+ 4 36 14.7	....
38	δ Ursæ Minoris	6	1 53.44	− 6.91	+25.40	47 36	......	....	. ....	18 2 11.93	.....	+86 36	....
	May 2, Fk.												
39	Sun I, S.	8	36 11.59	− 0.25	+25.48	336 9 52.12	44.800	− 2.80	− 24.4	2 36 36.82	+66.08	+15 8 17.0	....
40	Sun II, N.	9	38 23.74	− 0.25	+25.48	336 41 54.38	44.098	− 2.80	− 23.8	2 38 48.97	−66.07	+15 40 2.9	....
41	318 B. Cephei s. p.	9	10 28.53	+ 1.79	+25.57	64 31 52.88	48.068	− 4.12	+2 0.2	0 10 55.89	+ 3.90	+76 26 4.5	+14.8
42	c Virginis	9	15 16.26	− 0.34	+25.57	324 51 51.12	43.462	− 4.14	− 40.3	12 15 41.49	− 0.90	+ 3 49 27.8	+ 4.5
43	6 Canum Venaticorum	9	20 55.12	− 0.40	+25.57	0 31 55.48	47.762	− 4.16	+ 0.6	12 21 20.29	− 1.16	+39 31 51.1	− 3.9
44	δ Corvi	9	24 42.01	− 0.40	**+25.57**	305 1 52.95	45.812	− 4.17	−1 21.5	12 25 7.18	.....	−16 0 17.9	....
45	8 Canum Venaticorum	9	28 58.56	− 0.41	+25.57	2 51 55.92	46.912	− 4.19	+ 2.9	12 29 23.72	.....	+41 51 34.4	....
46	9 Canum Venaticorum	9	33 56.86	− 0.41	+25.57	2 23 55.02	45.345	− 4.20	+ 2.5	12 34 22.02	− 1.25	+41 22 57.3	− 3.9
47	330 G. Hydræ	9	38 42.29	− 0.48	+25.57	293 13 48.25	45.502	− 0.72	−2 12.6	12 39 7.38	− 1.16	−27 49 17.3	+ 9.8
48	35 Virginis	9	42 46.11	− 0.34	**+25.57**	325 5 54.05	45.935	− 4.23	− 40.0	12 43 11.34	.....	+ 4 4 27.4	....
49	32² H. Camelopardalis	9	48 14.06	− 3.44	+25.57	44 53 53.88	48.373	− 4.25	+ 57.4	12 48 36.19	.....	+83 55 0.1	....
50	1 B. Ursæ Minoris s. p.	7	56 20.19	+14.94	+25.58	52 27 53.45	45.910	− 4.28	+1 14.9	0 57 0.71	+41.26	+88 31 38.1	+10.9
51	43 Comæ Berenices	9	7 10.78	− 0.35	**+25.65**	349 22	......	....	. ....	13 7 36.01	.....	+28 20	....
52	19 Canum Venaticorum	9	11 0.11	− 0.41	+25.58	2 21 55.20	44.255	− 4.33	+ 2.4	13 11 25.28	− 1.41	+41 20 32.3	− 2.2
53	23 Canum Venaticorum	9	15 47.94	− 0.40	+25.58	1 37 54.95	48.308	− 4.34	+ 1.7	13 16 13.12	− 1.41	+40 38 4.0	− 1.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 12 31	......	....	45.5
12 46	......	....	45.0
13 3	29.59	47.0	45.1
13 27	......	....	44.8
13 56	29.585	46.0	44.5
14 24	29.58	46.5	45.4
15 33	29.57	46.4	45.0
15 56	29.56	46.0	44.4
16 38	29.555	45.3	43.7
17 17	29.55	45.3	43.6
2 2 38	29.47	62.8	65.2
12 6	29.58	51.0	50.0
12 26	29.59	53.0	49.3
12 37	......	....	49.0
13 8	29.60	49.3	48.3

Micrometer bisections are made at II, VI, except as noted below.

4, 17. Bisections at II, VI, VII.
6, 12, 25. Bisections at IV, V.
7, 39. Bisections at I, II.
13, 41. Bisections at III, V.
14, 49. Bisections at III, IV, V.
18, 40. Bisections at VI, VII.
21. Bisections at b_1, b_2.
28. Bisections at II, III, IV, V, VI.
36. Bisection at V.
43. Bisections at II, VII.
50. Bisections at b_1, b_3, b_5.

Notes.

14. Hazy; very unsteady.
21. Degrees and minutes of circle reading assumed.
21, 22. Clouds.
47. Two microscopes used.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
39	+ 3.5	+15 52.9	...	+15 56.4
40	+ 3.4	−15 52.9	...	−15 49.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Virginis	9	19 56.69	− 0.38	+**25.54**	310 22	......	....	. ....	13 20 21.89	.....	−10 40	....
2	9 B. Ursæ Minoris	9	23 26.62	− 1.16	+25.58	33 51 53.15	47.378	− 4.37	+ 38.7	13 23 51.04	.....	+72 52 17.5	....
3	81 Ursæ Majoris	.	.. ..	.....	.....	16 49 53.82	45.610	− 4.39	+ 17.5	13 30	.....	+55 49 17.0	− 3.7
4	ω Cassiopeiæ s. p.	8	35 0.91	+ 1.17	+25.58	73 23 53.42	43.823	− 4.41	+3 11.5	1 35 27.66	.....	+67 34 30.1	....
5	η Ursæ Majoris	9	43 31.72	− 0.48	+25.58	10 47 55.75	43.475	− 4.44	+ 11.0	13 43 56.82	.....	+49 46 23.5	....
6	7 Boötis	9	48 25.13	− 0.33	+25.58	339 23 53.72	46.970	− 4.45	− 21.6	13 48 50.38	− 1.21	+18 23 8.9	+ 2.8
7	47 Hydræ	8	52 57.48	− 0.45	+25.58	296 27 48.78	54.785	− 4.47	−1 54.7	13 53 22.61	− 1.31	−24 31 30.5	+ 6.7
8	α Draconis	9	1 31.85	− 0.77	+25.58	25 49 55.80	44.348	− 4.50	+ 28.0	14 1 56.66	.....	+64 49 0.5	....
9	d Boötis	9	5 48.32	− 0.34	+**25.57**	346 31 54.72	47.868	− 4.51	− 13.7	14 6 13.56	.....	+25 31 38.2	....
10	λ Virginis	9	13 43.82	− 0.39	+**25.57**	308 5 50.72	43.878	− 4.54	−1 13.3	14 14 9.02	.....	−12 56 56.5	....
11	φ Virginis	8	23 3.65	− 0.35	+25.59	319 11 53.22	47.822	− 4.57	−. 49.7	14 23 28.89	− 1.20	− 1 49 0.3	+ 5.0
12	γ Boötis	9	27 58.74	− 0.39	+25.59	359 43 54.78	44.640	− 4.58	− 0.2	14 28 23.94	.....	+38 42 37.9	....
13	142 H^1. Cephei s. p.	9	33 51.35	+ 2.61	+25.59	59 55 53.25	45.307	− 4.60	+1 39.7	2 34 19.55	+ 8.18	+81 3 28.2	+ 4.2
	May 9, Fk.												
14	Moon I, N.	9	35 58.57	− 0.30	+26.92	334 21 53.82	**44.778**	− **4.76**	− **27.0**	10 36 25.19	+63.25	+13 20 13.3	....
15	τ Leonis	9	22 46.39	− 0.30	+**26.92**	324 24	......	....	. ....	11 23 13.01	.....	+ 3 21	....
16	β Leonis	9	43 56.17	− 0.29	+**26.95**	336 6	......	....	. ....	11 44 22.81	.....	+15 5	....
17	β Virginis	9	45 28.34	− 0.30	+**26.92**	323 18	......	....	. ....	11 45 54.97	.....	+ 2 16	....
18	α Virginis	9	19 55.26	− 0.34	+**26.93**	310 22	......	....	. ....	13 20 21.86	.....	−10 40	....
19	ζ Virginis	9	29 34.76	− 0.31	+**26.94**	320 54	......	....	. . ..	13 30 1.39	.....	− 0 7	....
	May 10, P.												
20	Moon I, N.	9	23 26.33	− 0.33	+27.14	329 55 52.98	45.490	− 5.21	− 32.8	11 23 53.14	+62.71	+ 8 54 22.5	....
21	318 B. Cephei s. p.	9	10 27.61	+ 1.92	+27.14	64 31 58.78	47.917	− 5.28	+1 59.4	0 10 56.67	+ 3.35	+76 26 4.1	+16.0
22	c Virginis	9	15 14.68	− 0.32	+27.14	324 51 51.98	43.458	− 5.28	− 40.0	12 15 41.50	− 0.85	+ 3 49 27.7	+ 4.1
23	14 Comæ Berenices	9	21 22.36	− 0.34	+27.15	348 47 55.05	45.502	− 5.28	− 11.2	12 21 49.17	− 0.96	+27 46 46.2	− 2.3
24	δ Corvi	9	24 40.38	− 0.38	+**27.13**	305 1 54.28	45.770	− 5.28	−1 20.9	12 25 7.15	.....	−16 0 18.0	....
25	β Corvi	9	29 7.48	− 0.42	+27.15	298 9 53.30	43.925	− 5.28	−1 45.8	12 29 34.21	.....	−22 53 26.0	....
26	9 Canum Venaticorum	9	33 55.26	− 0.40	+27.15	2 23 53.42	45.505	− 5.28	+ 2.5	12 34 22.01	− 1.18	+41 22 58.3	− 5.4
27	35 Virginis	9	42 44.49	− 0.32	+**27.13**	325 5 54.62	45.980	− 5.28	− 39.7	12 43 11.32	.....	+ 4 4 28.3	....
28	32^2 H. Camelopardalis	9	48 11.68	− 3.62	+27.15	44 53 54.75	48.445	− 5.28	+ 57.0	12 48 35.21	.....	+83 55 1.1	....
29	1 B. Ursæ Minoris s. p.	9	56 24.11	+15.86	+27.15	52 27 55.58	45.945	− 5.28	+1 14.4	0 57 7.12	+37.66	+88 31 36.6	+12.7
30	43 Comæ Berenices	9	7 9.16	− 0.34	+**27.23**	349 21 54.50	45.418	− 5.28	− 10.7	13 7 35.97	.....	+28 20 44.2	....
31	19 Canum Venaticorum	9	10 58.54	− 0.40	+27.15	2 21 54.50	44.362	− 5.28	+ 2.4	13 11 25.29	− 1.36	+41 20 33.1	− 3.9
32	l Ursæ Minoris	9	18 9.28	− 4.67	+27.15	46 13 50.35	46.707	− 5.28	+ 59.8	13 18 31.76	−12.50	+85 14 19.9	−10.7
33	9 B. Ursæ Minoris	9	23 24.96	− 1.20	+27.15	33 51 56.92	47.322	− 5.28	+ 38.5	13 23 50.91	.....	+72 52 19.3	....
34	81 Ursæ Majoris	9	30 10.53	− 0.57	+27.15	16 49 52.82	45.785	− 5.28	+ 17.4	13 30 37.11	− 1.92	+55 49 18.9	− 5.7
35	ω Cassiopeiæ s. p.	9	34 59.75	+ 1.26	+27.15	73 23 51.80	44.150	− 5.28	+3 10.0	1 35 28.16	.....	+67 34 26.6	....
36	89 Virginis	9	44 26.71	− 0.39	+**27.14**	303 21 53.32	45.115	− 5.28	−1 26.4	13 44 53.48	.....	−17 40 39.4	....
37	7 Boötis	9	48 23.50	− 0.32	+27.16	339 23 52.20	47.175	− 5.28	− 21.4	13 48 50.34	− 1.22	+18 23 11.4	+ 1.7
38	48 Hydræ	9	54 25.48	− 0.43	+27.16	296 27 53.65	48.560	− 5.28	−1 54.0	13 54 52.21	.....	−24 33 48.0	....
39	α Draconis	9	1 30.22	− 0.79	+27.16	25 49 52.85	44.642	− 5.28	+ 27.8	14 1 56.59	.....	+64 49 3.3	....
40	d Boötis	9	5 46.71	− 0.33	+**27.18**	346 31 54.45	47.998	− 5.28	− 13.6	14 6 13.54	.....	+25 31 40.3	....
41	ι Virginis	9	10 45.74	− 0.34	+**27.16**	315 27 54.48	46.095	− 5.28	− 56.2	14 11 12.56	.....	− 5 33 45.7	....
42	λ Virginis	9	13 42.32	− 0.37	+**27.09**	308 5 51.05	43.850	− 5.28	−1 12.8	14 14 9.11	.....	−12 56 57.0	....
43	3 G. Libræ	9	19 8.19	− 0.43	+27.16	296 39 49.62	44.435	− 5.28	−1 53.3	14 19 34.92	− 1.39	−24 23 25.5	+ 6.5
44	φ Virginis	9	23 2.11	− 0.33	+27.16	319 11 53.12	47.885	− 5.28	− 49.3	14 23 28.94	− 1.25	− 1 48 59.3	+ 4.7
45	γ Boötis	9	27 57.12	− 0.38	+27.16	359 43 53.45	44.850	− 5.28	− 0.2	14 28 23.90	.....	+38 42 40.7	....
46	142 H^1. Cephei s. p.	9	33 50.02	+ 2.79	+27.16	59 55 53.05	45.490	− 5.28	+1 38.9	2 34 19.97	+ 7.90	+81 3 25.7	+ 6.3
	May 10, M.												
47	149 H^1. Cephei s. p.	9	35 42.11	+ 6.75	+27.27	54 37 52.28	46.197	− 5.24	+1 21.2	3 36 16.13	+20.15	+86 21 27.7	+ 0.8
48	12 H. Draconis	9	44 51.86	− 0.77	+27.27	23 53 51.70	44.700	− 5.24	+ 25.6	15 45 18.36	− 2.80	+62 53 1.1	+ 2.6
49	χ Herculis	9	49 4.54	− 0.45	+27.27	3 43 51.58	44.298	− 5.24	+ 3.8	15 49 31.36	.....	+42 42 30.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
2 13 27	29.615	49.2	48.1
13 57	29.62	48.6	47.7
14 17	......	....	47.4
14 38	29.635	48.1	47.0
9 10 42	29.37	54.8	[illegible]
10 11 21	29.57	[illegible]	55.8
11 31	......	....	[illegible]
12 8	29.675	54.9	54.9
12 31	......	....	54.1
12 55	29.69	53.5	53.1
13 28	......	....	53.0
13 40	29.695	52.9	[illegible]
13 58	......	....	52.5
14 17	......	....	51.9
14 36	29.695	51.1	52.0
15 29	29.70	49.8	49.9
15 53	......	....	49.1

Micrometer bisections are made at II, VI, except as noted below.

3, 8, 33, 39.	Bisections at III, V.
4, 13, 21, 28, 35, 46, 47.	Bisections at III, IV, V.
14, 20.	Bisections at II, III, IV, V, VI.
29, 32.	Bisections at b_1, b_3, b_5, b_7, b_9.
43.	Bisections at I, II, VI.
49.	Bisections at III, VI.

Notes.

18, 19. Unsteady; poor.

35. Faint.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+23 20.9	−14 52.9	...	+ 8 28.0
20	+27 16.4	−14 59.3	...	+12 17.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	66 H^1. Draconis..........	9	55 11.91	− 0.59	+27.27	15 59 52.20	49.098	− 5.24	+ 16.6	15 55 38.59	− 2.22	+55 0 33.2	+ 3.8
2	β^1 Scorpii................	9	59 39.68	− 0.43	**+27.24**	301 30	......	....	. ....	16 0 6.52	.....	−19 33	....
3	ω^2 Scorpii................	9	1 35.06	− 0.44	+27.27	300 25 49.70	44.125	− 5.24	−1 37.7	16 2 1.89	− 1.39	−20 37 16.7	+ 2.9
4	151 H^1. Cephei s. p.......	8	6 36.76	+ 5.29	+27.27	55 41 49.95	42.833	− 5.24	+1 24.6	4 7 9.32	.....	+85 18 43.8	....
5	19 Ursæ Minoris.........	9	13 5.48	− 1.58	+27.27	37 5 50.15	47.947	− 5.24	+ 43.8	16 13 31.17	.....	+76 6 32.2	....
6	γ Herculis..............	9	17 26.11	− 0.35	**+27.27**	340 24	......	....	. ....	16 17 53.03	.....	+19 22	....
7	τ Scorpii................	9	29 43.88	− 0.49	+27.28	293 1 49.82	45.059	− 5.24	−2 14.9	16 30 10.67	.....	−28 1 32.6	....
8	70 B. Ursæ Minoris.......	9	34 15.39	− 1.79	+27.28	38 37 51.55	45.750	− 5.24	+ 46.4	16 34 40.88	− 5.79	+77 37 45.9	+ 5.4
9	9 Camelopardalis s. p. ...	9	44 22.36	+ 1.23	+27.28	74 45 50.32	46.505	− 5.24	+3 30.4	4 44 50.87	.....	+66 11 13.8	....
10	57 H^1.Camelopardalis s. p.	9	52 29.85	+ 1.70	+27.28	67 1 50.60	47.850	− 5.24	+2 16.3	4 52 58.83	+ 4.42	+73 55 56.9	− 4.2
11	157 H^1. Cephei s. p.......	9	58 14.61	+.5.94	+27.28	55 9 50.70	43.382	− 5.24	+1 23.2	4 58 47.83	+16.68	+85 50 31.7	− 5.9
12	η Ophiuchi..............	9	4 40.50	− 0.41	**+27.19**	305 25 49.95	44.920	− 5.24	−1 21.1	17 5 7.37	.....	−15 36 42.1	....
13	α Herculis..............	9	10 1.36	− 0.35	**+27.35**	335 32	......	....	. ....	17 10 28.29	.....	+14 29	....
14	u Herculis..............	9	13 30.08	− 0.39	+27.28	354 13 54.08	42.842	− 5.24	− 5.8	17 13 56.97	− 1.39	+33 11 49.9	+ 8.0
15	b Ophiuchi..............	9	20 19.56	− 0.46	+27.28	296 57 48.68	44.332	− 5.24	−1 53.0	17 20 46.38	.....	−24 5 28.5	....
16	λ Herculis..............	9	26 35.46	− 0.36	+27.28	347 11 51.90	45.455	− 5.24	− 13.1	17 27 2.38	− 1.26	+26 10 40.1	+ 7.8
17	158 H^1. Cephei s. p.......	9	31 38.22	+ 5.12	+27.28	55 49 50.22	46.673	− 5.24	+1 25.1	5 32 10.62	.....	+85 9 15.1	....
18	β Ophiuchi..............	9	38 29.82	− 0.35	**+27.30**	325 37 50.18	45.565	− 5.24	− 39.4	17 38 56.76	.....	+ 4 36 14.7	....
19	μ Herculis..............	9	42 25.72	− 0.37	**+27.35**	348 47 52.05	44.505	− 5.24	− 11.4	17 42 52.64	.....	+27 46 20.3	....
20	9 G. Sagittarii.........	9	50 4.51	− 0.42	+27.29	302 15 49.65	44.118	− 5.24	−1 30.9	17 50 31.38	− 1.12	−18 47 10.3	+ 0.1
21	ξ Herculis..............	9	53 45.66	− 0.37	+27.29	350 17 52.10	41.788	− 5.24	− 9.8	17 54 12.58	− 1.21	+29 15 19.8	+ 9.1
22	δ Ursæ Minoris..........	9	1 53.22	− 6.91	+27.29	47 35 49.52	47.573	− 5.24	+1 3.4	18 2 13.60	.....	+86 36 42.2	....
	May 11, M.												
23	Sun I, N..............	9	10 58.40	− 0.24	+27.34	339 11 54.82	43.872	− 4.18	− 20.8	3 11 25.50	+66.82	+18 10 0.7	....
24	Sun II, S..	9	13 12.03	− 0.24	+27.34	338 39 54.45	44.810	− 4.18	− 21.3	3 13 39.13	−66.81	+17 38 20.4	....
25	Venus I, S............	9	23 4.32	− 0.30	+27.37	347 57 55.38	42.395	− 4.10	− 11.5	6 23 31.39	+ 1.07	+26 55 36.5	....
26	Venus N...............	.	.. ..	....	.....	347 57 55.38	43.582	− 4.10	− 11.5	.. ..	.....	+26 56 3.4	....
27	Moon I, N.............	9	10 33.51	− 0.32	+27.39	325 1 50.28	45.441	− 3.52	− 38.7	12 11 0.58	+62.70	+ 4 0 14.4	....
28	12 Comæ Berenices.......	9	17 26.82	− 0.32	+27.39	347 21 51.90	47.430	− 3.52	− 12.4	12 17 53.89	.....	+26 21 27.5	....
29	14 Comæ Berenices.......	8	21 22.01	− 0.32	+27.39	348 47 53.10	45.408	− 3.52	− 11.0	12 21 49.08	− 0.95	+27 46 44.2	− 2.5
30	δ Corvi.................	9	24 40.12	− 0.37	**+27.38**	305 1 50.78	45.715	− 3.52	−1 19.0	12 25 7.14	.....	−16 0 19.1	....
31	24 Comæ Berenices......	9	30 4.73	− 0.31	+27.39	339 53 52.05	46.625	− 3.52	− 20.3	12 30 31.81	.....	+18 53 1.6	....
32	γ Virginis (*pr.*).........	5	36 33.54	− 0.32	+27.39	320 5 50.15	43.275	− 3.52	− 46.4	12 37 0.61	.....	− 0 56 42.7	....
33	γ Virginis (*fol.*)..........	5	36 33.81	− 0.32	+27.39	320 5 50.15	43.045	− 3.52	− 46.4	12 37 0.88	.....	− 0 56 48.4	....
34	35 Virginis.............	9	42 44.19	− 0.31	**+27.42**	325 5 50.42	45.978	− 3.52	− 38.7	12 43 11.27	.....	+ 4 4 26.8	....
35	ψ Virginis..............	9	49 7.99	− 0.34	+27.39	311 59 50.08	44.618	− 3.52	−1 1.7	12 49 35.04	− 1.01	− 9 2 27.4	+ 6.8
36	12 Canum Venaticorum...	9	51 17.74	− 0.36	+27.39	359 49 52.30	45.678	− 3.52	− 0.1	12 51 44.77	.....	+38 49 0.3	....
37	ε Virginis..............	9	57 9.78	− 0.31	**+27.40**	332 27 51.90	47.450	− 3.52	− 29.0	12 57 36.86	.....	+11 27 11.6	....
38	44 H. Cephei s. p........	9	3 42.97	+ 1.87	+27.40	61 47 54.02	46.807	− 3.52	+1 44.0	1 4 12.24	+ 5.23	+79 10 47.8	+13.1
39	σ Virginis..............	9	12 31.54	− 0.31	+27.40	326 59 51.60	42.582	− 3.52	− 36.2	13 12 58.63	− 1.07	+ 5 57 12.9	+ 3.5
40	l Ursæ Minoris.........	9	18 8.22	− 3.84	+27.40	46 13 53.22	46.622	− 3.52	+ 58.3	13 18 31.78	−12.38	+85 14 21.0	−11.0
41	70 Virginis.............	9	23 29.79	− 0.31	+27.40	335 17 52.48	44.635	− 3.52	− 25.6	13 23 56.88	.....	+14 16 11.2	....
42	350 G. Hydræ............	8	27 2.65	− 0.43	+27.40	292 49 49.22	45.530	− 3.52	−2 11.4	13 27 29.62	− 1.30	−28 13 17.3	+ 8.9
43	13 B. Ursæ Minoris.......	8	34 35.34	− 0.95	+27.40	32 43 52.15	43.560	− 3.52	+ 36.0	13 35 1.79	− 3.44	+71 42 47.5	− 8.2
44	83 Virginis.............	9	39 5.99	− 0.37	+27.40	305 19 50.70	43.678	− 3.52	−1 18.5	13 39 33.02	− 1.21	−15 43 5.2	+ 7.0
45	89 Virginis.............	9	44 26.47	− 0.37	**+27.36**	303 21 48.55	45.128	− 3.52	−1 24.5	13 44 53.50	.....	−17 40 40.2	....
46	7 Boötis................	9	48 23.28	− 0.31	+27.40	339 23 51.85	47.010	− 3.52	− 20.9	13 48 50.37	− 1.22	+18 23 9.6	+ 1.5
47	48 Hydræ................	9	54 25.22	− 0.41	+27.40	296 27 49.92	48.480	− 3.52	−1 51.4	13 54 52.21	.....	−24 33 49.1	....
48	α Draconis..............	9	1 29.84	− 0.68	+27.40	25 49 51.68	44.658	− 3.52	+ 27.1	14 1 56.56	.....	+64 49 3.4	....
49	d Boötis................	9	5 46.44	− 0.32	**+27.44**	346 31 52.78	47.930	− 3.52	− 13.3	14 6 13.52	.....	+25 31 39.1	....
50	ι Virginis..............	9	10 45.50	− 0.33	**+27.40**	315 28	......	....	. ....	14 11 12.57	.....	− 5 33	....
51	λ Virginis..............	9	13 42.01	− 0.35	**+27.39**	308 5 49.50	43.720	− 3.52	−1 11.2	14 14 9.06	.....	−12 56 58.2	....
52	3 G. Libræ..............	9	19 7.97	− 0.41	+27.41	296 39 49.32	44.190	− 3.52	−1 50.8	14 19 34.97	− 1.39	−24 23 27.2	+ 6.6
53	φ Virginis..............	9	23 1.85	− 0.32	+27.41	319 11 50.92	47.775	− 3.52	− 48.2	14 23 28.94	− 1.25	− 1 49 1.1	+ 4.6
54	γ Boötis................	9	27 56.91	− 0.36	+27.41	359 43 50.60	44.845	− 3.52	− 0.2	14 28 23.96	.....	+38 42 39.5	....
55	π Boötis (*pr.*)...........	9	35 58.33	− 0.31	+27.41	337 49 52.40	45.932	− 3.52	− 22.8	14 36 25.43	− 1.31	+16 48 43.8	+ 2.7
56	c^1 Centauri..............	9	37 36.23	− 0.48	+27.41	286 17 50.65	44.065	− 3.52	−3 8.4	14 38 3.16	− 1.59	−34 46 46.2	+ 6.2

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 16 22	29.69	48.8	47.1
17 12	29.695	47.7	46.4
17 47	......	....	49.3
18 7	29.705	47.7	46.8
11 3 13	29.82	72.0	76.2
6 24	29.77	78.8	80.7
12 9	29.78	69.6	68.8
12 26	......	....	67.8
12 40	......	....	67.2
13 1	29.76	67.2	66.1
13 30	......	....	65.5
13 52	29.75	65.9	64.7
14 9	......	....	64.2
14 40	29.74	64.9	63.6

Micrometer bisections are made at II, VI, except as noted below.

3, 23, 25, 29, 32, 35, 55.	Bisections at I, II.
4.	Bisections at b_2, b_5, b_8.
5, 9–11, 17, 22, 38, 40.	Bisections at III, IV, V.
7.	Bisections at I, II, VI, VII.
8.	Bisections at III, V.
12, 24, 26, 28, 33.	Bisections at VI, VII.
15.	Bisections at II, VI, VII.
19.	Bisections at III, VI.
27.	Bisections at II, III, IV, V, VI.
39, 56.	Bisections at I, II, VI.
43.	Bisections at V, VI.

Note.
56. Very poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+ 3.0	−15 50.1	...	−15 47.1
24	+ 3.1	+15 50.1	...	+15 53.2
25	+ 3.0	+ 13.5	...	+ 16.5
26	+ 3.0	− 13.5	+0.1	− 10.4
27	+31 32.7	−15 8.1	...	+16 24.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	May 12, P.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	14 53.29	− 0.32	+27.42	338 53 52.72	47.948	− 1.84	− 20.7	3 15 20.39	+66.89	+17 53 34.1	....
2	Sun II, N.	9	17 7.07	− 0.32	+27.42	339 25 53.75	47.085	− 1.84	− 20.2	3 17 34.17	−66.89	+18 25 15.1	....
3	Mercury C, C.	9	39 49.33	− 0.33	+27.43	341 27 52.92	45.638	− 1.68	− 18.0	3 40 16.43	0.00	+20 26 44.0	....
4	Venus I, S.	9	26 43.86	− 0.30	+27.45	347 53 51.75	45.654	− 1.52	− 11.5	6 27 11.01	+ 1.09	+26 52 49.8	....
5	β Leonis	9	43 55.59	− 0.39	**+27.60**	336 8	......	....	.....	11 44 22.70	.....	+15 5	....
6	β Virginis	9	45 27.78	− 0.38	**+27.53**	323 20	......	....	.....	11 45 54.90	.....	+ 2 16	....
7	π Virginis	9	55 43.18	− 0.38	**+27.48**	328 10	......	....	.....	11 56 10.30	.....	+ 7 7	....
8	o Virginis	9	0 5.02	− 0.38	**+27.54**	330 18	......	....	.....	12 0 32.14	.....	+ 9 14	....
9	ρ Virginis	9	36 47.50	− 0.36	**+27.53**	331 48	......	....	.....	12 37 14.65	.....	+10 44	....
10	35 Virginis	9	42 44.14	− 0.36	**+27.52**	325 8	......	....	.....	12 43 11.29	.....	+ 4 4	....
11	31 Comæ Berenices	8	46 47.09	− 0.39	**+27.47**	349 4	......	....	.....	12 47 14.21	.....	+28 2	....
12	Moon I, N.	9	58 11.16	− 0.37	+27.51	319 49 49.62	45.236	− 2.09	− 46.3	12 58 38.30	+63.30	− 1 11 57.9	....
13	70 Virginis	9	23 29.84	− 0.34	+27.51	335 17 50.28	44.690	− 1.94	− 25.2	13 23 57.01	.....	+14 16 12.3	....
14	350 G. Hydræ	9	27 2.55	− 0.43	+27.51	292 49 45.78	45.550	− 1.94	−2 9.4	13 27 29.63	− 1.30	−28 13 16.6	+ 9.0
15	ω Cassiopeiæ s. p.	8	34 59.56	+ 0.99	+27.51	73 23 55.80	44.112	− 1.94	+3 2.8	1 35 28.06	.....	+67 34 27.3	....
16	89 Virginis	9	44 26.38	− 0.38	**+27.46**	303 21 44.90	45.158	− 1.94	−1 23.2	13 44 53.52	.....	−17 40 40.3	....
17	7 Boötis	9	48 23.20	− 0.34	+27.52	339 23 49.25	47.105	− 1.94	− 20.6	13 48 50.38	− 1.22	+18 23 11.0	+ 1.3
18	92 Virginis	9	51 20.67	− 0.34	+27.52	322 31 48.72	44.912	− 1.94	− 42.1	13 51 47.85	− 1.18	+ 1 29 58.9	+ 4.2
19	48 Hydræ	9	54 25.12	− 0.41	+27.52	296 27 48.20	48.447	− 1.94	−1 49.7	13 54 52.23	.....	−24 33 48.3	....
20	94 Virginis	9	0 59.48	− 0.36	+27.52	312 33 47.55	47.782	− 1.94	− 59.8	14 1 26.64	.....	− 8 27 14.3	....
21	d Boötis	9	5 46.42	− 0.36	**+27.50**	346 31 50.28	47.998	− 1.94	− 13.1	14 6 13.58	.....	+25 31 39.9	....
22	λ Virginis	8	13 41.97	− 0.37	**+27.45**	308 5 45.12	43.840	− 1.94	−1 10.1	14 14 9.12	.....	−12 56 57.3	....
23	3 G. Libræ	9	19 7.86	− 0.41	+27.52	296 39 44.70	44.262	− 1.94	−1 49.0	14 19 34.97	− 1.40	−24 23 26.8	+ 6.6
24	ι Cassiopeiæ s. p.	7	20 56.85	+ 0.96	+27.52	73 57 51.90	47.382	− 1.94	+3 10.1	2 21 25.33	.....	+66 59 9.2	....
25	g Boötis	9	25 0.64	− 0.50	+27.52	11 16 13.50	45.370	− 1.94	+ 11.1	14 25 27.66	− 1.89	+50 15 27.3	− 2.2
26	142 H¹. Cephei s. p.	9	33 50.30	+ 2.30	+27.52	59 55 53.12	45.515	− 1.94	+1 35.2	2 34 20.12	+ 7.82	+81 3 25.4	+ 6.9
27	c¹ Centauri	9	37 36.16	− 0.47	+27.52	286 17 48.93	43.988	− 1.94	−3 5.6	14 38 3.21	− 1.60	−34 46 45.5	+ 6.2
28	μ Libræ (*brighter*)	9	43 50.60	− 0.37	+27.52	307 15 45.42	46.318	− 1.94	−1 12.3	14 44 17.75	− 1.34	−13 46 2.4	+ 5.2
29	ξ Boötis (*brighter*)	9	46 42.76	− 0.34	+27.52	340 29 49.82	46.430	− 1.94	− 19.5	14 47 9.94	− 1.35	+19 28 57.2	+ 2.5
30	β Ursæ Minoris	9	50 36.33	− 1.24	+27.52	35 31 54.10	46.412	− 1.94	+ 39.5	14 51 2.61	.....	+74 32 0.1	....
31	2 H. Ursæ Minoris	7	55 43.56	− 0.81	+27.52	27 17 59.02	46.630	− 1.94	+ 28.6	14 56 10.27	− 3.12	+66 17 59.1	− 2.1
32	β Boötis	9	57 3.47	− 0.42	+27.52	1 45 51.40	46.130	− 1.94	+ 1.8	14 57 30.57	.....	+40 45 13.2	....
33	ι Libræ	9	6 32.78	− 0.39	**+27.51**	301 35 48.85	45.152	− 1.94	−1 29.2	15 6 59.92	.....	−19 26 42.5	....
34	1 Lupi	9	8 33.44	− 0.45	+27.53	289 53 48.48	42.810	− 1.94	−2 30.7	15 9 0.52	− 1.56	−31 10 37.9	+ 4.7
35	1 H. Ursæ Minoris	9	13 11.52	− 0.86	+27.53	28 41 52.20	46.402	− 1.94	+ 30.3	15 13 38.19	.....	+67 41 48.7	....
36	γ² Ursæ Minoris	9	20 29.81	− 1.07	+27.53	33 9 53.88	45.872	− 1.94	+ 36.2	15 20 56.27	.....	+72 9 44.2	....
37	ι Draconis	7	22 28.54	− 0.63	+27.53	20 17 53.80	45.452	− 1.94	+ 20.5	15 22 55.44	.....	+59 17 18.9	....
38	θ Coronæ Borealis	9	28 47.51	− 0.38	+27.53	352 41 52.62	43.690	− 1.94	− 7.1	15 29 14.66	− 1.52	+31 40 9.6	+ 3.0
39	θ Ursæ Minoris	9	33 47.73	− 1.56	+27.53	38 39 54.42	44.620	− 1.94	+ 44.4	15 34 13.70	− 5.99	+77 39 24.2	− 0.2
40	5 H. Camelopardalis s. p.	8	40 5.26	+ 1.14	+27.53	69 53 55.10	49.585	− 1.94	+2 31.0	3 40 33.93	.....	+71 2 54.7	....
41	μ Serpentis	9	44 23.21	− 0.34	**+27.54**	317 51 48.25	48.002	− 1.94	− 50.0	15 44 50.40	.....	− 3 8 59.0	....
	May 13, Fk.												
42	Sun I, N.	9	18 48.40	− 0.33	+27.62	339 41 52.88	44.318	− 2.60	− 20.0	3 19 15.69	+66.98	+18 40 11.3	....
43	Sun II, S.	9	21 2.36	− 0.33	+27.62	339 9 52.08	45.225	− 2.60	− 20.6	3 21 29.65	−66.98	+18 8 29.8	....
44	Venus I, S.	8	30 19.29	− 0.40	+27.65	347 51 52.48	42.402	− 2.34	− 11.6	6 30 46.54	+ 1.11	+26 49 35.4	....
45	Venus N.	.	.. ..	....	.....	347 51 52.48	43.688	− 2.34	− 11.6	.. ..	.....	+26 50 4.5	....
	May 14, M.												
46	Sun I, S.	9	22 44.14	− 0.38	+27.89	339 23 51.60	46.725	− 1.85	− 19.6	3 23 11.65	+67.07	+18 23 6.1	....
47	Sun II, N.	9	24 58.27	− 0.38	+27.89	339 55 52.05	45.830	− 1.85	− 19.1	3 25 25.78	−67.06	+18 54 45.8	....
	May 17, P.												
48	δ Ursæ Majoris	9	10 26.24	− 0.72	+28.38	18 31 50.95	49.725	− 1.93	+ 18.7	12 10 53.90	.....	+57 32 51.9	....
49	c Virginis	9	15 13.39	− 0.38	+28.38	324 51 51.40	43.322	− 1.95	− 39.0	12 15 41.39	− 0.80	+ 3 49 28.3	+ 3.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 3 17	29.745	79.0	82.9
3 41	29.75	80.2	84.0
6 28	29.725	84.0	85.0
13 0	29.815	74.5	74.5
13 22	......	....	74.0
13 42	......	....	74.0
13 58	29.82	73.0	73.5
14 18	......	....	73.1
14 42	29.82	72.0	72.5
15 14	......	....	73.0
15 32	......	....	70.2
15 46	29.825	70.2	70.0
13 3 21	29.98	82.2	84.1
6 33	29.945	84.3	85.3
14 3 25	29.00	83.0	85.0
17 12 8	29.87	70.5	[illegible]

Micrometer bisections are made at II, VI, except as noted below.

1, 42, 44, 46.	Bisections at I, II.
2, 22, 38, 41, 43, 45, 47.	Bisections at VI, VII.
3, 4, 14.	Bisections at I, II, VI, VII.
12.	Bisections at II, III, IV, V.
15, 26, 30, 40.	Bisections at III, IV, V.
19.	Bisections at I, II, VI.
24.	Bisections at b_1, b_3, b_5.
25, 31, 37.	Bisections at IV, V.
27.	Bisections at III, VI, VII.
34.	Bisections at II, VI, VII.
35, 36, 39, 48.	Bisections at III, V.

Notes.

5–7, 11, 12.	Clouds.
27.	Hazy.
28.	Assumed that brighter was observed as directed on observing list.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 3.1	+15 50.5	...	+15 53.6
2	+ 3.0	−15 50.4	...	−15 47.4
3	+ 2.1	.. ....	0.0	+ 2.1
4	+ 3.1	+ 14.6	...	+ 17.7
12	+35 57.4	−15 18.7	...	+20 38.7
42	+ 3.0	−15 50.7	...	−15 47.7
43	+ 3.0	+15 50.8	...	+15 53.8
44	+ 3.1	+ 14.6	...	+ 17.7
45	+ 3.1	− 14.6	+ 0.1	− 11.4
46	+ 3.0	+15 49.8	...	+15 52.8
47	+ 2.9	−15 49.8	...	−15 46.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	14 Comæ Berenices	9	21 21.10	− 0.42	+28.38	348 47 54.45	45.415	− 1.97	− 11.0	12 21 49.06	− 0.89	+27 46 47.1	− 3.4
2	74 Ursæ Majoris..........	9	25 13.56	− 0.74	+28.39	19 55 51.65	44.578	− 1.98	+ 20.2	12 25 41.21	− 1.46	+58 54 56.4	−11.2
3	*f* Virginis..............	9	31 35.87	− 0.38	+28.39	315 41 51.28	46.568	− 2.00	− 54.1	12 32 3.88	.....	− 5 19 32.7	....
4	ρ Virginis..............	9	36 46.58	− 0.38	**+28.44**	331 45 51.60	45.800	− 2.02	− 29.8	12 37 14.59	.....	+10 44 34.3	....
5	Groombridge 1922......	9	40 22.02	− 0.54	+28.39	6 57 52.02	44.642	− 2.03	+ 6.9	12 40 49.87	− 1.21	+45 56 44.8	− 7.7
6	12 Canum Venaticorum...	9	51 16.68	− 0.47	+28.39	359 49 51.38	45.770	− 2.06	− 0.1	12 51 44.60	.....	+38 49 2.7	....
7	ε Virginis..............	9	57 8.90	− 0.37	**+28.32**	332 27 52.52	47.460	− 2.08	− 28.9	12 57 36.92	.....	+11 27 14.0	....
8	43 Comæ Berenices	9	7 7.96	− 0.41	**+28.46**	349 21 51.70	45.468	− 2.12	− 10.4	13 7 35.94	.....	+28 20 45.8	....
9	9 B. Ursæ Minoris.......	9	23 23.63	− 1.29	+28.39	33 51 53.30	47.512	− 2.17	+ 37.5	13 23 50.73	.....	+72 52 22.1	....
10	17 H. Canum Venaticorum	9	30 14.88	− 0.45	+28.39	358 39 54.05	46.460	− 2.19	− 1.1	13 30 42.82	.....	+37 39 20.3	....
11	*m* Virginis..............	9	36 20.06	− 0.38	**+28.39**	312 47 49.98	44.652	− 2.21	−1 0.0	13 36 48.07	.....	− 8 14 23.9	....
12	89 Virginis..............	8	44 25.42	− 0.40	**+28.44**	303 22	......	....	.....	13 44 53.41	.....	−17 40	....
13	η Boötis................	9	49 51.48	− 0.37	**+28.38**	339 51 52.72	47.930	− 2.25	− 20.4	13 50 19.51	.....	+18 51 33.2	....
14	11 Boötis................	9	56 33.54	− 0.39	+28.40	348 49 52.32	48.490	− 2.27	− 10.9	13 57 1.55	.....	+27 49 55.1	....
15	9 H. Boötis..............	9	3 48.87	− 0.48	+28.40	5 17 53.48	46.975	− 2.30	+ 5.3	14 4 16.79	− 1.60	+44 17 37.7	− 3.8
16	α Boötis................	9	11 1.14	− 0.37	**+28.41**	340 42	......	....	.....	14 11 29.17	.....	+19 39	....
17	λ Boötis................	9	12 27.03	− 0.50	+28.40	7 31 52.58	44.550	− 2.33	+ 7.4	14 12 54.93	.....	+46 30 43.6	....
18	3 G. Libræ..............	9	19 6.98	− 0.43	+28.40	296 39 48.55	44.162	− 2.35	−1 50.6	14 19 34.95	− 1.41	−24 23 27.1	+ 6.8
19	*f* Boötis................	8	21 43.79	− 0.37	**+28.50**	340 39 51.32	45.035	− 2.36	− 19.6	14 22 11.82	.....	+19 38 26.1	....
20	56 B. Draconis..........	9	28 47.62	− 0.71	+28.40	21 37 53.58	47.118	− 2.38	+ 22.3	14 29 15.31	− 2.42	+60 37 58.1	− 4.9
21	π Boötis (*pr.*)..........	9	35 57.46	− 0.36	+28.40	337 49 52.20	46.005	− 2.40	− 22.7	14 36 25.50	− 1.33	+16 48 46.3	+ 1.6
	May 17, M.												
22	ε Herculis..............	9	56 19.62	− 0.35	+28.52	352 3 52.00	47.635	− 2.70	− 7.7	16 56 47.79	.....	+31 3 37.7	....
23	η Ophiuchi..............	8	4 39.33	− 0.37	**+28.45**	305 25 51.12	44.652	− 2.71	−1 18.3	17 5 7.48	.....	−15 36 41.5	....
24	α Herculis..............	9	10 0.30	− 0.32	**+28.51**	335 31 52.40	43.158	− 2.73	− 25.4	17 10 28.50	.....	+14 29 38.3	....
25	σ Ophiuchi..............	9	21 30.06	− 0.32	**+28.54**	325 14	......	....	.....	17 21 58.26	.....	+ 4 13	....
26	α Ophiuchi..............	9	30 12.92	− 0.32	**+28.52**	333 40	......	....	.....	17 30 41.12	.....	+12 37	....
	May 17, P.												
27	Moon N.................	.	.. ..	....	.....	298 7 48.20	46.613	− 2.78	−1 44.0	.. ..	.....	−22 54 26.7	....
28	Moon II, S............	9	35 57.67	− 0.41	+28.42	297 35 47.55	45.277	− 2.78	−1 46.3	17 36 25.68	−72.90	−23 26 57.6	....
	May 17, M.												
29	μ Herculis..............	5	42 24.72	− 0.34	**+28.46**	348 48	......	. ....	. ....	17 42 52.90	.....	+27 46	....
30	99 B. Camelopardalis S. P.	9	52 12.94	+ 1.04	+28.52	74 3 50.20	45.855	− 2.82	+3 14.1	5 52 42.50	+ 2.88	+66 53 42.6	− 5.8
31	γ Draconis..............	9	54 2.06	− 0.59	+28.52	12 31 52.40	42.060	− 2.82	+ 12.5	17 54 29.99	.....	+51 29 50.9	....
32	δ Ursæ Minoris.........	9	1 53.44	− 5.93	+28.52	47 35 54.10	47.443	− 2.84	+1 1.4	18 2 16.03	.....	+86 36 44.3	....
33	μ Sagittarii..............	6	7 48.85	− 0.39	+28.52	299 57 50.88	44.732	− 2.85	−1 36.6	18 8 16.98	.....	−21 4 58.5	....
34	η Serpentis..............	9	16 5.91	− 0.33	**+28.49**	318 5 50.68	46.778	− 2.87	− 50.1	18 16 34.10	.....	− 2 55 25.4	....
35	φ Draconis..............	9	21 40.62	− 1.01	+28.53	32 17 53.52	44.548	− 2.89	+ 35.5	18 22 8.14	− 3.36	+71 17 11.9	+11.3
36	3 H. Scuti..............	9	29 45.00	− 0.34	**+28.49**	312 43 48.65	44.362	− 2.91	−1 0.5	18 30 13.19	.....	− 8 18 33.1	....
37	153 H^1. Draconis..........	9	35 30.77	− 0.76	+28.53	26 23 51.38	47.622	− 2.92	+ 27.9	18 35 58.54	− 2.50	+65 24 12.4	+12.1
38	ε^2 Lyræ (*pr.*)............	9	40 52.96	− 0.39	+28.53	0 31 51.00	45.220	− 2.93	+ 0.6	18 41 21.10	− 1.34	+39 30 49.8	+10.4
39	30 Sagittarii..............	9	44 51.64	− 0.40	+28.53	298 45 50.82	47.435	− 2.94	−1 41.5	18 45 19.77	− 1.10	−22 16 1.7	− 2.3
40	51 H. Cephei S. P.	8	56 45.15	+ 7.42	+28.53	53 47 51.20	45.307	− 2.97	+1 16.7	6 57 21.10	.....	+87 11 51.2	....
41	17 Lyræ..................	9	3 29.81	− 0.36	+28.53	353 21 51.60	46.570	− 2.98	− 6.5	19 3 57.98	− 1.13	+32 21 14.1	+10.2
42	159 B. Lyræ..............	9	15 26.58	− 0.39	+28.53	1 11 53.00	46.212	− 3.01	+ 1.2	19 15 54.72	− 1.18	+40 11 15.0	+11.9
43	143 B. Camelopardalis S. P.	9	20 46.88	+ 1.11	+28.53	72 17 51.92	47.405	− 3.02	+2 54.8	7 21 16.52	.....	+68 39 25.0	....
	May 18, M.												
44	Sun I, N................	9	38 33.03	− 0.35	+28.63	340 51 52.10	43.868	− 4.26	− 19.1	3 39 1.31	+67.35	+19 49 59.4	....
45	Sun II, S..............	9	40 47.72	− 0.35	+28.63	340 19 51.28	44.968	− 4.26	− 19.6	3 41 16.00	−67.34	+19 18 22.5	....
46	Mercury C, C..........	9	32 23.27	− 0.37	+28.63	344 41 52.75	43.122	− 2.70	− 15.0	4 32 51.53	+ 0.03	+23 39 48.3	....
47	δ Ursæ Majoris..........	9	10 25.82	− 0.71	+28.72	18 31 51.02	49.743	− 2.42	+ 18.7	12 10 53.83	.....	+57 32 51.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 12 30	......	....	69.2
12 55	......	....	69.0
13 28	29.86	68.8	68.0
13 48	......	....	68.0
14 2	29.85	68.0	67.0
14 29	......	....	66.0
14 37	29.855	67.1	66.0
16 53	29.85	65.9	66.2
17 25	......	....	66.0
17 42	29.835	66.0	66.0
18 12	......	....	65.2
18 25	29.83	65.1	65.1
19 7	......	....	64.2
19 26	29.83	63.9	63.7
18 3 41	29.865	74.8	74.2
4 32	29.85	75.8	75.5
12 1	29.76	70.5	69.1

Micrometer bisections are made at II, VI, except as noted below.

2, 9, 17, 20, 30, 35, 37.	Bisections at III, V.
6, 8, 19, 22, 33, 45.	Bisections at VI, VII.
18.	Bisections at I, II, VI.
24.	Bisections at II, VII
27.	Bisections at I, II, III.
28.	Bisections at V, VI, VII.
32, 40, 43.	Bisections at III, IV, V.
44.	Bisections at I, II.
46.	Bisections at I, II, VI, VII.
47.	Bisections at I, III, VI.

Notes.

6–8, 22–24, 29, 40.	Clouds.
14.	Micrometer reading increased 1 rev.
43.	Unsteady.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
27	+51 59.8	−16 7.5	+ 0.1	+35 52.4
28	+52 15.8	+16 7.5	...	+68 23.3
44	+ 2.8	−15 48.4	...	−15 45.6
45	+ 2.9	+15 48.4	...	+15 51.3
46	+ 1.9	.. ....	+ 0.1	+ 2.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	c Virginis	9	15 13.12	− 0.39	+28.72	324 51 50.58	43.348	− 2.42	− 39.0	12 15 41.45	− 0.79	+ 3 49 27.6	+ 3.5
2	74 Ursæ Majoris	9	25 13.23	− 0.74	+28.72	19 55 52.08	44.612	− 2.42	+ 20.2	12 25 41.21	− 1.43	+58 54 57.0	−11.3
3	f Virginis	9	31 35.63	− 0.40	+28.72	315 41 50.88	46.558	− 2.42	− 54.1	12 32 3.95	.....	− 5 19 33.8	....
4	ρ Virginis	9	36 46.35	− 0.39	**+28.67**	331 46	......	....	.....	12 37 14.68	.....	+10 44	....
5	Groombridge 1922	9	40 21.61	− 0.54	+28.72	6 57 51.38	44.710	− 2.42	+ 6.9	12 40 49.79	− 1.20	+45 56 45.3	− 7.8
6	ψ Virginis	9	49 6.72	− 0.40	+28.72	311 59 48.82	44.642	− 2.42	−1 1.6	12 49 35.04	− 0.98	− 9 2 27.1	+ 6.7
7	ε Virginis	9	57 8.53	− 0.41	**+28.73**	332 27 50.12	47.555	− 2.42	− 28.9	12 57 36.84	.....	+11 27 13.4	....
8	14 Canum Venaticorum	9	0 59.37	− 0.47	+28.73	357 17 52.18	47.270	− 2.42	− 2.6	13 1 27.63	− 1.16	+36 17 35.2	− 4.8
9	43 Comæ Berenices	9	7 7.65	− 0.43	**+28.79**	349 22	......	....	.....	13 7 35.95	.....	+28 20	....
10	20 Canum Venaticorum	9	12 58.18	− 0.50	+28.73	2 3 50.40	47.058	− 2.42	+ 2.1	13 13 26.41	.....	+41 3 33.2	....
11	α Virginis	9	19 53.49	− 0.41	**+28.75**	310 22	......	....	.....	13 20 21.81	.....	−10 40	....
12	73 Virginis	9	26 37.93	− 0.43	+28.73	302 47 48.48	43.260	− 2.42	−1 26.2	13 27 6.23	− 1.19	−18 15 23.6	+ 7.8
13	ζ Virginis	7	29 33.04	− 0.39	**+28.72**	320 54	......	....	.....	13 30 1.38	.....	− 0 7	....
14	13 B. Ursæ Minoris	9	34 33.90	− 1.23	+28.73	32 43 51.75	43.620	− 2.42	+ 35.9	13 35 1.40	− 3.20	+71 42 49.8	−10.1
15	89 Virginis	9	44 25.21	− 0.43	**+28.68**	303 22	......	....	.....	13 44 53.51	.....	−17 40	....
16	η Boötis	9	49 51.14	− 0.40	**+28.75**	339 52	......	....	.....	13 50 19.47	.....	+18 51	....
	May 20, Fk.												
17	Sun I, N	9	46 30.99	− 0.34	+28.90	341 17 51.88	42.925	− 2.73	− 18.4	3 46 59.55	+67.55	+20 15 39.9	....
18	Sun II, S	9	48 46.10	− 0.34	+28.90	340 45 50.50	44.038	− 2.73	− 19.0	3 49 14.66	−67.56	+19 44 2.6	....
19	2 Canum Venaticorum	9	11 3.52	− 0.46	+28.94	2 9 51.65	49.505	− 2.37	+ 2.2	12 11 32.00	.....	+41 10 30.5	....
20	12 Comæ Berenices	9	17 25.24	− 0.39	+28.94	347 21 50.68	47.495	− 2.37	− 12.5	12 17 53.79	.....	+26 21 29.0	....
21	323 G. Hydræ	9	21 33.22	− 0.50	+28.94	288 43 49.05	46.590	− 2.37	−2 42.8	12 22 1.66	− 1.01	−32 19 23.4	+12.8
22	β Corvi	9	29 5.61	− 0.44	+28.94	298 9 46.68	43.978	− 2.37	−1 44.0	12 29 34.11	.....	−22 53 26.7	....
23	9 Canum Venaticorum	9	33 53.33	− 0.45	+28.94	2 23 51.78	45.538	− 2.37	+ 2.4	12 34 21.82	− 1.06	+41 23 0.3	− 7.2
24	ρ Virginis	9	36 46.01	− 0.36	**+28.97**	331 46	......	....	.....	12 37 14.59	.....	+10 44	....
25	35 Virginis	9	42 42.62	− 0.36	**+28.99**	325 5 49.05	46.065	− 2.37	− 39.0	12 43 11.20	.....	+ 4 4 28.3	....
26	ψ Virginis	9	49 6.44	− 0.38	+28.94	311 59 48.98	44.688	− 2.37	−1 2.0	12 49 35.00	− 0.97	− 9 2 26.2	+ 6.7
27	12 Canum Venaticorum	5	51 16.19	− 0.43	+28.94	359 49 51.78	45.775	− 2.37	− 0.1	12 51 44.70	.....	+38 49 3.1	....
28	ε Virginis	9	57 8.23	− 0.36	**+28.96**	332 27 52.05	47.490	− 2.37	− 29.1	12 57 36.81	.....	+11 27 13.7	....
29	44 H. Cephei s. p.	9	3 42.06	+ 2.05	+28.94	61 47 54.70	46.707	− 2.37	+1 44.6	1 4 13.05	+ 4.40	+79 10 47.7	+14.7
30	σ Virginis	9	12 29.96	− 0.36	+28.94	326 59 49.90	42.730	− 2.37	− 36.4	13 12 58.54	− 1.04	+ 5 57 15.5	+ 2.8
31	ψ Cassiopeiæ s. p.	8	18 53.02	+ 1.06	+28.94	73 19 48.18	43.612	− 2.37	+3 5.6	1 19 23.02	+ 2.31	+67 38 44.0	+13.9
32	38 Cassiopeiæ s. p.	9	23 49.63	+ 1.16	+28.94	71 9 49.90	48.440	− 2.37	+2 43.6	1 24 19.73	.....	+69 47 13.9	....
33	ζ Virginis	9	29 32.84	− 0.36	**+28.89**	320 53 49.98	46.140	− 2.37	− 45.4	13 30 1.43	.....	− 0 7 35.5	....
34	13 B. Ursæ Minoris	9	34 33.50	− 1.08	+28.95	32 43 52.75	43.552	− 2.37	+ 36.1	13 35 1.37	− 3.13	+71 42 49.6	−10.5
35	83 Virginis	9	39 4.62	− 0.40	+28.95	305 19 49.62	43.700	− 2.37	−1 18.8	13 39 33.17	− 1.21	−15 43 5.0	+ 7.2
36	h Centauri	9	47 27.62	− 0.48	+28.95	289 35 49.58	43.232	− 2.37	−2 35.7	13 47 56.09	− 1.42	−31 28 32.5	+ 9.4
37	b H. Boötis	4	3 48.18	− 0.44	+28.95	5 17 51.98	47.045	− 2.37	+ 5.3	14 4 16.69	− 1.58	+44 17 37.7	− 4.4
38	f Boötis	9	21 43.36	− 0.34	**+28.90**	340 39 50.88	45.058	− 2.37	− 19.6	14 22 11.97	.....	+19 38 26.4	....
39	36 H. Cassiopeiæ s. p.	9	28 42.02	+ 1.28	+28.95	68 33 52.18	45.167	− 2.37	+2 22.2	2 29 12.25	.....	+72 24 47.9	....
40	142 H¹. Cephei s. p.	8	33 49.19	+ 2.37	+28.95	59 55 53.98	45.487	− 2.37	+1 36.8	2 34 20.51	+ 7.24	+81 3 24.0	+ 8.8
41	μ Virginis	9	37 45.38	− 0.36	**+28.96**	315 46	......	....	.....	14 38 13.97	.....	− 5 15	....
	May 22, P.												
42	Sun I, N	9	54 31.07	− 0.33	+29.14	341 41 50.60	43.732	− 1.92	− 18.2	3 54 59.88	+67.80	+20 39 58.0	....
43	Sun II, S	9	56 46.68	− 0.33	+29.14	341 9 51.05	44.790	− 1.92	− 18.7	3 57 15.48	−67.81	+20 8 21.4	....
44	Mercury I, C	9	5 35.96	− 0.34	+29.15	345 57 53.70	45.846	− 1.29	− 13.7	5 6 4.77	+ 0.22	+24 56 54.2	....
45	2 Canum Venaticorum	9	11 3.30	− 0.45	+29.17	2 11 51.52	44.202	− 1.01	+ 2.2	12 11 32.02	.....	+41 10 30.6	....
46	η Virginis	9	14 43.93	− 0.38	**+29.19**	320 52	......	....	.....	12 15 12.72	.....	− 0 9	....
47	12 Comæ Berenices	9	17 24.98	− 0.38	+29.17	347 21 50.80	47.495	− 1.04	− 12.4	12 17 53.77	.....	+26 21 30.5	....
48	323 G. Hydræ	9	21 32.92	− 0.46	+29.17	288 43 48.78	46.467	− 1.05	−2 42.1	12 22 1.63	− 0.99	−32 19 24.4	+13.0
49	δ Corvi	9	24 38.28	− 0.38	**+29.15**	305 2	......	..	.....	12 25 7.07	.....	−16 0	....
50	β Corvi	9	29 5.32	− 0.41	+29.17	298 9 47.20	43.888	− 1.08	−1 43.5	12 29 34.08	.....	−22 53 26.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 12 19	......	....	68.2
12 44	......	....	67.2
13 9	29.76	67.9	66.5
13 39	29.76	67.0	65.9
20 3 49	29.62	73.9	74.2
12 4	29.64	64.7	[illegible]
12 15	......	....	62.8
12 26	29.66	64.4	62.7
12 46	......	....	62.4
13 9	29.665	63.5	61.4
13 27	......	....	61.9
13 51	29.67	63.4	61.8
14 13	29.675	63.3	61.8
14 42	29.675	63.3	62.2
[illegible] 3 57	[illegible]	75.5	76.3
5 6	[illegible]	77.0	78.2
12 8	29.995	72.2	71.0

Micrometer bisections are made at II, VI, except as noted below.

14, 23. Bisections at III, V.
17, 42. Bisections at I, II.
18, 43. Bisections at VI, VII.
27, 37. Bisections at V, VI.
29, 31, 32, 34, 39, 40. Bisections at III, IV, V.
44. Bisections at I, II, VI, VII.
48, 50. Bisections at I, II, VI.

Notes.

13, 16. Clouds.
19, 37. Observed head north.
36. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
17	+ 2.7	−15 48.6	...	−15 45.9
18	+ 2.8	+15 48.6	...	+15 51.4
42	+ 2.7	−15 48.3	...	−15 45.6
43	+ 2.8	+15 48.2	...	+15 51.0
44	+ 1.8	.. ....	+0.1	+ 1.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	9 Canum Venaticorum...	9	33 53.21	− 0.45	+29.17	2 23 51.08	45.502	− 1.10	+ 2.4	12 34 21.93	− 1.04	+41 22 59.9	− 7.5
2	ρ Virginis...............	9	36 45.76	− 0.35	**+29.19**	331 46	......	....	.....	12 37 14.58	.....	+10 44	....
3	35 Virginis...............	9	42 42.43	− 0.35	**+29.16**	325 6	......	....	.....	12 43 11.25	.....	+ 4 4	....
4	31 Comæ Berenices.......	9	46 45.32	− 0.38	**+29.14**	349 4	......	....	.....	12 47 14.11	.....	+28 2	....
5	ε Ursæ Majoris.........	9	49 32.17	− 0.62	+29.17	17 27 53.32	46.718	− 1.16	+ 17.6	12 50 0.72	.....	+56 27 45.2	....
6	ε Virginis...............	9	57 7.97	− 0.35	**+29.20**	332 27 50.42	47.535	− 1.19	− 29.0	12 57 36.79	.....	+11 27 14.4	....
7	σ Virginis...............	9	12 29.73	− 0.35	+29.18	326 59 49.08	42.700	− 1.25	− 36.2	13 12 58.56	− 1.03	+ 5 57 15.3	+ 2.6
8	ζ^1 Ursæ Majoris.........	8	19 46.62	− 0.60	+29.18	16 23 49.80	48.928	− 1.28	+ 16.5	13 20 15.20	.....	+55 24 31.0	....
9	70 Virginis...............	9	23 28.09	− 0.35	+29.18	335 17 51.90	44.692	− 1.29	− 25.6	13 23 56.92	.....	+14 16 14.2	....
10	83 Virginis...............	9	39 4.31	− 0.38	+29.18	305 19 49.30	43.678	− 1.35	−1 18.5	13 39 33.11	− 1.20	−15 43 4.5	+ 7.2
	May 23, M.												
11	2 Canum Venaticorum...	9	11 2.97	− 0.44	+29.42	2 11 51.05	44.280	− 1.52	+ 2.2	12 11 31.95	.....	+41 10 31.4	....
12	12 Comæ Berenices.......	8	17 24.72	− 0.37	+29.42	347 21 49.80	47.508	− 1.52	− 12.4	12 17 53.77	.....	+26 21 29.4	....
13	33 H^1. Virginis..........	9	22 40.04	− 0.35	+29.42	316 55 48.40	44.222	− 1.52	− 51.7	12 23 9.11	− 0.80	− 4 6 26.3	+ 5.6
14	β Corvi..................	9	29 5.11	− 0.40	+29.42	298 9 45.48	43.948	− 1.52	−1 43.1	12 29 34.13	.....	−22 53 26.9	....
15	ρ Virginis...............	9	36 45.47	− 0.34	**+29.47**	331 45 48.20	45.932	− 1.52	− 29.7	12 37 14.55	.....	+10 44 34.5	....
16	35 Virginis...............	9	42 42.12	− 0.34	**+29.45**	325 5 46.88	46.108	− 1.52	− 38.7	12 43 11.20	.....	+ 4 4 28.2	....
17	ε Ursæ Majoris.........	9	49 31.74	− 0.61	+29.42	17 27 50.65	46.918	− 1.52	+ 17.6	12 50 0.55	.....	+56 27 46.6	....
18	8 Draconis...............	8	51 22.39	− 0.84	+29.42	26 55 51.48	48.282	− 1.52	+ 28.3	12 51 50.97	.....	+65 56 29.4	....
19	ε Virginis...............	9	57 7.75	− 0.34	**+29.41**	332 27 48.15	47.605	− 1.52	− 28.9	12 57 36.83	.....	+11 27 13.5	....
20	44 H. Cephei s. P.	9	3 41.62	+ 1.99	+29.42	61 47 51.95	46.902	− 1.52	+1 43.7	1 4 13.03	+ 4.16	+79 10 45.9	+15.1
21	σ Virginis...............	9	12 29.48	− 0.34	+29.43	326 59 47.18	42.778	− 1.52	− 36.1	13 12 58.57	− 1.02	+ 5 57 15.0	+ 2.5
22	ψ Cassiopeiæ s. P.	9	18 52.62	+ 1.02	+29.43	73 19 51.55	43.507	− 1.52	+3 4.2	1 19 23.07	+ 2.18	+67 38 43.6	+14.2
23	38 Cassiopeiæ s. P.	9	23 49.07	+ 1.12	+29.43	71 9 49.25	48.557	− 1.52	+2 42.4	1 24 19.62	.....	+69 47 12.3	....
24	ζ Virginis...............	9	29 32.27	− 0.34	**+29.43**	320 53 47.45	46.210	− 1.52	− 45.1	13 30 1.36	.....	− 0 7 35.3	....
25	25 Canum Venaticorum...	9	32 54.71	− 0.41	+29.43	357 45 50.72	48.085	− 1.52	− 2.1	13 33 23.73	.....	+36 45 53.7	....
26	83 Virginis...............	9	39 4.01	− 0.37	+29.43	305 19 46.85	43.780	− 1.52	−1 18.3	13 39 33.07	− 1.20	−15 43 4.6	+ 7.2
27	*h* Centauri.............	9	47 27.03	− 0.44	+29.43	289 35 46.12	43.255	− 1.52	−2 34.7	13 47 56.02	− 1.40	−31 28 33.6	+ 9.7
28	50 Cassiopeiæ s. P.	9	54 59.79	+ 1.24	+29.43	68 59 50.25	46.310	− 1.52	+2 24.7	1 55 30.46	.....	+71 58 20.3	....
29	9 H. Boötis.............	9	3 47.75	− 0.46	+29.43	5 17 50.32	47.102	− 1.52	+ 5.2	14 4 16.72	− 1.57	+44 17 38.1	− 5.1
30	ι Virginis...............	9	10 43.52	− 0.35	**+29.41**	315 27 47.30	46.158	− 1.52	− 54.7	14 11 12.60	.....	− 5 33 46.0	....
31	λ Virginis...............	9	13 40.02	− 0.37	**+29.42**	308 5 45.58	43.790	− 1.52	−1 11.0	14 14 9.08	.....	−12 56 58.4	....
32	36 H. Cassiopeiæ s. P.	9	28 41.51	+ 1.26	+29.43	68 33 49.50	45.355	− 1.52	+2 21.6	2 29 12.20	.....	+72 24 45.9	....
33	118 H^1. Cassiopeiæ s. P. ...	9	36 20.35	+ 1.01	+29.43	73 31 51.15	45.700	− 1.52	+3 7.2	2 36 50.79	+ 2.83	+67 25 50.8	+ 9.6
	May 23, P.												
34	157 H^1. Cephei s. P.	9	58 12.17	+ 5.00	+29.35	55 9 47.60	43.621	− 1.49	+1 20.4	4 58 46.52	+17.16	+85 50 28.5	− 2.2
35	η Ophiuchi..............	9	4 38.62	− 0.40	**+29.30**	305 25 49.28	44.710	− 1.50	−1 18.4	17 5 7.57	.....	−15 36 41.0	....
36	α Herculis..............	9	9 59.61	− 0.36	**+29.33**	335 31 51.20	43.235	− 1.52	− 25.4	17 10 28.60	.....	+14 29 40.2	....
37	*u* Herculis..............	9	13 28.25	− 0.41	+29.35	354 13 52.15	42.960	− 1.53	− 5.6	17 13 57.19	− 1.61	+33 11 54.5	+ 4.7
38	σ Ophiuchi..............	9	21 29.37	− 0.36	**+29.37**	325 13 49.70	47.828	− 1.55	− 38.7	17 21 58.36	.....	+ 4 13 10.3	....
39	β Draconis...............	9	27 54.57	− 0.55	+29.35	13 21 52.10	47.870	− 1.57	+ 13.4	17 28 23.37	.....	+52 22 5.6	....
40	*f* Draconis...............	9	31 54.79	− 0.92	+29.35	29 11 50.80	45.750	− 1.58	+ 31.4	17 32 23.22	− 3.38	+68 11 33.9	+ 6.2
41	β Ophiuchi..............	9	38 28.01	− 0.36	**+29.38**	325 37 50.10	45.490	− 1.60	− 38.2	17 38 57.00	.....	+ 4 36 17.7	....
42	γ Ophiuchi..............	9	42 49.10	− 0.36	+29.35	323 45 49.38	46.125	− 1.61	− 40.9	17 43 18.09	− 1.35	+ 2 44 28.8	+ 2.9
43	99 B. Camelopardalis s. P.	9	52 12.11	+ 0.98	+29.36	74 3 50.05	45.830	− 1.64	+3 14.1	5 52 42.45	+ 2.91	+66 53 42.2	− 4.7
44	δ Ursæ Minoris.........	9	1 53.00	− 6.02	+29.36	47 35 50.32	47.601	− 1.66	+1 1.4	18 2 16.34	.....	+86 36 45.4	....
45	μ Sagittarii..............	9	7 48.11	− 0.41	+29.36	299 57 47.48	44.835	− 1.68	−1 36.5	18 8 17.06	.....	−21 4 58.2	....
46	η Serpentis.............	9	16 5.21	− 0.36	**+29.36**	318 5 49.58	46.838	− 1.70	− 50.1	18 16 34.21	.....	− 2 55 24.0	....
47	φ Draconis...............	9	21 39.95	− 1.06	+29.36	32 17 51.40	44.655	− 1.72	+ 35.5	18 22 8.25	− 3.57	+71 17 13.4	+ 9.7
48	3 H. Scuti...............	9	29 44.31	− 0.37	**+29.35**	312 43 48.35	44.375	− 1.74	−1 0.5	18 30 13.30	.....	− 8 18 31.9	....
49	153 H^1. Draconis..........	9	35 30.18	− 0.81	+29.36	26 23 50.18	47.685	− 1.76	+ 27.9	18 35 58.73	− 2.69	+65 24 13.8	+10.5
50	ϵ^2 Lyræ (*pr.*)............	9	40 52.28	− 0.43	+29.36	0 31 52.85	45.188	− 1.77	+ 0.6	18 41 21.21	− 1.49	+39 30 52.2	+ 9.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 12 37	......	....	70.2
12 55	......	....	70.0
13 8	30.00	71.0	69.6
13 28	......	....	69.5
13 49	29.99	70.1	69.3
23 12 7	30.00	74.8	73.7
12 20	......	....	73.0
13 0	......	....	71.8
13 17	30.02	72.2	71.6
13 47	......	....	70.8
13 57	30.02	70.9	70.4
14 40	30.015	70.7	69.8
16 54	29.995	68.7	68.0
17 20	......	....	68.2
17 37	29.98	68.8	68.3
17 57	......	....	68.1
18 20	......	....	67.8
18 39	29.97	68.0	67.1

Micrometer bisections are made at II, VI, except as noted below.

5, 8, 20, 32, 33, 40, 47, 49, 50.	Bisections at III, V.
18.	Bisections at IV, V.
22, 23, 28, 43.	Bisections at III, IV, V.
30.	Bisections at I, II.
34, 44.	Bisections at b_1, b_3, b_5, b_7, b_9.
45.	Bisections at II, VI, VII.

Notes.

11. Micrometer reading increased 1 rev.
50. Assumed that preceding was observed.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	30 Sagittarii	9	44 51.04	− 0.41	+29.36	298 45 48.05	47.540	− 1.78	−1 41.4	18 45 19.99	− 1.27	−22 16 0.8	− 2.5
2	θ Serpentis	9	51 10.89	− 0.35	**+29.37**	325 6	......	....	. ....	18 51 39.90	.....	+ 4 4	....
3	51 H. Cephei s. p.	9	56 43.01	+ 7.41	+29.36	53 47 51.10	45.292	− 1.82	+1 16.7	6 57 19.78	.....	+87 11 50.6	....
4	17 Lyræ	9	3 29.06	− 0.39	+29.36	353 21 51.25	46.655	− 1.83	− 6.5	19 3 58.03	− 1.28	+32 21 16.9	+ 8.9
5	ψ Sagittarii	9	9 26.31	− 0.42	+29.36	295 37 47.72	45.980	− 1.85	−1 56.1	19 9 55.25	.....	−25 24 51.6	....
6	159 B. Lyræ	9	15 25.95	− 0.42	+29.36	1 11 52.75	46.285	− 1.87	+ 1.2	19 15 54.89	− 1.34	+40 11 17.5	+10.5
7	143 B. Camelopardalis s. p.	9	20 45.94	+ 1.07	+29.36	72 17 51.30	47.387	− 1.88	+2 54.6	7 21 16.37	.....	+68 39 25.1	....
8	Moon II	8	42 22.94	− 0.39	+29.39	312 50	......	....	. ....	23 42 51.94	67.13	.. ..	....
	May 24, M.												
9	30 Ophiuchi	9	55 44.66	− 0.37	+29.61	316 57 49.25	42.368	− 1.06	− 52.0	16 56 13.90	.....	− 4 5 7.7	....
10	η Ophiuchi	9	4 38.34	− 0.39	**+29.59**	305 25 47.00	44.750	− 1.06	−1 18.1	17 5 7.56	.....	−15 36 41.6	....
11	π Herculis	9	11 23.09	− 0.48	+29.61	357 55 49.68	44.988	− 1.06	− 2.0	17 11 52.22	.....	+36 54 42.5	....
12	σ Ophiuchi	9	21 29.12	− 0.37	**+29.65**	325 14	......	....	. ....	17 21 58.36	.....	+ 4 13	....
13	x Herculis	9	23 50.80	− 0.59	+29.61	9 21 49.80	43.070	− 1.06	+ 9.2	17 24 19.82	− 1.90	+48 20 9.9	+ 5.3
14	f Draconis	9	31 54.64	− 1.10	+29.61	29 11 50.00	45.812	− 1.06	+ 31.3	17 32 23.15	− 3.41	+68 11 34.6	+ 5.8
15	β Ophiuchi	7	38 27.84	− 0.37	**+29.58**	325 37 47.95	45.518	− 1.06	− 38.1	17 38 57.08	.....	+ 4 36 16.9	....
16	γ Ophiuchi	9	42 48.87	− 0.37	+29.61	323 45 48.00	46.113	− 1.06	− 40.8	17 43 18.11	− 1.37	+ 2 44 27.7	+ 2.8
17	99 **B. Camelopardalis s. p.**	6	52 11.75	+ 1.14	+29.61	74 3 48.72	45.923	− 1.06	+3 13.6	5 52 42.50	+ 2.92	+66 53 41.1	− 4.5
18	72 Ophiuchi	9	2 31.37	− 0.38	**+29.63**	330 33 47.30	47.065	− 1.06	− 31.4	18 3 0.60	.....	+ 9 32 58.3	....
19	40 Draconis	7	6 35.24	− 2.40	+29.61	40 59 51.18	44.245	− 1.06	+ 48.6	18 7 2.45	− 6.77	+79 59 17.5	+ 8.1
20	η Serpentis	9	16 5.05	− 0.37	**+29.55**	318 5 47.65	46.842	− 1.06	− 49.9	18 16 34.29	.....	− 2 55 25.0	....
21	φ Draconis	8	21 39.93	− 1.28	+29.62	32 17 50.10	44.708	− 1.06	+ 35.4	18 22 8.27	− 3.61	+71 17 13.5	+ 9.4
22	3 H. Scuti	9	29 44.04	− 0.38	**+29.66**	312 43 47.32	44.378	− 1.06	−1 0.3	18 30 13.28	.....	− 8 18 32.0	....
23	153 H¹ Draconis	9	35 29.98	− 0.97	+29.62	26 23 49.10	47.735	− 1.06	+ 27.9	18 35 58.63	− 2.72	+65 24 14.6	+10.2
24	φ Sagittarii	9	39 26.76	− 0.42	+29.62	293 57 46.70	45.775	− 1.06	−2 4.8	18 39 55.96	.....	−27 5 5.1	....
25	30 Sagittarii	9	44 50.77	− 0.41	+29.62	298 45 45.95	47.590	− 1.06	−1 41.3	18 45 19.98	− 1.29	−22 16 0.9	− 2.6
26	θ Serpentis	9	51 10.68	− 0.37	**+29.63**	325 5 48.40	47.368	− 1.06	− 39.0	18 51 39.93	.....	+ 4 4 58.7	....
27	γ Lyræ	9	55 2.31	− 0.45	+29.62	353 33 48.85	47.732	− 1.06	− 6.2	18 55 31.48	.....	+32 33 40.2	....
28	17 Lyræ	9	3 28.94	− 0.45	+29.62	353 21 47.25	46.742	− 1.06	− 6.4	19 3 58.11	− 1.30	+32 21 15.7	+ 8.6
29	ψ Sagittarii	9	9 26.03	− 0.42	+29.62	295 37 45.38	46.005	− 1.06	−1 55.9	19 9 55.23	.....	−25 24 52.3	....
30	159 B. Lyræ	9	15 25.76	− 0.51	+29.62	1 11 49.48	46.440	− 1.06	+ 1.2	19 15 54.87	− 1.37	+40 11 18.6	+10.3
31	143 B. Camelopardalis s. p.	9	20 45.55	+ 1.22	+29.62	72 17 48.52	47.530	− 1.06	+2 54.4	7 21 16.39	.....	+68 39 24.0	....
32	Moon II	9	35 19.84	− 0.37	+29.65	318 30	......	....	. ....	0 35 49.12	−66.10	.. ..	....
	May 25, M.												
33	Sun I, S	9	6 35.51	− 0.40	+29.67	341 43 49.18	44.312	− 0.86	− 18.0	4 7 4.78	+67.82	+20 42 11.1	....
34	Sun II, N	8	8 51.16	− 0.40	+29.67	342 15 49.90	43.220	− 0.86	− 17.4	4 9 20.43	−67.83	+21 13 46.8	....
35	Mercury C, C	9	28 46.72	− 0.44	+29.68	346 29 51.78	44.055	− 0.67	− 13.0	5 29 15.96	+ 0.07	+25 28 12.6	....
36	20 Comæ Berenices	9	24 37.44	− 0.41	+29.74	342 25 48.72	44.868	− 0.16	− 17.4	12 25 6.77	.....	+21 24 24.3	....
37	f Virginis	9	31 34.47	− 0.37	+29.74	315 41 46.62	46.645	− 0.16	− 53.6	12 32 3.84	.....	− 5 19 33.3	....
38	ρ Virginis	9	36 45.21	− 0.38	**+29.75**	331 45 46.85	45.895	− 0.16	− 29.5	12 37 14.57	.....	+10 44 33.9	....
39	35 Virginis	9	42 41.80	− 0.38	**+29.79**	325 5 46.15	46.070	− 0.16	− 38.3	12 43 11.16	.....	+ 4 4 28.4	....
40	ε Virginis	8	57 7.38	− 0.39	**+29.81**	332 28	......	....	. ....	12 57 36.73	.....	+11 27	....
41	14 **Canum Venaticorum**	9	0 58.26	− 0.49	+29.74	357 17 47.88	47.400	− 0.16	− 2.5	13 1 27.51	− 1.10	+36 17 36.2	− 6.0
42	17 Canum Venaticorum	9	5 21.73	− 0.51	+29.74	359 59 47.98	46.798	− 0.16	+ 0.1	13 5 50.96	− 1.16	+38 59 25.1	− 6.6
43	61 Virginis	9	13 7.13	− 0.38	+29.74	303 13 45.00	46.528	− 0.16	−1 23.8	13 13 36.49	.....	−17 48 7.7	....
44	ψ Cassiopeiæ s. p.	9	18 52.18	+ 1.17	+29.75	73 19 45.68	43.845	− 0.16	+3 2.4	1 19 23.10	+ 2.08	+67 38 42.1	+14.6
45	69 H. Ursæ Majoris	9	24 37.54	− 0.84	+29.75	21 25 46.92	46.032	0.16	+ 21.7	13 25 6.45	.....	+60 25 28.0	....
46	ζ Virginis	9	29 31.96	− 0.37	**+29.77**	320 54	......	....	. ....	13 30 1.34	.....	− 0 7	....
47	25 **Canum Venaticorum**	9	32 54.48	− 0.49	+29.75	357 45 45.72	48.200	− 0.16	− 2.1	13 33 23.74	.....	+36 45 52.7	....
48	83 Virginis	9	39 3.69	− 0.38	+29.75	305 19 46.25	43.660	− 0.16	−1 17.5	13 39 33.06	− 1.19	−15 43 5.8	+ 7.2
49	h Centauri	9	47 26.73	− 0.42	+29.75	289 35 45.80	43.108	− 0.16	−2 33.2	13 47 56.06	− 1.40	−31 28 34.6	+ 9.8
50	48 Hydræ	9	54 22.84	− 0.40	+29.75	296 27 45.12	48.455	− 0.16	−1 50.0	13 54 52.19	.....	−24 33 49.8	....
51	9 H. Boötis	9	3 47.46	− 0.56	+29.75	5 17 47.42	47.192	− 0.16	+ 5.2	14 4 16.65	− 1.56	+44 17 38.6	− 5.6
52	ι Virginis	9	10 43.19	− 0.37	**+29.76**	315 28	......	....	. ....	14 11 12.57	.....	− 5 33	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 19 6	......	....	66.6
19 22	29.97	67.1	66.9
24 16 53	30.02	71.6	70.5
17 8	......	....	70.5
17 48	30.02	71.2	70.2
18 12	......	....	70.1
18 33	30.01	69.6	68.5
19 7	......	....	68.0
19 24	30.005	68.9	68.0
25 4 9	30.04	81.8	82.0
5 29	30.02	83.7	84.6
12 22	29.95	76.8	75.8
12 40	......	....	75.3
13 9	29.945	76.0	75.1
13 37	......	....	74.6
14 7	29.94	74.8	73.8

Micrometer bisections are made at II, VI, except as noted below.

8. Bisections at b_1, b_3, b_5, b_7, b_9.
5, 16. Bisections at II, VI, VII.
7, 31. Bisections at III, IV, V.
17. Bisections at II, III, IV.
19. Bisections at IV, V.
23, 44. Bisections at III, V.
33. Bisections at I, II.
34, 49. Bisections at VI, VII.
35. Bisections at I, II, VI, VII.

Notes.

15, 16. *Haze.*
17, 39, 40. *Clouds.*

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
33	+ 2.7	+15 47.8	...	+15 50.5
34	+ 2.6	−15 47.8	...	−15 45.2
35	+ 1.9	.. ....	+ 0.1	+ 2.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	21 B. Vulpeculæ	9	21 8.83	− 0.36	+30.16	345 45 49.25	45.450	+ 0.74	− 13.9	19 21 38.63	− 1.23	+24 44 42.6	+ 7.1
2	225 B. Draconis	9	26 53.77	− 2.12	+30.16	40 25 48.68	43.540	+ 0.74	+ 47.1	19 27 21.81	− 5.35	+79 24 59.2	+12.7
3	ε Sagittæ	9	32 38.92	− 0.34	+30.16	337 15 48.28	47.400	+ 0.74	− 23.1	19 33 8.74	− 1.13	+16 15 17.0	+ 5.5
4	e Sagittarii	9	36 46.80	− 0.34	+30.16	304 41 46.88	45.710	+ 0.74	−1 19.4	19 37 16.62	− 1.12	−16 20 19.3	− 2.6
5	α Aquilæ	9	45 48.95	− 0.33	**+30.17**	329 39 46.68	43.078	+ 0.74	− 32.3	19 46 18.78	.....	+ 8 37 27.4	....
6	β Aquilæ	9	50 18.95	− 0.32	**+30 08**	327 11 47.58	46.080	+ 0.74	− 35.5	19 50 48.79	.....	+ 6 10 33.7	....
7	γ Sagittæ	9	54 11.24	− 0.35	**+30.11**	340 15 48.85	45.025	+ 0.74	− 19.8	19 54 41.05	.....	+19 14 26.6	....
	May 28, M.												
8	Sun I, N	9	18 44.36	− 0.36	+30.19	342 45 49.82	44.668	+ 0.51	− 16.6	4 19 14.19	+68.11	+21 44 22.6	....
9	Sun II, S	9	21 0.58	− 0.36	+30.19	342 13 49.38	45.878	+ 0.51	− 17.2	4 21 30.41	−68.11	+21 12 48.6	....
10	Mercury C, C	9	50 7.95	− 0.38	+30.20	346 39 49.72	46.745	+ 1.02	− 12.6	5 50 37.77	+ 0.08	+25 39 14.1	....
11	Venus I, C	9	14 54.62	− 0.37	+30.21	346 15 49.28	39.712	+ 1.02	− 13.0	7 15 24.46	+ 1.35	+25 14 15.7	....
12	35 Virginis	9	42 41.25	− 0.33	**+30.27**	325 6	......	....	.....	12 43 11.14	.....	+ 4 4	....
13	31 Comæ Berenices	9	46 44.22	− 0.40	**+30.21**	349 4	......	....	.....	12 47 14.04	.....	+28 2	....
14	ε Ursæ Majoris	9	49 30.89	− 0.69	+30.22	17 27 49.92	46.858	+ 1.58	+ 17.3	12 50 0.42	.....	+56 27 47.3	....
15	1 B. Ursæ Minoris S. P.	7	56 30.07	+16.30	+30.22	52 27 47.70	46.353	+ 1.58	+1 11.2	0 57 16.59	+26.19	+88 31 32.1	+16.0
16	17 Canum Venaticorum	9	5 21.17	− 0.46	+30.22	359 59 48.60	46.728	+ 1.58	+ 0.1	13 5 50.93	− 1.12	+38 59 25.9	− 7.1
17	61 Virginis	9	13 6.53	− 0.34	+30.23	303 13 44.68	46.478	+ 1.58	−1 23.1	13 13 36.42	.....	−17 48 6.8	....
18	ζ^1 Ursæ Majoris	9	19 45.47	− 0.67	+30.23	16 23 48.65	48.972	+ 1.58	+ 16.2	13 20 15.03	.....	+55 24 33.2	....
19	69 H. Ursæ Majoris	9	24 36.97	− 0.68	+30.23	21 25 49.95	45.875	+ 1.58	+ 21.6	13 25 6.52	.....	+60 25 29.1	....
20	40 Cassiopeiæ S. P.	7	30 34.40	+ 1.45	+30.23	68 23 49.75	47.395	+ 1.58	+2 18.0	1 31 6.08	.....	+72 33 59.6	....
21	*m* Virginis	8	36 18.19	− 0.33	**+30.18**	312 47 47.10	44.545	+ 1.58	− 59.0	13 36 48.09	.....	− 8 14 24.5	....
22	η Ursæ Majoris	9	43 26.84	− 0.58	+30.23	10 47 47.70	43.890	+ 1.58	+ 10.5	13 43 56.49	.....	+49 46 30.5	....
23	η Boötis	9	49 49.55	− 0.36	**+30.27**	339 51 48.32	47.975	+ 1.58	− 20.0	13 50 19.42	.....	+18 51 34.1	....
24	11 Boötis	9	56 31.61	− 0.40	+30.23	348 49 47.85	48.548	+ 1.58	− 10.8	13 57 1.44	.....	+27 49 55.9	....
25	9 H. Boötis	9	3 46.93	− 0.51	+30.23	5 17 50.32	47.042	+ 1.58	+ 5.2	14 4 16.65	− 1.53	+44 17 39.9	− 6.3
26	λ Virginis	9	13 39.16	− 0.33	**+30.24**	308 5 46.22	43.615	+ 1.58	−1 9.9	14 14 9.06	.....	−12 56 57.5	....
27	52 Hydræ	9	22 18.57	− 0.36	+30.23	291 57 47.60	46.720	+ 1.58	−2 14.9	14 22 48.44	− 1.50	−29 4 50.1	+ 8.1
28	ρ Boötis	9	27 23.47	− 0.41	+30.23	351 47 49.20	44.805	+ 1.58	− 7.9	14 27 53.29	.....	+30 46 34.6	....
29	6 B. Libræ	9	31 37.39	− 0.33	+30.23	309 7 46.28	43.565	+ 1.58	−1 7.4	14 32 7.29	− 1.35	−11 54 56.0	+ 5.1
30	ζ Boötis (*mean*)	9	36 16.69	− 0.35	+30.23	335 7 48.35	47.740	+ 1.58	− 25.4	14 36 46.57	.....	+14 7 23.4	....
31	109 Virginis	9	41 7.31	− 0.33	**+30.18**	323 17 48.25	46.855	+ 1.58	− 40.9	14 41 37.21	.....	+ 2 16 47.6	....
32	295 B. Boötis	9	45 1.81	− 0.46	+30.24	359 11 49.52	46.908	+ 1.58	− 0.7	14 45 31.59	− 1.58	+38 11 30.1	− 3.5
33	β Ursæ Minoris	9	50 33.37	− 1.51	+30.24	35 31 49.80	46.672	+ 1.58	+ 39.4	14 51 2.10	.....	+74 32 5.1	....
34	*i* Boötis (*fol.*)	9	0 17.68	− 0.55	+30.24	9 1 47.15	44.912	+ 1.58	+ 8.8	15 0 47.37	− 1.87	+48 0 51.6	− 4.3
35	ι Libræ	9	6 30.07	− 0.34	**+30.27**	301 35 46.08	45.100	+ 1.58	−1 29.1	15 6 59.97	.....	−19 26 42.9	....
	May 28, P.												
36	ξ Serpentis	9	31 50.80	− 0.33	**+30.13**	305 41 47.72	45.170	+ 1.83	−1 16.6	17 32 20.62	.....	−15 20 26.9	....
37	β Ophiuchi	9	38 27.28	− 0.32	**+30.16**	325 37 48.43	45.430	+ 1.80	− 37.7	17 38 57.12	.....	+ 4 36 18.6	....
38	ψ^1 Draconis	9	43 9.67	− 1.24	+30.16	33 11 49.92	45.520	+ 1.77	+ 36.3	17 43 38.59	.....	+72 11 36.0	....
39	89 Herculis	9	51 14.14	− 0.37	**+30.31**	347 3 49.82	48.230	+ 1.73	− 12.6	17 51 43.93	.....	+26 3 48.9	....
40	γ Draconis	9	54 0.72	− 0.57	+30.16	12 31 49.20	42.165	+ 1.72	+ 12.3	17 54 30.31	.....	+51 29 54.5	....
41	δ Ursæ Minoris	9	1 53.67	− 6.65	+30.16	47 35 50.28	47.552	+ 1.68	+1 0.7	18 2 17.18	.....	+86 36 46.8	....
42	η Serpentis	8	16 4.53	− 0.32	**+30.10**	318 6 2.88	46.060	+ 1.60	− 49.5	18 16 34.37	.....	− 2 55 24.5	....
43	λ Sagittarii	9	21 49.37	− 0.36	+30.16	295 33 46.42	47.232	+ 1.57	−1 54.8	18 22 19.17	.....	−25 28 19.4	....
44	3 H. Scuti	9	29 43.55	− 0.32	**+30.18**	312 43 47.72	44.272	+ 1.53	− 59.8	18 30 13.39	.....	− 8 18 30.9	....
45	153 H^1. Draconis	9	35 29.64	− 0.86	+30.16	26 23 49.70	47.655	+ 1.50	+ 27.6	18 35 58.94	− 2.86	+65 24 15.6	+ 8.9
46	6 H. Scuti	9	41 49.09	− 0.32	+30.16	316 11 48.00	43.265	+ 1.47	− 53.0	18 42 18.93	− 1.31	− 4 50 46.9	+ 0.7
47	ο Draconis	9	49 23.51	− 0.68	+30.16	20 17 51.02	43.078	+ 1.43	+ 20.6	18 49 52.99	.....	+59 16 25.3	....
48	51 H. Cephei S. P.	9	56 40.50	+ 7.92	+30.16	53 47 50.20	45.303	+ 1.39	+1 15.8	6 57 18.58	.....	+87 11 49.0	....
49	ι Lyræ	9	3 32.82	− 0.41	+30.16	356 59 51.05	41.018	+ 1.35	− 2.9	19 4 2.57	.....	+35 57 14.6	....
50	55 Draconis	9	8 58.78	− 0.86	+30.17	26 49 50.00	45.162	+ 1.33	+ 28.1	19 9 28.09	− 2.67	+65 49 19.3	+11.1
51	ω Aquilæ	9	13 1.28	− 0.33	**+30.17**	332 27 49.88	43.450	+ 1.30	− 28.8	19 13 31.12	.....	+11 25 43.2	....
52	21 B. Vulpeculæ	9	21 8.78	− 0.35	+30.17	345 45 51.50	45.358	+ 1.26	− 14.0	19 21 38.60	− 1.26	+24 44 43.1	+ 6.8
53	γ Aquilæ	9	41 24.53	− 0.32	**+30.07**	331 24	......	....	.....	19 41 54.38	.....	+10 23	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 19 58	29.745	71.7	70.5
28 4 21	29.84	85.8	86.8
5 50	29.83	87.7	88.2
7 15	29.81	86.8	87.8
12 44	29.83	78.8	77.8
13 9	......	....	77.0
13 47	29.835	76.7	75.3
14 17	......	....	74.8
14 39	29.83	75.2	74.2
15 10	29.83	74.8	73.6
17 29	29.82	73.0	71.6
17 49	......	....	71.1
18 10	29.82	72.1	71.0
18 28	......	....	70.9
18 51	......	....	70.3
19 22	29.82	71.5	70.2

Micrometer bisections are made at II, VI, except as noted below.

2, 33, 38, 45, 47, 50. Bisections at III, V.
8. Bisections at I, II.
9. Bisections at VI, VII.
10. Bisections at I, II, VI, VII.
11. Z. D. threads A used.
11, 43. Bisections at I, II, VI.
15. Bisections at b_3, b_5, b_7.
20. Bisections at III, IV.
41, 48. Bisections at b_1, b_3, b_5, b_7, b_9.

Note.
52, 53. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 2.6	−15 47.0	...	−15 44.4
9	+ 2.6	+15 47.0	...	+15 49.6
10	+ 1.9	.. ....	+ 0.1	+ 2.0
11	+ 4.4	.. ....	0.0	+ 4.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	May 31, Fk.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Serpentis	9	44 20.20	− 0.33	**+30.70**	317 54	......	....	.....	15 44 50.50	.....	− 3 8	....
2	γ Serpentis	9	51 43.35	− 0.33	**+30.71**	337 0	......	....	.....	15 52 13.66	.....	+15 57	....
3	ε Coronæ Borealis	8	53 18.10	− 0.35	**+30.53**	348 10	......	....	.....	15 53 48.39	.....	+27 8	....
4	ν Scorpii (*mean*)	9	6 10.18	− 0.36	**+30.56**	301 50	......	....	.....	16 6 40.46	.....	−19 13	....
5	γ Herculis	9	17 22.90	− 0.33	**+30.69**	340 24	......	....	.....	16 17 53.21	.....	+19 22	....
6	β Herculis	9	25 47.17	− 0.34	**+30.62**	342 42	......	....	.....	16 26 17.47	.....	+21 41	....
7	ζ Ophiuchi	9	31 36.77	− 0.34	**+30.65**	310 40	......	....	.....	16 32 7.07	.....	−10 22	....
	June 1, Fk.												
8	Sun I, N	9	35 2.92	− 0.35	+30.72	343 21 51.58	43.638	− 0.54	− 16.6	4 35 33.29	+68.34	+22 19 59.8	....
9	Sun II, S	9	37 19.60	− 0.35	+30.72	342 49 49.72	44.895	− 0.54	− 17.2	4 37 49.97	−68.34	+21 48 25.4	....
10	Mercury I, C	9	15 24.47	− 0.36	+30.73	346 27 51.65	46.746	− 1.02	− 13.4	6 15 54.84	+ 0.26	+25 27 13.3	....
11	Venus I, N	7	23 4.37	− 0.37	+30.74	345 39 51.45	43.498	− 1.02	− 14.2	7 23 34.74	+ 1.43	+24 37 58.1	....
12	Venus S	.	.. ..	....	.....	345 39 51.45	41.808	− 1.02	− 14.2	.. ..	.....	+24 37 19.4	....
13	48 Virginis	9	58 40.40	− 0.32	+30.78	317 52	......	....	.....	12 59 10.86	− 0.92	− 3 10	....
14	44 H. Cephei S. P.	9	3 41.99	+ 1.83	+30.78	61 48	......	....	.....	1 4 14.60	+ 3.18	+79 10	....
15	γ Hydræ	9	13 25.81	− 0.39	+30.78	298 22	......	....	.....	13 13 56.20	.....	−22 41	....
16	α Virginis	9	19 51.28	− 0.34	**+30.83**	310 22	......	....	.....	13 20 21.72	.....	−10 40	....
17	69 H. Ursæ Majoris	9	24 35.96	− 0.56	+30.78	21 26	......	....	.....	13 25 6.18	.....	+60 25	....
18	ζ Virginis	9	29 30.93	− 0.32	**+30.72**	320 54	......	....	.....	13 30 1.39	.....	− 0 7	....
19	ω Cassiopeiæ S. P.	9	34 57.27	+ 0.96	+30.78	73 24	......	....	.....	1 35 29.01	.....	+67 34	....
20	η Ursæ Majoris	9	43 26.04	− 0.42	+30.78	10 48	......	....	.....	13 43 56.40	.....	+49 46	....
21	η Boötis	9	49 48.93	− 0.31	**+30.83**	339 52	......	....	.....	13 50 19.41	.....	+18 51	....
22	11 Boötis	9	56 30.93	− 0.32	+30.79	348 50	......	....	.....	13 57 1.40	.....	+27 49	....
23	d Boötis	9	5 42.97	− 0.32	**+30.86**	346 32	......	....	.....	14 6 13.44	.....	+25 31	....
24	α Boötis	9	10 58.63	− 0.31	**+30.83**	340 42	......	....	.....	14 11 29.11	.....	+19 39	....
25	52 Hydræ	9	22 18.13	− 0.46	+30.79	291 58	......	....	.....	14 22 48.46	− 1.50	−29 4	....
26	ρ Boötis	9	27 22.81	− 0.33	+30.79	351 48	......	....	.....	14 27 53.27	.....	+30 46	....
27	118 H¹. Cassiopeiæ S. P.	9	36 19.67	+ 0.94	+30.79	73 32	......	....	.....	2 36 51.40	+ 2.44	+67 25	....
28	109 Virginis	9	41 6.66	− 0.33	**+30.83**	323 18	......	....	.....	14 41 37.12	.....	+ 2 16	....
29	295 B. Boötis	9	45 1.05	− 0.35	+30.79	359 12	......	....	.....	14 45 31.49	− 1.56	+38 11	....
30	β Ursæ Minoris	8	50 32.17	− 1.06	+30.79	35 32	......	....	.....	14 51 1.90	.....	+74 32	....
31	i Boötis (*fol.*)	9	0 16.93	− 0.40	+30.79	9 2	......	....	.....	15 0 47.32	− 1.84	+48 0	....
32	ι Libræ	9	6 29.61	− 0.42	**+30.83**	301 36	......	....	.....	15 6 59.98	.....	−19 26	....
33	δ Boötis	9	11 18.68	− 0.34	+30.79	354 40	......	....	.....	15 11 49.13	.....	+33 39	....
34	γ² Ursæ Minoris	9	20 25.81	− 0.91	+30.79	33 10	......	....	.....	15 20 55.69	.....	+72 9	....
	June 1, P.												
35	89 Herculis	9	51 13.65	− 0.31	**+30.81**	347 4	......	....	.....	17 51 44.13	.....	+26 3	....
36	γ Draconis	9	53 59.99	− 0.42	+30.79	12 31 53.32	42.222	− 2.40	+ 12.8	17 54 30.36	.....	+51 29 56.4	....
37	δ Ursæ Minoris	9	1 51.22	− 5.01	+30.79	47 35 52.42	47.642	− 2.43	+1 2.7	18 2 17.00	.....	+86 36 48.9	....
38	η Serpentis	9	16 4.07	− 0.34	**+30.66**	318 5 50.05	46.978	− 2.48	− 51.2	18 16 34.52	.....	− 2 55 22.2	....
39	λ Sagittarii	9	21 49.01	− 0.46	+30.79	295 33 49.02	47.505	− 2.50	−1 58.6	18 22 19.34	.....	−25 28 18.5	....
40	3 H. Scuti	9	29 43.15	− 0.36	**+30.71**	312 43 50.12	44.498	− 2.52	−1 1.8	18 30 13.58	.....	− 8 18 29.4	....
41	4 H. Scuti	9	36 45.29	− 0.37	**+30.77**	311 53 48.55	44.868	− 2.55	−1 3.6	18 37 15.71	.....	− 9 8 24.3	....
42	6 H. Scuti	9	41 48.62	− 0.35	+30.80	316 11 50.55	43.488	− 2.56	− 54.8	18 42 19.07	− 1.40	− 4 50 45.1	+ 0.2
43	50 Draconis	9	48 55.71	− 1.06	+30.80	36 19 52.82	44.968	− 2.59	+ 42.2	18 49 25.45	.....	+75 19 27.8	....
44	51 H. Cephei S. P.	9	56 41.22	+ 6.12	+30.80	53 47 50.12	45.466	− 2.61	+1 18.2	6 57 18.14	.....	+87 11 46.9	....
45	ι Lyræ	9	3 32.17	− 0.32	+30.80	356 59 52.92	41.203	− 2.64	− 3.0	19 4 2.65	.....	+35 57 16.5	....
46	55 Draconis	9	8 57.96	− 0.62	+30.80	26 49 51.45	45.332	− 2.66	+ 29.0	19 9 28.14	− 2.79	+65 49 21.5	+ 9.8
47	ω Aquilæ	9	13 0.71	− 0.31	**+30.81**	332 27 51.92	43.640	− 2.67	− 29.8	19 13 31.20	.....	+11 25 44.6	....
48	21 B. Vulpeculæ	9	21 8.22	− 0.30	+30.80	345 45 54.05	45.552	− 2.70	− 14.5	19 21 38.72	− 1.35	+24 44 45.6	+ 5.8
49	225 B. Draconis	9	26 52.97	− 1.46	+30.80	40 25 50.80	43.630	− 2.72	+ 48.9	19 27 22.31	− 5.67	+79 25 1.7	+11.2
50	ε Sagittæ	9	32 38.32	− 0.30	+30.80	337 15 51.82	47.550	− 2.73	− 23.9	19 33 8.82	− 1.25	+16 15 19.7	+ 4.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 4 37	29.80	70.3	67.0
6 17	29.80	68.7	65.8
7 24	29.805	68.1	66.2
17 52	29.86	58.0	55.8
18 13	......	....	55.3
18 28	......	....	55.3
18 47	29.87	57.0	55.1
19 17	......	....	55.0
19 31	29.87	56.9	55.0

Micrometer bisections are made at II, VI, except as noted below.

8.	Bisections at I, II.
9, 12.	Bisections at VI, VII.
10.	Bisections at II, III, V, VI.
11.	Bisections at II, III, V.
36, 43, 46, 49.	Bisections at III, V.
37, 44.	Bisections at b_1, b_3, b_5, b_7, b_9.
39.	Bisections at I, II, VI, VII.
45.	Bisections at II, VI, VII.

Note.

3. Circle reading increased 10°.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 2.4	−15 47.2	...	−15 44.8
9	+ 2.5	+15 47.1	...	+15 49.6
10	+ 2.1	.. ....	+0.1	+ 2.2
11	+ 4.9	− 19.4	...	− 14.5
12	+ 4.9	+ 19.4	−0.1	+ 24.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	70 Virginis	9	23 25.82	− 0.37	+31.32	335 17 52.00	44.772	− 1.31	− 25.7	13 23 56.77	....	+14 16 16.0	....
2	17 H. Canum Venaticorum	9	30 11.69	− 0.44	+31.32	358 39 53.88	46.582	− 1.31	− 1.2	13 30 42.57	....	+37 39 23.7	....
3	25 Canum Venaticorum	9	32 52.72	− 0.44	+31.32	357 45 53.98	48.058	− 1.31	− 2.1	13 33 23.60	....	+36 45 56.6	....
4	89 Virginis	9	44 22.55	− 0.42	**+31.27**	303 21 50.15	45.010	− 1.31	−1 25.0	13 44 53.45	....	−17 40 39.6	....
5	η Boötis	9	49 48.49	− 0.38	**+31.31**	339 51 53.12	48.000	− 1.31	− 20.5	13 50 19.43	....	+18 51 36.1	....
6	47 Hydræ	9	52 51.69	− 0.45	+31.32	296 31 49.35	43.953	− 1.31	−1 52.0	13 53 22.56	− 1.29	−24 31 31.5	+ 8.9
7	τ Virginis	9	56 28.06	− 0.37	**+31.29**	323 1 52.00	43.162	− 1.31	− 42.3	13 56 59.01	....	+ 1 59 22.6	....
8	κ Virginis	9	7 29.53	− 0.39	**+31.30**	311 11 49.55	43.780	− 1.31	−1 4.2	14 8 0.46	....	− 9 50 47.6	....
9	λ Boötis	9	12 23.98	− 0.51	+31.32	7 31 53.35	44.692	− 1.31	+ 7.5	14 12 54.79	....	+46 30 48.6	....
10	52 Hydræ	9	22 17.61	− 0.48	+31.32	291 57 50.85	46.875	− 1.31	−2 18.4	14 22 48.45	− 1.49	−29 4 49.7	+ 8.8
11	56 B. Draconis	9	28 44.53	− 0.72	+31.33	21 37 54.18	47.278	− 1.31	+ 22.5	14 29 15.14	− 2.15	+60 38 3.6	− 9.6
12	ζ Boötis (*mean*)	9	36 15.72	− 0.37	+31.33	335 7 51.65	47.858	− 1.31	− 26.1	14 36 46.68	....	+14 7 25.8	....
13	ε Boötis	9	40 28.69	− 0.40	**+31.28**	348 27 53.20	48.140	− 1.31	− 11.4	14 40 59.62	....	+27 27 48.4	....
14	ξ Boötis (*brighter*)	9	46 39.01	− 0.38	+31.33	340 29 53.55	46.460	− 1.31	− 19.9	14 47 9.96	− 1.37	+19 29 1.9	− 1.6
15	321 B. Boötis	9	51 23.14	− 0.37	+31.33	335 49 52.35	47.000	− 1.31	− 25.3	14 51 54.10	....	+14 49 7.7	....
16	β Boötis	9	57 59.67	− 0.46	+31.33	1 45 52.98	46.288	− 1.31	+ 1.8	14 58 30.54	....	+40 45 19.0	....
17	c Boötis	9	2 46.17	− 0.39	+31.33	346 13 52.42	48.030	− 1.31	− 13.8	15 3 17.11	− 1.46	+25 13 42.7	− 2.3
18	1 Lupi	9	8 29.89	− 0.49	+31.33	289 53 50.25	42.815	− 1.31	−2 34.6	15 9 0.73	− 1.70	−31 10 39.1	+ 7.0
19	1 H. Ursæ Minoris	9	13 7.42	− 0.94	+31.33	28 41 52.98	46.620	− 1.31	+ 31.1	15 13 37.81	....	+67 41 55.9	....
20	τ^1 Serpentis	9	21 1.88	− 0.38	+31.33	336 45 51.68	47.005	− 1.31	− 24.2	15 21 32.83	− 1.46	+15 45 8.2	− 0.4
21	ν^1 Boötis	9	27 8.43	− 0.46	+31.33	2 9 53.75	45.130	− 1.31	+ 2.2	15 27 39.30	....	+41 8 53.7	....
22	α Coronæ Borealis	9	30 18.19	− 0.40	**+31.34**	348 1 51.88	47.480	− 1.31	− 11.9	15 30 49.12	....	+27 1 31.5	....
23	13 H^1. Camelopardalis s. p.	9	36 42.94	+ 1.03	+31.33	74 3 48.98	43.257	− 1.31	+3 16.4	3 37 15.30	+ 2.66	+66 54 39.4	+ 8.0
24	β Serpentis	9	41 27.08	− 0.38	**+31.34**	336 43 50.45	45.710	− 1.31	− 24.3	15 41 58.03	....	+15 42 37.3	....
	June 5, Fk.												
25	89 Herculis	9	51 13.14	− 0.36	**+31.43**	347 4	......	....	. ....	17 51 44.13	....	+26 3	....
26	ξ Herculis	9	53 42.09	− 0.37	+31.35	350 17 53.90	41.880	− 1.80	− 9.7	17 54 13.07	− 1.69	+29 15 27.2	+ 2.6
27	36 Camelopardalis s. p.	9	3 0.81	+ 1.00	+31.35	75 13 52.25	43.420	− 1.80	+3 33.3	6 3 33.16	+ 2.73	+65 44 16.0	− 2.5
28	ε Sagittarii	9	17 35.08	− 0.50	+31.36	286 37 52.42	46.835	− 1.80	−3 7.5	18 18 5.94	....	−34 25 38.6	....
29	b Draconis	7	22 5.82	− 0.63	+31.36	19 45 52.02	44.160	− 1.80	+ 20.5	18 22 36.55	....	+58 44 47.7	....
30	3 H. Scuti	9	29 42.62	− 0.37	**+31.33**	312 43 51.90	44.328	− 1.80	−1 1.5	18 30 13.61	....	− 8 18 30.5	....
31	4 H. Scuti	9	36 44.73	− 0.37	**+31.42**	311 53 50.90	44.685	− 1.80	−1 3.3	18 37 15.72	....	− 9 8 25.1	....
32	6 H. Scuti	9	41 48.08	− 0.36	+31.36	316 11 51.52	43.365	− 1.80	− 54.5	18 42 19.08	− 1.48	− 4 50 45.9	− 0.2
33	θ Serpentis	9	51 9.20	− 0.35	**+31.35**	325 6	......	....	. ....	18 51 40.21	....	+ 4 4	....
34	υ Draconis	9	55 5.05	− 1.05	+31.36	32 11 51.52	42.410	− 1.80	+ 35.9	18 55 35.36	− 3.72	+71 10 22.5	+ 7.9
35	ζ Aquilæ	9	0 41.33	− 0.34	**+31.36**	334 43 52.20	48.242	− 1.80	− 26.8	19 1 12.35	....	+13 43 33.9	....
36	22 Aquilæ	8	11 28.25	− 0.35	+31.36	325 41 51.15	45.588	− 1.80	− 38.8	19 11 59.26	− 1.38	+ 4 40 20.2	+ 1.2
37	5 Vulpeculæ	9	21 42.65	− 0.35	+31.36	340 55 51.60	46.078	− 1.80	− 19.6	19 22 13.66	− 1.40	+19 54 51.0	+ 4.1
38	β Cygni	9	26 31.16	− 0.37	**+31.34**	348 45 51.88	48.450	− 1.80	− 11.2	19 27 2.15	....	+27 45 53.9	....
39	51 B. Cygni	8	33 7.63	− 0.44	+31.36	4 29 53.25	47.708	− 1.80	+ 4.6	19 33 38.55	− 1.67	+43 29 54.1	+ 8.1
	June 6, Fk.												
40	70 Virginis	9	23 25.62	− 0.36	+31.46	335 17 51.50	44.810	− 1.81	− 26.1	13 23 56.72	....	+14 16 15.5	....
41	350 G. Hydræ	9	26 58.55	− 0.46	+31.46	292 49 47.58	45.618	− 1.81	−2 13.8	13 27 29.55	− 1.19	−28 13 17.6	+10.7
42	40 Cassiopeiæ s. p.	8	30 33.83	+ 1.36	+31.46	68 23 55.82	47.108	− 1.81	+2 23.1	1 31 6.65	....	+72 33 58.4	....
43	m Virginis	9	36 16.89	− 0.37	**+31.48**	312 47 51.88	44.600	− 1.81	−1 1.2	13 36 47.98	....	− 8 14 24.0	....
44	89 Virginis	9	44 22.38	− 0.40	**+31.42**	303 22	......	....	. ....	13 44 53.44	....	−17 40	....
45	h Centauri	9	47 25.00	− 0.48	+31.46	289 35 51.48	43.140	− 1.81	−2 37.9	13 47 55.98	− 1.34	−31 28 34.4	+10.7
46	τ Virginis	9	56 27.81	− 0.34	**+31.50**	323 1 52.18	43.175	− 1.81	− 42.7	13 56 58.93	....	+ 1 59 22.2	....
47	κ Virginis	9	7 29.31	− 0.36	**+31.49**	311 11 52.05	43.700	− 1.81	−1 4.8	14 8 0.41	....	− 9 50 48.0	....
48	λ Boötis	9	12 23.67	− 0.46	+31.46	7 31 53.78	44.710	− 1.81	+ 7.6	14 12 54.67	....	+46 30 49.1	....
49	f Boötis	9	21 40.74	− 0.34	**+31.48**	340 40	......	....	. ....	14 22 11.86	....	+19 38	....
50	g Boötis	9	24 56.54	− 0.49	+31.46	11 15 53.85	46.512	− 1.81	+ 11.4	14 25 27.51	− 1.69	+50 15 34.2	− 8.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
5 13 28	......	....	67.1
13 41	......	....	66.7
14 3	30.03	67.2	65.9
14 27	......	....	65.0
14 45	30.04	66.0	64.3
15 9	......	....	63.6
15 34	......	....	63.0
15 43	30.04	64.0	62.8
17 47	30.035	61.8	60.8
18 9	30.03	61.3	60.0
18 27	......	....	60.2
18 48	......	....	60.0
19 8	30.03	61.3	60.0
19 30	30.035	61.4	60.0
6 13 18	30.125	64.2	63.2
13 40	......	....	62.7
14 0	30.125	63.5	62.3
14 20	......	....	62.2

Micrometer bisections are made at II, VI, except as noted below.

6, 18.	Bisections at I, II, VI.
10.	Bisections at II, VI, VII.
11, 19, 29, 34, 39, 48, 50.	Bisections at III, V.
23, 27.	Bisections at III, IV, V.
42.	Bisections at III, IV.

Notes.

14.	Assumed that brighter was observed.
27, 28.	Very poor.
29.	Very poor; clouds.
36.	Clouds.
39, 48, 50.	Observed head north.
45.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	π Boötis (*pr.*)	9	35 54.34	− 0.33	+31.46	337 49 52.50	46.098	− 1.81	− 23.1	14 36 25.47	− 1.32	+16 48 48.9	− 1.3
2	Piazzi 166	9	40 27.99	− 0.39	+31.46	300 15 50.25	44.025	− 1.81	−1 37.1	14 40 59.06	− 1.46	−20 47 14.6	+ 6.6
3	8 Libræ	9	45 6.08	− 0.37	**+31.47**	305 25 51.02	43.982	− 1.81	−1 19.8	14 45 37.18	.....	−15 36 57.6	....
4	ξ¹ Libræ	9	48 53.48	− 0.35	+31.47	309 29 51.28	47.485	− 1.81	−1 8.9	14 49 24.60	− 1.41	−11 31 26.5	+ 4.6
5	43 B. Libræ	9	51 35.93	− 0.39	+31.47	300 1 51.28	46.932	− 1.81	−1 38.0	14 52 7.01	.....	−21 0 8.1	....
6	γ Scorpii	9	58 11.45	− 0.41	+31.47	296 7 50.95	44.522	− 1.81	−1 55.4	14 58 42.51	.....	−24 55 20.9	....
7	c Boötis	9	2 45.94	− 0.33	+31.47	346 13 53.42	48.002	− 1.81	− 13.9	15 3 17.08	− 1.46	+25 13 42.5	− 2.5
8	3 Serpentis	9	10 7.20	− 0.31	+31.47	326 17 51.80	46.828	− 1.81	− 37.9	15 10 38.36	.....	+ 5 16 50.1	....
9	μ Boötis	9	20 31.49	− 0.36	+31.47	358 43 51.88	43.245	− 1.81	− 1.2	15 21 2.60	.....	+37 42 4.9	....
10	θ Coronæ Borealis	9	28 43.67	− 0.33	+31.47	352 41 53.08	43.902	− 1.81	− 7.3	15 29 14.81	− 1.60	+31 40 15.0	− 2.8
11	φ Boötis	9	34 2.05	− 0.37	+31.47	1 39 52.80	46.205	− 1.81	+ 1.7	15 34 33.15	− 1.76	+40 39 16.3	− 3.9
12	ι Serpentis	9	36 57.28	− 0.30	+31.47	340 59 51.62	43.890	− 1.81	− 19.6	15 37 28.45	− 1.52	+19 58 1.0	− 0.9
13	μ Serpentis	9	44 19.51	− 0.31	**+31.40**	317 53 51.28	42.730	− 1.81	− 51.4	15 44 50.67	.....	− 3 8 57.5	....
	June 7, P.												
14	Moon I, N	9	50 36.41	− 0.36	+31.53	327 17 49.78	44.308	− 1.01	− 35.6	11 51 7.58	+62.30	+ 6 15 53.7	....
15	350 G. Hydræ	9	26 58.47	− 0.45	+31.54	292 49 50.32	45.382	− 0.93	−2 12.0	13 27 29.56	− 1.18	−28 13 17.5	+10.7
16	40 Cassiopeiæ S. P.	9	30 33.97	+ 1.32	+31.54	68 23 52.10	47.290	− 0.94	+2 21.2	1 31 6.83	.....	+72 33 59.0	....
17	*m* Virginis	9	36 16.86	− 0.37	**+31.51**	312 47 50.70	44.598	− 0.96	−1 0.4	13 36 48.03	.....	− 8 14 22.7	....
18	89 Virginis	9	44 22.26	− 0.40	**+31.53**	303 21 49.20	45.000	− 0.99	−1 24.9	13 44 53.40	.....	−17 40 40.4	....
19	92 Virginis	9	51 16.57	− 0.36	+31.55	322 31 51.40	44.910	− 1.02	− 42.9	13 51 47.76	− 1.12	+ 1 30 1.7	+ 2.3
20	τ Virginis	9	56 27.78	− 0.36	**+31.55**	323 1 51.02	43.215	− 1.04	− 42.2	13 56 58.97	.....	+ 1 59 23.3	....
21	*d* Boötis	9	5 42.29	− 0.38	**+31.56**	346 32	......	....	. ....	14 6 13.46	.....	+25 31	....
22	4 Ursæ Minoris	9	8 46.12	− 1.72	+31.55	38 59 55.62	43.592	− 1.09	+ 45.6	14 9 15.95	.....	+77 59 4.1	....
23	*f* Boötis	9	21 40.67	− 0.37	**+31.58**	340 39 51.75	45.120	− 1.13	− 19.7	14 22 11.85	.....	+19 38 29.8	....
24	π Boötis (*pr.*)	9	35 54.23	− 0.36	+31.55	337 49 50.18	46.170	− 1.19	− 22.9	14 36 25.42	− 1.32	+16 48 49.0	− 1.4
25	Piazzi 166	9	40 27.93	− 0.41	+31.55	300 15 50.12	43.958	− 1.21	−1 36.1	14 40 59.07	− 1.45	−20 47 14.7	+ 6.6
26	8 Libræ	9	45 6.05	− 0.39	**+31.52**	305 25 50.52	43.930	− 1.22	−1 18.9	14 45 37.21	.....	−15 36 57.8	....
27	ξ¹ Libræ	9	48 53.33	− 0.38	+31.55	309 29 51.20	47.430	− 1.24	−1 8.1	14 49 24.50	− 1.41	−11 31 26.3	+ 4.5
28	43 B. Libræ	9	51 35.87	− 0.41	+31.55	300 1 48.72	46.988	− 1.25	−1 36.9	14 52 7.01	.....	−21 0 7.7	....
29	β Boötis	9	57 59.39	− 0.45	+31.55	1 45 53.28	46.298	− 1.27	+ 1.8	14 58 30.49	.....	+40 45 19.6	....
30	c Boötis	9	2 45.87	− 0.38	+31.55	346 13 53.32	48.008	− 1.30	− 13.7	15 3 17.04	− 1.46	+25 13 43.2	− 2.7
31	3 Serpentis	9	10 7.14	− 0.36	+31.55	326 17 51.02	46.872	− 1.32	− 37.5	15 10 38.33	.....	+ 5 16 51.2	....
32	τ¹ Serpentis	9	21 1.62	− 0.36	+31.55	336 45 52.58	46.968	− 1.36	− 24.2	15 21 32.81	− 1.46	+15 45 8.2	− 0.7
33	θ Coronæ Borealis	9	28 43.67	− 0.40	+31.55	352 41 53.90	43.862	− 1.39	− 7.2	15 29 14.82	− 1.60	+31 40 15.5	− 3.1
34	φ Boötis	9	34 2.06	− 0.44	+31.55	1 39 52.30	46.178	− 1.41	+ 1.7	15 34 33.17	− 1.76	+40 39 15.6	− 4.1
35	ι Serpentis	9	36 57.26	− 0.37	+31.55	340 59 52.32	43.845	− 1.43	− 19.4	15 37 28.44	− 1.52	+19 58 1.3	− 1.1
36	μ Serpentis	9	44 19.45	− 0.36	**+31.51**	317 53 49.25	42.778	− 1.45	− 51.0	15 44 50.64	.....	− 3 8 57.7	....
	June 7, M.												
37	89 Herculis	9	51 12.87	− 0.37	**+31.74**	347 4	......	....	. ....	17 51 44.16	.....	+26 3	....
38	ξ Herculis	9	53 41.87	− 0.38	+31.66	350 17 53.05	41.890	− 1.55	− 9.7	17 54 13.15	− 1.72	+29 15 26.9	+ 2.2
39	δ Ursæ Minoris	9	1 51.94	− 6.21	+31.66	47 35 51.50	47.717	− 1.55	+1 2.3	18 2 17.39	.....	+86 36 50.3	....
40	ε Sagittarii	9	17 34.73	− 0.50	+31.67	286 37 50.40	46.822	− 1.55	−3 7.3	18 18 5.90	.....	−34 25 40.6	....
41	*b* Draconis	9	22 5.59	− 0.65	+31.67	19 45 51.88	44.160	− 1.55	+ 20.5	18 22 36.61	.....	+58 44 47.6	....
42	84 G. Sagittarii	9	32 25.49	− 0.43	+31.67	297 27 47.85	45.285	− 1.55	−1 48.7	18 32 56.73	− 1.69	−23 34 59.6	− 2.6
43	4 H. Scuti	9	36 44.49	− 0.37	**+31.70**	311 53 47.52	44.788	− 1.55	−1 3.2	18 37 15.79	.....	− 9 8 25.9	....
44	111 Herculis	9	42 27.76	− 0.36	+31.67	339 5 51.20	45.828	− 1.55	− 21.7	18 42 59.07	− 1.54	+18 4 43.1	+ 2.6
45	θ Serpentis	9	51 8.92	− 0.35	**+31.67**	325 6	......	....	. ....	18 51 40.24	.....	+ 4 4	....
46	51 H. Cephei S. P.	7	56 38.69	+ 7.69	+31.67	53 47 51.42	45.435	− 1.55	+1 17.8	6 57 18.05	.....	+87 11 45.7	....
47	λ Aquilæ	9	0 52.24	− 0.36	+31.67	316 1 50.10	42.205	− 1.55	− 54.8	19 1 23.55	.....	− 5 1 13.9	....
48	22 Aquilæ	9	11 28.03	− 0.35	+31.67	325 41 51.08	45.575	− 1.55	− 38.8	19 11 59.35	− 1.43	+ 4 40 20.1	+ 0.9
49	5 Vulpeculæ	9	21 42.41	− 0.36	+31.67	340 55 51.70	46.038	− 1.55	− 19.6	19 22 13.72	− 1.45	+19 54 50.5	+ 3.7
50	β Cygni	8	26 30.88	− 0.38	**+31.68**	348 47 49.00	43.360	− 1.55	− 11.2	19 27 2.17	.....	+27 45 54.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 14 55	30.13	62.7	61.5
15 16	......	....	61.1
15 41	30.13	62.0	61.1
7 11 50	30.015	72.9	72.0
13 25	30.000	68.8	67.5
13 49	......	....	66.6
14 13	30.00	67.1	65.9
14 30	......	....	65.2
14 53	......	....	64.7
15 14	30.00	65.4	64.1
15 30	......	....	63.4
15 46	30.00	64.8	63.0
17 48	29.985	62.8	61.0
18 16	......	....	59.8
18 47	29.965	61.3	59.8
19 6	......	....	59.1
19 20	29.955	60.7	....
19 30	......	....	59.4

Micrometer bisections are made at II, VI, except as noted below.

4. Bisections at V, VI.
14. Bisections at II, III, IV, V, VI.
16. Bisections at III, IV, V.
18, 43. Bisections at II, VI, VII.
22. Bisections at III, IV.
39. Bisections at b_2, b_5, b_8.
40. Bisections at VI, VII.
46. Bisections at b_6, b_8, b_9.

Notes.

11. Observed head north.
46. Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+29 26.5	−14 59.5	...	+14 27.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	159 B. Lyræ	9	15 23.79	− 0.37	+32.02	1 11 53.98	46.515	− 2.34	+ 1.3	19 15 55.44	− 1.81	+40 11 23.8	+ 5.2
2	5 Vulpeculæ	9	21 42.09	− 0.32	+32.02	340 55 51.28	46.180	− 2.36	− 19.5	19 22 13.79	− 1.53	+19 54 52.6	+ 2.7
3	β Cygni	9	26 30.66	− 0.33	**+31.93**	348 47 53.72	43.262	− 2.38	− 11.2	19 27 2.36	.....	+27 45 56.6	....
4	51 B. Cygni	9	33 7.07	− 0.40	+32.03	4 29 52.95	47.825	− 2.40	+ 4.5	19 33 38.70	− 1.82	+43 29 55.7	+ 6.4
5	14 Cygni	9	35 57.06	− 0.39	+32.03	3 37 53.32	43.420	− 2.42	+ 3.6	19 36 28.70	− 1.79	+42 36 14.5	+ 6.4
6	γ Aquilæ	9	41 22.96	− 0.32	**+31.97**	331 23 51.65	47.860	− 2.44	− 30.8	19 41 54.67	.....	+10 23 20.0	....
7	α Aquilæ	9	45 47.48	− 0.32	**+32.00**	329 39 51.22	43.198	− 2.45	− 33.1	19 46 19.19	.....	+ 8 37 30.7	....
8	*g* Sagittarii	9	52 13.88	− 0.38	+32.03	305 17 51.10	46.378	− 2.48	−1 19.6	19 52 45.53	− 1.46	−15 44 3.2	− 4.1
9	*c* Sagittarii	8	56 30.18	− 0.44	+32.03	293 5 50.30	43.992	− 2.50	−2 11.6	19 57 1.77	.....	−27 57 50.5	....
10	*b*² Cygni	9	5 30.46	− 0.37	+32.03	357 35 53.85	43.142	− 2.53	− 2.3	20 6 2.12	− 1.56	+36 34 2.7	+ 6.7
11	33 Cygni	9	10 46.21	− 0.54	+32.03	17 17 53.48	44.892	− 2.55	+ 17.7	20 11 17.70	.....	+56 17 2.2	....
12	β Capricorni	9	15 20.36	− 0.38	**+32.04**	305 57 51.40	45.775	− 2.57	−1 17.6	20 15 52.01	.....	−15 4 14.8	....
13	π Capricorni	9	21 33.11	− 0.39	**+32.03**	302 31 48.90	45.145	− 2.59	−1 28.2	20 22 4.75	.....	−18 30 42.3	....
14	Groombridge 1418 s. p.	9	26 43.44	+ 4.28	+32.03	55 35 50.25	47.203	− 2.61	+1 22.6	8 27 19.75	+11.10	+85 23 2.9	−12.2
	June 12, P.												
15	Sun I, N	9	20 22.71	− 0.33	+32.06	344 27 53.68	42.542	− 2.17	− 15.2	5 20 54.44	+68.90	+23 25 36.5	....
16	Sun II, S	9	22 40.51	− 0.33	+32.06	343 55 53.10	43.845	− 2.17	− 15.7	5 23 12.24	−68.90	+22 54 4.7	....
17	Mercury I, C	9	3 16.24	− 0.38	+32.07	344 11 52.42	43.765	− 2.07	− 15.4	7 3 47.93	+ 0.32	+23 10 2.9	....
18	Venus I, N	9	34 22.54	− 0.38	+32.07	343 45 52.12	47.875	− 1.91	− 15.8	7 34 54.23	+ 1.69	+22 45 36.3	....
19	τ Virginis	9	56 27.14	− 0.34	**+32.14**	323 1 51.52	43.200	− 1.20	− 41.8	13 56 58.89	.....	+ 1 59 23.6	....
20	*d* Boötis	9	5 41.68	− 0.35	**+32.10**	346 32	......	....	.....	14 6 13.42	.....	+25 31	....
21	4 Ursæ Minoris	9	8 45.17	− 1.58	+32.09	38 59 55.02	43.685	− 1.23	+ 45.2	14 9 15.68	.....	+77 59 5.0	....
22	λ Virginis	9	13 37.37	− 0.37	**+32.02**	308 5 50.68	43.685	− 1.25	−1 11.0	14 14 9.09	.....	−12 56 55.3	....
23	*f* Boötis	9	21 40.13	− 0.34	**+32.06**	340 39 53.38	45.102	− 1.27	− 19.5	14 22 11.88	.....	+19 38 31.1	....
24	*c*¹ Centauri	9	37 31.76	− 0.48	+32.09	286 17 51.25	43.872	− 1.32	−3 8.0	14 38 3.37	− 1.63	−34 46 47.5	+ 9.5
25	Piazzi 166	9	40 27.41	− 0.40	+32.09	300 15 50.58	43.937	− 1.33	−1 35.3	14 40 59.10	− 1.44	−20 47 14.1	+ 6.5
26	α Libræ	9	45 16.96	− 0.38	**+32.04**	305 22	......	....	.....	14 45 48.67	.....	−15 39	....
27	61 B. Draconis	9	48 36.93	− 0.63	+32.09	20 39 55.60	47.860	− 1.35	+ 21.2	14 49 8.39	.....	+59 40 17.0	....
28	43 B. Libræ	9	51 35.33	− 0.40	+32.09	300 1 50.48	46.900	− 1.36	−1 36.2	14 52 7.02	.....	−21 0 7.4	....
29	*i* Boötis (*fol.*)	9	0 15.74	− 0.47	+32.09	9 1 52.40	44.930	− 1.38	+ 9.0	15 0 47.36	− 1.75	+48 0 54.5	− 8.0
30	48 H. Cephei s. p.	9	7 59.19	+ 1.64	+32.09	63 35 51.25	44.243	− 1.40	+1 52.5	3 8 32.92	.....	+77 23 38.6	....
31	1 H¹. Camelopardalis s. p.	9	11 17.99	+ 0.90	+32.09	75 37 54.18	47.128	− 1.42	+3 36.0	3 11 50.98	+ 2.05	+65 18 46.3	+10.8
32	τ¹ Serpentis	9	21 1.07	− 0.34	+32.09	336 45 51.95	47.028	− 1.44	− 24.0	15 21 32.82	− 1.46	+15 45 9.1	− 1.7
33	ν¹ Boötis	9	27 7.59	− 0.42	+32.09	2 9 53.58	45.210	− 1.46	+ 2.2	15 27 39.26	.....	+41 8 55.2	....
34	3 H. Scorpii	9	30 56.27	− 0.43	+32.09	293 13 49.25	43.680	− 1.47	−2 9.5	15 31 27.93	− 1.73	−27 49 55.6	+ 5.8
35	13 H¹. Camelopardalis s. p.	9	36 42.30	+ 0.96	+32.09	74 3 52.70	43.212	− 1.49	+3 14.3	3 37 15.35	+ 2.39	+66 54 39.0	+ 9.3
36	5 H. Camelopardalis s. p.	9	40 1.71	+ 1.13	+32.09	69 55 52.10	44.672	− 1.50	+2 32.7	3 40 34.93	.....	+71 2 47.8	....
37	λ Libræ	9	47 29.53	− 0.39	+32.09	301 7 50.20	48.190	− 1.52	−1 32.3	15 48 1.23	.....	−19 53 34.4	....
38	π Scorpii	9	52 47.14	− 0.42	+32.09	295 11 49.20	45.545	− 1.54	−1 58.3	15 53 18.81	− 1.76	−25 51 1.8	+ 4.6
39	β¹ Scorpii	9	59 35.21	− 0.39	**+32.00**	301 29 50.62	43.660	− 1.56	−1 31.2	16 0 6.92	.....	−19 33 16.5	....
40	Moon I, N	9	3 54.77	− 0.40	+32.10	302 29 49.10	46.796	− 1.57	−1 27.7	16 4 26.47	+70.22	−18 32 2.8	....
41	ε Ophiuchi	9	12 56.99	− 0.35	**+32.13**	316 33 51.10	45.030	− 1.60	− 53.0	16 13 28.74	.....	− 4 28 6.5	....
42	ξ Coronæ Borealis	9	18 0.71	− 0.37	+32.10	352 7 53.35	44.288	− 1.61	− 7.7	16 18 32.44	− 1.73	+31 6 23.9	− 2.7
	June 12, Fk.												
43	24 Ursæ Minoris	9	4 47.33	− 7.21	+32.12	47 59 52.58	44.738	− 1.23	+1 2.7	18 5 12.24	−23.60	+86 59 43.8	+ 1.7
44	446 B. Herculis	9	17 48.36	− 0.37	+32.13	344 15 54.22	44.370	− 1.28	− 15.8	18 18 20.12	− 1.70	+23 14 18.9	+ 1.2
45	φ Draconis	9	21 37.67	− 1.12	+32.13	32 17 55.50	44.785	− 1.29	+ 35.7	18 22 8.68	− 4.09	+71 17 21.1	+ 3.2
46	3 H. Scuti	9	29 41.93	− 0.37	**+32.15**	312 43 52.85	44.290	− 1.32	−1 0.9	18 30 13.69	.....	− 8 18 29.3	....
47	4 H. Scuti	9	36 44.08	− 0.37	**+32.20**	311 53 52.48	44.618	− 1.34	−1 2.7	18 37 15.84	.....	− 9 8 24.0	....
48	110 Herculis	9	41 12.00	− 0.37	**+32.13**	341 28	......	....	.....	18 41 43.76	.....	+20 27	....
49	43 Camelopardalis s. p.	9	43 11.22	+ 1.15	+32.13	71 57 53.45	46.397	− 1.37	+2 52.2	6 43 44.50	+ 3.02	+68 59 47.5	− 3.9
50	*R* Lyræ	9	52 2.42	− 0.48	+32.13	4 49 54.00	46.498	− 1.40	+ 4.8	18 52 34.07	.....	+43 49 27.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 19 40	......	....	60.1
19 50	29.845	62.0	60.2
20 13	......	....	60.5
20 31	29.85	62.0	61.0
12 5 23	29.96	77.1	78.7
7 2	29.95	79.0	80.2
7 35	29.96	79.5	80.2
13 54	29.96	71.0	70.0
14 18	......	....	68.9
14 30	29.96	70.0	68.6
15 4	......	....	67.9
15 25	29.97	68.2	67.1
15 46	......	....	66.8
16 10	......	....	66.0
16 20	29.96	67.0	65.9
17 58	29.97	65.6	64.4
18 16	......	....	64.0
18 49	29.965	64.8	63.6

Micrometer bisections are made at II, VI, except as noted below.

1, 21, 27, 45.	Bisections at III, V.
14.	Bisections at b_1, b_3, b_5, b_7, b_9.
15.	Bisections at I, II.
16.	Bisections at VI, VII.
17, 18.	Bisections at I, II, VI, VII.
25, 28.	Bisections at II, VI, VII.
30, 31, 35, 36, 43, 49.	Bisections at III, IV, V.
40.	Bisections at II, III, IV, V, VI.

Notes.

35, 49. Unsteady.
50. Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+ 2.3	−15 45.8	...	−15 43.5
16	+ 2.4	+15 45.9	...	+15 48.3
17	+ 3.2	.. ....	− 0.2	+ 3.0
18	+ 6.6	− 23.4	...	− 16.8
40	+49 22.4	−16 2.5	...	+33 19.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	τ Sagittarii	9	0 41.99	− 0.44	+32.13	293 15 52.78	42.775	− 1.43	−2 10.3	19 1 13.68	− 1.78	−27 48 13.5	− 4.4
2	θ Lyræ	9	12 40.52	− 0.43	+32.13	358 57 54.10	48.558	− 1.47	− 0.9	19 13 12.22	.....	+37 58 9.2	....
3	β Cygni	9	26 30.51	− 0.39	**+32.16**	348 47 53.80	43.248	− 1.52	− 11.2	19 27 2.25	.....	+27 45 57.2	....
4	h Sagittarii	9	30 36.61	− 0.43	+32.13	295 57 52.60	45.040	− 1.54	−1 55.3	19 31 8.31	.....	−25 5 7.0	....
5	54 Sagittarii	9	34 57.02	− 0.39	+32.13	304 31 53.10	46.078	− 1.55	−1 21.8	19 35 28.76	.....	−16 30 9.3	....
6	15 Cygni	9	40 27.48	− 0.43	+32.13	358 7 55.18	47.825	− 1.57	− 1.8	19 40 59.18	− 1.68	+37 7 52.5	+ 5.5
7	ζ Sagittæ	9	44 23.32	− 0.36	+32.13	339 55 53.20	45.562	− 1.58	− 20.6	19 44 55.09	− 1.48	+18 54 40.1	+ 2.7
8	β Aquilæ	9	50 17.37	− 0.36	**+32.09**	327 11 53.28	46.165	− 1.60	− 36.4	19 50 49.14	.....	+ 6 10 38.1	....
9	γ Sagittæ	9	54 9.62	− 0.37	**+32.15**	340 15 53.15	45.152	− 1.62	− 20.2	19 54 41.38	.....	+19 14 31.0	....
10	269 G. Sagittarii	9	57 47.11	− 0.42	+32.13	298 11 51.40	44.568	− 1.63	−1 44.9	19 58 18.82	− 1.51	−22 51 8.7	− 5.9
11	24 Vulpeculæ	9	12 20.52	− 0.38	+32.13	345 23 54.08	46.710	− 1.68	− 14.7	20 12 52.27	.....	+24 23 13.0	....
12	π Capricorni	9	21 33.00	− 0.40	**+32.18**	302 31 52.15	44.990	− 1.71	−1 28.3	20 22 4.73	.....	−18 30 41.8	....
13	Groombridge 1418 s. p.	6	26 43.38	+ 4.82	+32.14	55 35 53.02	47.097	− 1.73	+1 22.7	8 27 20.34	+11.24	+85 23 1.5	−11.8
	June 13, Fk.												
14	Sun I, N	9	24 31.50	− 0.43	+32.17	344 29 52.88	46.650	− 1.93	− 15.1	5 25 3.24	+68.84	+23 29 10.0	....
15	Sun II, S	9	26 49.18	− 0.43	+32.17	343 57 54.72	47.892	− 1.93	− 15.7	5 27 20.92	−68.84	+22 57 39.1	....
16	Venus I, N	9	34 28.31	− 0.40	+32.18	343 35 56.35	46.060	− 1.30	− 16.0	7 35 0.09	+ 1.71	+22 34 59.4	....
17	c¹ Centauri	9	37 31.55	− 0:51	+32.21	286 17 53.60	43.630	− 1.14	−3 6.6	14 38 3.25	− 1.62	−34 46 49.1	+ 9.6
18	Piazzi 166	9	40 27.27	− 0.43	+32.21	300 15 51.70	43.788	− 1.14	−1 34.6	14 40 59.05	− 1.44	−20 47 15.4	+ 6.5
19	α Libræ	9	45 16.84	− 0.41	**+32.19**	305 22	......	....	. ....	14 45 48.64	.....	−15 39	....
20	61 B. Draconis	9	48 36.77	− 0.64	+32.21	20 39 54.08	47.932	− 1.14	+ 21.0	14 49 8.34	.....	+59 40 17.1	....
21	43 B. Libræ	9	51 35.21	− 0.43	+32.21	300 1 52.18	46.740	− 1.14	−1 35.5	14 52 6.99	.....	−21 0 8.4	....
22	ψ Boötis	9	59 59.76	− 0.38	**+32.27**	348 19 53.65	44.630	− 1.14	− 11.4	15 0 31.59	.....	+27 18 28.8	....
23	48 H. Cephei s. p.	9	7 59.18	+ 1.56	+32.21	63 35 54.32	44.162	− 1.14	+1 51.7	3 8 32.95	.....	+77 23 37.8	....
24	1 H¹.Camelopardalis s. p.	8	11 17.78	+ 0.85	+32.21	75 37 55.25	47.165	− 1.14	+3 34.4	3 11 50.84	+ 1.99	+65 18 45.7	+10.9
25	ι Draconis	9	22 23.56	− 0.63	+32.21	20 17 55.15	45.772	− 1.14	+ 20.7	15 22 55.14	.....	+59 17 28.5	....
26	ν¹ Boötis	9	27 7.36	− 0.44	+32.21	2 9 54.48	45.165	− 1.14	+ 2.2	15 27 39.13	.....	+41 8 55.4	....
27	B. D.+43°2510	9	31 30.68	− 0.45	+32.21	4 29 53.80	43.885	− 1.14	+ 4.4	15 32 2.44	− 1.78	+43 28 27.7	− 6.3
28	ι Serpentis	9	36 56.60	− 0.37	+32.21	340 59 52.62	43.885	− 1.14	− 19.1	15 37 28.44	− 1.52	+19 58 3.1	− 2.4
29	β Serpentis	9	41 26.12	− 0.36	**+32.29**	336 43 51.18	45.652	− 1.14	− 23.9	15 41 57.97	.....	+15 42 37.2	....
30	λ Libræ	9	47 29.36	− 0.42	+32.21	301 7 51.65	48.062	− 1.14	−1 31.6	15 48 1.15	.....	−19 53 34.8	....
31	π Scorpii	9	52 47.05	− 0.45	+32.21	295 11 50.30	45.420	− 1.14	−1 57.5	15 53 18.81	− 1.77	−25 51 2.4	+ 4.7
32	β¹ Scorpii	9	59 35.03	− 0.42	**+32.21**	301 29 52.62	43.530	− 1.14	−1 30.5	16 0 6.83	.....	−19 33 16.3	....
33	τ Coronæ Borealis	9	5 6.38	− 0.42	+32.22	357 43 53.48	47.110	− 1.14	− 2.1	16 5 38.18	− 1.77	+36 43 34.6	− 4.0
34	δ Ophiuchi	9	9 1.14	− 0.38	**+32.26**	317 33 51.55	46.568	− 1.14	− 50.8	16 9 32.98	.....	− 3 27 28.3	....
35	ε Ophiuchi	9	12 56.92	− 0.38	**+32.23**	316 33 51.15	44.972	− 1.14	− 52.6	16 13 28.76	.....	− 4 28 7.0	....
36	23 Herculis	9	18 54.45	− 0.40	+32.22	353 33 53.85	45.570	− 1.14	− 6.2	16 19 26.27	− 1.75	+32 32 55.7	− 3.0
37	N Scorpii	9	24 52.40	− 0.51	+32.22	286 33 52.28	44.920	− 1.14	−3 4.4	16 25 24.11	− 2.01	−34 30 18.7	+ 3.7
38	τ Scorpii	9	29 39.36	− 0.46	+32.22	293 1 51.65	44.545	− 1.14	−2 10.0	16 30 11.12	.....	−28 1 33.6	....
39	70 B. Ursæ Minoris	9	34 10.19	− 1.52	+32.22	38 37 53.40	46.020	− 1.14	+ 44.7	16 34 40.89	− 5.74	+77 37 56.3	− 5.4
40	20 Ophiuchi	9	44 14.43	− 0.39	+32.22	310 25 51.70	42.552	− 1.14	−1 5.3	16 44 46.26	.....	−10 37 14.4	....
41	κ Ophiuchi	9	52 48.58	− 0.36	**+32.22**	330 31 52.95	47.138	− 1.14	− 31.4	16 53 20.44	.....	+ 9 31 5.5	....
	June 13, P.												
42	Moon I, N	9	4 58.28	− 0.44	+32.20	299 9 48.48	45.745	− 1.14	−1 39.5	17 5 30.04	+72.76	−21 52 40.6	....
43	Moon S	.	.. ..	....	.....	298 37 47.72	43.832	− 1.14	−1 41.8	.. ..	.....	−22 25 23.7	....
44	δ Ursæ Minoris	9	1 51.22	− 5.71	+32.20	47 35 50.48	47.844	− 1.06	+1 1.3	18 2 17.71	.....	+86 36 51.6	....
45	446 B. Herculis	9	17 48.37	− 0.37	+32.21	344 15 52.08	44.470	− 1.06	− 15.7	18 18 20.21	− 1.72	+23 14 19.4	+ 0.9
46	3 H. Scuti	9	29 41.91	− 0.38	**+32.20**	312 43 49.32	44.410	− 1.06	−1 0.4	18 30 13.74	.....	− 8 18 29.4	....
47	4 H. Scuti	9	36 44.04	− 0.38	**+32.26**	311 53 49.15	44.708	− 1.06	−1 2.2	18 37 15.87	.....	− 9 8 24.5	....
48	110 Herculis	9	41 11.96	− 0.36	**+32.18**	341 28	....	....	. ....	18 41 43.81	.....	+20 27	....
49	43 Camelopardalis s. p.	9	43 11.26	+ 1.02	+32.21	71 57 52.48	46.450	− 1.06	+2 50.8	6 43 44.49	+ 3.01	+68 59 48.3	− 3.6
50	R Lyræ	9	52 2.49	− 0.45	+32.21	4 49 53.92	46.465	− 1.06	+ 4.8	18 52 34.25	.....	+43 49 27.2	....
51	51 H. Cephei s. p.	9	56 37.56	+ 7.01	+32.21	53 47 51.18	45.529	− 1.06	+1 16.5	6 57 16.78	.....	+87 11 44.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 19 10	......	....	63.2
19 34	29.965	64.1	62.7
20 0	......	....	62.6
20 19	29.97	63.4	62.2
13 5 27	30.02	78.3	80.0
7 32	29.985	80.0	82.4
14 30	29.935	73.6	72.1
14 54	......	....	71.2
15 19	29.945	72.0	70.7
15 40	......	....	70.1
16 3	29.94	70.9	69.6
16 23	......	....	69.1
16 47	29.935	70.0	68.7
17 9	29.94	69.8	68.1
17 58	29.93	69.0	67.9
18 15	......	....	67.5
18 45	29.92	68.0	67.0

Micrometer bisections are made at II, VI, except as noted below.

13.	Bisections at b_1, b_2, b_5.
14.	Bisections at I, II.
15.	Bisections at VI, VII.
16.	Bisections at I, II, VI, VII.
20, 23, 25, 39.	Bisections at III, V.
24, 49.	Bisections at III, IV, V.
42.	Bisections at I, II, III.
43.	Bisections at V, VI, VII.
44, 51.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

6. Minutes of circle reading assumed.

36. Hazy.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+ 2.3	−15 45.4	...	−15 43.1
15	+ 2.4	+15 45.4	...	+15 47.8
16	+ 6.8	− 23.8	...	− 17.0
42	+51 45.7	−16 13.5	...	+35 32.2
43	+52 2.5	+16 13.5	− 0.7	+68 15.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	54 Sagittarii	8	34 56.81	− 0.45	+32.53	304 31 53.00	46.158	− 2.45	−1 22.4	19 35 28.89	.....	−16 30 9.1	....
2	15 Cygni	.	.. ..	....	.....	358 7 54.12	47.935	− 2.46	− 1.8	19 41	.....	+37 7 53.1	+ 4.2
3	ζ Sagittæ	.	.. ..	....	.....	339 55 53.28	45.612	− 2.48	− 20.8	19 45	.....	+18 54 40.2	+ 1.6
4	β Aquilæ	.	.. ..	....	.....	327 11 52.50	46.238	− 2.49	− 36.6	19 50	.....	+ 6 10 37.9	....
5	γ Sagittæ	.	.. ..	....	.....	340 15 52.25	45.250	− 2.51	− 20.4	19 54	.....	+19 14 31.3	....
6	τ Aquilæ	.	.. ..	....	.....	328 1 51.48	47.532	− 2.52	− 35.5	19 59	.....	+ 7 1 7.6	....
7	ρ Aquilæ	9	9 30.47	− 0.37	+32.53	335 55 52.30	46.832	− 2.56	− 25.4	20 10 2.63	− 1.46	+14 55 2.4	+ 1.3
8	24 Vulpeculæ	9	12 20.19	− 0.38	+32.53	345 23 52.78	46.840	− 2.57	− 14.8	20 12 52.34	.....	+24 23 13.7	....
9	Moon II, N	9	25 21.28	− 0.49	+32.53	298 33 51.92	46.592	− 2.61	−1 44.2	20 25 53.32	−74.18	−22 28 22.2	....
10	ζ Delphini	9	30 29.66	− 0.37	+32.53	335 21 51.65	47.865	− 2.62	− 26.1	20 31 1.82	− 1.38	+14 21 24.6	+ 1.4
11	α Delphini	9	34 51.12	− 0.38	**+32.56**	336 37 51.98	42.078	− 2.64	− 24.6	20 35 23.28	.....	+15 35 14.2	....
12	B. D.+52°2799	9	43 10.91	− 0.54	+32.54	13 39 54.50	46.220	− 2.66	+ 14.0	20 43 42.91	− 1.86	+52 39 29.9	+ 9.2
13	B. D.+50°3211	9	46 16.85	− 0.52	+32.54	11 59 53.72	42.990	− 2.67	+ 12.2	20 46 48.87	− 1.80	+50 58 13.5	+ 9.1
14	32 Vulpeculæ	9	50 7.50	− 0.39	**+32.62**	348 44	......	....	.....	20 50 39.65	.....	+27 42	....
15	ν Cygni	9	53 13.93	− 0.44	+32.54	1 50	......	....	.....	20 53 46.03	.....	+40 48	....
16	θ Capricorni	9	0 15.84	− 0.45	**+32.55**	303 27 52.68	42.072	− 2.72	−1 26.4	21 0 47.93	.....	−17 35 47.1	....
17	ν Aquarii	9	4 4.23	− 0.42	**+32.48**	309 17 53.70	44.542	− 2.73	−1 9.8	21 4 36.35	.....	−11 44 33.0	....
18	ζ Cygni	9	8 30.36	− 0.39	**+32.58**	350 52	......	....	.....	21 9 2.51	.....	+29 50	....
19	α Equulei	9	10 42.58	− 0.38	**+32.53**	325 53 51.92	44.885	− 2.75	− 38.7	21 11 14.74	.....	+ 4 52 4.1	....
	June 17, Fk.												
20	Sun I, S	9	41 7.88	− 0.43	+32.57	344 7 54.72	48.172	− 2.61	− 15.8	5 41 40.02	+68.83	+23 7 45.1	....
21	Sun II, N	9	43 25.54	− 0.43	+32.57	344 39 54.75	46.872	− 2.61	− 15.2	5 43 57.68	−68.83	+23 39 15.7	....
22	34 Boötis	9	38 51.89	− 0.40	+32.60	347 55 52.48	46.770	− 2.70	− 12.0	14 39 24.09	− 1.32	+26 55 14.4	− 5.3
23	ξ Boötis (*brighter*)	9	46 37.66	− 0.39	+32.60	340 29 52.35	46.650	− 2.70	− 20.0	14 47 9.87	− 1.32	+19 29 3.5	− 3.4
24	ξ^2 Libræ	9	51 15.69	− 0.43	**+32.59**	309 59 52.70	44.965	− 2.70	−1 7.2	14 51 47.86	.....	−11 2 21.7	....
25	ψ Boötis	9	59 59.39	− 0.40	**+32.64**	348 19 53.35	44.768	− 2.70	− 11.6	15 0 31.59	.....	+27 18 29.9	....
26	ι Libræ	9	6 27.88	− 0.47	**+32.60**	301 35 51.98	45.192	− 2.70	−1 31.6	15 7 0.01	.....	−19 26 41.6	....
27	δ Boötis	9	11 16.94	− 0.42	+32.60	354 39 53.92	47.402	− 2.70	− 5.2	15 11 49.12	.....	+33 39 37.1	....
28	ι Draconis	9	22 23.13	− 0.63	+32.61	20 17 54.78	45.872	− 2.70	+ 21.0	15 22 55.11	.....	+59 17 29.2	....
29	B. D.+43°2510	9	31 30.24	− 0.46	+32.61	4 29 53.62	43.980	− 2.70	+ 4.5	15 32 2.39	− 1.75	+43 28 28.3	− 7.1
30	φ Boötis	9	34 0.84	− 0.44	+32.61	1 39 53.05	46.342	− 2.70	+ 1.7	15 34 33.01	− 1.71	+40 39 18.9	− 6.5
31	ε Coronæ Borealis	9	53 16.10	− 0.39	**+32.59**	348 10	......	....	.....	15 53 48.32	.....	+27 8	....
	June 18, M.												
32	Sun I, N	9	45 17.17	− 0.38	+32.73	344 41 53.30	45.562	− 2.45	− 15.1	5 45 49.52	+68.94	+23 40 45.0	....
33	Sun II, S	9	47 35.04	− 0.38	+32.73	344 9 52.92	46.935	− 2.45	− 15.7	5 48 7.39	−68.93	+23 9 14.9	....
34	c^1 Centauri	9	37 31.02	− 0.58	+32.76	286 17 49.75	43.875	− 1.92	−3 8.6	14 38 3.20	− 1.60	−34 46 50.0	+10.1
35	8 Libræ	9	45 4.87	− 0.47	**+32.76**	305 26	......	....	.....	14 45 37.16	.....	−15 36	....
36	61 B. Draconis	9	48 36.17	− 0.73	+32.76	20 39 52.50	48.078	− 1.92	+ 21.2	14 49 8.20	.....	+59 40 18.1	....
37	47 H. Cephei s. p.	9	53 10.61	+ 1.89	+32.76	61 55 49.62	46.095	− 1.92	+1 45.0	2 53 45.26	.....	+79 3 5.9	....
38	ψ Boötis	9	59 59.32	− 0.45	**+32.75**	348 19 51.50	44.760	− 1.92	− 11.5	15 0 31.63	.....	+27 18 28.8	....
39	ι Libræ	9	6 27.77	− 0.49	**+32.73**	301 35 49.82	45.148	− 1.92	−1 30.7	15 7 0.04	.....	−19 26 43.1	....
40	δ Boötis	9	11 16.83	− 0.47	+32.76	354 39 51.65	47.442	− 1.92	− 5.2	15 11 49.12	.....	+33 39 36.5	....
41	ι Draconis	9	22 23.08	− 0.73	+32.76	20 17 52.00	45.990	− 1.92	+ 20.8	15 22 55.11	.....	+59 17 29.5	....
42	B. D.+43°2510	8	31 30.19	− 0.53	+32.76	4 29 50.98	44.088	− 1.92	+ 4.5	15 32 2.42	− 1.74	+43 28 28.9	− 7.2
43	φ Boötis	9	34 0.72	− 0.51	+32.76	1 39 50.60	46.455	− 1.92	+ 1.7	15 34 32.97	− 1.70	+40 39 19.7	− 6.7
44	γ Coronæ Borealis	9	38 22.00	− 0.45	+32.76	347 35 51.30	46.972	− 1.92	− 12.3	15 38 54.31	− 1.56	+26 35 18.3	− 4.3
45	κ Serpentis	9	44 5.07	− 0.43	+32.76	339 25 51.28	48.130	− 1.92	− 21.0	15 44 37.40	.....	+18 25 36.1	....
46	γ Serpentis	9	51 41.39	− 0.43	**+32.81**	336 59 51.32	43.388	− 1.92	− 23.8	15 52 13.72	.....	+15 57 45.0	....
47	β^1 Scorpii	9	59 34.52	− 0.49	**+32.80**	301 29 48.88	43.738	− 1.92	−1 31.3	16 0 6.79	.....	−19 33 16.9	....
48	τ Coronæ Borealis	9	5 5.89	− 0.49	+32.76	357 43 51.50	47.255	− 1.92	− 2.2	16 5 38.16	− 1.76	+36 43 35.0	− 5.0
49	δ Ophiuchi	9	9 0.69	− 0.44	**+32.78**	317 33 48.65	46.748	− 1.92	− 51.3	16 9 33.01	.....	− 3 27 28.4	....
50	σ Scorpii	9	15 5.25	− 0.52	+32.76	295 39 47.92	47.205	− 1.92	−1 56.2	16 15 37.49	.....	−25 22 23.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 19 32	29.97	60.0	....
19 48	......	....	58.8
20 6	29.975	59.4	57.7
20 28	29.98	59.4	58.3
20 57	29.985	57.8	55.9
21 15	29.985	57.8	56.8
17 5 43	30.10	72.1	71.1
14 35	30.09	65.4	64.5
14 55	30.095	65.0	64.4
15 16	......	....	64.2
15 41	30.09	64.4	63.3
16 1	......	....	63.3
18 5 48	30.11	74.9	74.8
14 36	30.03	[illegible]	68.2
14 58	......	....	68.0
15 16	30.03	68.8	67.5
15 47	......	....	66.7
16 13	30.02	67.7	66.0

Micrometer bisections are made at II, VI, except as noted below.

6, 12, 13, 28–30.	Bisections at III, V.
9.	Bisections at I, II, VI, VII.
20, 32, 42.	Bisections at I, II.
21, 33, 50.	Bisections at VI, VII.
34.	Bisections at I, II, VI.
37.	Bisections at III, IV, V.

Notes.

6. Micrometer reading decreased 1 rev.
13. Revolutions of micrometer reading assumed.
23. Assumed that brighter was observed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+52 47.3	−16 27.7	...	+36 19.6
20	+ 2.3	+15 45.2	...	+15 47.5
21	+ 2.2	−15 45.3	...	−15 43.1
32	+ 2.2	−15 45.0	...	−15 42.8
33	+ 2.3	+15 45.0	...	+15 47.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ρ Ophiuchi (*mean*)	9	19 33.54	− 0.51	+32.76	297 47 48.38	47.310	− 1.92	−1 46.0	16 20 5.79	− 1.82	−23 14 10.4	+ 3.3
2	N Scorpii	9	24 51.93	− 0.58	+32.76	286 33 50.02	45.050	− 1.92	−3 6.2	16 25 24.11	− 2.04	−34 30 20.6	+ 4.3
3	σ Herculis	9	30 37.83	− 0.52	+32.77	3 37 52.62	47.298	− 1.92	+ 3.6	16 31 10.08	.....	+42 37 42.9	....
4	k Herculis	9	45 20.66	− 0.43	+32.77	328 25 50.50	45.602	− 1.92	− 34.5	16 45 53.00	− 1.67	+ 7 24 24.1	− 0.8
5	κ Ophiuchi	9	52 48.13	− 0.43	**+32.77**	330 31 49.65	47.362	− 1.92	− 31.7	16 53 20.47	.....	+ 9 31 6.2	....
6	ε Herculis	9	56 15.67	− 0.46	+32.77	352 3 51.18	47.985	− 1.92	− 7.8	16 56 47.98	.....	+31 3 45.8	....
	June 18, P.												
7	λ Aquilæ	9	0 51.48	− 0.41	**+32.65**	316 1 50.72	42.308	− 1.90	− 54.4	19 1 23.75	.....	− 5 1 10.8	....
8	Uranus C, C	9	7 33.89	− 0.47	+32.68	298 5 48.52	44.955	− 1.90	−1 45.1	19 8 6.10	.....	−22 57 3.2	....
9	θ Lyræ	9	12 40.20	− 0.47	+32.68	358 57 52.10	48.742	− 1.90	− 0.9	19 13 12.41	.....	+37 58 10.9	....
10	δ Aquilæ	9	20 21.04	− 0.40	**+32.62**	323 57 49.80	44.625	− 1.90	− 41.0	19 20 53.32	.....	+ 2 55 54.6	....
11	β Cygni	9	26 30.17	− 0.43	**+32.66**	348 47 51.98	43.398	− 1.90	− 11.1	19 27 2.42	.....	+27 45 58.5	....
12	h Sagittarii	9	30 36.29	− 0.48	+32.68	295 57 49.45	45.172	− 1.90	−1 55.2	19 31 8.49	.....	−25 5 7.4	....
13	54 Sagittarii	9	34 56.69	− 0.44	+32.68	304 31 50.15	46.200	− 1.90	−1 21.8	19 35 28.93	.....	−16 30 9.8	....
14	15 Cygni	9	40 27.09	− 0.47	+32.68	358 7 52.30	48.028	− 1.90	− 1.8	19 40 59.30	− 1.80	+37 7 53.9	+ 3.7
15	Groombridge 3402	9	52 24.00	−18.38	+32.68	49 49 49.58	47.440	− 1.90	+1 7.1	19 52 38.30	−53.55	+88 50 45.7	+ 8.0
16	θ Aquilæ	9	6 2.74	− 0.41	**+32.71**	319 55 50.82	46.095	− 1.90	− 47.4	20 6 35.01	.....	− 1 5 37.2	....
17	30 Cygni	9	9 54.23	− 0.54	+32.68	7 33 50.00	43.080	− 1.90	+ 7.6	20 10 26.37	− 1.90	+46 32 7.9	+ 6.3
18	β Capricorni	9	15 19.95	− 0.44	**+32.69**	305 57 48.80	45.892	− 1.90	−1 17.7	20 15 52.19	.....	−15 4 14.1	....
19	69 Aquilæ	9	24 19.73	− 0.41	+32.68	317 49 49.28	46.830	− 1.90	− 51.1	20 24 52.00	− 1.45	− 3 11 25.6	− 2.9
20	181 B. Camelopardalis S. P.	9	28 52.81	+ 1.38	+32.68	67 1 51.60	44.373	− 1.90	+2 13.2	8 29 26.87	+ 3.15	+73 57 15.1	− 9.9
21	α Delphini	9	34 51.03	− 0.40	**+32.72**	336 37 50.98	42.110	− 1.90	− 24.4	20 35 23.31	.....	+15 35 14.9	....
22	B. D.+52°2799	9	43 10.98	− 0.60	+32.68	13 39 52.38	46.300	− 1.90	+ 13.9	20 43 43.06	− 1.92	+52 39 30.1	+ 8.7
23	B. D.+50°3211	9	46 16.89	− 0.58	+32.68	11 59 51.88	43.052	− 1.90	+ 12.1	20 46 48.99	− 1.85	+50 58 13.6	+ 8.6
24	220 H¹. Draconis	9	51 22.30	− 2.16	+32.68	41 11 52.32	46.832	− 1.90	+ 49.7	20 51 52.82	.....	+80 12 18.0	....
25	A Capricorni	9	1 14.12	− 0.48	+32.68	295 41 48.78	42.225	− 1.90	−1 57.1	21 1 46.32	− 1.42	−25 22 17.3	− 8.9
26	ν Aquarii	9	4 4.13	− 0.43	**+32.65**	309 17 50.85	44.620	− 1.90	−1 9.1	21 4 36.38	.....	−11 44 32.6	....
27	G Cephei	9	8 57.81	− 0.72	+32.68	20 37 53.38	42.895	− 1.99	+ 21.4	21 9 29.77	− 2.03	+59 36 20.8	+10.9
28	Moon II, N	9	29 21.81	− 0.45	+32.69	306 5 49.58	48.135	− 2.08	−1 17.4	22 29 54.05	−70.04	−14 55 22.1	....
	June 19, P.												
29	Sun I, N	9	49 26.63	− 0.37	+32.72	344 43 52.10	43.180	− 1.40	− 14.8	5 49 58.98	+69.07	+23 41 50.7	....
30	Sun II, S	9	51 44.77	− 0.37	+32.72	344 11 51.45	44.575	− 1.40	− 15.4	5 52 17.12	−69.07	+23 10 20.9	....
31	Venus I, N	9	31 28.32	− 0.37	+32.72	342 31 52.20	46.961	− 1.17	− 17.0	7 32 0.67	+ 1.86	+21 31 15.0	....
32	118 H¹. Cassiopeiæ S. P.	9	36 18.56	+ 1.01	+32.74	73 31 49.08	46.043	− 0.01	+3 3.3	2 36 52.31	+ 1.53	+67 25 47.5	+13.2
33	34 Boötis	9	38 51.71	− 0.39	+32.74	347 55 50.12	46.798	− 0.02	− 11.6	14 39 24.06	− 1.30	+26 55 15.7	− 5.6
34	α Libræ	9	45 16.22	− 0.38	**+32.77**	305 21 48.30	47.348	− 0.04	−1 16.7	14 45 48.58	.....	−15 39 38.5	....
35	61 B. Draconis	9	48 36.24	− 0.70	+32.74	20 39 50.38	48.118	− 0.06	+ 20.7	14 49 8.28	.....	+59 40 18.3	....
36	ψ Boötis	9	59 59.28	− 0.39	**+32.73**	348 19 50.98	44.768	− 0.10	− 11.2	15 0 31.63	.....	+27 18 30.3	....
37	ι Libræ	9	6 27.62	− 0.39	**+32.78**	301 36	......	....	.....	15 6 59.97	.....	−19 26	....
38	1 Lupi	9	8 28.39	− 0.43	+32.74	289 53 48.18	42.545	− 0.13	−2 29.6	15 9 0.70	− 1.69	−31 10 41.3	+ 8.0
39	β Libræ	9	11 32.31	− 0.36	**+32.81**	312 0	......	....	.....	15 12 4.69	.....	− 9 2	....
40	α Coronæ Borealis	9	30 16.72	− 0.39	**+32.76**	348 1 50.00	47.608	− 0.15	− 11.5	15 30 49.07	.....	+27 1 34.1	....
41	κ Libræ	9	36 7.86	− 0.39	+32.74	301 39 48.88	44.518	− 0.24	−1 28.4	15 36 40.21	.....	−19 22 54.5	....
42	γ Serpentis	5	51 41.33	− 0.36	**+32.80**	337 0	......	....	.....	15 52 13.71	.....	+15 57	....
43	ν Scorpii (*mean*)	9	6 8.20	− 0.38	**+32.67**	301 50	......	....	.....	16 6 40.57	.....	−19 13	....
44	δ Ophiuchi	7	9 0.71	− 0.36	**+32.68**	317 34	......	....	.....	16 9 33.10	.....	− 3 27	....
45	β Herculis	9	25 45 20	− 0.38	**+32.70**	342 42	......	....	.....	16 26 17.57	.....	+21 41	....
46	ζ Ophiuchi	9	31 34.77	− 0.36	**+32.81**	310 40	......	....	.....	16 32 7.16	.....	−10 22	....
	June 20, Fk.												
47	32 Libræ	8	22 32.98	− 0.39	**+32.94**	304 37 51.25	46.718	+ 3.04	−1 18.6	15 23 5.50	.....	−16 23 48.8	....
48	3 H. Scorpii	8	30 55.50	− 0.42	+32.91	293 13 49.18	43.330	+ 3.04	−2 6.2	15 31 27.99	− 1.73	−27 49 55.8	+ 6.4
49	ε Serpentis	9	45 42.73	− 0.37	**+32.93**	325 45 52.02	47.760	+ 3.04	− 37.1	15 46 15.27	.....	+ 4 45 17.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
18 16 59	30.01	66.7	65.2
18 58	29.98	65.0	63.9
19 18	......	....	63.4
19 51	29.985	64.6	63.3
20 12	......	....	62.8
20 40	29.98	63.2	62.0
21 0	......	....	61.4
21 11	29.98	62.9	61.5
22 30	29.985	61.9	61.9
19 5 52	29.965	79.7	81.2
7 32	29.95	82.3	84.1
14 32	29.88	79.0	78.1
14 52	......	....	78.0
15 15	......	....	77.1
15 25	29.88	78.0	77.1
15 57	29.89	77.2	76.9
20 15 20	29.84	78.3	78.6
15 38	......	....	78.0

Micrometer bisections are made at II, VI, except as noted below.

2. Bisections at II, VI, VII.
8, 31. Bisections at I, II, VI, VII.
15. Bisections at b_1, b_3, b_5, b_7, b_9.
20, 32. Bisections at III, IV, V.
24. Bisections at III, V.
28. Bisections at II, III, IV, V, VI.
29. Bisections at I, II.
30, 36. Bisections at VI, VII.
38. Bisections at II, VII.

Notes.

1. Assumed that mean was observed.
32. Faint.
42-44. Clouds.
48. Very poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+ 0.4	.. ....	...	+ 0.4
28	+48 2.1	−16 17.9	...	+31 44.2
29	+ 2.2	−15 44.9	...	−15 42.7
30	+ 2.3	+15 44.8	...	+15 47.1
31	+ 7.9	− 26.1	...	− 18.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Scorpii	9	54 22.77	− 0.40	+32.91	298 41 50.28	42.760	+ 3.04	−1 39.4	15 54 55.28	.....	−22 21 41.0	....
2	β¹ Scorpii	9	59 34.38	− 0.39	**+32.84**	301 29 51.28	43.292	+ 3.04	−1 28.9	16 0 6.90	.....	−19 33 17.3	....
3	19 Ursæ Minoris	8	12 59.52	− 1.56	+32.91	37 5 51.40	48.187	+ 3.04	+ 41.5	16 13 30.87	.....	+76 6 44.9	....
4	η Ursæ Minoris	9	19 44.20	− 1.54	+32.91	36 57 50.35	46.868	+ 3.04	+ 41.3	16 20 15.57	.....	+75 58 13.4	....
5	g Herculis	9	25 6.71	− 0.48	+32.91	3 5 51.72	45.680	+ 3.04	+ 3.0	16 25 39.14	− 1.91	+42 5 9.4	− 5.4
6	ζ Ophiuchi	9	31 34.69	− 0.36	**+32.90**	310 39 50.42	43.322	+ 3.04	−1 3.5	16 32 7.24	.....	−10 22 52.1	....
7	k Herculis	9	45 20.53	− 0.35	+32.91	328 25 49.78	45.410	+ 3.04	− 33.6	16 45 53.09	− 1.67	+ 7 24 24.8	− 1.0
8	η Ophiuchi	9	4 35.37	− 0.37	**+32.86**	305 25 51.22	44.368	+ 3.04	−1 16.7	17 5 7.91	.....	−15 36 40.6	....
9	α Herculis	9	9 56.29	− 0.35	**+32.93**	335 31 50.10	43.295	+ 3.04	− 24.9	17 10 28.85	.....	+14 29 45.5	....
10	σ Ophiuchi	9	21 26.17	− 0.34	**+32.89**	325 13 52.25	47.620	+ 3.04	− 37.9	17 21 58.74	.....	+ 4 13 13.5	....
11	α Ophiuchi	9	30 9.03	− 0.34	**+32.88**	333 39 47.98	43.155	+ 3.04	− 27.1	17 30 41.60	.....	+12 37 38.0	....
	June 20, P.												
12	δ Ursæ Minoris	9	1 50.67	− 6.36	+32.89	47 35 47.95	47.932	+ 3.15	+1 0.2	18 2 17.20	.....	+86 36 54.2	....
13	51 H. Cephei s. p.	9	56 36.00	+ 7.81	+32.90	53 47 49.60	45.592	+ 2.84	+1 15.0	6 57 16.71	.....	+87 11 42.3	....
14	θ Lyræ	9	12 39.95	− 0.46	+32.90	358 57 49.88	48.642	+ 2.84	− 0.9	19 13 12.39	.....	+37 58 11.2	....
15	δ Aquilæ	9	20 20.78	− 0.34	**+32.86**	323 57 47.72	44.448	+ 2.84	− 39.9	19 20 53.34	.....	+ 2 55 54.3	....
16	4 Cygni	9	22 19.75	− 0.45	+32.90	357 9 49.30	42.980	+ 2.84	− 2.7	19 22 52.20	− 1.87	+36 7 59.4	+ 2.4
17	β Cygni	9	26 29.92	− 0.39	**+32.91**	348 47 50.15	43.268	+ 2.84	− 10.8	19 27 2.43	.....	+27 45 58.5	....
18	κ Aquilæ	8	31 25.64	− 0.35	**+32.97**	313 48	......	....	. ....	19 31 58.19	.....	− 7 13	....
19	σ Aquilæ	8	34 8.30	− 0.34	+32.90	326 11 47.60	48.008	+ 2.84	− 36.7	19 34 40.86	− 1.63	+ 5 11 18.7	− 1.3
20	β Sagittæ	9	36 24.13	− 0.36	**+32.90**	338 17 49.20	43.308	+ 2.84	− 21.8	19 36 56.67	.....	+17 15 47.8	....
21	γ Aquilæ	9	41 22.22	− 0.35	**+32.93**	331 24	......	....	. ....	19 41 54.77	.....	+10 23	....
22	ζ Sagittæ	9	44 22.74	− 0.36	+32.90	339 55 49.10	45.602	+ 2.84	− 20.0	19 44 55.28	− 1.64	+18 54 41.9	+ 0.8
23	β Aquilæ	9	50 16.75	− 0.34	**+32.86**	327 11 46.78	46.260	+ 2.84	− 35.4	19 50 49.31	.....	+ 6 10 39.2	....
24	ψ Cygni	9	52 44.96	− 0.58	+32.90	13 11 58.70	46.142	+ 2.84	+ 13.0	19 53 17.28	.....	+52 11 36.4	....
25	τ Aquilæ	9	59 7.71	− 0.34	**+32.97**	328 1 49.35	47.358	+ 2.84	− 34.2	19 59 40.27	.....	+ 7 1 8.1	....
26	20 Vulpeculæ	9	7 38.35	− 0.38	+32.90	347 13 48.18	44.022	+ 2.84	− 12.4	20 8 10.87	− 1.62	+26 12 12.4	+ 2.5
27	30 Cygni	9	9 54.07	− 0.51	+32.90	7 33 49.55	42.952	+ 2.84	+ 7.4	20 10 26.46	− 1.94	+46 32 8.8	+ 5.8
28	Groombridge 1418 s. p.	9	26 41.44	+ 4.77	+32.90	55 35 48.70	47.204	+ 2.84	+1 20.6	8 27 19.11	+11.97	+85 23 1.0	− 9.8
29	B. D.+52°2799	9	43 10.77	− 0.58	+32.90	13 39 51.62	46.170	+ 2.84	+ 13.5	20 43 43.09	− 1.98	+52 39 30.7	+ 8.2
30	B. D.+50°3211	9	46 16.82	− 0.56	+32.90	11 59 50.18	42.960	+ 2.84	+ 11.8	20 46 49.16	− 1.90	+50 58 14.2	+ 8.1
31	220 H¹. Draconis	9	51 22.41	− 2.18	+32.90	41 11 49.12	46.865	+ 2.84	+ 48.4	20 51 53.13	.....	+80 12 19.0	....
32	η Capricorni	9	58 39.22	− 0.38	+32.90	300 49 46.25	44.378	+ 6.12	−1 31.9	20 59 11.74	− 1.44	−20 12 57.4	− 7.7
33	f² Cygni	9	2 55.24	− 0.52	+32.90	8 17 46.75	44.110	+ 6.12	+ 8.1	21 3 27.62	− 1.71	+47 16 36.7	+ 8.2
34	G Cephei	9	8 57.66	− 0.70	+32.90	20 37 49.68	42.890	+ 2.84	+ 20.8	21 9 29.86	− 2.10	+59 36 21.1	+10.4
35	Moon II, N	9	19 44.86	− 0.34	+32.91	316 57 46.55	43.924	+ 2.47	− 51.4	0 20 17.43	−66.47	− 4 4 30.8	....
	June 21, M.												
36	Moon II	9	11 42.91	− 0.31	+33.08	322 22	......	....	. ....	1 12 15.68	−65.62	.. ..	....
	June 22, M.												
37	Sun I, S	9	1 55.19	− 0.36	+33.09	344 11 51.30	46.470	+ 2.25	− 15.2	6 2 27.92	+68.90	+23 11 8.3	....
38	Sun II, N	9	4 12.99	− 0.36	+33.09	344 43 50.82	45.090	+ 2.25	− 14.7	6 4 45.72	−68.90	+23 42 36.4	....
	June 22, Fk.												
39	Uranus C, C	9	6 54.03	− 0.37	+33.04	298 5 46.72	41.800	+ 2.49	−1 42.5	19 7 26.70	.....	−22 58 10.1	....
40	4 Cygni	9	22 19.59	− 0.38	+33.04	357 9 50.65	42.960	+ 2.49	− 2.7	19 22 52.25	− 1.90	+36 8 0.0	+ 1.8
41	8 Cygni	9	27 50.36	− 0.38	+33.04	355 15 50.95	46.820	+ 2.49	− 4.5	19 28 23.02	− 1.86	+34 15 26.7	+ 1.8
42	κ Aquilæ	9	31 25.59	− 0.33	**+33.04**	313 47 49.22	45.772	+ 2.49	− 57.2	19 31 58.30	.....	− 7 13 51.6	....
43	14 Cygni	9	35 56.23	− 0.42	+33.04	3 37 51.18	43.472	+ 2.49	+ 3.5	19 36 28.85	− 2.00	+42 36 18.5	+ 3.0
44	f Sagittarii	9	40 28.99	− 0.36	+33.04	301 3 50.25	44.590	+ 2.49	−1 30.9	19 41 1.67	− 1.78	−19 58 51.2	− 5.3
45	α Aquilæ	9	45 46.64	− 0.32	**+33.07**	329 39 49.18	43.145	+ 2.49	− 32.1	19 46 19.36	.....	+ 8 37 33.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 15 58	29.845	77.6	77.3
16 30	......	....	77.1
16 42	29.85	77.0	77.1
17 0	......	....	76.8
17 19	......	....	76.6
17 33	29.84	76.2	76.3
17 58	29.84	76.0	75.8
18 52	29.84	75.5	75.9
19 6	......	....	75.5
19 38	......	....	74.7
19 49	......	....	74.3
20 6	29.845	74.3	74.0
20 35	......	....	73.2
21 4	......	....	73.1
21 10	29.85	73.6	73.1
0 21	29.87	74.0	73.3
22 6 4	29.87	84.0	84.1
19 5	29.87	75.3	74.7
19 25	......	....	74.8
19 44	29.86	75.1	74.6

Micrometer bisections are made at II, VI, except as noted below.

3.	Bisections at III, IV, V.
4, 31, 43.	Bisections at III, V.
12, 13, 28.	Bisections at b_1, b_3, b_5, b_7, b_9.
17, 24, 27, 38.	Bisections at VI, VII.
35.	Bisections at II, III, IV, V, VI.
37.	Bisections at I, II.
42.	Bisections at III, VI.

Notes.

32. Haze.

32, 33. Two microscopes used.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
35	+39 46.4	−15 59.8	...	+23 46.6
37	+ 2.3	+15 44.0	...	+15 46.3
38	+ 2.2	−15 44.0	...	−15 41.8
39	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ψ Cygni	9	52 44.83	− 0.51	+33.04	13 11 51.55	46.528	+ 2.49	+ 13.0	19 53 17.36	.....	+52 11 38.0	....
2	15 Vulpeculæ	9	56 47.71	− 0.35	+33.04	348 31 50.88	43.182	+ 2.49	− 11.1	19 57 20.40	− 1.71	+27 29 56.9	+ 1.9
3	θ Aquilæ	9	6 2.43	− 0.32	**+33.01**	319 56	......	....	. ....	20 6 35.15	.....	− 1 5	....
4	68 Draconis	9	9 34.83	− 0.66	+33.04	22 47 50.98	46.832	+ 2.49	+ 23.3	20 10 7.21	− 2.68	+61 47 54.8	+ 6.8
5	β Capricorni	9	15 19.61	− 0.35	**+33.03**	305 57 51.02	45.565	+ 2.49	−1 15.8	20 15 52.30	.....	−15 4 13.1	....
6	69 Aquilæ	9	24 19.47	− 0.32	+33.04	317 49 50.75	46.528	+ 2.49	− 49.9	20 24 52.19	− 1.54	− 3 11 25.5	− 3.4
7	ε Delphini	9	28 17.88	− 0.32	**+33.07**	331 59 49.85	48.025	+ 2.49	− 29.3	20 28 50.60	.....	+10 59 28.4	....
8	κ Delphini	9	34 8.46	− 0.32	+33.04	330 47 48.92	43.622	+ 2.49	− 30.9	20 34 41.18	− 1.50	+ 9 45 45.2	− 0.7
9	γ Delphini (*fol.*)	9	41 52.16	− 0.32	+33.04	336 49 49.08	42.850	+ 2.49	− 23.6	20 42 24.88	− 1.49	+15 47 35.1	+ 0.7
10	ω Capricorni	9	45 49.06	− 0.40	+33.04	293 47 50.62	43.928	+ 2.49	−2 4.5	20 46 21.70	− 1.62	−27 15 39.6	− 8.9
11	220 H¹. Draconis	8	51 22.23	− 1.90	+33.04	41 11 51.72	46.810	+ 2.49	+ 48.6	20 51 53.37	.....	+80 12 20.3	....
12	61 Cygni (*pr.*)	9	2 15.52	− 0.38	+33.04	359 19 51.75	42.222	+ 2.49	− 0.6	21 2 48.18	.....	+38 17 46.3	....
13	G Cephei	9	8 57.61	− 0.60	+33.04	20 37 51.60	42.870	+ 2.49	+ 20.9	21 9 30.05	− 2.18	+59 36 22.5	+ 9.8
14	1 Pegasi	9	17 18.52	− 0.32	**+33.08**	340 25 49.72	45.428	+ 2.49	− 19.6	21 17 51.24	.....	+19 24 38.6	....
15	g Cygni	9	25 32.22	− 0.43	+33.04	7 9 50.45	42.500	+ 2.49	+ 7.0	21 26 4.83	− 1.62	+46 7 59.0	+ 8.3
16	ξ Aquarii	9	32 19.96	− 0.33	**+32.99**	312 45 49.60	45.740	+ 2.49	− 59.6	21 32 52.67	.....	− 8 15 54.3	....
17	Moon II, N	9	2 58.53	− 0.34	+33.04	328 9 49.40	47.225	+ 2.48	− 33.8	2 3 31.23	−65.44	+ 7 9 5.1	....
	June 23, Fk.												
18	Sun I, S	8	6 4.86	− 0.40	+33.05	344 11 50.55	44.960	+ 3.14	− 15.2	6 6 37.51	+68.87	+23 10 33.9	....
19	Sun II, N	9	8 22.59	− 0.40	+33.05	344 43 47.52	43.738	+ 3.14	− 14.6	6 8 55.24	−68.86	+23 42 3.2	....
20	α Libræ	9	45 15.82	− 0.36	**+33.13**	305 22	......	....	. ....	14 45 48.52	.....	−15 39	....
21	61 B. Draconis	9	48 35.72	− 0.68	+33.06	20 39 50.58	47.990	+ 3.74	+ 20.6	14 49 8.10	.....	+59 40 19.4	....
22	ψ Boötis	9	59 58.81	− 0.38	**+33.16**	348 19 50.58	44.632	+ 3.74	− 11.2	15 0 31.49	.....	+27 18 30.9	....
23	ι Libræ	9	6 27.26	− 0.37	**+33.11**	301 35 48.88	44.888	+ 3.74	−1 28.0	15 6 59.95	.....	−19 26 41.6	....
24	δ Boötis	9	11 16.39	− 0.41	+33.06	354 39 50.82	47.310	+ 3.74	− 5.0	15 11 49.04	.....	+33 39 38.5	....
25	32 Libræ	9	22 32.81	− 0.36	**+33.07**	304 37 50.65	46.755	+ 3.74	−1 18.4	15 23 5.51	.....	−16 23 47.6	....
26	3 H. Scorpii	9	30 55.24	− 0.40	+33.06	293 13 50.02	43.208	+ 3.74	−2 5.7	15 31 27.90	− 1.72	−27 49 56.6	+ 6.4
27	κ Libræ	9	36 7.50	− 0.37	+33.06	301 39 51.38	44.220	+ 3.74	−1 27.8	15 36 40.19	.....	−19 22 54.2	....
28	5 H. Camelopardalis S. P.	8	40 1.41	+ 1.10	+33.06	69 55 48.58	44.917	+ 3.74	+2 28.2	3 40 35.57	.....	+71 2 45.1	....
29	12 H. Draconis	9	44 45.79	− 0.75	+33.06	23 53 49.72	45.002	+ 3.74	+ 24.2	15 45 18.10	− 2.47	+62 53 13.9	−10.3
30	δ Scorpii	9	54 22.52	− 0.38	+33.06	298 41 50.65	42.712	+ 3.74	−1 39.0	15 54 55.20	.....	−22 21 40.6	....
31	β¹ Scorpii	9	59 34.18	− 0.37	**+33.03**	301 29 51.12	43.275	+ 3.74	−1 28.5	16 0 6.87	.....	−19 33 16.8	....
32	c¹ Scorpii	9	6 7.19	− 0.40	+33.06	293 21 50.48	44.740	+ 3.74	−2 5.1	16 6 39.85	− 1.86	−27 41 20.5	+ 4.7
33	σ Scorpii	9	15 4.83	− 0.39	+33.06	295 39 50.15	46.700	+ 3.74	−1 52.6	16 15 37.50	.....	−25 22 23.5	....
34	η Ursæ Minoris	9	19 43.90	− 1.43	+33.06	36 57 47.78	46.998	+ 3.74	+ 41.1	16 20 15.53	.....	+75 58 14.4	....
35	g Herculis	9	25 6.46	− 0.46	+33.06	3 5 49.65	45.780	+ 3.74	+ 3.0	16 25 39.06	− 1.90	+42 5 10.4	− 6.2
36	ζ Ophiuchi	9	31 34.49	− 0.35	**+33.10**	310 39 52.58	43.190	+ 3.74	−1 3.3	16 32 7.20	.....	−10 22 52.1	....
37	k Herculis	9	45 20.24	− 0.34	+33.06	328 25 51.10	45.345	+ 3.74	− 33.5	16 45 52.96	− 1.68	+ 7 24 25.4	− 1.6
38	57 H¹. Camelopardalis S. P.	9	52 25.24	+ 1.29	+33.06	67 1 48.55	48.327	+ 3.74	+2 8.6	4 52 59.59	+ 3.56	+73 55 46.7	+ 6.6
39	η Ophiuchi	9	4 35.18	− 0.36	**+33.06**	305 25 50.48	44.402	+ 3.74	−1 16.5	17 5 7.89	.....	−15 36 39.7	....
	June 23, M.												
40	Uranus C, C	9	6 43.92	− 0.37	+33.15	298 3 44.42	46.321	+ 3.79	−1 42.2	19 7 16.70	.....	−22 58 27.5	....
41	λ Ursæ Minoris	7	14 11.72	−18.85	+33.15	49 59 47.82	45.702	+ 3.77	+1 5.4	19 14 26.02	.....	+89 0 9.1	....
42	β Cygni	9	26 29.77	− 0.35	**+33.06**	348 47 47.48	43.352	+ 3.72	− 10.8	19 27 2.57	.....	+27 45 58.9	....
43	κ Aquilæ	9	31 25.51	− 0.33	**+33.14**	313 48	......	....	. ....	19 31 58.33	.....	− 7 13	....
44	σ Aquilæ	9	34 8.10	− 0.32	+33.15	326 11 46.50	48.050	+ 3.69	− 36.6	19 34 40.93	− 1.69	+ 5 11 19.5	− 1.9
45	f Sagittarii	9	40 28.89	− 0.36	+33.15	301 3 45.55	44.705	+ 3.67	−1 30.6	19 41 1.68	− 1.80	−19 58 51.9	− 5.3
46	α Aquilæ	8	45 46.60	− 0.32	**+33.12**	329 40	......	....	. ....	19 46 19.43	.....	+ 8 37	....
47	Groombridge 3402	6	52 26.98	−16.29	+33.15	49 49 46.90	47.463	+ 3.63	+1 5.1	19 52 43.84	−55.39	+88 50 47.8	+ 6.6
48	269 G. Sagittarii	9	57 46.29	− 0.36	+33.15	298 11 43.85	44.515	+ 3.61	−1 41.7	19 58 19.08	− 1.79	−22 51 9.0	− 6.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 20 4	......	....	74.0
20 20	29.86	73.8	72.3
20 40	......	....	71.4
21 0	29.86	72.8	71.4
21 21	......	....	72.0
21 40	29.86	72.9	71.9
2 1	29.87	78.0	79.1
23 6 8	29.95	87.2	87.7
14 40	29.90	82.7	82.1
14 52	......	....	81.8
15 4	......	....	81.5
15 19	29.91	81.9	81.2
15 39	......	....	81.0
15 58	29.91	81.4	80.5
16 29	......	....	79.8
16 49	......	....	79.1
16 58	29.90	79.9	79.0
18 58	29.89	78.2	77.1
19 24	......	....	76.7
19 44	......	....	76.5

Micrometer bisections are made at II, VI, except as noted below.

4, 13, 15, 21, 29, 34, 35.	Bisections at III, V.
11, 38.	Bisections at III, IV, V.
17.	Bisections at II, III, IV, V, VI.
18.	Bisections at I, II.
19.	Bisections at VI, VII.
28.	Bisections at b_1, b_5, b_7.
40.	Bisections at I, II, VI, VII.
41.	Bisections at b_4, b_5, b_6.
45.	Bisections at II, VI, VII.
47.	Bisections at b_3, b_5, b_7.

Notes.

20–39. Conditions very poor; unsteady.

28. Revolutions of micrometer reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
17	+30 1.0	−15 40.0	...	+14 21.0
18	+ 2.3	+15 44.6	...	+15 46.9
19	+ 2.2	−15 44.6	...	−15 42.4
40	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	4 B. Ursæ Minoris s. p.	5	4 48.08	+17.37	+33.15	52 3 44.62	48.627	+ 3.58	+1 10.5	8 5 38.60	.....	+88 54 41.9	....
2	β Capricorni	9	15 19.53	− 0.34	**+33.13**	305 58	......	....	. ....	20 15 52.34	.....	−15 4	....
3	ρ Capricorni	9	23 5.74	− 0.34	**+33.14**	302 55 45.10	44.172	+ 3.51	−1 24.4	20 23 38.55	.....	−18 6 58.2	....
4	ω^1 Cygni	9	26 41.90	− 0.45	+33.15	9 39 46.92	43.765	+ 3.50	+ 9.4	20 27 14.60	− 2.01	+48 38 27.7	+ 5.9
5	κ Delphini	9	34 8.46	− 0.31	+33.15	330 47 44.40	43.718	+ 3.47	− 30.6	20 34 41.30	− 1.52	+ 9 45 44.2	− 1.0
6	B. D.+52°2799	9	43 10.66	− 0.49	+33.15	13 39 46.95	46.388	+ 3.44	+ 13.4	20 43 43.32	− 2.07	+52 39 31.6	+ 7.2
7	B. D.+50°3211	9	46 16.50	− 0.47	+33.15	11 59 47.55	43.125	+ 3.43	+ 11.7	20 46 49.18	− 2.00	+50 58 15.8	+ 7.2
8	220 H^1. Draconis	9	51 22.22	− 1.87	+33.15	41 11 45.42	47.055	+ 3.41	+ 48.2	20 51 53.50	.....	+80 12 20.0	....
9	θ Capricorni	9	0 15.36	− 0.34	**+33.12**	303 28	......	....	. ....	21 0 48.17	.....	−17 35	....
10	f^2 Cygni	9	2 55.06	− 0.44	+33.15	8 17 46.70	44.235	+ 3.37	+ 8.1	21 3 27.77	− 1.80	+47 16 36.8	+ 7.3
11	G Cephei	9	8 57.36	− 0.59	+33.15	20 37 45.32	43.120	+ 3.34	+ 20.7	21 9 29.92	− 2.22	+59 36 22.4	+ 9.5
12	1 Pegasi	9	17 18.49	− 0.31	**+33.12**	340 25 47.48	45.455	+ 3.31	− 19.5	21 17 51.34	.....	+19 24 37.9	....
13	g Cygni	9	25 32.21	− 0.42	+33.16	7 9 47.68	42.580	+ 3.28	+ 7.0	21 26 4.95	− 1.66	+46 7 58.7	+ 8.0
14	Moon II	9	54 27.90	− 0.36	+33.18	332 58	......	....	. ....	2 55 0.72	−65.79	.. ..	....
	June 24, M.												
15	Sun I, N	9	10 14.13	− 0.36	+33.18	344 41 49.65	46.283	+ 3.96	− 14.5	6 10 46.95	+68.93	+23 41 4.7	....
16	Sun II, S	9	12 31.99	− 0.36	+33.18	344 9 49.90	47.660	+ 3.96	− 15.0	6 13 4.81	−68.93	+23 9 35.7	....
17	Venus I, N	9	24 22.72	− 0.33	+33.19	341 39 48.02	46.004	+ 4.16	− 17.5	7 24 55.58	+ 1.96	+20 38 53.8	....
	June 25, Fk.												
18	Sun I, N	9	14 23.62	− 0.36	+33.17	344 41 49.98	42.680	+ 3.46	− 14.9	6 14 56.43	+68.85	+23 39 41.9	....
19	Sun II, S	9	16 41.33	− 0.36	+33.17	344 9 49.12	44.120	+ 3.46	− 15.4	6 17 14.14	−68.86	+23 8 **13.1**	....
	June 26, M.												
20	ψ Boötis	9	59 58.60	− 0.39	**+33.35**	348 19 49.08	44.775	+ 2.28	− 11.5	15 0 31.55	.....	+27 18 **30.9**	....
21	48 H. Cephei s. p.	9	7 59.29	+ 1.46	+33.34	63 35 47.08	44.435	+ 2.28	+1 52.2	3 8 34.09	.....	+77 23 35.0	....
22	β Libræ	9	11 31.77	− 0.40	**+33.36**	311 59 46.90	44.032	+ 2.28	−1 1.8	15 12 4.71	.....	− 9 2 38.7	....
23	β Coronæ Borealis	9	23 30.67	− 0.39	**+33.37**	350 25 49.85	47.265	+ 2.28	− 9.3	15 24 3.62	.....	+29 25 30.8	....
24	3 H. Scorpii	9	30 55.07	− 0.47	+33.34	293 13 44.90	43.648	+ 2.28	−2 8.9	15 31 27.94	− 1.72	−27 49 56.3	+ 6.5
25	κ Libræ	7	36 7.33	− 0.43	+33.34	301 39 46.95	44.575	+ 2.28	−1 30.1	15 36 40.24	.....	−19 22 54.3	....
26	γ Coronæ Borealis	9	38 21.32	− 0.38	+33.34	347 35 48.68	46.980	+ 2.28	− 12.2	15 38 54.28	− 1.52	+26 35 20.2	− 5.9
27	12 H. Draconis	9	44 45.38	− 0.68	+33.34	23 53 46.48	45.255	+ 2.28	+ 24.8	15 45 18.04	− 2.39	+62 53 15.3	−11.1
28	δ Scorpii	9	54 22.35	− 0.45	+33.34	298 41 45.10	43.122	+ 2.28	−1 41.5	15 54 55.24	.....	−22 21 40.7	....
29	β^1 Scorpii	9	59 33.99	− 0.43	**+33.28**	301 29 45.75	43.675	+ 2.28	−1 30.8	16 0 6.90	.....	−19 33 16.7	....
30	c^1 Scorpii	9	6 7.05	− 0.48	+33.34	293 21 46.42	45.090	+ 2.28	−2 8.3	16 6 39.91	− 1.86	−27 41 21.2	+ 4.8
31	19 Ursæ Minoris	8	12 58.64	− 1.25	+33.34	37 5 48.80	48.365	+ 2.28	+ 42.4	16 13 30.73	.....	+76 6 46.5	....
32	η Ursæ Minoris	9	19 43.29	− 1.23	+33.34	36 57 43.25	47.240	+ 2.28	+ 42.2	16 20 15.40	.....	+75 58 14.5	....
33	g Herculis	9	25 6.23	− 0.43	+33.34	3 5 49.60	45.910	+ 2.28	+ 3.1	16 25 39.14	− 1.88	+42 5 11.9	− 7.0
34	ζ Ophiuchi	9	31 34.29	− 0.40	**+33.35**	310 39 45.95	43.625	+ 2.28	−1 5.0	16 32 7.23	.....	−10 22 51.9	....
35	ε Scorpii	9	43 41.43	− 0.53	+33.34	286 55 45.60	46.620	+ 2.28	−3 1.1	16 44 14.24	.....	−34 7 39.8	....
36	24 Ophiuchi	9	50 44.08	− 0.46	+33.34	298 1 45.38	46.860	+ 2.28	−1 44.6	16 51 16.96	− 1.92	−23 0 18.1	+ 1.9
37	117 G. Scorpii	9	55 24.87	− 0.51	+33.34	289 3 46.05	43.585	+ 2.28	−2 40.3	16 55 57.70	− 2.09	−32 0 28.0	+ 2.8
38	η Ophiuchi	9	4 35.06	− 0.42	**+33.26**	305 25 47.22	44.720	+ 2.28	−1 18.6	17 5 7.98	.....	−15 36 39.2	....
39	139 G. Scorpii	9	10 33.81	− 0.52	+33.34	288 29 47.65	46.045	+ 2.28	−2 45.5	17 11 6.63	− 2.14	−32 33 35.4	+ 1.9
	June 26, Fk.												
40	τ Aquilæ	8	59 7.48	− 0.39	**+33.37**	328 1 49.58	47.465	+ 2.24	− 35.2	19 59 40.36	.....	+ 7 1 9.2	....
41	θ Aquilæ	9	6 2.28	− 0.39	**+33.32**	319 56	......	....	. ....	20 6 35.16	.....	− 1 5	....
42	20 Vulpeculæ	9	7 38.06	− 0.40	+33.27	347 13 50.45	44.055	+ 2.24	− 12.8	20 8 10.93	− 1.75	+26 12 14.5	+ 0.8
43	α^2 Capricorni	9	12 25.98	− 0.42	**+33.25**	308 11 50.52	46.760	+ 2.24	−1 11.6	20 12 58.83	.....	−12 49 42.3	....
44	π Capricorni	9	21 32.33	− 0.44	**+33.24**	302 31 50.20	44.965	+ 2.24	−1 28.3	20 22 5.16	.....	−18 30 40.4	....
45	ω^1 Cygni	9	26 41.77	− 0.50	+33.27	9 39 51.62	43.662	+ 2.24	+ 9.7	20 27 14.54	− 2.08	+48 38 29.2	+ 4.8
46	υ Capricorni	9	34 17.70	− 0.44	+33.27	302 33 50.35	47.720	+ 2.24	−1 28.3	20 34 50.53	.....	−18 27 37.3	....
47	λ Cygni	9	43 18.31	− 0.41	+33.27	357 9 52.20	45.885	+ 2.24	− 2.7	20 43 51.17	.....	+36 9 8.1	....
48	220 H^1. Draconis	9	51 22.14	− 1.89	+33.27	41 11 52.92	46.743	+ 2.24	+ 49.8	20 51 53.52	.....	+80 12 20.9	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 20 17	29.875	77.1	76.1
20 56	29.86	76.7	75.7
21 31	29.86	76.2	75.2
24 6 13	29.88	89.7	91.3
7 24	29.86	91.3	93.1
25 6 17	29.90	79.9	79.9
26 14 57	30.01	72.1	70.4
15 17	......	....	70.1
15 52	......	....	69.4
15 58	30.02	70.7	....
16 17	......	....	68.7
16 37	30.03	69.7	68.3
17 15	30.025	68.0	67.0
20 4	30.00	64.8	63.5
20 19	......	....	63.0
20 39	30.00	63.8	61.8

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at b_3, b_5, b_6.
3, 6, 18. Bisections at I, II.
7. Bisections at II, VI, VII.
8, 31, 45. Bisections at III, V.
15. Bisections at I, II, III.
16. Bisections at V, VI, VII.
17. Bisections at I, II, VI, VII.
19, 22. Bisections at VI, VII.
21, 48. Bisections at III, IV, V.
25. Bisections at III, VI.

Notes.

1. Poor; unsteady.
12. Circle reading increased 6′.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+ 2.2	−15 44.5	...	−15 42.3
16	+ 2.3	+15 44.4	...	+15 46.7
17	+ 8.8	− 27.6	...	− 18.8
18	+ 2.2	−15 44.3	...	−15 42.1
19	+ 2.3	+15 44.4	...	+15 46.7

No.	Date Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*A* Capricorni	9	1 13.78	− 0.46	+33.28	295 39 53.82	47.210	+ 2.24	−1 57.2	21 1 46.60	− 1.64	−25 22 14.3	− 9.4
2	*G* Cephei	9	8 57.34	− 0.62	+33.28	20 37 50.90	42.948	+ 2.24	+ 21.4	21 9 30.00	− 2.32	+59 36 23.8	+ 8.5
3	1 Pegasi	9	17 18.39	− 0.36	**+33.35**	340 25 50.85	45.500	+ 2.24	− 20.1	21 17 51.31	.....	+19 24 40.6	....
4	*g* Cygni	9	25 32.08	− 0.45	+33.28	7 9 51.68	42.510	+ 2.24	+ 7.2	21 26 4.91	− 1.75	+46 8 0.4	+ 7.1
5	ξ Aquarii	9	32 19.83	− 0.38	**+33.28**	312 45 52.10	45.768	+ 2.24	−1 1.2	21 32 52.73	.....	− 8 15 53.0	....
6	41 Capricorni	9	36 15.15	− 0.45	+33.28	297 20	......	+ 2.24	.....	21 36 47.98	− 1.45	−23 47	....
7	δ Capricorni	9	41 26.50	− 0.41	**+33.19**	304 29 55.52	44.912	+ 2.24	−1 22.2	21 41 59.37	.....	−16 32 30.1	....
	June 27, Fk.												
8	3 Serpentis	9	10 5.32	− 0.37	+33.36	326 17 50.05	46.858	+ 1.41	− 37.5	15 10 38.31	.....	+ 5 16 52.7	....
9	β Coronæ Borealis	9	23 30.65	− 0.40	**+33.39**	350 25 52.58	47.198	+ 1.41	− 9.4	15 24 3.61	.....	+29 25 31.0	....
10	3 H. Scorpii	9	30 55.06	− 0.48	+33.36	293 13 53.78	43.305	+ 1.41	−2 10.2	15 31 27.94	− 1.71	−27 49 57.4	+ 6.5
11	κ Libræ	9	36 7.41	− 0.43	+33.36	301 39 49.92	44.502	+ 1.41	−1 30.9	15 36 40.34	.....	−19 22 54.6	....
12	β Serpentis	9	41 24.97	− 0.38	**+33.43**	336 43 50.42	45.685	+ 1.41	− 24.1	15 41 57.95	.....	+15 42 39.6	....
13	12 H. Draconis	9	44 45.42	− 0.73	+33.36	23 53 52.55	45.020	+ 1.41	+ 25.0	15 45 18.05	− 2.36	+62 53 15.6	−11.3
14	δ Scorpii	9	54 22.43	− 0.45	+33.36	298 41 48.12	43.078	+ 1.41	−1 42.3	15 54 55.34	.....	−22 21 40.4	....
15	β¹ Scorpii	9	59 34.00	− 0.44	**+33.28**	301 29 49.38	43.625	+ 1.41	−1 31.5	16 0 6.92	.....	−19 33 15.8	....
16	c¹ Scorpii	9	6 7.13	− 0.48	+33.36	293 21 49.00	45.112	+ 1.41	−2 9.4	16 6 40.01	− 1.86	−27 41 20.1	+ 4.8
17	19 Ursæ Minoris	9	12 58.50	− 1.40	+33.36	37 5 52.30	48.228	+ 1.41	+ 42.8	16 13 30.46	.....	+76 6 46.3	....
18	γ Herculis	9	17 20.37	− 0.39	**+33.34**	340 24	......	....	.....	16 17 53.34	.....	+19 22	....
19	ω Herculis	9	20 38.78	− 0.38	+33.36	335 15 51.68	46.025	+ 1.41	− 25.9	16 21 11.76	− 1.62	+14 14 46.8	− 3.3
20	*g* Herculis	9	25 6.14	− 0.47	+33.36	3 5 52.40	45.815	+ 1.41	+ 3.1	16 25 39.03	− 1.87	+42 5 11.7	− 7.3
21	σ Herculis	9	30 37.21	− 0.47	+33.36	3 37 53.32	47.208	+ 1.41	+ 3.7	16 31 10.10	.....	+42 37 45.1	....
22	ε Scorpii	9	43 41.51	− 0.53	+33.36	286 55 50.05	46.568	+ 1.41	−3 2.2	16 44 14.34	.....	−34 7 38.5	....
23	24 Ophiuchi	6	50 44.15	− 0.46	+33.36	298 1 48.98	46.770	+ 1.41	−1 45.2	16 51 17.05	− 1.92	−23 0 18.2	+ 1.9
24	117 G. Scorpii	9	55 24.89	− 0.52	+33.36	289 3 49.88	43.468	+ 1.41	−2 41.0	16 55 57.73	− 2.10	−32 0 28.4	+ 2.8
25	η Ophiuchi	9	4 35.01	− 0.44	**+33.33**	305 25 49.45	44.648	+ 1.41	−1 18.8	17 5 7.93	.....	−15 36 39.7	....
26	139 G. Scorpii	9	10 33.81	− 0.53	+33.36	288 29 50.30	46.012	+ 1.41	−2 46.0	17 11 6.64	− 2.14	−32 33 34.8	+ 2.0
27	σ Ophiuchi	9	21 25.78	− 0.39	**+33.37**	325 13 50.45	47.852	+ 1.41	− 39.0	17 21 58.75	.....	+ 4 13 14.3	....
28	α Ophiuchi	8	30 8.60	− 0.39	**+33.40**	333 39 51.28	43.218	+ 1.41	− 27.8	17 30 41.58	.....	+12 37 40.4	....
	June 28, M.												
29	Uranus C, C	9	5 52.93	− 0.47	+33.41	298 1 48.80	47.841	+ 1.96	−1 44.1	19 6 25.87	.....	−22 59 52.1	....
30	λ Ursæ Minoris	5	14 10.95	−17.80	+33.41	49 59 49.60	45.690	+ 1.96	+1 6.6	19 14 26.56	.....	+89 0 10.0	....
31	186 G. Sagittarii	9	20 36.93	− 0.51	+33.41	291 7 48.42	45.447	+ 1.96	−2 23.0	19 21 9.83	− 2.10	−29 55 26.2	− 5.6
32	β Cygni	9	26 29.53	− 0.40	**+33.43**	348 47 50.98	43.360	+ 1.96	− 11.0	19 27 2.54	.....	+27 46 0.6	....
33	σ Aquilæ	9	34 7.97	− 0.39	+33.41	326 11 49.48	48.052	+ 1.96	− 37.3	19 34 40.99	− 1.77	+ 5 11 20.1	− 2.9
34	γ Aquilæ	9	41 21.88	− 0.38	**+33.44**	331 23 48.82	47.898	+ 1.96	− 30.4	19 41 54.91	.....	+10 23 22.8	....
35	Groombridge 3402	7	52 25.89	−15.40	+33.41	49 49 49.82	47.427	+ 1.96	+1 6.4	19 52 43.90	−56.28	+88 50 49.5	+ 4.9
36	4 B. Ursæ Minoris S. P.	7	4 47.03	+16.33	+33.42	52 3 47.50	48.542	+ 1.96	+1 11.9	8 5 36.78	.....	+88 54 41.0	....
37	α¹ Capricorni	9	12 1.82	− 0.43	+33.42	308 13 48.55	47.408	+ 1.96	−1 10.7	20 12 34.81	.....	−12 47 28.9	....
38	π Capricorni	9	21 32.23	− 0.45	**+33.40**	302 32	......	....	.....	20 22 5.20	.....	−18 30	....
39	ρ Capricorni	9	23 5.68	− 0.45	**+33.42**	302 55 48.72	44.212	+ 1.96	−1 26.0	20 23 38.65	.....	−18 6 57.0	....
40	ε Delphini	9	28 17.73	− 0.38	**+33.41**	331 59 50.22	48.060	+ 1.96	− 29.7	20 28 50.77	.....	+10 59 28.6	....
41	υ Capricorni	9	34 17.63	− 0.45	+33.42	332 33 47.92	47.725	+ 1.96	−1 27.1	20 34 50.60	.....	−18 27 38.7	....
42	λ Cygni	9	43 18.26	− 0.42	+33.42	357 9 50.22	45.960	+ 1.96	− 2.7	20 43 51.26	.....	+36 9 7.6	....
43	32 Vulpeculæ	9	50 6.97	− 0.40	**+33.45**	348 43 50.40	44.515	+ 1.96	− 11.1	20 50 39.99	.....	+27 42 26.4	....
44	*A* Capricorni	9	1 13.66	− 0.48	+33.42	295 39 47.72	47.327	+ 1.96	−1 55.6	21 1 46.60	− 1.69	−25 22 16.5	− 9.6
45	ν Aquarii	9	4 3.68	− 0.42	**+33.34**	309 17 49.55	44.468	+ 1.96	−1 8.2	21 4 36.68	.....	−11 44 32.6	....
46	ζ Cygni	9	8 29.82	− 0.40	**+33.44**	350 51 51.18	45.740	+ 1.96	− 8.9	21 9 2.84	.....	+29 50 57.1	....
	June 29, M.												
47	32 Libræ	9	22 32.46	− 0.43	**+33.47**	304 38	......	....	.....	15 23 5.51	.....	−16 23	....
48	β Coronæ Borealis	9	23 30.51	− 0.44	**+33.55**	350 26	......	....	.....	15 24 3.55	.....	+29 25	....
49	γ Libræ	9	29 51.14	− 0.42	**+33.53**	306 34	......	....	.....	15 30 24.20	.....	−14 29	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
26 20 59	......	....	61.3
21 21	......	....	61.4
21 45	30.00	63.3	61.2
27 15 5	29.985	67.3	64.6
15 27	......	....	64.7
15 49	29.99	66.8	65.7
16 10	......	....	63.9
16 38	29.98	65.7	64.2
17 0	......	....	65.1
17 27	29.975	65.7	65.2
28 19 1	29.96	70.0	69.1
19 30	......	....	68.3
19 57	29.95	68.9	68.1
20 32	......	....	67.6
20 47	29.94	68.7	67.3
21 14	29.94	68.7	67.2
29 15 25	29.875	80.8	80.1

Micrometer bisections are made at II, VI, except as noted below.

2.	Bisections at III, IV, V.
4, 13, 17, 20, 21.	Bisections at III, V.
22, 29.	Bisections at I, II, VI, VII.
23.	Bisections at IV, VI.
30.	Bisections at b_4, b_5, b_6.
31.	Bisections at IV, VI, VII.
35.	Bisections at b_2, b_4, b_5.
36.	Bisections at b_3, b_5, b_7.
44.	Bisections at II, VI, VII.
46.	Bisections at VI, VII.

Notes.

8-28. Conditions poor; unsteady.

43-46. Conditions poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
29	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	θ Ursæ Minoris	9	33 39.85	− 1.64	+33.48	38 39 52.32	45.112	+ 3.50	+ 43.7	15 34 11.69	− 4.07	+77 39 38.1	−13.1
2	ι Serpentis	8	36 55.36	− 0.41	+33.48	340 59 51.28	43.788	+ 3.50	− 18.7	15 37 28.43	− 1.47	+19 58 4.5	− 5.0
3	12 H. Draconis	9	44 45.36	− 0.78	+33.48	23 53 50.88	45.058	+ 3.50	+ 24.2	15 45 18.06	− 2.30	+62 53 15.9	−11.7
4	66 H^1. Draconis	9	55 5.60	− 0.63	+33.48	16 1 51.95	44.140	+ 3.50	+ 15.7	15 55 38.45	− 2.02	+55 0 47.5	−10.4
5	κ Herculis	9	3 23.88	− 0.41	+33.48	338 17 52.38	47.868	+ 3.50	− 21.6	16 3 56.95	.....	+17 17 36.0	....
6	ε Ophiuchi	9	12 55.75	− 0.41	**+33.46**	316 33 49.78	44.780	+ 3.50	− 51.6	16 13 28.82	.....	− 4 28 7.1	....
7	ξ Coronæ Borealis	9	17 59.36	− 0.44	+33.48	352 7 50.75	44.282	+ 3.50	− 7.5	16 18 32.40	− 1.69	+31 6 26.5	− 6.4
8	η Draconis	9	22 14.34	− 0.74	+33.48	22 43 49.75	45.855	+ 3.50	+ 23.0	16 22 47.08	.....	+61 43 31.7	....
9	σ Herculis	9	30 37.14	− 0.50	+33.48	3 37 52.45	47.185	+ 3.50	+ 3.5	16 31 10.12	.....	+42 37 45.5	....
10	9 Camelopardalis S. P.	9	44 17.46	+ 0.79	+33.48	74 45 52.32	46.980	+ 3.50	+3 18.8	4 44 51.73	.....	+66 11 3.8	....
11	24 Ophiuchi	9	50 43.94	− 0.46	+33.48	298 1 48.08	46.555	+ 3.50	−1 42.1	16 51 16.96	− 1.93	−23 0 18.7	+ 2.0
12	117 G. Scorpii	9	55 24.78	− 0.50	+33.48	289 3 49.75	43.110	+ 3.50	−2 36.5	16 55 57.76	− 2.11	−32 0 30.1	+ 3.0
13	η Ophiuchi	8	4 34.91	− 0.43	**+33.43**	305 25 48.75	44.458	+ 3.50	−1 16.7	17 5 7.96	.....	−15 36 40.5	....
14	π Herculis	9	11 19.47	− 0.46	+33.48	357 55 53.02	45.072	+ 3.50	− 1.9	17 11 52.49	.....	+36 54 52.4	....
15	σ Ophiuchi	9	21 25.72	− 0.40	**+33.45**	325 13 49.22	47.762	+ 3.50	− 37.9	17 21 58.80	.....	+ 4 13 14.2	....
16	α Ophiuchi	9	30 8.54	− 0.40	**+33.48**	333 39 49.45	43.138	+ 3.50	− 27.1	17 30 41.62	.....	+12 37 39.5	....
	July 1, M.												
17	149 H. Cephei S. P.	9	35 45.89	+ 5.38	+33.64	54 37 52.30	46.802	− 3.04	+1 17.4	3 36 24.91	+11.06	+86 21 15.5	+13.3
18	κ Serpentis	9	44 4.15	− 0.43	+33.64	339 25 51.88	48.212	− 3.04	− 20.5	15 44 37.36	.....	+18 25 37.9	....
19	π Scorpii	9	52 45.61	− 0.48	+33.64	295 11 47.90	45.478	− 3.04	−1 55.9	15 53 18.77	− 1.77	−25 51 3.8	+ 5.3
20	β^1 Scorpii	9	59 33.70	− 0.46	**+33.59**	301 29 49.02	43.690	− 3.04	−1 29.3	16 0 6.88	.....	−19 33 17.0	....
21	φ Herculis	9	5 20.97	− 0.54	+33.64	6 11 51.98	44.700	− 3.04	+ 6.0	16 5 54.07	.. .	+45 10 44.2	....
22	ξ Coronæ Borealis	9	17 59.23	− 0.46	+33.64	352 7 50.50	44.602	− 3.04	− 7.6	16 18 32.41	− 1.68	+31 6 26.9	− 6.8
23	η Draconis	9	22 14.17	− 0.77	+33.64	22 43 50.68	46.145	− 3.04	+ 23.2	16 22 47.04	.....	+61 43 33.0	....
24	λ Ophiuchi	9	25 44.77	− 0.42	**+33.67**	323 11 51.05	47.855	− 3.04	− 41.1	16 26 17.99	.....	+ 2 11 8.4	....
25	ζ Ophiuchi	9	31 34.09	− 0.43	**+33.59**	310 39 48.92	43.670	− 3.04	−1 3.9	16 32 7.30	.....	−10 22 52.1	....
26	24 Ophiuchi	9	50 43.82	− 0.47	+33.64	298 1 46.45	46.965	− 3.04	−1 42.9	16 51 16.99	− 1.94	−23 0 18.3	+ 2.1
27	117 G. Scorpii	9	55 24.63	− 0.51	+33.64	289 3 50.38	43.452	− 3.04	−2 37.7	16 55 57.76	− 2.11	−32 0 29.5	+ 3.2
28	139 G. Scorpii	9	10 33.58	− 0.52	+33.64	288 29 50.78	45.988	− 3.04	−2 42.7	17 11 6.70	− 2.16	−32 33 36.0	+ 2.4
29	σ Ophiuchi	9	21 25.51	− 0.42	**+33.69**	325 13 51.12	48.010	− 3.04	− 38.2	17 21 58.73	.....	+ 4 13 14.9	....
30	ν^2 Draconis	9	29 56.66	− 0.65	+33.64	16 13 53.35	48.248	− 3.04	+ 16.2	17 30 29.65	− 2.46	+55 14 16.8	− 6.3
31	ω Draconis	9	37 0.18	− 1.00	+33.64	29 47 53.82	47.302	− 3.04	+ 31.8	17 37 32.82	.....	+68 48 11.3	....
32	ψ^1 Draconis	9	43 5.96	− 1.17	+33.64	33 11 51.35	46.180	− 3.04	+ 36.3	17 43 38.43	.....	+72 11 47.7	....
33	89 Herculis	9	51 11.22	− 0.44	**+33.64**	347 4	......	....	. ....	17 51 44.42	.....	+26 3	....
34	ξ Herculis	9	53 40.14	− 0.45	+33.64	350 17 53.58	42.202	− 3.04	− 9.4	17 54 13.33	− 1.92	+29 15 33.4	− 4.1
35	72 Ophiuchi	9	2 27.91	− 0.42	**+33.63**	330 34	......	....	. ....	18 3 1.13	.....	+ 9 33	....
36	σ Herculis	9	3 25.93	− 0.45	**+33.67**	349 45 51.10	46.330	− 3.04	− 9.9	18 3 59.12	.....	+28 45 4.7	....
	July 1, Fk.												
37	Uranus C, C	9	5 21.69	− 0.45	+33.57	298 1 51.98	45.694	− 3.04	−1 43.4	19 5 54.81	.....	−23 0 42.3	....
38	λ Ursæ Minoris	6	14 11.88	−19.20	+33.57	49 59 55.45	45.741	− 3.04	+1 6.1	19 14 26.25	.....	+89 0 10.9	....
39	ι Cygni	8	26 52.63	− 0.56	+33.57	12 31 52.70	47.802	− 3.04	+ 12.4	19 27 25.64	.....	+51 32 2.3	....
40	κ Aquilæ	9	31 25.23	− 0.40	**+33.63**	313 47 51.35	45.975	− 3.04	− 57.6	19 31 58.40	.....	− 7 13 50.7	....
41	e Sagittarii	9	36 44.23	− 0.42	+33.57	304 41 53.70	45.742	− 3.04	−1 19.8	19 37 17.38	− 1.93	−16 20 15.9	− 5.3
42	ζ Sagittæ	9	44 22.28	− 0.39	+33.57	339 55 53.05	45.795	− 3.04	− 20.2	19 44 55.46	− 1.83	+18 54 44.2	− 2.0
43	β Aquilæ	8	50 16.29	− 0.38	**+33.56**	327 11 51.65	46.390	− 3.04	− 35.7	19 50 49.48	.....	+ 6 10 40.9	....
44	γ Sagittæ	9	54 8.57	− 0.39	**+33.59**	340 15 52.65	45.408	− 3.04	− 19.8	19 54 41.75	.....	+19 14 35.3	....
45	4 B. Ursæ Minoris S. P.	6	4 46.02	+17.58	+33.57	52 3 52.35	48.598	− 3.04	+1 11.3	8 5 37.17	.....	+88 54 40.5	....
46	α^1 Capricorni	9	12 1.62	− 0.40	+33.57	308 13 52.10	47.482	− 3.04	−1 10.2	20 12 34.79	.....	−12 47 28.1	....
47	π Capricorni	9	21 32.11	− 0.42	**+33.55**	302 31 51.15	45.082	− 3.04	−1 26.6	20 22 5.26	.....	−18 30 40.3	....
48	ω^1 Cygni	9	26 41.70	− 0.52	+33.57	9 39 53.58	43.852	− 3.04	+ 9.5	20 27 14.75	− 2.18	+48 38 30.0	+ 3.2
49	υ Capricorni	9	34 17.48	− 0.41	+33.57	302 33 51.18	47.812	− 3.04	−1 26.4	20 34 50.64	.....	−18 27 37.7	....
50	6 H. Cephei	9	42 33.71	− 0.62	+33.57	18 15 54.10	44.535	− 3.04	+ 18.4	20 43 6.66	− 2.46	+57 14 55.0	+ 5.1
51	19 Capricorni	9	49 4.69	− 0.41	+33.57	302 45 51.20	46.388	− 3.04	−1 25.9	20 49 37.85	− 1.75	−18 16 9.7	− 8.0

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 15 42	......	....	79 8
16 16	29.88	78.2	78.8
16 49	......	....	77.8
16 59	29.885	78.4	77.3
17 36	29.88	77.9	77.0
1 15 27	30.03	79.8	78.8
15 55	......	....	78.2
16 36	30.04	77.9	77.1
16 58	......	....	76.2
17 15	......	....	76.0
17 34	30.05	76.8	75.5
17 58	30.045	76.2	75.2
19 0	30.04	75.4	74.1
19 25	......	....	73.7
19 48	30.035	74.6	73.3
20 15	......	....	73.1
20 38	30.03	74.0	73.0

Micrometer bisections are made at II, VI, except as noted below.

1, 31, 32, 48, 50.	Bisections at III, V.
2.	Bisections at V, VI.
7.	Bisections at IV, VI.
10.	Bisections at III, IV, V, VI.
17.	Bisections at III, IV, V.
27.	Bisections at VI, VII.
37.	Bisections at I, II, VI, VII.
38.	Bisections at b_4, b_5, b_6, b_9.
39.	Bisections at IV, V.
45.	Bisections at b_3, b_5, b_7.

Notes.

10.	Very poor.
13, 15, 16.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
37	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	61 Cygni (*pr.*)	9	2 15.26	− 0.44	+33.57	359 19 54.48	42.478	− 3.04	− 0.6	21 2 48.39	.....	+38 17 49.3	....
2	ζ Cygni	9	8 29.76	− 0.40	+**33.57**	350 51 53.25	45.935	− 3.04	− 8.9	21 9 2.93	.....	+29 50 58.8	....
3	ι Capricorni	9	16 36.06	− 0.40	+**33.53**	303 47 51.45	48.155	− 3.04	−1 22.6	21 17 9.23	.....	−17 13 25.8	....
4	g Cygni	9	25 32.04	− 0.48	+33.57	7 9 53.85	42.708	− 3.04	+ 7.0	21 26 5.13	− 1.88	+46 8 1.5	+ 5.5
5	ξ Aquarii	9	32 19.68	− 0.37	+**33.55**	312 45 52.08	45.945	− 3.04	− 59.9	21 32 52.88	.....	− 8 15 53.0	....
	July 2, Fk.												
6	Moon I	9	58 21.50	− 0.44	+33.60	337 20	......	....	.....	9 58 54.66	+63.67	.. ..	....
	July 5, M.												
7	λ Ursæ Minoris	6	14 42.48	−19.00	+ 0.86	49 59 51.25	45.963	− 3.31	+1 6.1	19 14 24.34	.....	+89 0 12.1	....
8	β Cygni	9	27 2.19	− 0.43	+ **0.89**	348 47 51.10	43.632	− 3.31	− 10.9	19 27 2.62	.....	+27 46 1.8	....
9	κ Aquilæ	9	31 58.02	− 0.42	+ **0.92**	313 47 49.62	46.045	− 3.31	− 57.7	19 31 58.46	.....	− 7 13 51.2	....
10	ζ Sagittæ	9	44 55.02	− 0.40	+ 0.86	339 55 51.18	45.903	− 3.31	− 20.2	19 44 55.48	− 1.88	+18 54 44.4	− 2.8
11	β Aquilæ	9	50 49.08	− 0.40	+ **0.86**	327 11 50.52	46.472	− 3.31	− 35.7	19 50 49.54	.....	+ 6 10 41.4	....
12	4 B. Ursæ Minoris S. P.	7	5 18.82	+16.82	+ 0.86	52 3 50.22	48.730	− 3.31	+1 11.4	8 5 36.50	.....	+88 54 38.9	....
13	4 Capricorni	9	12 38.75	− 0.45	+ 0.86	298 57 49.55	43.442	− 3.31	−1 39.8	20 12 39.16	− 1.99	−22 5 32.9	− 7.4
14	ρ Capricorni	9	23 38.35	− 0.43	+ **0.87**	302 56	......	....	.....	20 23 38.78	.....	−18 6	....
15	42 Cygni	9	25 51.39	− 0.43	+ 0.86	357 9 52.78	45.428	− 3.31	− 2.7	20 25 51.82	− 1.98	+36 8 52.7	+ 0.3
16	β Delphini	9	33 15.38	− 0.38	+ 0.86	335 17 52.05	45.665	− 3.31	− 25.5	20 33 15.86	.....	+14 16 34.6	....
17	γ Delphini (*fol.*)	9	42 24.64	− 0.37	+ 0.86	336 49 50.22	43.170	− 3.31	− 23.8	20 42 25.13	− 1.76	+15 47 37.5	− 2.4
18	19 Capricorni	8	49 37.45	− 0.42	+ 0.86	302 45 49.60	46.450	− 3.31	−1 26.0	20 49 37.89	− 1.84	−18 16 10.3	− 8.2
19	61 Cygni (*pr.*)	9	2 47.99	− 0.42	+ 0.86	359 19 51.18	42.660	− 3.31	− 0.6	21 2 48.43	.....	+38 17 49.9	....
20	ζ Cygni	9	9 2.54	− 0.38	+ **0.86**	350 52	......	....	.....	21 9 3.02	.....	+29 50	....
21	α Equulei	9	11 14.78	− 0.36	+ **0.76**	325 53 49.35	45.120	− 3.31	− 37.6	21 11 15.28	.....	+ 4 52 7.4	....
22	ι Capricorni	9	17 8.83	− 0.41	+ **0.87**	303 47 49.55	48.242	− 3.31	−1 22.8	21 17 9.28	.....	−17 13 26.2	....
	July 6, M.												
23	Sun S	.	.. ..	.....	.....	343 25 54.62	48.847	− 3.69	− 15.9	7 1	.....	+22 25 59.2	....
24	Sun N	.	.. ..	.....	.....	343 57 55.30	47.425	− 3.69	− 15.4	.. ..	.....	+22 57 27.7	....
25	θ Ursæ Minoris	9	34 12.12	− 1.63	+ 0.86	38 39 51.25	45.445	− 2.50	+ 43.8	15 34 11.35	− 3.59	+77 39 38.8	−14.3
26	13 H¹. Camelopardalis S. P.	9	37 14.90	+ 0.80	+ 0.86	74 3 52.05	43.687	− 2.50	+3 9.6	3 37 16.56	+ 1.16	+66 54 34.5	+12.1
27	μ Serpentis	9	44 50.14	− 0.42	+ **0.85**	317 53 48.22	42.882	− 2.50	− 49.4	15 44 50.58	.....	− 3 8 55.8	....
28	χ Herculis	9	49 30.90	− 0.52	+ 0.86	3 43 50.88	44.860	− 2.50	+ 3.6	15 49 31.24	.....	+42 42 44.9	....
29	δ Scorpii	9	54 54.76	− 0.46	+ 0.86	298 41 48.00	43.152	− 2.50	−1 39.5	15 54 55.16	.....	−22 21 39.9	....
30	β¹ Scorpii	9	0 6.41	− 0.45	+ **0.86**	301 29 48.58	43.715	− 2.50	−1 29.0	16 0 6.82	.....	−19 33 16.0	....
31	φ Herculis	9	5 53.54	− 0.54	+ 0.86	6 11 50.90	44.820	− 2.50	+ 6.0	16 5 53.86	.....	+45 10 46.4	....
32	γ Herculis	9	17 52.84	− 0.42	+ **0.87**	340 24	......	....	.....	16 17 53.28	.....	+19 22	....
33	23 Herculis	9	19 25.77	− 0.46	+ 0.86	353 33 50.48	45.990	− 2.50	− 6.1	16 19 26.17	− 1.66	+32 33 0.6	− 8.0
34	g Herculis	9	25 38.63	− 0.51	+ 0.86	3 5 52.90	46.062	− 2.50	+ 3.0	16 25 38.98	− 1.80	+42 5 13.8	− 9.2
35	ζ Ophiuchi	9	32 6.81	− 0.42	+ **0.85**	310 39 47.72	43.705	− 2.50	−1 3.6	16 32 7.25	.....	−10 22 51.7	....
36	24 Ophiuchi	9	51 16.58	− 0.45	+ 0.86	298 1 48.02	46.845	− 2.50	−1 42.4	16 51 16.99	− 1.94	−23 0 18.4	+ 2.2
37	117 G. Scorpii	9	55 57.28	− 0.48	+ 0.86	289 3 49.02	43.475	− 2.50	−2 36.9	16 55 57.66	− 2.11	−32 0 29.0	+ 3.6
38	α Herculis	9	10 28.48	− 0.41	+ **0.83**	335 32	......	....	.....	17 10 28.93	.....	+14 29	....
39	π Herculis	9	11 52.03	− 0.47	+ 0.86	357 55 52.75	45.470	− 2.50	− 1.9	17 11 52.42	.....	+36 54 55.2	....
40	σ Ophiuchi	9	21 58.29	− 0.40	+ **0.90**	325 13 48.75	48.132	− 2.50	− 38.0	17 21 58.75	.....	+ 4 13 16.1	....
41	ω Draconis	9	37 32.81	− 0.97	+ 0.87	29 47 52.62	47.410	− 2.50	+ 31.6	17 37 32.71	.....	+68 48 12.9	....
42	μ Herculis	9	42 52.91	− 0.43	+ **0.87**	348 47 52.08	44.982	− 2.50	− 10.8	17 42 53.35	.....	+27 46 34.5	....
43	θ Herculis	9	53 7.43	− 0.47	+ 0.87	358 15 51.12	48.040	− 2.50	− 1.6	17 53 7.83	.....	+37 15 52.6	....
	July 6, P.												
44	Uranus C, C	9	5 2.44	− 0.41	+ 0.77	297 59 49.20	47.334	− 2.16	−1 42.9	19 5 2.80	.....	−23 2 6.2	....
45	4 Cygni	9	22 52.06	− 0.43	+ 0.77	357 9 58.25	43.032	− 2.22	− 2.7	19 22 52.40	− 2.08	+36 8 4.5	− 2.4
46	8 Cygni	9	28 22.89	− 0.42	+ 0.77	355 15 56.50	46.992	− 2.24	− 4.5	19 28 23.24	− 2.05	+34 15 31.4	− 2.3
47	β Sagittæ	9	36 56.53	− 0.38	+ **0.77**	338 17 58.68	43.315	− 2.27	− 21.9	19 36 56.92	.....	+17 15 52.2	....
48	γ Aquilæ	9	41 54.68	− 0.37	+ **0.74**	331 23 55.78	47.905	− 2.29	− 30.0	19 41 55.08	.....	+10 23 26.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 21 0	......	....	72.7
21 30	30.025	73.3	72.2
5 19 20	[illegible]	74.8	73.7
19 38	......	....	73.4
20 11	30.04	73.8	72.8
20 30	......	....	72.6
21 21	30.035	72.8	71.4
6 7 2	[illegible]	[illegible]	[illegible]
15 27	30.02	81.8	80.4
15 52	......	....	79.8
16 23	[illegible]	79.8	....
16 29	......	....	78.8
17 0	30.00	79.2	78.1
17 59	29.98	78.0	77.1
19 3	29.97	76.9	75.8
19 21	......	....	75.5

Micrometer bisections are made at II, VI, except as noted below.

7. Bisections at b_4, b_5, b_6.
10, 22. Bisections at II, VI, VII.
12. Bisections at b_7, b_8, b_9.
23. Bisections at I, II, III.
24. Bisections at V, VI, VII.
25, 41. Bisections at III, V.
26. Bisections at III, IV, V.
37. Bisections at IV, VI.
44. Bisections at I, II, VI, VII.

Note.
7. Poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
23	+ 2.4	+15 44.2	...	+15 46.6
24	+ 2.4	−15 44.3	...	−15 41.9
44	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Aquilæ	9	46 19.18	− 0.37	+ **0.80**	329 39 54.68	43.275	− 2.31	− 32.2	19 46 19.58	.....	+ 8 37 37.0	....
2	β Aquilæ	9	50 49.18	− 0.37	+ **0.74**	327 11 54.90	46.305	− 2.32	− 35.5	19 50 49.58	.....	+ 6 10 43.1	....
3	15 Vulpeculæ	9	57 20.28	− 0.40	+ 0.77	348 31 54.60	43.462	− 2.35	− 11.1	19 57 20.65	− 1.94	+27 30 2.2	− 1.9
4	20 Vulpeculæ	9	8 10.76	− 0.39	+ 0.77	347 13 53.25	44.285	− 2.38	− 12.5	20 8 11.14	− 1.91	+26 12 18.2	− 1.8
5	4 Capricorni	7	12 38.79	− 0.41	+ 0.77	298 57 53.10	43.265	− 2.40	−1 39.2	20 12 39.15	− 2.01	−22 5 31.7	− 7.4
6	ε Delphini	9	28 50.47	− 0.37	+ **0.81**	331 59 55.40	48.138	− 2.46	− 29.3	20 28 50.87	.....	+10 59 31.6	....
7	β Delphini	9	33 15.49	− 0.37	+ 0.77	335 17 54.98	45.545	− 2.47	− 25.3	20 33 15.89	.....	+14 16 35.8	....
8	α Delphini	9	35 23.30	− 0.37	+ **0.80**	336 37 53.65	42.220	− 2.48	− 23.8	20 35 23.70	.....	+15 35 19.8	....
9	μ Aquarii	9	47 43.04	− 0.38	+ **0.72**	311 41 53.25	46.748	− 2.52	−1 1.7	20 47 43.43	.....	− 9 19 34.7	....
10	g Cygni	9	26 4.98	− 0.49	+ 0.77	7 9 52.10	42.800	− 2.66	+ 7.0	21 26 5.26	− 2.01	+46 8 2.2	+ 4.1
11	ξ Aquarii	9	32 52.62	− 0.38	+ **0.74**	312 45 52.25	45.930	− 2.69	− 59.6	21 32 53.01	.....	− 8 15 52.5	....
12	13 H. Cephei	9	36 8.50	− 0.62	+ 0.77	18 5 52.52	42.958	− 2.70	+ 18.1	21 36 8.65	− 2.33	+57 4 17.3	+ 6.4
13	κ Pegasi	9	40 29.94	− 0.39	+ 0.77	346 13 53.25	47.130	− 2.72	− 13.5	21 40 30.32	− 1.65	+25 13 21.9	+ 0.3
14	α Aquarii	9	1 4.68	− 0.37	+ **0.77**	320 15 53.22	45.290	− 2.80	− 45.9	22 1 5.08	.....	− 0 45 52.6	....
15	θ Pegasi	9	5 34.63	− 0.37	+ **0.82**	326 45 52.02	46.732	− 2.81	− 36.2	22 5 35.03	.....	+ 5 44 48.8	....
16	1 H. Lacertæ	9	9 57.06	− 0.44	+ 0.77	0 15 51.30	46.878	− 2.83	+ 0.3	22 9 57.39	− 1.67	+39 15 27.8	+ 4.4
17	31 Pegasi	9	17 0.42	− 0.37	+ 0.77	332 45 53.45	45.705	− 2.86	− 28.4	22 17 0.82	− 1.43	+11 44 34.5	− 2.5
18	32 H. Cephei	9	20 58.67	− 4.37	+ 0.77	46 39 52.85	41.919	− 2.87	+ 58.7	22 20 55.07	−11.15	+85 38 34.2	+12.0
19	η Aquarii	9	30 38.78	− 0.37	+ **0.73**	320 25 53.42	46.578	− 2.89	− 45.6	22 30 39.18	.....	− 0 35 22.8	....
20	49 G. Piscis Australis	9	33 40.98	− 0.47	+ 0.77	287 29 52.58	47.002	− 2.92	−2 52.9	22 33 41.28	− 1.52	−33 33 21.0	−14.7
21	η Pegasi	9	38 42.32	− 0.40	+ **0.82**	350 45 54.05	44.385	− 2.94	− 9.0	22 38 42.69	.....	+29 44 24.3	....
	July 7, P.												
22	Sun I, S.	9	4 33.81	− 0.42	+ 0.79	343 19 55.18	48.132	− 2.36	− 16.0	7 4 34.18	+68.55	+22 19 44.7	....
23	Sun II, N.	9	6 50.91	− 0.42	+ 0.79	343 51 56.88	46.748	− 2.36	− 15.4	7 6 51.28	−68.55	+22 51 15.1	....
24	Moon I, N.	9	52 39.32	− 0.43	+ 0.80	314 5 55.08	48.237	− 1.67	− 55.2	13 52 39.69	+63.82	− 6 54 51.5	....
	July 8, Fk.												
25	Sun I, S.	9	8 39.91	− 0.38	+ 0.84	343 13 53.10	46.618	− 2.49	− 16.5	7 8 40.37	+68.35	+22 13 7.3	....
26	Sun II, N.	9	10 56.62	− 0.38	+ 0.84	343 45 53.85	45.248	− 2.49	− 16.0	7 10 57.08	−68.36	+22 44 37.1	....
27	Moon N.	.	.. ..	......	....	309 7 49.82	42.989	− 4.11	−1 7.6	14 43	.....	−11 55 12.3	....
28	13 H^1. Camelopardalis s. p.	9	37 15.14	+ 0.83	+ 0.85	74 3 53.85	43.575	− 4.04	+3 11.8	3 37 16.82	+ 1.04	+66 54 34.7	+12.3
29	κ Serpentis	9	44 36.84	− 0.38	+ 0.85	339 25 53.82	48.285	− 4.02	− 20.7	15 44 37.31	.....	+18 25 40.4	....
30	γ Serpentis	9	52 13.12	− 0.38	+ **0.95**	337 0	......	....	. ....	15 52 13.59	.....	+15 57	....
31	66 H^1. Draconis	9	55 37.91	− 0.57	+ 0.85	16 1 55.08	44.410	− 3.98	+ 16.0	15 55 38.19	− 1.86	+55 0 49.8	−12.4
32	κ Herculis	9	3 56.33	− 0.38	+ 0.85	338 17 54.18	48.232	− 3.96	− 22.0	16 3 56.80	.....	+17 17 38.3	....
33	δ Ophiuchi	9	9 32.49	− 0.39	+ **0.90**	317 33 51.38	46.805	− 3.94	− 50.5	16 9 32.95	.....	− 3 27 25.6	....
34	ε Ophiuchi	9	13 28.31	− 0.39	+ **0.85**	316 33 52.05	45.118	− 3.94	− 52.3	16 13 28.77	.....	− 4 28 5.2	....
35	γ Herculis	9	17 52.77	− 0.38	+ **0.88**	340 24	......	....	. ....	16 17 53.24	.....	+19 22	....
36	ρ Ophiuchi (*mean*)	9	20 5.34	− 0.45	+ 0.85	297 47 49.70	47.308	− 3.91	−1 44.4	16 20 5.74	− 1.82	−23 14 9.5	+ 3.7
37	N Scorpii	9	25 23.77	− 0.52	+ 0.85	286 33 52.85	44.935	− 3.90	−3 3.4	16 25 24.10	− 2.04	−34 30 19.6	+ 5.8
38	σ Herculis	9	31 9.54	− 0.46	+ 0.85	3 37 54.10	47.532	− 3.88	+ 3.6	16 31 9.93	.....	+42 37 47.9	....
39	κ Ophiuchi	9	53 19.99	− 0.38	+ **0.88**	330 31 53.10	47.428	− 3.82	− 31.3	16 53 20.46	.....	+ 9 31 9.7	....
40	19 H. Camelopardalis s. p.	9	7 15.63	+ 1.62	+ 0.85	61 51 54.42	45.168	− 3.78	+1 43.8	5 7 18.10	.....	+79 7 25.3	....
41	π Herculis	9	11 52.03	− 0.42	+ 0.85	357 55 54.55	45.490	− 3.76	− 1.9	17 11 52.46	.....	+36 54 56.2	....
42	σ Ophiuchi	9	21 58.30	− 0.38	+ **0.87**	325 13 52.22	48.088	− 3.73	− 38.4	17 21 58.77	.....	+ 4 13 16.9	....
43	ν^2 Draconis	9	30 29.25	− 0.55	+ 0.86	16 13 55.12	48.270	− 3.71	+ 16.3	17 30 29.56	− 2.41	+55 14 18.6	− 8.3
44	324 B. Herculis	9	37 52.17	− 0.45	+ 0.86	4 31 54.85	45.638	− 3.69	+ 4.5	17 37 52.58	− 2.09	+43 31 6.4	− 7.3
45	μ Herculis	9	42 52.87	− 0.39	+ **0.87**	348 47 54.75	44.962	− 3.67	− 10.9	17 42 53.34	.....	+27 46 35.5	....
46	θ Herculis	9	53 7.41	− 0.42	+ 0.86	358 15 55.25	47.980	− 3.64	− 1.6	17 53 7.85	.....	+37 15 54.2	....
	July 8, M.												
47	4 B. Ursæ Minoris s. p.	7	5 18.93	+16.82	+ 0.94	52 3 50.38	48.782	− 3.58	+1 12.0	8 5 36.69	.....	+88 54 38.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 19 44	......	....	75.0
20 0	29.96	76.0	74.9
20 27	......	....	74.4
20 49	29.96	75.6	74.5
21 24	29.95	75.2	74.0
21 51	......	....	73.9
22 14	......	....	73.0
22 40	29.95	74.0	72.9
7 7 7	29.90	88.2	89.0
13 50	29.82	87.0	86.5
8 7 11	29.95	76.8	75.3
15 30	29.935	73.5	73.1
15 50	......	....	72.6
16 29	29.94	72.8	72.0
16 50	......	....	71.5
17 16	29.94	71.9	71.0
17 35	......	....	71.2
17 57	29.945	71.8	71.1
20 4	29.95	68.0	66.8

Micrometer bisections are made at II, VI, except as noted below.

5.	Bisections at I, II, VII.
6.	Bisections at I, VI.
7.	Bisections at II, VII.
8, 23, 26.	Bisections at VI, VII.
9, 20, 21.	Bisections at I, II, VI.
18.	Bisections at b_1, b_3, b_5, b_7, b_9.
22, 25.	Bisections at I, II.
24.	Bisections at II, III, IV, V, VI.
27.	Bisections at II, III, IV, V.
28.	Bisections at IV, V.
31, 38, 43, 44.	Bisections at III, V.
40.	Bisections at III, IV, V.
47.	Bisections at b_5, b_6, b_7.

Notes.

5, 6, 9, 18, 21.	Clouds.
36.	Assumed that mean was observed.
37.	Very poor; unsteady.
39.	Very poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
22	+ 2.4	+15 45.2	...	+15 47.6
23	+ 2.4	−15 45.2	...	−15 42.8
24	+40 6.8	−15 20.0	...	+24 46.8
25	+ 2.5	+15 44.8	...	+15 47.3
26	+ 2.4	−15 44.9	...	−15 42.5
27	+44 3.8	−15 34.4	...	+28 29.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	′
1	4 Capricorni	9	12 38.81	− 0.48	+ 0.94	298 57 50.15	43.465	− 3.61	−1 40.8	20 12 39.27	− 2.05	−22 5 33.1	− 7.5
2	π Capricorni	9	22 4.93	− 0.46	+ **0.91**	302 31 50.62	45.132	− 3.66	−1 27.6	20 22 5.41	.....	−18 30 41.3	....
3	42 Cygni	9	25 51.35	− 0.44	+ 0.94	357 9 54.70	45.388	− 3.67	− 2.7	20 25 51.85	− 2.03	+36 8 53.3	− 0.6
4	α Delphini	9	35 23.26	− 0.40	+ **0.90**	336 37 53.18	47.502	− 3.72	− 24.2	20 35 23.80	.....	+15 37 18.6	....
5	η Cephei	9	43 27.86	− 0.68	+ 0.94	22 29 53.50	44.235	− 3.75	+ 23.3	20 43 28.12	.....	+61 28 51.5	....
6	19 Capricorni	9	49 37.45	− 0.46	+ 0.94	302 45 51.32	46.422	− 3.79	−1 26.9	20 49 37.93	− 1.90	−18 16 10.6	− 8.4
7	61 Cygni (*pr.*)	9	2 48.04	− 0.44	+ 0.94	359 19 53.90	42.590	− 3.85	− 0.6	21 2 48.54	.....	+38 17 50.5	....
8	ζ Cygni	9	9 2.55	− 0.40	+ **0.93**	350 51 52.85	46.012	− 3.88	− 9.0	21 9 3.09	.....	+29 50 59.3	....
9	ι Capricorni	9	17 8.92	− 0.45	+ **0.90**	303 47 49.85	48.290	− 3.91	−1 23.5	21 17 9.41	.....	−17 13 26.1	....
10	β Aquarii	9	26 44.21	− 0.41	+ **0.92**	315 3 51.98	44.370	− 3.94	− 56.0	21 26 44.74	.....	− 5 58 26.1	....
11	13 H. Cephei	9	36 8.33	− 0.57	+ 0.94	18 5 53.58	42.998	− 4.00	+ 18.4	21 36 8.70	− 2.39	+57 4 18.2	+ 5.8
12	κ Pegasi	9	40 29.90	− 0.39	+ 0.94	346 13 53.12	47.145	− 4.02	− 13.7	21 40 30.45	− 1.70	+25 13 20.6	− 0.2
13	μ Capricorni	9	48 18.12	− 0.43	+ **0.87**	307 3 48.92	43.955	− 4.06	−1 14.2	21 48 18.63	.....	−13 58 56.9	....
14	θ Pegasi	9	5 34.59	− 0.38	+ **0.91**	326 45 52.28	46.775	− 4.12	− 36.8	22 5 35.15	.....	+ 5 44 48.1	....
15	1 H. Lacertæ	9	9 56.94	− 0.41	+ 0.94	0 15 52.40	46.925	− 4.16	+ 0.3	22 9 57.47	− 1.73	+39 15 28.6	+ 3.8
16	31 Pegasi	9	17 0.32	− 0.37	+ 0.94	332 45 52.70	45.788	− 4.19	− 28.9	22 17 0.89	− 1.48	+11 44 33.8	− 3.0
	July 9, M.												
17	Sun I, N	9	12 45.39	− 0.37	+ 0.94	343 37 56.15	47.730	− 4.18	− 16.1	7 12 45.96	+68.34	+22 37 34.5	....
18	Sun II, S	9	15 2.06	− 0.37	+ 0.94	343 5 55.52	49.105	− 4.18	− 16.7	7 15 2.63	−68.33	+22 6 4.5	....
19	Moon I, N	9	36 24.59	− 0.48	+ 0.94	304 31 53.20	43.748	− 4.84	−1 20.6	15 36 25.05	+68.45	−16 31 4.5	....
20	γ Serpentis	9	52 13.12	− 0.42	+ **0.98**	337 0	....	....	. ....	15 52 13.64	.....	+15 57	....
21	66 H¹. Draconis	9	55 37.83	− 0.60	+ 0.94	16 1 55.22	44.445	− 4.84	+ 16.1	15 55 38.17	− 1.84	+55 0 49.8	−12.6
22	κ Herculis	9	3 56.37	− 0.42	+ 0.94	338 17 54.90	48.232	− 4.84	− 22.1	16 3 56.89	.....	+17 17 38.2	....
23	δ Ophiuchi	9	9 32.50	− 0.43	+ **0.93**	317 33 53.18	46.728	− 4.84	− 50.8	16 9 33.01	.....	− 3 27 26.8	....
24	ε Ophiuchi	9	13 28.30	− 0.44	+ **0.91**	316 33 51.92	45.185	− 4.84	− 52.7	16 13 28.80	.....	− 4 28 5.1	....
25	γ Herculis	9	17 52.74	− 0.42	+ **0.95**	340 23 52.48	44.588	− 4.84	− 19.8	16 17 53.26	.....	+19 22 14.6	....
26	ω Herculis	9	21 11.24	− 0.42	+ 0.94	335 15 53.90	46.248	− 4.84	− 25.7	16 21 11.76	− 1.58	+14 14 48.1	− 5.0
27	*A* Draconis	9	28 12.29	− 0.91	+ 0.94	29 57 54.62	47.585	− 4.84	+ 32.3	16 28 12.32	.....	+68 58 17.0	....
28	ζ Ophiuchi	9	32 6.77	− 0.46	+ **0.93**	310 39 50.15	43.742	− 4.84	−1 4.8	16 32 7.25	.....	−10 22 51.9	....
29	κ Ophiuchi	9	53 19.96	− 0.42	+ **0.95**	330 32	....	....	. ....	16 53 20.48	.....	+ 9 31	....
30	30 Ophiuchi	9	56 13.68	− 0.44	+ 0.94	316 57 51.48	42.633	− 4.84	− 52.1	16 56 14.18	.....	− 4 5 3.2	....
31	ζ Draconis	9	8 33.82	− 0.77	+ 0.94	26 49 53.02	46.768	− 4.84	+ 28.4	17 8 33.99	.....	+65 49 52.9	....
	July 10, P.												
32	Sun I, N	9	16 50.67	− 0.43	+ 0.88	343 31 57.10	44.000	− 4.33	− 16.2	7 16 51.12	+68.42	+22 30 9.9	....
33	Sun II, S	9	19 7.51	− 0.43	+ 0.88	342 59 56.42	45.402	− 4.33	− 16.8	7 19 7.96	−68.42	+21 58 40.6	....
34	ε Coronæ Borealis	8	53 47.78	− 0.44	+ **0.82**	348 9 57.70	45.500	− 4.23	− 11.6	15 53 48.25	.....	+27 8 49.5	....
35	κ Herculis	9	3 56.43	− 0.43	+ 0.91	338 17 57.22	48.150	− 4.23	− 22.0	16 3 56.91	.....	+17 17 39.2	....
36	c¹ Scorpii	9	6 39.51	− 0.55	+ 0.91	293 21 52.48	45.080	− 4.23	−2 7.5	16 6 39.87	− 1.81	−27 41 21.2	+ 5.3
37	ε Ophiuchi	9	13 28.36	− 0.45	+ **0.86**	316 33 53.95	45.105	− 4.23	− 52.5	16 13 28.82	.....	− 4 28 4.1	....
38	γ Herculis	9	17 52.79	− 0.43	+ **0.90**	340 23 55.55	44.508	− 4.23	− 19.7	16 17 53.27	.....	+19 22 16.6	....
39	ω Herculis	9	21 11.27	− 0.43	+ 0.91	335 15 55.65	46.208	− 4.23	− 25.5	16 21 11.75	− 1.58	+14 14 49.5	− 5.2
40	*A* Draconis	9	28 12.40	− 0.93	+ 0.91	29 57 59.10	47.355	− 4.23	+ 32.2	16 28 12.38	.....	+68 58 17.0	....
41	Moon I, N	9	34 33.06	− 0.52	+ 0.91	300 39 53.88	48.023	− 4.23	−1 33.2	16 34 33.45	+71.31	−20 21 38.1	....
42	κ Ophiuchi	9	53 20.09	− 0.43	+ **0.82**	330 32	....	....	. ....	16 53 20.57	.....	+ 9 31	....
43	30 Ophiuchi	9	56 13.72	− 0.45	+ 0.91	316 57 52.80	42.582	− 4.23	− 51.8	16 56 14.18	.....	− 4 5 2.2	....
44	η Ophiuchi	9	5 7.54	− 0.48	+ **0.87**	305 26	....	....	. ....	17 5 7.97	.....	−15 36	....
45	α Herculis	9	10 28.37	− 0.43	+ **0.96**	335 32	....	....	. ....	17 10 28.85	.....	+14 29	....
46	δ Herculis	9	11 16.43	− 0.44	+ **0.95**	345 58	....	....	. ....	17 11 16.90	.....	+24 56	....
47	87 Herculis	9	45 6.75	− 0.44	+ 0.91	346 39 57.28	46.915	− 4.13	− 13.1	17 45 7.22	− 1.88	+25 39 20.0	− 6.3
48	θ Herculis	9	53 7.44	− 0.47	+ 0.91	358 15 56.25	47.955	− 4.13	− 1.6	17 53 7.88	.....	+37 15 54.2	....
49	δ Ursæ Minoris	9	2 19.44	− 5.43	+ 0.91	47 35 52.78	48.257	− 4.13	+1 1.1	18 2 14.92	.....	+86 37 0.0	....
50	η Serpentis	9	16 34.49	− 0.44	+ **0.82**	318 6	....	....	. ....	18 16 34.96	.....	− 2 55	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 20 18	....	....	66.2
20 58	29.95	67.0	65.7
21 45	....	....	65.2
22 25	29.965	65.8	64.5
9 7 15	30.015	76.8	76.0
15 40	29.95	71.3	69.9
16 0	....	....	69.2
16 25	....	....	68.8
16 50	29.95	69.2	68.0
17 15	....	....	68.0
10 7 19	29.925	76.1	76.1
15 51	29.88	72.1	70.9
16 16	....	....	70.0
16 39	29.89	71.0	70.0
17 3	....	....	70.0
17 12	29.89	70.9	69.9
17 42	29.885	70.6	69.2
18 15	....	....	68.0

Micrometer bisections are made at II, VI, except as noted below.

1, 6.	Bisections at II, VI, VII.
17, 22, 32.	Bisections at I, II.
18, 33, 39.	Bisections at VI, VII.
19, 41.	Bisections at II, III, IV, V, VI.
23.	Bisections at IV, V.
30.	Bisections at I, II, VI.
35.	Bisection at VI.
36.	Bisections at V, VI, VII.
40.	Bisections at III, V.
49.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

1–16.	Conditions poor.
30, 40–46.	Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
17	+ 2.4	−15 44.9	...	−15 42.5
18	+ 2.5	+15 45.0	...	+15 47.5
19	+47 36.3	−15 50.1	...	+31 46.2
32	+ 2.4	−15 44.6	...	−15 42.2
33	+ 2.5	+15 44.6	...	+15 47.1
41	+50 32.3	−16 5.9	...	+34 26.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Read-ing.	Zenith Pt. Corr.	Refrac-tion.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	447 B. Herculis	9	18 46.65	− 0.43	+ 0.91	338 47 56.60	46.282	− 4.13	− 21.6	18 18 47.13	− 1.91	+17 46 56.3	− 5.2
2	3 H. Scuti	9	30 13.57	− 0.46	+ **0.93**	312 43 52.10	44.542	− 4.13	−1 0.3	18 30 14.02	.....	− 8 18 26.5	....
3	29 H¹. Sagittarii	9	33 25.97	− 0.51	+ 0.91	299 55 52.98	43.002	− 4.13	−1 36.5	18 33 26.37	− 2.13	−21 7 37.0	− 2.9
4	4 H. Scuti	9	37 15.79	− 0.46	+ **0.93**	311 54	......	....	.....	18 37 16.24	.....	− 9 8	....
5	110 Herculis	9	41 43.66	− 0.43	+ **0.83**	341 27 54.48	47.970	− 4.13	− 18.7	18 41 44.14	.....	+20 27 35.7	....
6	43 Camelopardalis s. p.	8	43 42.95	+ 0.89	+ 0.91	71 57 52.02	46.857	− 4.13	+2 50.5	6 43 44.75	+ 2.53	+68 59 42.8	+ 2.9
7	θ Serpentis	9	51 40.23	− 0.43	+ **0.90**	325 5 53.55	47.630	− 4.13	− 38.8	18 51 40.71	.....	+ 4 5 7.0	....
8	51 H. Cephei s. p.	9	57 10.61	+ 6.50	+ 0.91	53 47 51.02	46.032	− 4.13	+1 16.4	6 57 18.02	.....	+87 11 36.4	....
	July 10, Fk.												
9	33 Cygni	9	11 17.93	− 0.63	+ 0.94	17 17 54.85	45.345	− 4.06	+ 17.5	20 11 18.24	.....	+56 17 12.2	....
10	ρ Capricorni	9	23 38.43	− 0.48	+ **0.94**	302 56	......	....	.....	20 23 38.89	.....	−18 6	....
11	ε Delphini	9	28 50.41	− 0.42	+ **0.98**	332 2	......	....	.....	20 28 50.93	.....	+10 59	....
12	υ Capricorni	9	34 50.40	− 0.48	+ 0.94	302 33 54.00	47.792	− 4.06	−1 27.3	20 34 50.86	.....	−18 27 37.3	....
13	f² Cygni	9	3 27.70	− 0.53	+ 0.94	8 17 53.30	44.518	− 4.06	+ 8.2	21 3 28.11	− 2.21	+47 16 42.6	+ 1.9
14	ζ Cygni	9	9 2.58	− 0.44	+ **0.98**	350 52	......	....	.....	21 9 3.08	.....	+29 50	....
15	1 Pegasi	9	17 51.11	− 0.42	+ **1.00**	340 26	......	....	.....	21 17 51.63	.....	+19 24	....
16	β Aquarii	9	26 44.20	− 0.44	+ **1.00**	315 4	......	....	.....	21 26 44.70	.....	− 5 58	....
17	41 Capricorni	9	36 47.99	− 0.51	+ 0.94	297 21 55.05	46.210	− 4.06	−1 47.8	21 36 48.42	− 1.82	−23 40 32.9	−11.1
18	δ Capricorni	9	41 59.09	− 0.47	+ **1.02**	304 30	......	....	.....	21 41 59.56	.....	−16 32	....
19	α Aquarii	9	1 4.59	− 0.43	+ **1.02**	320 16	......	....	.....	22 1 5.10	.....	− 0 45	....
20	λ Piscis Australis	9	9 7.35	− 0.54	+ 0.94	292 49 57.05	45.618	− 4.06	−2 12.2	22 9 7.75	− 1.72	−28 13 8.8	−13.0
21	31 Pegasi	9	17 0.31	− 0.42	+ 0.94	332 45 53.02	45.852	− 4.06	− 28.8	22 17 0.83	− 1.53	+11 44 35.8	− 3.5
22	π Aquarii	9	20 35.72	− 0.42	+ **0.94**	321 55 51.88	47.000	− 4.06	− 43.8	22 20 36.24	.....	+ 0 54 46.0	....
23	β Piscis Australis	9	26 17.99	− 0.57	+ 0.94	288 15 52.38	43.038	− 4.06	−2 48.0	22 26 18.36	− 1.67	−32 48 48.2	−14.5
24	226 B. Cephei	9	30 43.94	− 1.38	+ 0.94	36 45 52.95	43.812	− 4.06	+ 42.0	22 30 43.50	.....	+75 44 59.9	....
25	35 H. Ursæ Majoris s. p.	8	36 26.08	+ 0.98	+ 0.94	71 25 52.00	42.052	− 4.06	+2 45.9	10 36 28.00	+ 1.72	+69 33 37.2	−11.9
	July 11, Fk.												
26	Sun I, N	9	20 55.58	− 0.37	+ 0.94	343 23 55.95	44.612	− 3.18	− 16.1	7 20 56.15	+68.22	+22 22 24.0	....
27	Sun II, S	9	23 12.02	− 0.37	+ 0.94	342 51 56.75	45.920	− 3.18	− 16.7	7 23 12.59	−68.22	+21 50 53.0	....
28	β¹ Scorpii	8	0 6.33	− 0.47	+ **0.93**	301 29 55.38	43.460	− 3.26	−1 28.9	16 0 6.80	.....	−19 33 15.7	....
29	c¹ Scorpii	8	6 39.50	− 0.51	+ 0.94	293 21 56.45	44.808	− 3.26	−2 5.6	16 6 39.93	− 1.81	−27 41 20.5	+ 5.3
30	σ Scorpii	8	15 36.99	− 0.50	+ 0.94	295 39 54.52	46.850	− 3.26	−1 53.1	16 15 37.43	.....	−25 22 23.2	....
31	ω Herculis	9	21 11.23	− 0.40	+ 0.94	335 15 56.92	46.082	− 3.26	− 25.1	16 21 11.77	− 1.57	+14 14 48.5	− 5.3
32	β Herculis	9	26 16.97	− 0.40	+ **0.89**	342 41 56.75	47.620	− 3.26	− 17.0	16 26 17.51	.....	+21 41 32.5	....
33	ζ Ophiuchi	9	32 6.78	− 0.44	+ **0.89**	310 39 56.05	43.420	− 3.26	−1 3.7	16 32 7.28	.....	−10 22 50.7	....
34	57 H¹. Camelopardalis s. p.	9	52 58.59	+ 1.13	+ 0.94	67 1 55.25	48.442	− 3.26	+2 9.3	4 53 0.66	+ 2.46	+73 55 43.7	+10.2
35	ζ Draconis	9	8 33.77	− 0.81	+ 0.94	26 49 55.40	46.638	− 3.26	+ 27.9	17 8 33.90	.....	+65 49 53.6	....
36	π Herculis	9	11 51.91	− 0.46	+ 0.94	357 56	......	....	.....	17 11 52.39	.....	+36 54	....
37	σ Ophiuchi	9	21 58.24	− 0.42	+ **0.97**	325 13 54.50	47.938	− 3.26	− 38.0	17 21 58.76	.....	+ 4 13 16.6	....
38	ν² Draconis	9	30 29.22	− 0.62	+ 0.94	16 13 54.78	48.315	− 3.26	+ 16.1	17 30 29.54	− 2.37	+55 14 19.6	− 9.2
39	Moon I, N	9	37 19.42	− 0.51	+ 0.94	297 59 52.82	46.937	− 3.26	−1 42.6	17 37 19.85	+73.88	−23 2 12.5	....
40	87 Herculis	9	45 6.66	− 0.44	+ 0.94	346 39 57.02	46.872	− 3.26	− 13.0	17 45 7.16	− 1.88	+25 39 19.7	− 6.5
41	89 Herculis	9	51 43.89	− 0.44	+ **0.99**	347 4	......	....	.....	17 51 44.39	.....	+26 3	....
42	ν Ophiuchi	9	53 59.17	− 0.46	+ **0.95**	311 15 59.70	46.228	− 3.26	−1 2.4	17 53 59.65	.....	− 9 45 41.6	....
43	72 Ophiuchi	9	3 0.64	− 0.43	+ **0.96**	330 33 54.72	47.218	− 3.26	− 30.9	18 3 1.15	.....	+ 9 33 7.5	....
	July 13, M.												
44	Sun I, S	9	29 3.67	− 0.41	+ 1.07	342 35 55.08	44.075	− 2.62	− 16.7	7 29 4.33	+68.11	+21 34 10.8	....
45	Sun II, N	9	31 19.89	− 0.41	+ 1.07	343 7 55.20	42.700	− 2.62	− 16.2	7 31 20.55	−68.11	+22 5 39.9	....
46	α Ophiuchi	9	30 40.96	− 0.39	+ **1.06**	333 40	......	....	.....	17 30 41.65	.....	+12 37	....
47	ξ Serpentis	9	32 20.42	− 0.42	+ **1.03**	305 42	......	....	.....	17 32 21.08	.....	−15 20	....
48	β Ophiuchi	9	38 56.79	− 0.38	+ **1.10**	325 38	......	....	.....	17 38 57.49	.....	+ 4 36	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 18 28	......	....	67.2
18 51	......	....	67.0
19 3	29.86	68.4	66.9
20 6	29.86	67.2	65.3
20 27	......	....	65.2
20 47	29.85	66.7	65.2
21 6	......	....	64.9
21 22	29.85	66.2	64.3
21 44	......	....	63.6
22 8	......	....	63.9
22 13	29.845	65.6	....
11 7 23	29.89	81.8	82.8
15 55	29.835	77.8	77.1
16 18	......	....	76.3
16 40	29.835	76.6	75.5
17 0	......	....	75.1
17 20	......	....	75.1
17 44	29.835	75.6	74.7
13 7 31	29.88	86.1	88.9

Micrometer bisections are made at II, VI, except as noted below.

2. Bisections at I, VI.
3. Bisections at II, VI, VII.
6. Bisections at IV, V, VI.
8. Bisections at b_1, b_3, b_5, b_7, b_9.
9. Bisections at III, VI.
13, 35, 38. Bisections at III, V.
24, 25, 34. Bisections at III, IV, V.
26, 44. Bisections at I, II.
27, 45. Bisections at VI, VII.
39. Bisections at II, III, IV, V, VI.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
26	+ 2.4	−15 45.4	...	−15 43.0
27	+ 2.5	+15 45.5	...	+15 48.0
39	+52 39.9	−16 20.2	...	+36 19.7
44	+ 2.5	+15 44.5	...	+15 47.0
45	+ 2.5	−15 44.6	...	−15 42.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Herculis	9	42 52.63	− 0.41	+ **1.12**	348 48	......	....	.....	17 42 53.30	.....	+27 46	....
2	89 Herculis	9	51 43.72	− 0.40	+ **1.11**	347 4	......	....	.....	17 51 44.40	.....	+26 3	....
3	ν Ophiuchi	9	53 58.97	− 0.41	+ **1.10**	311 16	......	....	.....	17 53 59.64	.....	− 9 45	....
4	δ Ursæ Minoris	9	2 18.11	− 5.07	+ 1.08	47 36	......	....	.....	18 2 14.12	.....	+86 36	....
5	51 H. Cephei s. p.	8	57 11.07	+ 6.03	+ 1.08	53 48	......	....	.....	6 57 18.18	.....	+87 11	....
	July 13, P.												
6	Moon II, N.	9	54 19.57	− 0.42	+ 0.98	297 35 50.98	47.312	− 2.26	−1 43.7	19 54 20.13	−75.60	−23 26 5.9	....
7	68 Draconis	9	10 7.41	− 0.68	+ 0.98	22 47 50.50	47.388	− 2.26	+ 23.1	20 10 7.71	− 3.05	+61 48 2.1	− 0.6
8	4 Capricorni	9	12 38.72	− 0.41	+ 0.98	298 57 50.80	43.305	− 2.26	−1 38.1	20 12 39.29	− 2.13	−22 5 32.0	− 7.6
9	ρ Capricorni	9	23 38.28	− 0.40	+ **1.06**	302 55 51.50	44.230	− 2.26	−1 24.0	20 23 38.86	.....	−18 6 56.1	....
10	42 Cygni	9	25 51.36	− 0.41	+ 0.98	357 9 52.15	45.580	− 2.26	− 2.6	20 25 51.93	− 2.10	+36 8 56.7	− 2.3
11	υ Capricorni	9	34 50.31	− 0.40	+ 0.98	302 33 51.70	47.720	− 2.26	−1 25.1	20 34 50.89	.....	−18 27 37.2	....
12	ε Aquarii	9	42 43.22	− 0.38	+ **0.94**	311 12	......	....	.....	20 42 43.82	.....	− 9 49	....
13	ω Capricorni	9	46 21.54	− 0.44	+ 0.98	293 47 51.20	44.110	− 2.26	−2 2.9	20 46 22.08	− 2.13	−27 15 38.0	− 9.6
14	32 Vulpeculæ	9	50 39.69	− 0.38	+ **1.00**	348 43 51.45	44.880	− 2.26	− 10.8	20 50 40.29	.....	+27 42 31.8	....
15	f^2 Cygni	9	3 27.75	− 0.47	+ 0.98	8 17 52.78	44.500	− 2.26	+ 8.0	21 3 28.26	− 2.26	+47 16 43.2	+ 0.8
16	ζ Cygni	8	9 2.69	− 0.38	+ **0.86**	350 51 53.70	45.995	− 2.26	− 8.7	21 9 3.29	.....	+29 51 1.6	....
17	ι Capricorni	9	17 8.88	− 0.40	+ **1.00**	303 47 50.10	48.207	− 2.26	−1 21.2	21 17 9.46	.....	−17 13 23.8	....
18	β Aquarii	9	26 44.22	− 0.37	+ **0.98**	315 3 52.08	44.282	− 2.26	− 54.4	21 26 44.84	.....	− 5 58 24.7	....
19	13 H. Cephei	9	36 8.54	− 0.56	+ 0.99	18 5 52.08	43.095	− 2.26	+ 17.9	21 36 8.97	− 2.52	+57 4 20.2	+ 3.9
20	δ Capricorni	9	41 59.17	− 0.40	+ **0.95**	304 29 53.10	45.108	− 2.26	−1 19.2	21 41 59.76	.....	−16 32 29.6	....
21	μ Capricorni	9	48 18.09	− 0.39	+ **0.98**	307 3 50.78	43.758	− 2.26	−1 12.2	21 48 18.69	.....	−13 58 55.8	....
22	θ Pegasi	9	5 34.58	− 0.36	+ **1.03**	326 45 52.72	46.722	− 2.26	− 35.8	22 5 35.21	.....	+ 5 44 50.2	....
23	1 H. Lacertæ	9	9 57.02	− 0.41	+ 0.99	0 15 53.55	46.898	− 2.26	+ 0.3	22 9 57.60	− 1.86	+39 15 31.1	+ 2.2
24	32 Pegasi	9	17 5.46	− 0.37	+ 0.99	348 53 53.50	43.568	− 2.26	− 10.7	22 17 6.08	− 1.69	+27 52 4.0	− 0.2
25	β Piscis Australis	9	26 17.92	− 0.48	+ 0.99	288 15 50.38	42.792	− 2.26	−2 43.9	22 26 18.43	− 1.77	−32 48 49.8	−14.8
26	226 B. Cephei	9	30 44.22	− 1.16	+ 0.99	36 45 51.28	43.865	− 2.26	+ 41.0	22 30 44.05	.....	+75 45 0.1	....
27	Venus II, N.	9	36 20.66	− 0.44	+ 1.04	338 45 55.65	48.011	− 2.29	− 20.6	6 36 21.26	− 1.96	+17 45 37.7	....
	July 14, P.												
28	Sun I, S.	9	33 7.21	− 0.44	+ 1.04	342 25 55.42	46.780	− 2.49	− 16.8	7 33 7.81	+68.17	+21 25 13.0	....
29	Sun II, N.	9	35 23.56	− 0.44	+ 1.04	342 57 55.92	45.520	− 2.49	− 16.2	7 35 24.16	−68.18	+21 56 45.2	....
	July 15, Fk.												
30	Sun I, N.	8	37 10.10	− 0.40	+ 1.11	342 49 54.40	42.210	− 2.46	− 16.7	7 37 10.81	+67.98	+21 47 27.7	....
31	Sun II, S.	8	39 26.06	− 0.40	+ 1.11	342 17 54.28	43.520	− 2.46	− 17.2	7 39 26.77	−67.98	+21 15 56.9	....
32	$β^1$ Scorpii	8	0 6.08	− 0.48	+ **1.16**	301 29 52.10	43.622	− 3.58	−1 29.6	16 0 6.77	.....	−19 33 16.3	....
33	ν Scorpii (*mean*)	9	6 39.71	− 0.48	+ **1.20**	301 49 51.82	43.415	− 3.58	−1 28.5	16 6 40.40	.....	−19 13 20.2	....
34	δ Ophiuchi	9	9 32.23	− 0.44	+ **1.17**	317 33 52.72	46.715	− 3.58	− 50.3	16 9 32.96	.....	− 3 27 25.7	....
35	σ Scorpii	9	15 36.79	− 0.50	+ 1.17	295 39 53.18	46.952	− 3.58	−1 54.0	16 15 37.46	.....	−25 22 23.5	....
36	ω Herculis	9	21 10.93	− 0.42	+ 1.17	335 15 53.35	46.255	− 3.58	− 25.4	16 21 11.68	− 1.54	+14 14 49.3	− 5.7
37	β Herculis	9	26 16.68	− 0.42	+ **1.17**	342 41 54.05	47.765	− 3.58	− 17.1	16 26 17.43	.....	+21 41 32.8	....
38	σ Herculis	8	31 9.22	− 0.49	+ 1.17	3 37 54.65	47.542	− 3.58	+ 3.6	16 31 9.90	.....	+42 37 49.0	....
39	57 H^1. Camelopardalis s. p.	9	52 58.74	+ 1.10	+ 1.17	67 1 52.50	48.528	− 3.58	+2 10.3	4 53 1.01	+ 2.15	+73 55 43.8	+10.7
40	ζ Draconis	9	8 33.54	− 0.80	+ 1.17	26 49 54.22	46.712	− 3.58	+ 28.1	17 8 33.91	.....	+65 49 54.0	....
41	π Herculis	9	11 51.67	− 0.46	+ 1.17	357 55 53.88	45.548	− 3.58	− 1.9	17 11 52.38	.....	+36 54 57.1	....
42	d Ophiuchi	9	21 30.24	− 0.52	+ 1.17	291 15 54.45	46.282	− 3.58	−2 20.8	17 21 30.89	.....	−29 47 4.3	....
43	x Herculis	9	24 19.32	− 0.52	+ 1.17	9 21 53.85	43.645	− 3.58	+ 9.2	17 24 19.97	− 2.07	+48 20 24.7	−10.0
44	$ν^2$ Draconis	9	30 28.89	− 0.59	+ 1.17	16 13 55.50	48.308	− 3.58	+ 16.2	17 30 29.47	− 2.30	+55 14 19.9	−10.2
45	324 B. Herculis	9	37 51.86	− 0.48	+ 1.17	4 31 55.58	45.675	− 3.58	+ 4.5	17 37 52.55	− 2.03	+43 31 8.1	− 9.1
46	X Sagittarii	9	41 47.64	− 0.50	+ 1.17	293 15 53.78	43.920	− 3.58	−2 7.9	17 41 48.31	− 2.18	−27 47 46.1	+ 0.7
47	87 Herculis	9	45 6.41	− 0.41	+ 1.17	346 39 54.75	47.030	− 3.58	− 13.1	17 45 7.17	− 1.86	+25 39 20.6	− 7.2
48	θ Herculis	9	53 7.13	− 0.45	+ 1.17	358 15 55.32	48.042	− 3.58	− 1.6	17 53 7.85	.....	+37 15 55.8	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 19 49	29.795	78.5	77.5
20 16	....	....	77.0
20 31	29.78	77.9	76.7
20 55	....	....	76.4
21 22	29.78	77.3	76.5
21 46	....	....	76.1
22 3	....	....	76.0
22 24	....	....	75.0
22 33	29.76	75.0	74.5
6 35	29.78	88.1	89.9
14 7 35	29.77	89.4	90.4
15 7 39	29.84	82.6	82.8
15 58	29.85	75.2	73.3
16 19	....	....	72.8
16 39	29.865	73.8	72.2
16 59	....	....	71.7
17 19	29.87	72.8	71.3
17 50	....	....	70.5

Micrometer bisections are made at II, VI, except as noted below.

6.	Bisections at II, III, IV, V, VI.
7, 26, 38, 40, 43–45.	Bisections at III, V.
8, 17.	Bisections at II, VI, VII.
25.	Bisections at I, II, VI.
27.	Bisections at I, II, VI, VII.
28, 30.	Bisections at I, II.
29, 31.	Bisections at VI, VII.
39.	Bisections at III, IV, V.

Notes.

12. Clouds.
17. Unsteady.
23. Micrometer reading decreased 1 rev.
23. Observed head north.
41. Degrees of circle reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+53 49.9	−16 38.2	...	+37 11.7
27	+ 10.4	− 28.4	...	− 18.0
28	+ 2.6	+15 46.0	...	+15 48.6
29	+ 2.5	−15 46.1	...	−15 43.6
30	+ 2.5	−15 45.4	...	−15 42.9
31	+ 2.6	+15 45.3	...	+15 47.9

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	24 Ursæ Minoris.........	9	5 12.67	− 5.94	+ 1.18	47 59 54.82	45.198	− 3.58	+1 1.8	18 5 7.91	−19.27	+86 59 53.3	− 8.2
2	η Serpentis.............	9	16 34.13	− 0.41	+ **1.16**	318 6	......	....	. ....	18 16 34.90	.....	− 2 55	....
3	109 Herculis.............	9	19 47.78	− 0.40	+ **1.22**	342 43 53.20	48.445	− 3.58	− 17.2	18 19 48.56	.....	+21 43 47.3	....
4	Uranus C, C...........	8	3 28.75	− 0.46	+ 1.18	297 57 53.88	46.072	− 3.68	−1 44.0	19 3 29.47	.....	−23 4 33.0	....
	July 15, M.												
5	33 Cygni.................	9	11 17.66	− 0.64	+ 1.26	17 17 53.75	45.465	− 4.24	+ 17.5	20 11 18.28	.....	+56 17 13.6	....
6	ρ Capricorni............	9	23 38.24	− 0.48	+ **1.21**	302 56	......	....	. ....	20 23 39.02	.....	−18 6	....
7	ε Delphini...............	9	28 50.19	− 0.42	+ **1.28**	332 2	......	....	. ....	20 28 51.03	.....	+10 59	....
8	κ Delphini...............	9	34 40.81	− 0.42	+ 1.26	330 47 52.80	43.930	− 4.24	− 31.1	20 34 41.65	− 1.93	+ 9 45 49.2	− 5.6
9	ζ Cygni..................	9	9 2.32	− 0.44	+ **1.32**	350 52	......	....	. ....	21 9 3.14	.....	+29 50	....
10	α Equulei...............	9	11 14.57	− 0.43	+ **1.25**	325 54	......	....	. ....	21 11 15.40	.....	+ 4 52	....
11	β Aquarii...............	9	26 44.04	− 0.43	+ **1.26**	315 4	......	....	. ....	21 26 44.87	.....	− 5 58	....
12	δ Capricorni............	8	41 58.94	− 0.46	+ **1.28**	304 30	......	....	. ....	21 41 59.74	.....	−16 32	....
13	Moon II, N............	9	5 5.99	− 0.47	+ 1.26	304 9 51.50	44.685	− 4.24	−1 22.4	22 5 6.78	−72.15	−16 52 46.2	....
14	1 H. Lacertæ...........	9	9 56.82	− 0.46	+ 1.26	0 15 54.55	46.925	− 4.24	+ 0.3	22 9 57.62	− 1.90	+39 15 30.7	+ 1.6
15	31 Pegasi................	9	17 0.16	− 0.40	+ 1.26	332 45 54.18	45.820	− 4.24	− 28.9	22 17 1.02	− 1.65	+11 44 36.0	− 4.7
16	π Aquarii................	9	20 35.54	− 0.41	+ **1.23**	321 55 52.05	47.018	− 4.24	− 43.9	22 20 36.39	.....	+ 0 54 46.3	....
17	β Piscis Australis.......	9	26 17.91	− 0.54	+ 1.26	288 15 52.30	43.000	− 4.24	−2 48.2	22 26 18.63	− 1.83	−32 48 49.5	−14.8
18	η Aquarii................	9	30 38.56	− 0.41	+ **1.22**	320 25 53.02	46.770	− 4.24	− 46.4	22 30 39.41	.....	− 0 35 20.9	....
19	35 H. Ursæ Majoris s. p. ..	9	36 25.64	+ 0.97	+ 1.26	71 25 52.98	42.039	− 4.24	+2 46.4	10 36 27.87	+ 1.82	+69 33 36.0	−10.7
20	Mercury II, C..........	9	34 33.04	− 0.39	+ 1.27	340 3 55.68	44.725	− 4.13	− 20.0	6 34 33.92	− 0.34	+19 2 21.4	....
	July 16, M.												
21	Sun I, N................	9	41 12.40	− 0.39	+ 1.28	342 39 56.15	43.090	− 4.35	− 17.1	7 41 13.29	+67.87	+21 37 47.2	....
22	Sun II, S...............	9	43 28.14	− 0.39	+ 1.28	342 7 56.38	44.445	− 4.35	− 17.7	7 43 29.03	−67.87	+21 6 17.8	....
23	η Ursæ Minoris..........	9	20 14.14	− 1.29	+ 1.29	36 57 53.50	47.275	− 4.56	+ 41.9	16 20 14.14	.....	+75 58 18.9	....
24	λ Ophiuchi...............	9	26 17.12	− 0.42	+ **1.26**	323 11 52.22	47.972	− 4.56	− 41.4	16 26 17.99	.....	+ 2 11 10.4	....
25	ζ Ophiuchi...............	9	32 6.37	− 0.45	+ **1.29**	310 39 49.90	43.758	− 4.56	−1 4.4	16 32 7.21	.....	−10 22 51.2	....
26	κ Ophiuchi...............	9	53 19.63	− 0.42	+ **1.25**	330 31 53.00	47.472	− 4.56	− 31.3	16 53 20.50	.....	+ 9 31 9.8	....
27	ζ Draconis...............	9	8 33.27	− 0.79	+ 1.29	26 49 52.62	46.835	− 4.56	+ 28.2	17 8 33.77	.....	+65 49 54.1	....
28	σ Ophiuchi...............	9	21 57.93	− 0.42	+ **1.27**	325 13 50.48	48.208	− 4.56	− 38.5	17 21 58.80	.....	+ 4 13 17.0	....
29	f Draconis...............	9	32 22.51	− 0.86	+ 1.29	29 11 54.02	46.478	− 4.56	+ 31.2	17 32 22.94	− 3.08	+68 11 50.6	−10.7
30	324 B. Herculis...........	9	37 51.69	− 0.48	+ 1.29	4 31 53.72	45.805	− 4.56	+ 4.5	17 37 52.50	− 2.02	+43 31 8.2	− 9.3
31	ψ¹ Draconis..............	9	43 37.81	− 1.03	+ 1.29	33 11 52.52	46.348	− 4.56	+ 36.5	17 43 38.07	.....	+72 11 51.0	....
32	35 Draconis..............	9	53 38.91	− 1.38	+ 1.29	37 57 53.22	48.295	− 4.56	+ 43.6	17 53 38.82	.....	+76 58 43.6	....
33	24 Ursæ Minoris.........	9	5 12.89	− 5.85	+ 1.29	47 59 51.60	45.372	− 4.56	+1 2.0	18 5 8.33	−19.05	+86 59 53.2	− 8.4
34	η Serpentis.............	9	16 34.03	− 0.43	+ **1.29**	318 6	......	....	. ....	18 16 34.89	.....	− 2 55	....
35	447 B. Herculis...........	9	18 46.19	− 0.41	+ 1.29	338 47 53.58	46.432	− 4.56	− 21.6	18 18 47.07	− 1.92	+17 46 56.3	− 6.2
36	84 G. Sagittarii..........	9	32 56.49	− 0.51	+ 1.29	297 27 50.02	45.252	− 4.56	−1 46.8	18 32 57.27	− 2.21	−23 34 59.3	− 2.6
37	4 H. Scuti...............	9	37 15.41	− 0.45	+ **1.34**	311 53 50.70	44.898	− 4.56	−1 2.1	18 37 16.25	.....	− 9 8 22.9	....
38	110 Herculis.............	9	41 43.27	− 0.42	+ **1.24**	341 28	......	....	. ....	18 41 44.14	.....	+20 27	....
39	111 Herculis.............	9	42 58.63	− 0.41	+ 1.29	339 5 53.32	46.258	− 4.56	− 21.3	18 42 59.51	− 1.96	+18 4 52.4	− 6.1
40	Uranus C, C...........	9	3 18.38	− 0.50	+ 1.29	297 57 49.75	45.619	− 4.56	−1 44.7	19 3 19.17	.....	−23 4 49.0	....
	July 16, P.												
41	33 Cygni.................	9	11 17.79	− 0.57	+ 1.20	17 17 57.38	45.328	− 4.75	+ 17.6	20 11 18.42	.....	+56 17 13.7	....
42	ρ Capricorni............	9	23 38.25	− 0.48	+ **1.22**	302 56	......	....	. ....	20 23 38.97	.....	−18 6	....
43	ε Delphini...............	9	28 50.24	− 0.40	+ **1.22**	332 2	......	....	. ....	20 28 51.04	.....	+10 59	....
44	κ Delphini...............	9	34 40.88	− 0.40	+ 1.20	330 47 54.18	43.955	− 4.83	− 31.4	20 34 41.68	− 1.94	+ 9 45 50.3	− 5.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 18 12	......	....	70.0
18 23	29.885	71.6	70.3
18 59	29.89	71.2	69.9
20 8	29.91	69.9	68.8
20 37	29.91	69.5	68.0
22 1	29.92	67.2	65.1
22 15	......	....	64.8
22 42	29.93	66.1	64.1
6 37	30.00	75.0	74.5
16 7 43	29.985	76.0	76.6
16 17	29.945	72.9	71.9
16 37	......	....	71.4
16 58	29.955	71.8	71.1
17 35	......	....	70.2
17 48	29.95	70.7	69.9
18 28	......	....	68.4
18 46	......	....	68.2
19 7	29.94	68.7	67.5
20 9	29.94	67.2	66.0
20 15	......	....	65.2
20 33	......	....	64.8
20 46	......	....	64.9

Micrometer bisections are made at II, VI, except as noted below.

1, 33.	Bisections at III, IV, V.
4, 20, 40.	Bisections at I, II, VI, VII.
13.	Bisections at II, III, IV, V, VI.
19.	Bisections at II, III, V, VI.
21.	Bisections at I, II.
22.	Bisections at VI, VII.
23, 29, 32.	Bisections at III, V.
25.	Bisections at II, VI, VII.

Note.

5-19. Conditions poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
4	+ 0.4	.. ....	...	+ 0.4
13	+50 7.0	−16 35.9	...	+33 31.1
20	+ 4.3	.. ....	−0.5	+ 3.8
21	+ 2.5	−15 44.7	...	−15 42.2
22	+ 2.6	+15 44.6	...	+15 47.2
40	+ 0.4	.. ....	...	+ 0.4

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Equulei	9	11 14.61	− 0.41	+ 1.20	325 54	......	....	.....	21 11 15.40	.....	+ 4 52	....
2	1 Pegasi	9	17 51.00	− 0.40	+ 1.22	340 26	......	....	.....	21 17 51.80	.....	+19 24	....
3	β Aquarii	9	26 44.10	− 0.43	+ 1.22	315 4	......	....	.....	21 26 44.87	.....	− 5 58	....
4	δ Capricorni	9	41 59.03	− 0.47	+ 1.22	304 30	......	....	.....	21 41 59.76	.....	−16 32	....
5	ι Aquarii	9	1 29.27	− 0.46	+ 1.17	306 43 53.35	44.302	− 5.14	−1 15.3	22 1 30.01	.....	−14 18 46.7	....
6	θ Aquarii	9	11 59.78	− 0.44	+ 1.17	312 47 55.02	44.840	− 5.18	−1 0.8	22 12 0.54	.....	− 8 14 18.3	....
7	30 H. Camelopardalis S. P.	9	19 45.82	+ 2.48	+ 1.20	57 57 49.55	45.153	− 5.21	+1 30.2	10 19 49.50	+ 6.91	+83 1 45.5	− 9.6
8	η Aquarii	9	30 38.54	− 0.42	+ 1.27	320 26	......	....	....	22 30 39.32	.....	− 0 35	....
9	Moon II, N	9	5 5.39	− 0.46	+ 1.21	309 15 55.20	45.311	− 5.32	−1 9.0	23 5 6.14	−69.85	−11 46 15.9	....
10	Venus II, N	9	30 43.12	− 0.44	+ 1.19	338 31 54.00	46.168	− 3.60	− 21.3	6 30 43.87	− 1.91	+17 30 52.0	....
11	Mercury II, C	9	35 2.53	− 0.44	+ 1.19	340 13 56.05	45.150	− 3.60	− 19.5	6 35 3.28	− 0.33	+19 12 32.5	....
	July 17, P.												
12	Sun I, N	9	45 14.44	− 0.43	+ 1.19	342 29 53.22	43.172	− 3.99	− 17.1	7 45 15.20	+67.91	+21 27 46.5	....
13	Sun II, S	9	47 30.26	− 0.43	+ 1.19	341 57 52.42	44.532	− 3.99	− 17.6	7 47 31.02	−67.91	+20 56 16.3	....
14	κ Herculis	9	3 56.08	− 0.42	+ 1.18	338 17 51.85	48.310	− 2.91	− 21.5	16 3 56.84	.....	+17 17 39.3	....
15	η Ursæ Minoris	9	20 14.42	− 1.30	+ 1.18	36 57 50.38	47.415	− 2.91	+ 41.0	16 20 14.30	.....	+75 58 19.7	....
16	λ Ophiuchi	9	26 17.22	− 0.43	+ 1.16	323 11 50.02	47.962	− 2.91	− 40.5	16 26 17.97	.....	+ 2 11 10.6	....
17	τ Scorpii	9	30 10.48	− 0.53	+ 1.18	293 1 48.08	44.497	− 2.91	−2 6.7	16 30 11.13	.....	−28 1 36.6	....
18	ζ Ophiuchi	9	32 6.47	− 0.45	+ 1.19	310 39 47.85	43.720	− 2.91	−1 3.1	16 32 7.20	.....	−10 22 51.1	....
19	κ Ophiuchi	9	53 19.72	− 0.42	+ 1.16	330 31 50.50	47.530	− 2.91	− 30.6	16 53 20.49	.....	+ 9 31 11.0	....
20	η Ophiuchi	9	5 7.21	− 0.47	+ 1.17	305 25 48.50	44.755	− 2.91	−1 16.2	17 5 7.93	.....	−15 36 39.9	....
21	α Herculis	9	10 28.08	− 0.42	+ 1.21	335 31 50.72	43.720	− 2.91	− 24.7	17 10 28.85	.....	+14 29 50.1	....
22	σ Ophiuchi	9	21 57.97	− 0.42	+ 1.23	325 13 48.58	48.172	− 2.91	− 37.7	17 21 58.74	.....	+ 4 13 16.7	....
23	f Draconis	9	32 22.66	− 0.88	+ 1.19	29 11 51.72	46.582	− 2.91	+ 30.5	17 32 22.97	− 3.05	+68 11 51.3	−10.9
24	X Sagittarii	9	41 47.63	− 0.53	+ 1.19	293 15 48.55	44.012	− 2.91	−2 5.6	17 41 48.29	− 2.18	−27 47 46.1	+ 0.9
25	168 H^1. Herculis	9	49 6.37	− 0.48	+ 1.19	1 1 50.38	43.830	− 2.91	+ 1.0	17 49 7.08	− 2.00	+40 0 17.9	− 8.9
26	35 Draconis	9	53 39.10	− 1.40	+ 1.19	37 59 51.32	43.135	− 2.91	+ 42.6	17 53 38.89	.....	+76 58 44.4	....
27	τ Ophiuchi (*mean*)	9	58 5.56	− 0.45	+ 1.19	312 51 49.75	43.668	− 2.91	− 58.5	17 58 6.30	− 1.96	− 8 10 45.8	− 3.0
28	24 Ursæ Minoris	9	5 12.67	− 5.86	+ 1.19	47 59 54.40	45.273	− 2.91	+1 0.6	18 5 8.00	−18.84	+86 59 54.2	− 8.6
29	θ Serpentis	9	51 39.97	− 0.42	+ 1.18	325 5 51.10	47.672	− 3.20	− 37.9	18 51 40.74	.....	+ 4 5 7.3	....
30	51 H. Cephei S. P.	9	57 11.78	+ 6.19	+ 1.19	53 47 52.08	46.118	− 3.20	+1 14.5	6 57 19.16	.....	+87 11 34.4	....
31	λ Ursæ Minoris	9	14 37.56	−17.59	+ 1.19	49 59 49.55	46.305	− 3.20	+1 5.0	19 14 21.16	.....	+89 0 16.1	....
	July 18, P.												
32	2 Lacertæ	9	17 14.79	− 0.50	+ 1.26	7 5 55.80	43.505	− 1.42	+ 6.8	22 17 15.55	− 2.08	+46 4 23.1	+ 2.5
33	σ Aquarii	9	25 47.66	− 0.42	+ 1.28	309 53 48.48	44.018	− 1.49	−1 4.9	22 25 48.50	.....	−11 8 44.1	....
34	η Aquarii	9	30 38.56	− 0.40	+ 1.28	320 25 49.60	46.792	− 1.53	− 44.9	22 30 39.42	.....	− 0 35 19.6	....
35	ζ Pegasi	9	36 53.20	− 0.39	+ 1.27	331 23 50.10	42.202	− 1.58	− 29.6	22 36 54.07	.....	+10 21 11.2	....
36	δ Aquarii	9	49 46.97	− 0.43	+ 1.24	304 43 49.25	45.540	− 1.70	−1 18.2	22 49 47.80	.....	−16 18 22.0	....
37	3 Andromedæ	9	0 4.23	− 0.53	+ 1.26	10 33 48.40	45.425	− 1.78	+ 10.2	23 0 4.96	− 1.96	+49 33 2.6	+ 5.0
38	φ Aquarii	9	9 34.17	− 0.39	+ 1.22	314 29 49.38	44.210	− 1.86	− 55.3	23 9 35.04	.....	− 6 32 29.6	....
39	10 Andromedæ	9	15 30.47	− 0.47	+ 1.26	2 35 49.75	44.125	− 1.91	+ 2.5	23 15 31.26	− 1.72	+41 34 26.5	+ 3.7
40	Moon II, N	9	55 17.74	− 0.40	+ 1.26	320 49 49.62	46.044	− 2.37	− 44.3	0 55 18.60	−66.57	− 0 11 37.0	....
	July 19, M.												
41	Moon II, N	9	47 31.53	− 0.41	+ 1.44	326 31 49.18	46.175	− 3.53	− 36.6	1 47 32.56	−65.92	+ 5 30 32.1	....
42	Venus II	9	26 26.96	− 0.44	+ 1.46	338 22	......	....	.....	6 26 27.98	− 1.86	.. ..	....
43	Mercury C, C	6	38 53.94	− 0.44	+ 1.46	340 47 50.18	43.080	− 3.15	− 18.9	6 38 54.96	− 0.18	+19 45 40.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
16 21 13	29.94	66.0	....
22 0	......	....	63.4
22 8	29.93	65.0	63.2
22 23	29.93	64.5	62.9
23 6	29.93	63.8	62.0
6 28	29.91	78.6	81.2
6 37	......	....	82.4
17 7 48	29.88	80.5	82.6
16 1	29.70	79.5	78.9
16 17	......	....	78.4
16 41	29.7	78.9	78.0
17 9	......	....	77.4
17 30	29.695	77.9	77.1
18 10	29.69	77.2	76.8
18 49	29.67	77.0	76.1
19 25	29.665	76.9	76.1
18 22 16	29.64	77.3	76.4
22 35	......	....	76.1
22 55	29.64	76.9	75.9
23 34	29.65	76.5	76.0
0 56	29.68	76.1	75.7
19 1 47	29.94	73.7	71.5
6 39	29.98	83.8	82.3

Micrometer bisections are made at II, VI, except as noted below.

7. Bisections at III, IV, V.
9, 40, 41. Bisections at II, III, IV, V, VI.
10, 11, 43. Bisections at I, II, VI, VII.
12. Bisections at I, II.
13. Bisections at VI, VII.
15, 26. Bisections at III, V.
17, 24. Bisections at I, II, VI.
28, 30, 31. Bisections at b_1, b_3, b_5, b_7, b_9.
34. Bisections at II, VI, VII.

Note.

27. Assumed that mean was observed as directed on observing list.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
9	+46 28.5	−16 27.6	...	+30 0.9
10	+ 10.3	− 27.6	...	− 17.3
11	+ 4.2	.. ....	−0.5	+ 3.7
12	+ 2.6	−15 45.1	...	−15 42.5
13	+ 2.6	+15 45.1	...	+15 47.7
40	+36 54.2	−16 3.2	...	+20 51.0
41	+31 43.7	−15 49.6	...	+15 54.1
43	+ 3.8	.. ....	−0.3	+ 3.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	July 20, M.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun I, S.	9	57 17.08	− 0.45	+ 1.46	341 25 50.88	44.065	− 3.29	− 18.1	7 57 18.09	+67.55	+20 24 4.3	....
2	Sun II, N.	9	59 32.17	− 0.45	+ 1.46	341 57 51.82	42.720	− 3.29	− 17.6	7 59 33.18	−67.54	+20 55 35.0	....
3	η Draconis	9	22 45.83	− 0.78	+ 1.50	22 43 48.92	46.390	− 3.07	+ 23.0	16 22 46.55	.....	+61 43 36.8	....
4	λ Ophiuchi	9	26 16.88	− 0.44	+ **1.49**	323 11 47.55	48.110	− 3.09	− 40.9	16 26 17.94	.....	+ 2 11 10.9	....
5	ζ Ophiuchi	9	32 6.21	− 0.45	+ **1.43**	310 39 45.05	43.872	− 3.12	−1 3.6	16 32 7.26	.....	−10 22 51.2	....
6	κ Ophiuchi	9	53 19.40	− 0.43	+ **1.47**	330 31 48.28	47.635	− 3.24	− 30.9	16 53 20.47	.....	+ 9 31 10.6	....
7	ζ Draconis	9	8 32.98	− 0.86	+ 1.50	26 49 48.15	47.020	− 3.33	+ 27.9	17 8 33.62	.....	+65 49 54.8	....
8	σ Ophiuchi	9	21 57.72	− 0.43	+ **1.48**	325 13 47.20	48.290	− 3.41	− 38.0	17 21 58.79	.....	+ 4 13 17.0	....
9	158 H^1. Cephei s. p.	9	32 9.83	+ 3.70	+ 1.50	55 49 47.80	47.670	− 3.48	+1 21.0	5 32 15.03	.....	+85 8 57.1	....
10	β Ophiuchi	9	38 56.42	− 0.43	+ **1.52**	325 37 47.30	46.000	− 3.50	− 37.5	17 38 57.49	.....	+ 4 36 25.4	....
11	μ Herculis	9	42 52.22	− 0.45	+ **1.54**	348 47 48.55	45.315	− 3.52	− 10.8	17 42 53.27	.....	+27 46 37.6	....
12	99 B. Camelopardalis s. p.	9	52 41.59	+ 0.75	+ 1.50	74 3 48.20	46.738	− 3.58	+3 11.0	5 52 43.84	+ 1.61	+66 53 28.3	+ 7.7
13	36 Camelopardalis s. p.	9	3 32.09	+ 0.71	+ 1.50	75 13 47.60	44.427	− 3.64	+3 26.4	6 3 34.30	+ 1.58	+65 44 6.4	+ 7.0
14	446 B. Herculis	9	18 19.35	− 0.44	+ 1.50	344 15 48.28	45.068	− 3.72	− 15.5	18 18 20.41	− 1.93	+23 14 26.8	− 7.5
15	29 H^1. Sagittarii	9	33 25.47	− 0.50	+ 1.51	299 55 47.62	43.142	− 3.80	−1 35.4	18 33 26.48	− 2.18	−21 7 37.7	− 2.8
16	4 H. Scuti	9	37 15.23	− 0.46	+ **1.54**	311 53 47.42	44.982	− 3.83	−1 1.3	18 37 16.28	.....	− 9 8 21.8	....
17	111 Herculis	9	42 58.40	− 0.43	+ 1.51	339 5 49.30	46.435	− 3.86	− 21.0	18 42 59.48	− 1.97	+18 4 53.4	− 6.9
18	Uranus C, C.	9	2 37.58	− 0.51	+ 1.51	297 55 47.08	48.185	− 3.96	−1 43.3	19 2 38.58	.....	−23 5 51.0	....
	July 20, P.												
19	68 Draconis	9	10 6.99	− 0.66	+ 1.41	22 47 48.02	47.648	− 3.78	+ 23.3	20 10 7.74	− 3.09	+61 48 4.0	− 2.9
20	ρ Capricorni	9	23 38.12	− 0.49	+ **1.41**	302 56	......	....	.....	20 23 39.04	.....	−18 6	....
21	ε Delphini	9	28 50.18	− 0.42	+ **1.35**	332 2	......	....	.....	20 28 51.17	.....	+10 59	....
22	α Equulei	9	11 14.47	− 0.43	+ **1.43**	325 54	......	....	.....	21 11 15.45	.....	+ 4 52	....
23	1 Pegasi	9	17 50.83	− 0.42	+ **1.46**	340 26	......	....	.....	21 17 51.83	.....	+19 24	....
24	β Aquarii	9	26 43.96	− 0.45	+ **1.46**	315 4	......	....	.....	21 26 44.93	.....	− 5 58	....
25	δ Capricorni	9	41 58.92	− 0.48	+ **1.42**	304 30	......	....	.....	21 41 59.86	.....	−16 32	....
26	ι Aquarii	9	1 29.11	− 0.48	+ **1.43**	306 43 49.40	44.365	− 3.78	−1 14.1	22 1 30.05	.....	−14 18 46.7	....
27	θ Aquarii	9	11 59.65	− 0.46	+ **1.41**	312 47 50.72	44.950	− 3.78	− 59.8	22 12 0.61	.....	− 8 14 17.7	....
28	30 H. Camelopardalis s. p.	9	19 45.14	+ 2.27	+ 1.42	57 57 48.38	45.235	− 3.78	+1 28.8	10 19 48.83	+ 7.23	+83 1 44.7	− 8.5
29	Moon II, N.	9	39 16.19	− 0.41	+ 1.43	331 47 51.48	43.778	− 3.65	− 29.7	2 39 17.21	−65.89	+10 45 46.4	....
	July 27, P.												
30	β Herculis	9	26 21.01	− 0.38	− **3.33**	342 41 53.32	47.865	− 2.69	− 17.2	16 26 17.32	.....	+21 41 35.1	....
31	ζ Ophiuchi	8	32 10.87	− 0.42	− **3.32**	310 39 50.48	43.730	− 2.72	−1 4.3	16 32 7.14	.....	−10 22 49.3	....
32	κ Ophiuchi	9	53 24.09	− 0.38	− **3.33**	330 31 52.00	47.538	− 2.82	− 31.2	16 53 20.40	.....	+ 9 31 12.2	....
33	η Ophiuchi	9	5 11.58	− 0.43	− **3.28**	305 26	......	....	.....	17 5 7.84	.....	−15 36	....
34	19 H. Camelopardalis s. p.	9	7 22.01	+ 1.55	− 3.31	61 51 53.00	45.350	− 2.90	+1 43.5	5 7 20.25	.....	+79 7 22.0	....
35	α Herculis	9	10 32.51	− 0.38	− **3.33**	335 31 52.75	43.750	− 2.91	− 25.2	17 10 28.82	.....	+14 29 52.3	....
36	σ Ophiuchi	9	22 2.43	− 0.39	− **3.31**	325 13 50.88	48.218	− 2.97	− 38.4	17 21 58.73	.....	+ 4 13 19.3	....
37	β Draconis	9	28 27.11	− 0.52	− 3.31	13 21 50.90	48.848	− 3.00	+ 13.3	17 28 23.28	.....	+52 22 25.2	....
38	β Ophiuchi	9	39 1.08	− 0.39	− **3.22**	325 37 51.40	45.892	− 3.05	− 37.9	17 38 57.38	.....	+ 4 36 27.1	....
39	μ Herculis	9	42 56.95	− 0.40	− **3.29**	348 47 52.62	45.220	− 3.07	− 10.9	17 42 53.24	.....	+27 46 39.8	....
40	θ Herculis	9	53 11.57	− 0.42	− 3.31	358 15 53.08	48.248	− 3.13	− 1.6	17 53 7.84	.....	+37 15 58.7	....
41	δ Ursæ Minoris	9	2 19.56	− 4.98	− 3.32	47 37 54.05	43.131	− 3.17	+1 0.9	18 2 11.26	.....	+86 37 5.0	....
42	446 B. Herculis	9	18 24.07	− 0.39	− 3.32	344 15 52.62	44.965	− 3.25	− 15.6	18 18 20.36	− 1.90	+23 14 29.1	− 9.0
43	51 H. Cephei s. p.	9	57 18.83	+ 5.96	− 3.32	53 47 52.02	46.204	− 3.43	+1 16.0	6 57 21.47	.....	+87 11 31.2	....
44	δ Draconis	9	12 39.75	− 0.77	− 3.32	28 29 52.45	47.352	− 3.43	+ 30.2	19 12 35.66	.....	+67 30 9.1	....
45	4 Cygni	9	22 56.19	− 0.40	− 3.32	357 9 52.65	43.572	− 3.43	− 2.7	19 22 52.47	− 2.16	+36 8 10.0	− 8.6
46	κ Aquilæ	9	32 2.44	− 0.39	− **3.33**	313 47 51.12	46.128	− 3.43	− 57.8	19 31 58.73	.....	− 7 13 48.1	....
47	β Sagittæ	9	37 0.78	− 0.36	− **3.35**	338 17 53.32	43.775	− 3.43	− 22.1	19 36 57.10	.....	+17 15 56.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 8 0	29.97	85.1	84.9
16 8	29.96	80.6	79.1
16 49	......	....	77.8
17 13	29.95	77.9	77.0
17 47	......	....	76.2
18 7	29.95	76.8	75.4
18 46	29.95	75.7	74.2
19 6	29.95	75.8	75.0
20 8	29.96	75.5	74.5
20 14	29.96	75.5	74.2
22 0	29.95	73.2	72.0
22 8	......	....	72.0
22 23	29.955	72.9	71.0
2 41	29.96	73.5	72.3
27 16 25	29.90	73.5	72.1
16 55	......	....	72.0
17 25	......	....	71.5
17 47	29.91	72.5	71.1
18 21	29.90	72.0	71.0
18 53	29.90	72.0	70.5
19 18	......	....	70.5

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at I, II.
2.	Bisections at V, VI, VII.
3, 44.	Bisections at III, V.
8.	Bisections at VI, VII.
9, 12, 13, 28, 34.	Bisections at III, IV, V.
18.	Bisections at I, II, VI, VII.
29.	Bisections at II, III, IV, V, VI.
41.	Bisections at b_3, b_5, b_7, b_9.
43.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

31–46. Frequent clouds.
37. Micrometer reading increased 5 rev.
38. Micrometer reading decreased 3 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 2.7	+15 45.3	...	+15 48.0
2	+ 2.6	−15 45.3	...	−15 42.7
18	+ 0.4	.. ....	...	+ 0.4
29	+26 47.2	−15 36.7	...	+11 10.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Sagittæ	9	43 22.93	− 0.36	− **3.33**	339 19 53.10	45.450	− 3.43	− 20.9	19 43 19.25	.....	+18 18 35.2	....
2	β Aquilæ	9	50 53.48	− 0.36	− **3.36**	327 11 51.30	46.642	− 3.43	− 35.7	19 50 49.80	.....	+ 6 10 45.9	....
3	269 G. Sagittarii	9	58 23.42	− 0.44	− 3.32	298 11 50.70	44.678	− 3.43	−1 43.0	19 58 19.66	− 2.33	−22 51 6.8	− 7.0
4	κ Cephei	9	12 10.62	− 1.23	− 3.32	38 25 53.72	46.778	− 3.43	+ 44.2	20 12 6.07	.....	+77 26 11.2	....
	July 28, Fk.												
5	Sun I, N	9	29 5.22	− 0.40	− 3.31	340 15 54.82	45.675	− 3.71	− 19.5	8 29 1.51	+66.91	+19 14 43.2	....
6	Sun II, S	9	31 19.03	− 0.40	− 3.31	339 43 55.08	46.898	− 3.71	− 20.0	8 31 15.32	−66.90	+18 43 10.9	....
7	ν Ophiuchi	7	54 3.38	− 0.44	− **3.29**	311 15 51.00	46.665	− 3.32	−1 2.9	17 53 59.62	.....	− 9 45 40.9	....
8	ο Herculis	9	4 2.83	− 0.42	− **3.31**	349 45 54.98	46.455	− 3.32	− 9.9	18 3 59.09	.....	+28 45 11.2	....
9	B. D.+38°3109	9	9 37.77	− 0.45	− 3.32	359 35 54.12	44.605	− 3.32	− 0.3	18 9 34.00	− 1.96	+38 34 37.6	−10.9
10	B. D.+35°3205	9	14 14.77	− 0.44	− 3.32	356 21 54.48	44.050	− 3.32	− 3.5	18 14 11.01	− 1.95	+35 20 22.1	−10.5
11	B. D.+38°3150	9	18 39.82	− 0.45	− 3.32	359 17 54.98	47.830	− 3.32	− 0.6	18 18 36.05	− 1.99	+38 17 51.9	−10.7
12	B. D.+36°3130	9	23 33.63	− 0.44	− 3.32	357 7 55.88	44.968	− 3.32	− 2.7	18 23 29.87	− 1.99	+36 6 45.3	−10.4
13	B. D.+39°3445	9	28 33.12	− 0.45	− 3.32	0 49 54.10	47.475	− 3.32	+ 0.9	18 28 29.35	− 2.05	+39 49 44.4	−10.5
14	Anonymous	9	33 56.54	− 0.44	− 3.32	359 41 54.08	46.122	− 3.32	− 0.2	18 33 52.78	− 2.05	+38 41 12.3	−10.3
15	B. D.+36°3239	9	39 12.64	− 0.43	− 3.32	357 27 54.68	47.985	− 3.32	− 2.4	18 39 8.89	− 2.04	+36 27 53.3	−10.0
16	B. D.+35°3361	9	43 57.82	− 0.42	− 3.32	356 47 54.25	44.858	− 3.32	− 3.0	18 43 54.08	− 2.05	+35 46 40.8	− 9.9
17	B. D.+39°3551	9	47 41.29	− 0.44	− 3.32	0 13 53.55	48.402	− 3.32	+ 0.3	18 47 37.53	− 2.10	+39 14 4.4	− 9.9
18	ε Aquilæ	8	55 32.50	− 0.39	− **3.30**	335 57 53.28	46.028	− 3.32	− 24.7	18 55 28.79	.....	+14 56 45.0	....
19	Uranus C, C	9	1 24.11	− 0.48	− 3.32	297 53 50.42	48.240	− 3.32	−1 44.0	19 1 20.31	.....	−23 7 46.5	....
20	B. D.+38°3462	9	7 23.47	− 0.43	− 3.32	359 25 54.70	45.060	− 3.32	− 0.5	19 7 19.72	− 2.15	+38 24 48.4	− 9.3
21	d Sagittarii	9	12 21.20	− 0.46	− **3.33**	301 55 53.22	44.465	− 3.32	−1 28.6	19 12 17.42	.....	−19 6 54.6	....
22	B. D.+39°3731	9	17 26.72	− 0.43	− 3.32	0 45 54.80	46.562	− 3.32	+ 0.8	19 17 22.97	− 2.19	+39 45 24.1	− 9.0
23	B. D.+36°3550	8	22 8.34	− 0.41	− 3.32	358 3 54.65	48.188	− 3.32	− 1.8	19 22 4.61	− 2.17	+37 3 58.5	− 8.8
24	B. D.+35°3658	9	27 33.02	− 0.41	− 3.32	357 1 54.78	49.000	− 3.32	− 2.8	19 27 29.29	− 2.16	+36 2 16.2	− 8.7
25	B. D.+39°3831	9	32 34.11	− 0.42	− 3.32	0 49 54.50	47.165	− 3.32	+ 0.9	19 32 30.37	− 2.23	+39 49 37.7	− 8.5
26	B. D.+39°3876	9	38 36.06	− 0.42	− 3.32	0 47 54.70	49.462	− 3.32	+ 0.9	19 38 32.32	− 2.24	+39 48 30.4	− 8.3
27	B. D.+38°3758	9	44 17.78	− 0.41	− 3.32	359 11 54.48	45.460	− 3.32	− 0.7	19 44 14.05	− 2.22	+38 10 57.1	− 8.1
28	B. D.+38°3801	9	49 52.02	− 0.41	− 3.32	359 31 54.95	47.402	− 3.32	− 0.4	19 49 48.29	− 2.24	+38 31 42.3	− 7.9
29	γ Sagittæ	9	54 45.81	− 0.37	− **3.40**	340 15 53.95	45.638	− 3.32	− 19.9	19 54 42.12	.....	+19 14 41.5	....
30	B. D.+39°4054	9	5 38.40	− 0.41	− 3.32	0 31 52.92	47.912	− 3.32	+ 0.6	20 5 34.67	− 2.27	+39 31 52.9	− 7.3
31	B. D.+38°3963	9	10 41.92	− 0.40	− 3.32	359 53 53.32	45.342	− 3.32	0.0	20 10 38.20	− 2.27	+38 52 53.9	− 7.2
32	β Capricorni	9	15 56.66	− 0.43	− **3.34**	305 57 54.42	45.775	− 3.32	−1 16.2	20 15 52.91	.....	−15 4 11.1	....
33	π Capricorni	9	22 9.45	− 0.36	− **3.43**	302 31 52.75	45.085	− 3.32	−1 26.7	20 22 5.77	.....	−18 30 39.0	....
	July 28, P.												
34	β Aquarii	9	26 48.83	− 0.41	− **3.33**	315 2	......	....	.....	21 26 45.08	.....	− 5 58	....
35	θ Pegasi	9	5 39.21	− 0.38	− **3.28**	326 46	......	....	.....	22 5 35.49	.....	+ 5 44	....
36	π Aquarii	9	20 40.34	− 0.39	− **3.31**	321 56	......	....	.....	22 20 36.61	.....	+ 0 54	....
37	η Aquarii	9	30 43.39	− 0.39	− **3.35**	320 26	......	....	.....	22 30 39.66	.....	− 0 35	....
38	ζ Pegasi	9	36 57.98	− 0.38	− **3.31**	331 22	......	....	.....	22 36 54.26	.....	+10 21	....
39	ι^1 Aquarii	9	39 31.29	− 0.46	− **3.30**	302 14	......	....	.....	23 39 27.49	.....	−18 47	....
40	ω Piscium	9	54 40.48	− 0.38	− **3.34**	327 22	......	....	.....	23 54 36.76	.....	+ 6 21	....
41	Venus II, N	9	22 36.96	− 0.42	− 3.35	338 13 54.88	44.270	− 3.32	− 21.9	6 22 33.19	− 1.64	+17 12 9.1	....
42	Mercury II, C	9	12 36.92	− 0.41	− 3.35	342 13 54.10	43.614	− 3.22	− 17.6	7 12 33.16	− 0.25	+21 11 57.8	....
	July 29, P.												
43	ν Ophiuchi	9	54 3.46	− 0.48	− **3.33**	311 15 53.22	46.570	− 2.90	−1 2.9	17 53 59.63	.....	− 9 45 40.4	....
44	δ Ursæ Minoris	9	2 19.22	− 5.50	− 3.35	47 37 50.78	43.290	− 2.91	+1 0.8	18 2 10.37	.....	+86 37 5.5	....
45	B. D.+38°3109	9	9 37.81	− 0.50	− 3.35	359 35 53.75	44.612	− 2.93	− 0.3	18 9 33.96	− 1.95	+38 34 37.8	−11.1
46	B. D.+35°3205	9	14 14.81	− 0.49	− 3.35	356 21 53.92	44.098	− 2.95	− 3.5	18 14 10.97	− 1.94	+35 20 23.0	−10.7
47	B. D.+38°3150	9	18 39.87	− 0.50	− 3.35	359 18	......	....	.....	18 18 36.02	− 1.98	+38 17	....
48	B. D.+36°3130	9	23 33.70	− 0.49	− 3.35	357 7 55.40	44.990	− 2.97	− 2.7	18 23 29.86	− 1.98	+36 6 45.6	−10.6
49	B. D.+39°3445	9	28 33.31	− 0.51	− 3.35	0 49 54.12	47.482	− 2.99	+ 0.9	18 28 29.45	− 2.04	+39 49 44.9	−10.7

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
27 19 42	......	....	70.1
20 2	......	....	70.1
20 15	29.90	71.1	70.0
28 8 31	29.93	81.9	81.9
17 50	29.94	73.3	72.3
18 12	......	....	72.2
18 36	......	....	71.7
18 50	29.94	72.6	71.7
19 4	......	....	71.9
19 30	29.94	72.3	71.3
19 46	......	....	71.3
20 2	......	....	71.3
20 19	29.945	71.8	71.2
6 21	30.05	79.0	77.6
7 13	30.05	80.2	78.7
29 17 52	30.00	75.0	74.0
18 12	......	....	73.2

Micrometer bisections are made at II, VI, except as noted below.

3.	Bisections at II, VI, VII.
4.	Bisections at III, V.
5.	Bisections at I, II.
6.	Bisections at VI, VII.
19, 41, 42.	Bisections at I, II, VI, VII.
44.	Bisections at b_1, b_3, b_5, b_7, b_9.

Notes.

12, 14, 20, 23, 28, 31, 48.	Observed head south.
14.	Follows α Lyrae $1^s.3$ and is 50″ south.
17, 25, 26.	Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
5	+ 2.9	−15 46.1	...	−15 43.2
6	+ 3.0	+15 46.1	...	+15 49.1
19	+ 0.4	.. ....	...	+ 0.4
41	+ 8.8	− 23.4	...	− 14.6
42	+ 2.7	.. ....	+0.1	+ 2.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Anonymous	9	33 56.69	− 0.50	− 3.35	359 41 53.82	46.125	− 3.00	− 0.2	18 33 52.84	− 2.04	+38 41 12.5	−10.5
2	B. D. +36°3239	9	39 12.69	− 0.49	− 3.35	357 27 54.20	48.032	− 3.01	− 2.4	18 39 8.85	− 2.04	+36 27 54.2	−10.2
3	B. D. +35°3361	9	43 57.88	− 0.49	− 3.35	356 47 54.55	44.870	− 3.03	− 3.0	18 43 54.04	− 2.05	+35 46 42.7	−10.1
4	B. D. +39°3551	9	47 41.39	− 0.50	− 3.35	0 13 52.98	48.468	− 3.03	+ 0.3	18 47 37.54	− 2.10	+39 14 5.6	−10.2
5	θ Serpentis	9	51 44.61	− 0.44	− **3.40**	325 6	......	....	.....	18 51 40.82	.....	+ 4 5	....
6	51 H. Cephei s. p.	7	57 19.05	+ 6.50	− 3.35	53 47 52.20	46.221	− 3.06	+1 15.9	6 57 22.20	.....	+87 11 30.5	....
7	Uranus C, C	9	1 14.82	− 0.52	− 3.35	297 53 49.00	47.700	− 3.07	−1 44.2	19 1 10.95	.....	−23 8 0.3	....
8	B. D. +38°3462	9	7 23.58	− 0.49	− 3.35	359 25 54.28	45.055	− 3.09	− 0.5	19 7 19.74	− 2.14	+38 24 48.1	− 9.6
9	d Sagittarii	9	12 21.23	− 0.50	− **3.32**	301 55 50.88	44.568	− 3.10	−1 28.7	19 12 17.38	.....	−19 6 54.5	....
10	B. D. +39°3731	9	17 26.82	− 0.50	− 3.35	0 45 54.62	46.572	− 3.11	+ 0.8	19 17 22.97	− 2.19	+39 45 24.3	− 9.3
11	B. D. +36°3550	9	22 8.42	− 0.48	− 3.35	358 3 54.08	48.205	− 3.13	− 1.8	19 22 4.59	− 2.16	+37 3 58.5	− 9.1
12	B. D. +35°3658	9	27 33.06	− 0.48	− 3.35	357 1 54.45	49.052	− 3.14	− 2.8	19 27 29.23	− 2.16	+36 2 17.3	− 8.9
13	B. D. +39°3831	9	32 34.18	− 0.50	− 3.35	0 49 54.45	47.185	− 3.16	+ 0.9	19 32 30.33	− 2.22	+39 49 38.1	− 8.8
14	B. D. +39°3876	9	38 36.13	− 0.50	− 3.35	0 47 53.98	49.525	− 3.17	+ 0.9	19 38 32.28	− 2.24	+39 48 31.2	− 8.6
15	B. D. +38°3758	9	44 17.91	− 0.19	− 3.35	359 11 54.45	45.468	− 3.19	− 0.7	19 44 14.07	− 2.22	+38 10 57.4	− 8.4
16	B. D. +38°3801	9	49 52.13	− 0.49	− 3.35	359 31 53.70	47.450	− 3.20	− 0.4	19 49 48.29	− 2.24	+38 31 42.2	− 8.2
17	γ Sagittæ	9	54 45.85	− 0.44	− **3.37**	340 15 54.15	45.650	− 3.22	− 19.9	19 54 42.06	.....	+19 14 42.1	....
18	B. D. +39°4007	9	58 21.58	− 0.49	− 3.35	1 3 54.38	44.852	− 3.23	+ 1.1	19 58 17.74	− 2.27	+40 2 45.0	− 7.8
19	B. D. +39°4054	9	5 38.52	− 0.49	− 3.35	0 31 54.12	47.848	− 3.24	+ 0.6	20 5 34.68	− 2.27	+39 31 52.7	− 7.6
20	B. D. +38°3963	9	10 42.05	− 0.49	− 3.35	359 53 53.80	45.308	− 3.25	0.0	20 10 38.21	− 2.27	+38 52 53.7	− 7.4
21	β Capricorni	9	15 56.69	− 0.47	− **3.32**	305 57 51.52	45.952	− 3.27	−1 16.5	20 15 52.87	.....	−15 4 10.3	....
22	π Capricorni	9	22 9.57	− 0.48	− **3.42**	302 32	......	....	.....	20 22 5.74	.....	−18 30	....
23	ρ Capricorni	9	23 42.92	− 0.48	− **3.29**	302 55 50.98	44.428	− 3.29	−1 25.7	20 23 39.09	.....	−18 6 54.8	....
	July 29, Fk.												
24	β Aquarii	9	26 48.94	− 0.44	− **3.40**	315 2	......	....	.....	21 26 45.16	.....	− 5 58	....
25	θ Pegasi	9	5 39.30	− 0.42	− **3.31**	326 46	......	....	.....	22 5 35.54	.....	+ 5 44	....
26	π Aquarii	9	20 40.42	− 0.43	− **3.33**	321 56	......	....	.....	22 20 36.65	.....	+ 0 54	....
27	σ Aquarii	9	25 52.54	− 0.46	− **3.32**	309 52	......	....	.....	22 25 48.74	.....	−11 8	....
28	η Aquarii	9	30 43.49	− 0.43	− **3.39**	320 26	......	....	.....	22 30 39.72	.....	− 0 35	....
29	ζ Pegasi	9	36 58.04	− 0.42	− **3.31**	331 22	......	....	.....	22 36 54.28	.....	+10 21	....
30	η Pegasi	9	38 47.07	− 0.44	− **3.33**	350 44	......	....	.....	22 38 43.29	.....	+29 44	....
31	λ Pegasi	9	42 11.59	− 0.42	− **3.33**	344 4	......	....	.....	22 42 7.83	.....	+23 4	....
	July 30, Fk.												
32	Sun I, S.	9	36 55.19	− 0.45	− 3.35	339 15 55.62	45.730	− 3.44	− 20.6	8 36 51.39	+66.77	+18 14 44.4	....
33	Sun II, N.	9	39 8.72	− 0.45	− 3.35	339 47 55.02	44.478	− 3.44	− 20.1	8 39 4.92	−66.76	+18 46 15.8	....
34	ν Ophiuchi	9	54 3.47	− 0.50	− **3.33**	311 15 52.08	46.638	− 3.71	−1 2.7	17 53 59.60	.....	− 9 45 40.6	....
35	o Herculis	9	4 2.87	− 0.49	− **3.30**	349 45 54.85	46.512	− 3.71	− 9.9	18 3 59.01	.....	+28 45 12.0	....
	July 30, P.												
36	2 Lacertæ	9	17 19.68	− 0.52	− 3.39	7 5 55.10	43.742	− 3.24	+ 7.0	22 17 15.77	− 2.34	+46 4 26.2	− 1.5
37	σ Aquarii	9	25 52.64	− 0.48	− **3.38**	309 53 51.75	44.060	− 3.24	−1 6.1	22 25 48.77	.....	−11 8 42.8	....
38	η Aquarii	9	30 43.58	− 0.45	− **3.44**	320 25 52.22	46.853	− 3.24	− 45.6	22 30 39.74	.....	− 0 35 18.2	....
39	ζ Pegasi	9	36 58.13	− 0.44	− **3.36**	331 23 52.78	42.268	− 3.24	− 30.1	22 36 54.30	.....	+10 21 13.2	....
40	λ Pegasi	9	42 11.68	− 0.44	− **3.38**	344 5 54.82	46.290	− 3.24	− 15.7	22 42 7.85	.....	+23 5 1.5	....
41	δ Aquarii	9	49 51.95	− 0.49	− **3.40**	304 43 51.48	45.602	− 3.24	−1 19.5	22 49 48.07	.....	−16 18 21.2	....
42	3 Andromedæ	9	0 9.29	− 0.55	− 3.39	10 33 52.20	45.505	− 3.24	+ 10.4	23 0 5.35	− 2.30	+49 33 6.9	+ 1.2
43	γ Piscium	9	12 29.46	− 0.44	− **3.44**	323 47 52.58	47.340	− 3.24	− 40.4	23 12 25.63	.....	+ 2 46 58.6	....
44	θ Piscium	9	23 23.62	− 0.44	− **3.40**	326 53 51.12	46.210	− 3.24	− 36.0	23 23 19.79	.....	+ 5 52 35.7	....
	August 1, Fk.												
45	Sun I, S.	9	44 42.86	− 0.42	− 3.39	338 45 54.20	46.760	− 3.50	− 21.1	8 44 39.05	+66.53	+17 45 6.0	....
46	Sun II, N.	9	46 55.91	− 0.42	− 3.39	339 17 54.20	45.472	− 3.50	− 20.5	8 46 52.10	−66.52	+18 16 37.2	....
47	ν Ophiuchi	9	54 3.44	− 0.46	− **3.34**	311 15 51.52	46.628	− 3.65	−1 2.3	17 53 59.59	.....	− 9 45 41.0	....
48	o Herculis	9	4 2.93	− 0.44	− **3.42**	349 45 54.02	46.548	− 3.65	− 9.8	18 3 59.10	.....	+28 45 12.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 18 36	......	....	72.9
19 5	30.00	73.2	72.0
19 25	30.00	73.0	71.8
19 48	......	....	71.0
20 2	......	....	70.5
20 25	29.995	71.5	70.0
30 8 39	29.98	80.9	79.5
17 50	29.895	74.1	73.1
18 13	......	....	73.2
22 15	29.85	72.0	71.0
22 44	......	....	71.0
22 55	29.83	72.0	70.9
23 20	......	....	71.0
23 32	29.83	72.0	71.0
1 8 47	29.69	77.9	78.0
17 51	29.725	74.3	73.8

Micrometer bisections are made at II, VI, except as noted below.

6.	Bisections at b_3, b_5, b_7, b_9.
7, 21.	Bisections at II, VI, VII.
32, 45.	Bisections at I, II.
33, 46.	Bisections at VI, VII.
38.	Bisections at V, VI, VII.

Notes.

1.	Follows α Lyræ 1s.3 and is 50″ south.
1, 8, 11, 16, 20.	Observed head south.
4, 13, 14.	Observed head north.
21.	Clouds; unsteady.
25.	Haze.
29–31, 38, 39, 41, 44.	Clouds.
47, 48.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
7	+ 0.4	.. ....	...	+ 0.4
32	+ 3.0	+15 45.7	...	+15 48.7
33	+ 3.0	−15 45.7	...	−15 42.7
45	+ 3.1	+15 45.5	...	+15 48.6
46	+ 3.0	−15 45.6	...	−15 42.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+38°3109	9	9 37.81	− 0.48	− 3.39	359 35 53.20	44.665	− 3.65	− 0.3	18 9 33.94	− 1.92	+38 34 37.7	−11.7
2	B. D.+35°3205	9	14 14.78	− 0.46	− 3.39	356 21 53.85	44.112	− 3.65	− 3.4	18 14 10.93	− 1.91	+35 20 22.7	−11.3
3	B. D.+38°3150	9	18 39.86	− 0.47	− 3.39	359 17 54.08	47.898	− 3.65	− 0.6	18 18 36.00	− 1.96	+38 17 52.2	−11.5
4	B. D.+36°3130	9	23 33.68	− 0.46	− 3.39	357 7 54.52	45.090	− 3.65	− 2.7	18 23 29.83	− 1.96	+36 6 46.4	−11.2
5	B. D.+39°3445	9	28 33.19	− 0.48	− 3.39	0 49 53.80	47.555	− 3.65	+ 0.9	18 28 29.32	− 2.01	+39 49 45.6	−11.4
6	Anonymous	9	33 56.61	− 0.48	− 3.39	359 41 53.58	46.195	− 3.65	− 0.2	18 33 52.74	− 2.02	+38 41 13.2	−11.2
7	B. D.+36°3239	9	39 12.70	− 0.47	− 3.39	357 27 53.98	48.052	− 3.65	− 2.4	18 39 8.84	− 2.02	+36 27 53.8	−10.8
8	B. D.+39°3551	9	47 41.42	− 0.48	− 3.39	0 13 53.58	48.448	− 3.65	+ 0.3	18 47 37.55	− 2.08	+39 14 5.1	−10.8
9	ε Aquilæ	9	55 32.58	− 0.42	− **3.35**	335 57 52.42	46.080	− 3.65	− 24.4	18 55 28.77	.....	+14 56 45.3	....
10	Uranus C, C	9	0 47.13	− 0.51	− 3.39	297 53 51.22	45.809	− 3.65	−1 43.2	19 0 43.23	.....	−23 8 40.8	....
11	B. D.+38°3462	9	7 23.53	− 0.47	− 3.39	359 25 53.75	45.140	− 3.65	− 0.5	19 7 19.67	− 2.13	+38 24 48.9	−10.2
12	d Sagittarii	9	12 21.32	− 0.49	− **3.41**	301 55 52.60	44.440	− 3.65	−1 27.9	19 12 17.44	.....	−19 6 55.5	....
13	B. D.+39°3731	9	17 26.79	− 0.48	− 3.39	0 45 53.75	46.672	− 3.65	+ 0.8	19 17 22.92	− 2.18	+39 45 25.2	−10.0
14	B. D.+36°3550	9	22 8.35	− 0.47	− 3.39	358 3 53.70	48.298	− 3.65	− 1.8	19 22 4.49	− 2.16	+37 3 59.7	− 9.8
15	B. D.+35°3658	9	27 33.10	− 0.46	− 3.39	357 1 54.88	49.028	− 3.65	− 2.8	19 27 29.25	− 2.16	+36 2 16.6	− 9.6
16	B. D.+39°3831	9	32 34.16	− 0.48	− 3.39	0 49 53.88	47.228	− 3.65	+ 0.9	19 32 30.29	− 2.22	+39 49 38.2	− 9.5
17	B. D.+39°3876	9	38 36.14	− 0.48	− 3.39	0 47 53.85	49.530	− 3.65	+ 0.9	19 38 32.27	− 2.23	+39 48 30.7	− 9.3
18	B. D.+38°3758	9	44 17.96	− 0.47	− 3.39	359 11 53.90	45.510	− 3.65	− 0.7	19 44 14.10	− 2.22	+38 10 57.3	− 9.1
19	B. D.+38°3801	9	49 52.07	− 0.48	− 3.39	359 31 53.85	47.515	− 3.65	− 0.4	19 49 48.20	− 2.24	+38 31 43.4	− 8.9
20	γ Sagittæ	9	54 45.84	− 0.43	− **3.36**	340 15 52.88	45.720	− 3.65	− 19.8	19 54 42.02	.....	+19 14 42.1	....
21	B. D.+39°4007	9	58 21.54	− 0.48	− 3.39	1 3 54.95	44.970	− 3.65	+ 1.1	19 58 17.67	− 2.28	+40 2 47.8	− 8.6
22	B. D.+39°4054	9	5 38.44	− 0.48	− 3.39	0 31 54.12	47.912	− 3.65	+ 0.6	20 5 34.57	− 2.28	+39 31 53.7	− 8.4
23	B. D.+38°3963	9	10 42.01	− 0.48	− 3.39	359 53 53.20	45.412	− 3.65	0.0	20 10 38.14	− 2.28	+38 52 55.1	− 8.2
24	β Capricorni	9	15 56.79	− 0.47	− **3.40**	305 57 53.22	45.838	− 3.65	−1 16.0	20 15 52.93	.....	−15 4 11.0	....
25	π Capricorni	9	22 9.61	− 0.49	− **3.43**	302 31 54.22	44.990	− 3.65	−1 26.5	20 22 5.73	.....	−18 30 39.9	....
	August 2, P.												
26	2 Lacertæ	9	17 19.86	− 0.48	− 3.49	7 5 53.15	43.878	− 2.86	+ 6.9	22 17 15.89	− 2.39	+46 4 27.6	− 2.3
27	σ Aquarii	9	25 52.79	− 0.44	− **3.51**	309 53 51.78	44.068	− 2.88	−1 6.0	22 25 48.86	.....	−11 8 42.1	....
28	η Aquarii	9	30 43.67	− 0.41	− **3.51**	320 25 52.15	46.835	− 2.90	− 45.6	22 30 39.77	.....	− 0 35 18.2	....
29	ζ Pegasi	9	36 58.28	− 0.40	− **3.49**	331 23 52.28	42.320	− 2.92	− 30.1	22 36 54.39	.....	+10 21 14.2	....
30	λ Pegasi	9	42 11.79	− 0.40	− **3.47**	344 5 54.60	46.322	− 2.94	− 15.7	22 42 7.90	.....	+23 5 2.4	....
31	δ Aquarii	9	49 52.12	− 0.45	− **3.54**	304 43 52.05	45.582	− 2.96	−1 19.5	22 49 48.18	.....	−16 18 20.9	....
32	3 Andromedæ	9	0 9.39	− 0.51	− 3.49	10 33 54.02	45.462	− 3.00	+ 10.4	23 0 5.39	− 2.37	+49 33 8.0	+ 0.4
33	γ Piscium	6	12 29.50	− 0.40	− **3.46**	323 47 52.58	47.340	− 3.04	− 40.4	23 12 25.61	.....	+ 2 46 58.7	....
34	249 B. Ursæ Majoris s. P.	9	17 25.05	+ 0.69	− 3.49	76 7 53.20	43.480	− 3.06	+3 41.3	11 17 22.25	.....	+64 50 7.0	....
35	θ Piscium	9	23 23.72	− 0.40	− **3.47**	326 53 51.95	46.198	− 3.08	− 36.0	23 23 19.83	.....	+ 5 52 36.5	....
36	14 Piscium	9	29 30.90	− 0.41	− 3.49	319 15 51.85	47.415	− 3.10	− 47.6	23 29 27.00	− 1.77	− 1 45 7.4	−11.0
37	κ Andromedæ	9	35 58.45	− 0.47	− 3.49	4 49 52.92	46.740	− 3.12	+ 4.8	23 35 54.49	− 2.08	+43 49 30.5	+ 0.7
38	19 Piscium	9	41 46.98	− 0.40	− 3.49	323 59 53.25	46.828	− 3.14	− 40.2	23 41 43.09	− 1.72	+ 2 58 47.9	− 9.9
39	ω Piscium	9	54 40.73	− 0.40	− **3.45**	327 21 52.70	48.338	− 3.18	− 35.4	23 54 36.84	.....	+ 6 21 26.6	....
40	β Cassiopeiæ	9	4 22.30	− 0.61	− 3.49	19 39 54.38	43.370	− 3.21	+ 19.9	0 4 18.20	.....	+58 38 29.8	....
41	6 B. Ursæ Minoris s. P.	9	13 54.11	+ 9.38	− 3.49	52 47 51.60	43.131	− 3.24	+1 13.2	12 14 0.00	.....	+88 12 44.2	....
42	43 H. Cephei	9	56 18.17	− 3.99	− 3.49	46 45 52.22	44.811	− 3.30	+ 59.2	0 56 10.69	.....	+85 45 39.8	....
43	Venus II, N	9	25 57.52	− 0.43	− 3.46	338 19 54.92	47.198	− 3.77	− 21.6	6 25 53.63	− 1.52	+17 19 15.9	....
44	Mercury II, C	9	44 25.47	− 0.43	− 3.46	342 15 53.98	47.338	− 3.40	− 17.3	7 44 21.58	− 0.22	+21 15 22.9	....
	August 3, P.												
45	Sun I, S	9	52 27.89	− 0.44	− 3.46	338 15 55.25	44.490	− 3.64	− 21.5	8 52 23.99	+66.47	+17 14 14.6	....
46	Sun II, N	9	54 40.84	− 0.44	− 3.46	338 47 55.00	43.330	− 3.64	− 20.9	8 54 36.94	−66.48	+17 45 48.5	....
47	Moon I, N	9	34 25.27	− 0.47	− 3.47	315 57 52.85	43.403	− 3.08	− 51.8	13 34 21.33	+62.57	− 5 4 42.2	....
48	ν Ophiuchi	9	54 3.52	− 0.45	− **3.45**	311 15 50.98	46.618	− 2.75	−1 2.2	17 53 59.63	.....	− 9 45 40.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
1 18 13	......	....	73.3
18 45	......	....	73.1
18 52	29.74	73.4	73.1
19 25	29.74	72.6	71.9
19 41	......	....	71.7
20 2	......	....	70.7
20 32	29.76	70.3	68.2
2 22 15	29.83	72.5	71.6
22 33	......	....	71.2
22 55	29.83	72.0	71.0
23 11	......	....	70.3
23 40	29.83	71.0	70.0
0 10	......	....	69.1
0 20	29.825	70.2	69.0
1 1	29.82	69.5	68.2
6 24	29.91	79.0	79.0
7 45	29.94	82.0	82.5
3 8 55	29.94	83.7	84.8
13 36	29.90	88.0	88.0
17 52	29.90	79.2	78.0

Micrometer bisections are made at II, VI, except as noted below.

10, 43, 44. Bisections at I, II, VI, VII.
31, 38. Bisections at II, VI, VII.
33, 46. Bisections at VI, VII.
34. Bisections at III, IV, V.
41, 42. Bisections at b_1, b_3, b_5, b_7, b_9.
45. Bisections at I, II.
47. Bisections at II, III, IV, V, VI.

Notes.

1-25. Conditions poor; unsteady.
1-3, 7, 15, 18. Observed head south.
5, 13, 21, 22. Observed head north.
6. Follows α Lyrae 1s.3 and is 50″ south.
27. Unsteady.
31, 33. Clouds.
34. Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+ 0.4	......	...	+ 0.4
43	+ 8.3	− 21.7	...	− 13.4
44	+ 2.4	......	+0.1	+ 2.5
45	+ 3.2	+15 46.9	...	+15 50.1
46	+ 3.1	−15 46.9	...	−15 43.8
47	+38 14.6	−15 6.0	...	+23 8.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*o* Herculis	9	4 2.99	− 0.46	− **3.49**	349 45 51.30	46.672	− 2.75	− 9.8	18 3 59.09	.....	+28 45 13.1	....
2	B. D.+38°3109	9	9 37.92	− 0.50	− 3.44	359 35 50.90	44.742	− 2.75	− 0.3	18 9 33.98	− 1.90	+38 34 38.1	−12.1
3	B. D.+35°3205	9	14 14.88	− 0.48	− 3.44	356 21 50.55	44.235	− 2.75	− 3.4	18 14 10.96	− 1.90	+35 20 23.1	−11.7
4	B. D.+38°3150	9	18 40.02	− 0.50	− 3.44	359 17 52.20	47.950	− 2.75	− 0.6	18 18 36.08	− 1.94	+38 17 52.4	−11.9
5	B. D.+36°3130	9	23 33.74	− 0.48	− 3.44	357 7 50.22	45.282	− 2.75	− 2.7	18 23 29.82	− 1.94	+36 6 47.4	−11.6
6	B. D.+39°3445	9	28 33.25	− 0.50	− 3.44	0 49 50.90	47.710	− 2.75	+ 0.9	18 28 29.31	− 1.99	+39 49 47.1	−11.8
7	Anonymous	9	33 56.70	− 0.50	− 3.44	359 41 49.45	46.382	− 2.75	− 0.2	18 33 52.76	− 2.00	+38 41 14.2	−11.6
8	B. D.+36°3239	9	39 12.83	− 0.48	− 3.44	357 27 51.58	48.122	− 2.75	− 2.4	18 39 8.91	− 2.00	+36 27 53.9	−11.3
9	B. D.+35°3361	9	43 57.97	− 0.48	− 3.44	356 47 51.32	45.018	− 2.75	− 3.0	18 43 54.05	− 2.01	+35 46 42.1	−11.2
10	B. D.+39°3551	9	47 41.49	− 0.50	− 3.44	0 13 50.72	48.535	− 2.75	+ 0.3	18 47 37.55	− 2.06	+39 14 5.2	−11.3
11	*ε* Aquilæ	9	55 32.70	− 0.42	− **3.48**	335 57 53.78	46.025	− 2.75	− 24.4	18 55 28.84	.....	+14 56 46.3	....
12	Uranus C, C	9	0 29.26	− 0.48	− 3.44	297 53 48.75	44.755	− 2.75	−1 43.1	19 0 25.34	.....	−23 9 6.4	....
13	B. D.+38°3462	9	7 23.62	− 0.49	− 3.44	359 25 50.58	45.315	− 2.75	− 0.5	19 7 19.69	− 2.12	+38 24 50.6	−10.8
14	*d* Sagittarii	9	12 21.39	− 0.46	− **3.51**	301 55 49.92	44.518	− 2.75	−1 27.7	19 12 17.49	.....	−19 6 55.2	....
15	B. D.+39°3731	9	17 26.89	− 0.49	− 3.44	0 45 51.72	46.768	− 2.75	+ 0.8	19 17 22.96	− 2.17	+39 45 26.3	−10.5
16	B. D.+36°3550	9	22 8.52	− 0.48	− 3.44	358 3 50.90	48.452	− 2.75	− 1.8	19 22 4.60	− 2.15	+37 4 1.3	−10.3
17	B. D.+35°3658	9	27 33.25	− 0.47	− 3.44	357 1 51.50	49.148	− 2.75	− 2.8	19 27 29.34	− 2.15	+36 2 16.9	−10.1
18	B. D.+39°3831	9	32 34.30	− 0.49	− 3.44	0 49 50.20	47.368	− 2.75	+ 0.9	19 32 30.37	− 2.22	+39 49 38.6	−10.0
19	B. D.+39°3876	9	38 36.21	− 0.49	− 3.44	0 47 49.85	49.708	− 2.75	+ 0.9	19 38 32.28	− 2.23	+39 48 31.7	− 9.8
20	B. D.+38°3758	9	44 17.96	− 0.48	− 3.44	359 11 50.15	45.662	− 2.75	− 0.7	19 44 14.04	− 2.22	+38 10 58.0	− 9.6
21	B. D.+38°3801	9	49 52.21	− 0.48	− 3.44	359 31 50.20	47.680	− 2.75	− 0.4	19 49 48.29	− 2.24	+38 31 44.4	− 9.5
22	*γ* Sagittæ	9	54 45.95	− 0.42	− **3.48**	340 15 50.52	45.810	− 2.75	− 19.7	19 54 42.09	.....	+19 14 42.8	....
23	B. D.+39°4007	9	58 21.59	− 0.49	− 3.44	1 3 49.12	45.178	− 2.75	+ 1.1	19 58 17.66	− 2.28	+40 2 47.6	− 9.2
24	B. D.+39°4054	9	5 38.54	− 0.48	− 3.44	0 31 51.10	48.065	− 2.75	+ 0.6	20 5 34.62	− 2.28	+39 31 55.1	− 8.9
25	B. D.+38°3963	9	10 42.09	− 0.48	− 3.44	359 53 50.02	45.570	− 2.75	0.0	20 10 38.17	− 2.28	+38 52 56.4	− 8.8
26	*β* Capricorni	9	15 56.82	− 0.44	− **3.44**	305 57 50.48	45.908	− 2.75	−1 15.6	20 15 52.94	.....	−15 4 10.8	....
27	*π* Capricorni	9	22 9.63	− 0.45	− **3.47**	302 31 50.35	45.110	− 2.75	−1 25.9	20 22 5.74	.....	−18 30 39.5	....
	August 3, Fk.												
28	*β* Aquarii	8	26 49.03	− 0.46	− **3.39**	315 2	......	....	.....	21 26 45.15	.....	− 5 58	....
29	*θ* Pegasi	9	5 39.43	− 0.45	− **3.34**	326 46	......	....	.....	22 5 35.56	.....	+ 5 44	....
30	*π* Aquarii	9	20 40.62	− 0.45	− **3.42**	321 56	......	....	.....	22 20 36.75	.....	+ 0 54	....
31	*η* Aquarii	9	30 43.59	− 0.45	− **3.38**	320 26	......	....	.....	22 30 39.72	.....	− 0 35	....
32	*ζ* Pegasi	9	36 58.23	− 0.45	− **3.38**	331 22	......	....	.....	22 36 54.36	.....	+10 21	....
33	ι^1 Aquarii	9	39 31.52	− 0.49	− **3.35**	302 14	......	....	.....	23 39 27.61	.....	−18 47	....
34	*ω* Piscium	9	54 40.79	− 0.44	− **3.44**	327 22	......	....	.....	23 54 36.93	.....	+ 6 21	....
35	Venus II, N	9	27 3.10	− 0.40	− 3.44	338 21 52.75	47.347	− 2.55	− 21.3	6 26 59.26	− 1.49	+17 21 18.6	....
36	Mercury II, C	9	51 41.19	− 0.40	− 3.44	342 9 52.92	47.640	− 2.55	− 17.2	7 51 37.35	− 0.22	+21 9 29.7	....
	August 4, Fk.												
37	Sun I, N	9	56 19.36	− 0.41	− 3.44	338 31 54.82	43.725	− 2.75	− 21.0	8 56 15.51	+66.38	+17 29 58.1	....
38	Sun II, S	9	58 32.12	− 0.41	− 3.44	337 59 54.32	44.835	− 2.75	− 21.6	8 58 28.27	−66.38	+16 58 22.4	....
39	Moon I, N	9	22 16.36	− 0.45	− 3.45	310 59 42.70	42.953	− 1.83	−1 1.1	14 22 12.46	+64.16	−10 3 10.7	....
40	*ν* Ophiuchi	9	54 3.53	− 0.44	− **3.48**	311 16	......	....	.....	17 53 59.63	.....	− 9 45	....
41	*o* Herculis	9	4 2.96	− 0.48	− **3.45**	349 46	......	....	.....	18 3 59.02	.....	+28 45	....
42	B. D.+38°3109	9	9 37.88	− 0.53	− 3.46	359 35 53.12	44.630	− 1.28	− 0.3	18 9 33.89	− 1.89	+38 34 39.2	−12.4
43	B. D.+38°3150	9	18 39.99	− 0.53	− 3.46	359 17 54.15	47.850	− 1.31	− 0.6	18 18 36.00	− 1.93	+38 17 53.5	−12.2
44	B. D.+36°3130	9	23 33.75	− 0.52	− 3.46	357 7 53.58	45.055	− 1.32	− 2.7	18 23 29.77	− 1.93	+36 6 47.0	−11.9
45	B. D.+39°3445	9	28 33.24	− 0.54	− 3.46	0 49 53.20	47.515	− 1.34	+ 0.9	18 28 29.24	− 1.98	+39 49 46.3	−12.1
46	Anonymous	9	33 56.68	− 0.53	− 3.46	359 41 53.62	46.140	− 1.35	− 0.2	18 33 52.69	− 2.00	+38 41 14.3	−11.9
47	B. D.+36°3239	9	39 12.73	− 0.52	− 3.46	357 27 53.75	48.018	− 1.37	− 2.3	18 39 8.75	− 2.00	+36 27 55.2	−11.6
48	B. D.+35°3361	9	43 57.93	− 0.52	− 3.46	356 47 53.62	44.892	− 1.39	− 3.0	18 43 53.95	− 2.01	+35 46 42.9	−11.4
49	*ε* Aquilæ	9	55 32.68	− 0.45	− **3.44**	335 58	......	....	.....	18 55 28.77	.....	+15 46	....
50	B. D.+38°3462	9	7 23.71	− 0.53	− 3.46	359 25 53.20	45.108	− 1.45	− 0.5	19 7 19.72	− 2.12	+38 24 49.8	−11.0
51	*d* Sagittarii	9	12 21.30	− 0.46	− **3.42**	301 56	......	....	.....	19 12 17.38	.....	−19 6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 18 8	......	....	77.1
18 36	......	....	77.0
18 51	29.90	78.0	76.2
19 4	......	....	76.0
19 25	29.90	77.0	75.8
19 47	......	....	75.2
20 2	......	....	75.0
20 24	29.90	76.1	75.0
6 27	29.90	83.8	84.8
7 54	29.90	87.2	87.9
4 8 59	29.89	88.3	89.9
14 25	29.795	90.4	90.7
17 52	29.79	83.2	82.2
18 12	......	....	81.9
18 37	......	....	81.6
18 48	29.78	82.6	81.8
19 4	29.78	82.7	81.8

Micrometer bisections are made at II, VI, except as noted below.

12, 36. Bisections at I, II, VI, VII.
35. Bisections at II, VI, VII.
37. Bisections at I, II.
38. Bisections at VI, VII.
39. Bisections at II, III, IV, V, VI.

Notes.

2–4, 8, 9, 17, 20, 44, 46, 50. Observed head south.
6, 15, 23, 24. Observed head north.
7, 46. Follows *α* Lyræ $1^{s}.3$ and is 50″ south.
35, 36. Degrees and minutes of circle reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
12	+ 0.4	.. ....	...	+ 0.4
35	+ 8.0	− 21.3	...	− 13.3
36	+ 2.4	.. ....	+0.2	+ 2.6
37	+ 3.1	−15 47.8	...	−15 44.7
38	+ 3.2	+15 47.8	...	+15 51.0
39	+42 5.2	−15 17.6	...	+26 47.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+39°3731	9	17 26.88	− 0.54	− 3.46	0 45 53.32	46.630	− 1.49	+ 0.8	19 17 22.88	− 2.17	+39 45 26.0	−10.8
2	B. D.+36°3550	9	22 8.48	− 0.52	− 3.46	358 3 52.95	48.208	− 1.50	− 1.8	19 22 4.50	− 2.15	+37 3 59.1	−10.6
3	B. D.+35°3658	9	27 33.20	− 0.52	− 3.46	357 1 53.58	49.058	− 1.51	− 2.7	19 27 29.22	− 2.15	+36 2 18.2	−10.4
4	B. D.+39°3831	9	32 34.24	− 0.54	− 3.46	0 49 52.82	47.238	− 1.53	+ 0.9	19 32 30.24	− 2.21	+39 49 39.5	−10.3
5	B. D.+39°3876	9	38 36.22	− 0.54	− 3.46	0 47 53.35	49.530	− 1.55	+ 0.8	19 38 32.22	− 2.23	+39 48 32.2	−10.1
6	B. D.+38°3758	9	44 18.03	− 0.53	− 3.46	359 11 52.98	45.525	− 1.56	− 0.7	19 44 14.04	− 2.22	+38 10 58.8	− 9.9
7	B. D.+38°3801	9	49 52.21	− 0.53	− 3.46	359 31 53.58	47.468	− 1.57	− 0.4	19 49 48.22	− 2.24	+38 31 44.1	− 9.8
8	γ Sagittæ	9	54 45.95	− 0.45	− **3.45**	340 16	......	....	.....	19 54 42.04	.....	+19 14	....
9	B. D.+39°4007	9	58 21.67	− 0.54	− 3.46	1 3 51.88	45.005	− 1.60	+ 1.1	19 58 17.67	− 2.28	+40 2 47.6	− 9.5
10	B. D.+39°4054	9	5 38.67	− 0.54	− 3.46	0 31 54.55	47.830	− 1.62	+ 0.6	20 5 34.67	− 2.28	+39 31 54.3	− 9.2
11	B. D.+38°3963	9	10 42.12	− 0.54	− 3.46	359 53 52.10	45.392	− 1.63	0.0	20 10 38.12	− 2.28	+38 52 55.5	− 9.1
12	β Capricorni	9	15 56.78	− 0.45	− **3.39**	305 58	......	....	.....	20 15 52.87	.....	−15 4	....
13	π Capricorni	6	22 9.74	− 0.46	− **3.57**	302 32	......	....	.....	20 22 5.82	.....	−18 30	....
	August 4, P.												
14	σ Aquarii	9	25 52.76	− 0.42	− **3.47**	309 53 48.38	44.072	− 1.42	−1 4.8	22 25 48.86	.....	−11 8 42.8	....
15	η Aquarii	9	30 43.62	− 0.40	− **3.44**	320 25 50.02	46.840	− 1.44	− 44.8	22 30 39.74	.....	− 0 35 18.1	....
16	α Pegasi	9	0 16.53	− 0.40	− **3.53**	335 44	......	....	.....	23 0 12.65	.....	+14 42	....
17	τ Pegasi	9	16 10.78	− 0.42	− **3.51**	344 15 51.30	44.602	− 1.63	− 15.3	23 16 6.88	.....	+23 14 21.4	....
18	υ Pegasi	9	20 52.97	− 0.42	− **3.46**	343 55 51.22	43.698	− 1.65	− 15.6	23 20 49.07	.....	+22 54 0.4	....
19	θ Piscium	9	23 23.74	− 0.40	− **3.45**	326 54	......	....	.....	23 23 19.86	.....	+ 5 52	....
20	14 Piscium	9	29 30.92	− 0.40	− 3.48	319 15 49.48	47.413	− 1.67	− 46.8	23 29 27.04	− 1.81	− 1 45 7.5	−11.3
21	λ Andromedæ	9	33 9.75	− 0.52	− 3.48	6 57 50.10	46.985	− 1.68	+ 6.7	23 33 5.75	.....	+45 57 36.6	....
22	19 Piscium	9	41 47.04	− 0.40	− 3.48	323 59 52.00	46.790	− 1.72	− 39.5	23 41 43.16	− 1.76	+ 2 58 47.9	−10.2
23	φ Pegasi	9	47 54.05	− 0.41	− **3.48**	339 37 51.68	45.742	− 1.74	− 20.2	23 47 50.16	.....	+18 36 42.9	....
24	ω Piscium	9	54 40.86	− 0.40	− **3.53**	327 21 51.02	48.315	− 1.77	− 34.8	23 54 36.98	.....	+ 6 21 26.4	....
25	κ^2 Sculptoris	9	6 59.87	− 0.47	− 3.48	292 45 48.22	42.402	− 1.82	−2 8.8	0 6 55.92	− 1.74	−28 18 25.3	−17.6
26	6 B. Ursæ Minoris S. P.	9	13 52.39	+10.22	− 3.48	52 47 49.20	43.269	− 1.84	+1 11.9	12 13 59.13	.....	+88 12 43.4	....
27	43 H. Cephei	9	56 19.00	− 4.38	− 3.48	46 45 50.65	44.900	− 1.92	+ 58.2	0 56 11.14	.....	+85 45 40.6	....
28	Mercury II, C	9	59 11.98	− 0.46	− 3.47	342 1 51.15	46.720	− 1.94	− 17.4	7 59 8.05	− 0.21	+21 1 7.3	....
	August 5, P.												
29	Sun I, N	9	0 10.54	− 0.45	− 3.47	338 15 53.55	43.410	− 2.09	− 21.3	9 0 6.62	+66.25	+17 13 50.0	....
30	Sun II, S	9	2 23.04	− 0.45	− 3.47	337 43 51.30	44.655	− 2.09	− 21.9	9 2 19.12	−66.25	+16 42 15.7	....
	August 6, P.												
31	Venus II, N	9	31 7.52	− 0.37	− 3.53	338 29 54.00	44.584	− 3.18	− 21.3	6 31 3.62	− 1.43	+17 28 16.2	....
	August 7, P.												
32	Moon I, N	9	6 26.35	− 0.52	− 3.52	299 1 51.22	48.328	− 2.67	−1 38.5	17 6 22.31	+71.93	−21 59 37.6	....
33	α Herculis	9	10 32.61	− 0.44	− **3.48**	335 32	......	....	.....	17 10 28.65	.....	+14 29	....
34	δ Herculis	9	11 20.71	− 0.45	− **3.58**	345 58	......	....	.....	17 11 16.74	.....	+24 57	....
35	δ Ophiuchi	9	22 2.61	− 0.44	− **3.53**	325 13 51.08	48.220	− 2.67	− 38.1	17 21 58.65	.....	+ 4 13 20.1	....
36	α Ophiuchi	9	30 45.42	− 0.44	− **3.50**	333 40	......	....	.....	17 30 41.46	.....	+12 37	....
37	f Draconis	9	32 26.57	− 0.92	− 3.52	29 11 54.50	46.625	− 2.67	+ 30.9	17 32 22.13	− 2.22	+68 11 56.0	−15.8
38	β Ophiuchi	9	39 1.36	− 0.44	− **3.53**	325 37 51.88	45.895	− 2.67	− 37.6	17 38 57.40	.....	+ 4 36 28.3	....
39	μ Herculis	9	42 57.13	− 0.45	− **3.54**	348 47 51.75	45.330	− 2.67	− 10.9	17 42 53.16	.....	+27 46 41.6	....
40	89 Herculis	9	51 48.19	− 0.45	− **3.48**	347 4	......	....	.....	17 51 44.22	.....	+26 4	....
41	72 Ophiuchi	9	3 5.05	− 0.44	− **3.53**	330 33 51.68	47.520	− 2.67	− 31.0	18 3 1.09	.....	+ 9 33 11.8	....
	August 7, Fk.												
42	Venus II, N	9	32 43.68	− 0.39	− 3.53	338 31 54.05	45.862	− 3.27	− 21.6	6 32 39.76	− 1.41	+17 30 45.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
4 19 21	29.785	82.3	81.4
19 48	......	....	81.1
20 1	......	....	80.8
20 25	29.785	81.4	80.3
22 23	29.76	80.1	79.0
22 35	......	....	78.5
23 24	29.75	79.1	78.0
23 50	......	....	77.7
0 13	......	....	77.0
0 20	29.745	78.2	77.0
1 4	29.745	77.2	76.0
8 0	29.755	84.1	84.3
5 9 2	29.75	86.1	85.7
6 6 29	29.664	78.2	78.1
7 17 4	29.640	72.1	71.0
17 17	......	....	70.2
17 40	......	....	70.0
18 0	......	....	70.0
18 6	29.658	71.8	70.0
6 33	29.735	73.3	71.9

Micrometer bisections are made at II, VI, except as noted below.

15, 30, 39.	Bisections at VI, VII.
20, 25.	Bisections at I, II, VI.
26.	Bisections at b_1, b_3, b_5, b_7, b_9.
27.	Bisections at b_1, b_3, b_5, b_9.
28, 31, 42.	Bisections at I, II, VI, VII.
29.	Bisections at I, II.
32.	Bisections at II, III, IV, V, VI.
37.	Bisections at III, V.

Notes.

2, 7, 11.	Observed head south.
4, 5, 9.	Observed head north.
5.	One microscope reading decreased 10″.
10, 11.	Faint.
13, 14, 16, 17, 19, 39–41.	Clouds.
29.	Micrometer reading decreased 1 rev.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
28	+ 2.3	.. ....	+ 0.2	+ 2.5
29	+ 3.2	−15 47.1	...	−15 43.9
30	+ 3.3	+15 47.1	...	+15 50.4
31	+ 7.6	− 20.3	...	− 12.7
32	+51 13.8	−16 3.1	...	+35 10.7
42	+ 7.4	− 20.0	...	− 12.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	August 9, Fk.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	158 H¹. Cephei s. p.	6	32 20.05	+ 3.34	− 3.59	55 49 59.48	47.300	− 4.04	+1 22.1	5 32 19.80	.....	+85 8 53.4	....
2	β Ophiuchi	9	39 1.33	− 0.40	− **3.56**	325 37 54.08	45.852	− 4.11	− 38.0	17 38 57.34	.....	+ 4 36 27.7	....
3	μ Herculis	9	42 57.13	− 0.39	− **3.63**	348 47 56.02	45.182	− 4.13	− 10.9	17 42 53.15	.....	+27 46 41.3	....
4	89 Herculis	9	51 48.18	− 0.39	− **3.55**	347 3 55.32	48.942	− 4.21	− 12.7	17 51 44.20	.....	+26 4 4.7	....
5	102 Herculis	9	4 55.17	− 0.39	− 3.60	341 49 54.20	44.262	− 4.33	− 18.2	18 4 51.18	− 1.75	+20 48 11.0	−10.8
6	υ Draconis	9	55 39.38	− 0.90	− 3.60	32 11 58.22	43.192	− 4.71	+ 35.2	18 55 34.88	− 3.28	+71 10 43.6	−13.1
7	Uranus C, C	9	59 38.48	− 0.52	− 3.60	297 51 55.58	46.745	− 4.71	−1 44.7	18 59 34.36	.....	−23 10 17.6	....
8	δ Draconis	9	12 39.60	− 0.77	− 3.60	28 29 57.30	47.345	− 4.71	+ 30.4	19 12 35.23	.....	+67 30 12.7	....
9	Moon I, S	9	16 28.23	− 0.55	− 3.60	296 23 55.55	48.826	− 4.71	−1 51.4	19 16 24.08	+75.48	−24 37 36.8	....
10	4 Cygni	9	22 56.42	− 0.42	− 3.60	357 9 56.82	43.610	− 4.71	− 2.7	19 22 52.40	− 2.10	+36 8 13.8	−11.9
11	κ Aquilæ	9	32 2.76	− 0.44	− **3.58**	313 47 53.80	46.120	− 4.71	− 57.9	19 31 58.72	.....	− 7 13 46.9	....
12	β Sagittæ	9	37 1.07	− 0.40	− **3.60**	338 17 56.55	43.812	− 4.71	− 22.2	19 36 57.07	.....	+17 15 58.7	....
13	δ Sagittæ	9	43 23.17	− 0.40	− **3.53**	339 19 55.68	45.512	− 4.71	− 21.0	19 43 19.17	.....	+18 18 37.9	....
14	β Aquilæ	9	50 53.74	− 0.41	− **3.55**	327 11 54.98	46.620	− 4.71	− 35.9	19 50 49.73	.....	+ 6 10 47.6	....
15	γ Sagittæ	9	54 46.03	− 0.40	− **3.58**	340 15 56.40	45.692	− 4.71	− 20.0	19 54 42.03	.....	+19 14 43.7	....
16	269 G. Sagittarii	9	58 23.83	− 0.52	− 3.60	298 11 57.75	44.435	− 4.71	−1 43.6	19 58 19.71	− 2.38	−22 51 7.2	− 6.7
17	θ Aquilæ	9	6 39.71	− 0.42	− **3.60**	319 55 53.88	46.370	− 4.71	− 46.9	20 6 35.69	.....	− 1 5 30.2	....
18	κ Cephei	8	12 10.37	− 1.32	− 3.60	38 25 54.08	47.012	− 4.71	+ 44.5	20 12 5.45	.....	+77 26 16.0	....
	August 9, P.												
19	30 H. Camelopardalis s. p.	9	19 49.79	+ 2.26	− 3.62	57 57 54.02	45.332	− 4.64	+1 29.3	10 19 48.43	+ 8.06	+83 1 37.2	− 2.0
20	σ Aquarii	9	25 53.02	− 0.46	− **3.61**	309 53 53.62	44.110	− 4.68	−1 6.7	22 25 48.94	.....	−11 8 41.8	....
21	η Aquarii	9	30 43.99	− 0.43	− **3.70**	320 25 54.60	46.898	− 4.71	− 46.1	22 30 39.94	.....	− 0 35 16.6	....
22	ζ Pegasi	9	36 58.54	− 0.40	− **3.64**	331 23 54.92	42.372	− 4.76	− 30.4	22 36 54.52	.....	+10 21 15.9	....
23	λ Pegasi	9	42 12.06	− 0.39	− **3.64**	344 5 56.42	46.420	− 4.79	− 15.9	22 42 8.05	.....	+23 5 4.4	....
24	δ Aquarii	9	49 52.42	− 0.49	− **3.66**	304 43 53.38	45.665	− 4.84	−1 20.4	22 49 48.31	.....	−16 18 20.4	....
25	γ Piscium	9	12 29.84	− 0.42	− **3.65**	323 47 53.62	47.465	− 4.99	− 40.8	23 12 25.80	.....	+ 2 47 0.4	....
26	249 B. Ursæ Majoris s. p.	9	17 25.28	+ 0.66	− 3.62	76 7 54.58	43.503	− 5.02	+3 43.4	11 17 22.32	.....	+64 50 4.9	....
27	θ Piscium	9	23 24.08	− 0.41	− **3.68**	326 53 53.65	46.292	− 5.07	− 36.4	23 23 20.05	.....	+ 5 52 37.9	....
28	14 Piscium	9	29 31.18	− 0.43	− 3.62	319 15 52.72	47.530	− 5.11	− 48.1	23 29 27.13	− 1.92	− 1 45 6.5	−12.1
29	λ Andromedæ	8	33 9.97	− 0.44	− 3.62	6 57 54.92	46.962	− 5.12	+ 6.9	23 33 5.91	.....	+45 57 37.4	....
30	ω² Aquarii	9	38 3.24	− 0.48	− 3.62	305 59 53.80	43.922	− 5.15	−1 16.8	23 37 59.14	.....	−15 2 56.5	....
31	ω Piscium	9	54 41.04	− 0.41	− **3.59**	327 21 54.28	48.425	− 5.27	− 35.7	23 54 37.00	.....	+ 6 21 27.8	....
32	κ² Sculptoris	9	7 0.31	− 0.58	− 3.63	292 45 52.42	42.567	− 5.36	−2 12.3	0 6 56.10	− 1.87	−28 18 23.4	−17.8
33	6 B. Ursæ Minoris s. p.	9	13 52.50	+ 7.99	− 3.63	52 47 53.68	43.207	− 5.39	+1 13.8	12 13 56.86	.....	+88 12 41.9	....
34	43 H. Cephei	9	56 19.56	− 3.26	− 3.63	46 45 52.40	44.957	− 5.54	+ 59.6	0 56 12.67	.....	+85 45 41.4	....
35	Venus II, N	9	36 17.70	− 0.42	− 3.65	338 37 55.75	43.419	− 5.07	− 21.5	6 36 13.63	− 1.37	+17 35 49.2	....
36	Mercury II, C	9	39 19.13	− 0.41	− 3.65	340 39 55.82	47.785	− 5.07	− 19.1	8 39 15.07	− 0.19	+19 39 31.5	....
	August 10, P.												
37	Sun S	.	.. ..	....	....	336 17 55.85	48.178	− 4.08	− 23.8	9 20	.....	+15 17 36.8	....
38	Sun N	.	.. ..	....	....	336 49 54.75	47.180	− 4.08	− 23.2	.. ..	.....	+15 49 13.5	....
39	ο Herculis	9	4 3.10	− 0.44	− **3.69**	349 45 53.32	46.652	− 2.92	− 9.9	18 3 58.97	.....	+28 45 14.4	....
40	B. D.+38°3109	9	9 37.96	− 0.47	− 3.69	359 35 50.82	44.888	− 2.94	− 0.3	18 9 33.80	− 1.79	+38 34 41.1	−13.6
41	B. D.+35°3205	9	14 14.96	− 0.46	− 3.69	356 21 50.20	44.398	− 2.96	− 3.5	18 14 10.81	− 1.80	+35 20 26.1	−13.2
42	B. D.+38°3150	9	18 40.13	− 0.47	− 3.69	359 17 52.82	48.090	− 2.97	− 0.6	18 18 35.97	− 1.84	+38 17 56.0	−13.5
43	B. D.+36°3130	9	23 33.91	− 0.46	− 3.69	357 7 52.62	45.235	− 2.99	− 2.7	18 23 29.76	− 1.85	+36 6 48.4	−13.2
44	B. D.+39°3445	9	28 33.47	− 0.48	− 3.69	0 49 51.92	47.725	− 3.01	+ 0.9	18 28 29.30	− 1.90	+39 49 48.2	−13.5
45	Anonymous	9	33 56.93	− 0.47	− 3.69	359 41 53.40	46.265	− 3.02	− 0.2	18 33 52.77	− 1.91	+38 41 15.2	−13.3

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
9 17 40	29.685	67.4	65.7
18 0	29.69	67.1	65.2
18 50	29.695	66.6	65.3
19 10	29.695	66.7	65.3
19 30	......	....	65.4
19 49	......	....	64.1
20 11	29.695	65.3	63.7
22 17	29.684	65.2	64.0
22 40	......	....	63.0
22 52	29.678	64.3	63.0
23 10	29.679	64.5	63.1
23 30	......	....	63.0
23 50	......	....	62.9
0 10	......	....	62.8
0 21	29.680	64.1	62.9
1 0	29.684	64.0	62.8
6 34	29.758	72.9	72.0
8 40	29.757	76.0	75.2
10 9 21	29.75	77.6	78.1
18 2	29.772	73.0	73.5
18 8	......	....	72.3
18 13	......	....	72.0

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at III, IV.
6, 8. Bisections at III, V.
7, 35, 36. Bisections at I, II, VI, VII.
9. Bisections at III, IV, V, VI.
18, 19, 26. Bisections at III, IV, V.
28. Bisections at II, VI, VII.
29, 38. Bisections at VI, VII.
32. Bisections at I, II, VI.
33, 34. Bisections at b_1, b_3, b_5, b_7, b_9.
37. Bisections at II, III.

Notes.

18. Revolutions of micrometer reading assumed.
26. Faint; unsteady.
43, 45. Observed head south.
45. Follows α Lyræ 1ˢ.3 and is 50″ south.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
7	+ 0.4	.. ..	...	+ 0.4
9	+54 5.2	+16 32.2	...	+70 37.4
35	+ 7.2	− 19.5	...	− 12.3
36	+ 2.3	.. ..	+ 0.1	+ 2.4
37	+ 3.4	+15 48.3	...	+15 51.7
38	+ 3.4	−15 48.4	...	−15 45.0

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+36°3239	9	39 12.94	− 0.47	− 3.69	357 27 51.42	48.310	− 3.04	− 2.4	18 39 8.78	− 1.92	+36 27 57.8	−13.0
2	B. D.+35°3361	9	43 58.15	− 0.46	− 3.69	356 47 53.25	45.082	− 3.06	− 3.0	18 43 54.00	− 1.94	+35 46 45.2	−12.8
3	B. D.+39°3551	9	47 41.63	− 0.48	− 3.69	0 13 51.85	48.672	− 3.07	+ 0.3	18 47 37.46	− 1.98	+39 14 9.1	−13.1
4	ε Aquilæ	9	55 32.90	− 0.44	− **3.70**	335 57 54.35	46.082	− 3.09	− 24.6	18 55 28.77	.....	+14 56 47.6	....
5	ζ Aquilæ	9	1 17.00	− 0.44	− **3.69**	334 45 54.80	43.540	− 3.11	− 26.0	19 1 12.87	.....	+13 43 48.5	....
6	B. D.+38°3462	9	7 23.78	− 0.48	− 3.69	359 25 52.82	45.250	− 3.12	− 0.5	19 7 19.61	− 2.05	+38 24 51.0	−12.6
7	d Sagittarii	9	12 21.64	− 0.52	− **3.71**	301 55 52.72	44.472	− 3.15	−1 28.4	19 12 17.43	.....	−19 6 54.6	....
8	B. D.+39°3731	9	17 27.10	− 0.48	− 3.69	0 45 52.48	46.805	− 3.17	+ 0.8	19 17 22.93	− 2.11	+39 45 27.5	−12.4
9	B. D.+36°3550	9	22 8.73	− 0.47	− 3.69	358 3 52.90	48.400	− 3.18	− 1.8	19 22 4.57	− 2.10	+37 4 1.7	−12.2
10	B. D.+35°3658	9	27 33.36	− 0.47	− 3.69	357 1 53.50	49.238	− 3.20	− 2.8	19 27 29.20	− 2.10	+36 2 20.5	−12.0
11	B. D.+39°3831	9	32 34.36	− 0.49	− 3.69	0 49 52.75	47.422	− 3.22	+ 0.9	19 32 30.18	− 2.16	+39 49 41.9	−12.0
12	B. D.+39°3876	9	38 36.43	− 0.49	− 3.69	0 47 52.68	49.762	− 3.24	+ 0.9	19 38 32.25	− 2.18	+39 48 35.3	−11.9
13	B. D.+38°3758	9	44 18.20	− 0.48	− 3.69	359 11 52.70	45.745	− 3.26	− 0.7	19 44 14.03	− 2.18	+38 11 1.9	−11.7
14	B. D.+38°3801	9	49 52.36	− 0.48	− 3.69	359 31 53.10	47.625	− 3.28	− 0.4	19 49 48.19	− 2.20	+38 31 45.5	−11.5
15	γ Sagittæ	9	54 46.18	− 0.44	− **3.70**	340 15 55.00	45.710	− 3.29	− 19.8	19 54 42.05	.....	+19 14 44.3	....
16	B. D.+39°4007	9	58 21.91	− 0.49	− 3.69	1 3 53.15	45.085	− 3.31	+ 1.1	19 58 17.73	− 2.25	+40 2 49.0	−11.3
17	B. D.+39°4054	9	5 38.83	− 0.49	− 3.69	0 31 53.10	48.052	− 3.33	+ 0.6	20 5 34.65	− 2.26	+39 31 56.2	−11.0
18	B. D.+38°3963	9	10 42.35	− 0.49	− 3.69	359 53 52.88	45.495	− 3.35	0.0	20 10 38.17	− 2.26	+38 52 57.0	−10.9
19	β Capricorni	9	15 57.11	− 0.50	− **3.64**	305 57 52.60	45.898	− 3.36	−1 16.1	20 15 52.92	.....	−15 4 10.0	....
20	π Capricorni	9	22 9.95	− 0.51	− **3.70**	302 32	......	....	. ....	20 22 5.75	.....	−18 30	....
21	Moon I, S	9	24 7.34	− 0.55	− 3.69	298 1 52.02	45.820	− 3.39	−1 43.5	20 24 3.10	+75.30	−23 0 39.9	....
	August 10, Fk.												
22	β Aquarii	9	26 49.43	− 0.47	− **3.71**	315 2	......	....	. ....	21 26 45.29	.....	− 5 58	....
23	θ Pegasi	9	5 39.86	− 0.44	− **3.69**	326 46	......	....	. ....	22 5 35.75	.....	+ 5 44	....
24	π Aquarii	9	20 41.00	− 0.45	− **3.70**	321 56	......	....	. ....	22 20 36.88	.....	+ 0 54	....
25	η Aquarii	9	30 43.99	− 0.45	− **3.66**	320 26	......	....	. ....	22 30 39.87	.....	− 0 35	....
26	ζ Pegasi	9	36 58.62	− 0.44	− **3.66**	331 22	......	....	. ....	22 36 54.51	.....	+10 21	....
27	ι¹ Aquarii	9	39 31.97	− 0.51	− **3.61**	302 14	......	....	. ....	23 39 27.78	.....	−18 47	....
28	ω Piscium	9	54 41.20	− 0.44	− **3.69**	327 22	......	....	. ....	23 54 37.08	.....	+ 6 21	....
29	Venus II, N	6	38 14.54	− 0.46	− 3.68	338 39 54.90	44.870	− 3.33	− 21.4	6 38 10.40	− 1.35	+17 38 23.1	....
30	Mercury C, C	9	47 37.52	− 0.46	− 3.69	340 15 55.15	47.244	− 3.02	− 19.4	8 47 33.37	− 0.01	+19 15 20.2	....
	August 11, Fk.												
31	Sun I, S	9	23 3.61	− 0.45	− 3.69	336 1 56.00	43.688	− 3.01	− 24.1	9 22 59.47	+65.77	+14 59 55.0	....
32	Sun II, N	9	25 15.14	− 0.45	− 3.69	336 33 48.25	42.998	− 3.01	− 23.5	9 25 11.00	−65.76	+15 31 32.2	....
33	ν Ophiuchi	9	54 3.75	− 0.49	− **3.71**	311 15 52.42	46.590	− 2.50	−1 2.4	17 53 59.56	.....	− 9 45 39.9	....
34	δ Ursæ Minoris	9	2 15.28	− 5.67	− 3.70	47 37 52.05	43.345	−.2.50	+1 0.3	18 2 5.91	.....	+86 37 7.8	....
35	B. D.+38°3109	9	9 38.09	− 0.53	− 3.70	359 35 54.68	44.635	− 2.50	− 0.3	18 9 33.86	− 1.78	+38 34 39.7	−13.8
36	B. D.+35°3205	9	14 14.99	− 0.51	− 3.70	356 21 55.30	44.085	− 2.50	− 3.4	18 14 10.78	− 1.78	+35 20 24.6	−13.3
37	B. D.+38°3150	9	18 40.12	− 0.53	− 3.70	359 17 55.48	47.885	− 2.50	− 0.6	18 18 35.89	− 1.82	+38 17 54.4	−13.6
38	B. D.+36°3130	9	23 33.91	− 0.52	− 3.70	357 7 56.05	45.085	− 2.50	− 2.7	18 23 29.69	− 1.83	+36 6 48.9	−13.3
39	B. D.+39°3445	9	28 33.42	− 0.53	− 3.70	0 49 54.90	47.585	− 2.50	+ 0.9	18 28 29.19	− 1.88	+39 49 48.5	−13.6
40	Anonymous	9	33 56.84	− 0.53	− 3.70	359 41 55.32	46.198	− 2.50	− 0.2	18 33 52.61	− 1.90	+38 41 16.1	−13.4
41	B. D.+36°3239	9	39 12.99	− 0.52	− 3.70	357 27 56.45	48.000	− 2.50	− 2.4	18 39 8.77	− 1.90	+36 27 56.2	−13.1
42	51 H. Cephei s. P.	9	57 23.67	+ 6.66	− 3.70	53 47 53.12	46.333	− 2.50	+1 15.3	6 57 26.63	.....	+87 11 26.8	....
43	B. D.+38°3462	9	7 23.80	− 0.53	− 3.70	359 25 54.52	45.188	− 2.50	− 0.5	19 7 19.57	− 2.04	+38 24 51.9	−12.8
44	d Sagittarii	9	12 21.65	− 0.52	− **3.72**	301 55 54.95	44.310	− 2.50	−1 28.0	19 12 17.43	.....	−19 6 55.0	....
45	B. D.+39°3731	9	17 27.13	− 0.53	− 3.70	0 45 54.80	46.712	− 2.50	+ 0.8	19 17 22.90	− 2.09	+39 45 28.3	−12.6
46	B. D.+36°3550	9	22 8.67	− 0.52	− 3.70	358 3 55.30	48.290	− 2.50	− 1.8	19 22 4.45	− 2.08	+37 4 2.3	−12.4
47	B. D.+35°3658	9	27 33.44	− 0.52	− 3.70	357 1 55.58	49.060	− 2.50	− 2.8	19 27 29.22	− 2.09	+36 2 19.2	−12.2
48	B. D.+39°3831	9	32 34.46	− 0.53	− 3.70	0 49 55.35	47.242	− 2.50	+ 0.9	19 32 30.23	− 2.15	+39 49 41.1	−12.2
49	B. D.+39°3876	9	38 36.44	− 0.53	− 3.70	0 47 55.38	49.545	− 2.50	+ 0.9	19 38 32.21	− 2.17	+39 48 33.8	−12.1
50	B. D.+38°3758	9	44 18.24	− 0.52	− 3.70	359 11 55.15	45.552	− 2.50	− 0.7	19 44 14.02	− 2.17	+38 11 0.7	−11.9
51	B. D.+38°3801	9	49 52.42	− 0.53	− 3.70	359 31 55.02	47.550	− 2.50	− 0.4	19 49 48.19	− 2.19	+38 31 46.5	−11.8

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 18 37	......	....	70.9
18 52	29.768	71.9	70.2
19 5	......	....	70.0
19 25	29.767	71.0	69.9
19 48	......	....	69.3
20 2	......	....	69.1
20 19	......	....	69.0
20 27	29.773	70.2	68.9
6 36	29.825	75.7	75.8
8 46	29.84	80.2	80.2
11 9 25	29.844	81.0	81.0
17 49	29.875	77.1	75.9
18 12	......	....	75.3
18 37	29.875	76.0	74.8
19 11	......	....	74.3
19 25	29.885	75.1	74.0
19 47	......	....	73.4

Micrometer bisections are made at II, VI, except as noted below.

21. Bisections at II, III, IV, V, VI.
29, 32. Bisections at VI, VII.
30. Bisections at I, II, VI, VII.
31. Bisections at I, II.
34, 42. Bisections at III, IV, V.
35. Bisections at IV, V.

Notes.

3, 11, 12, 39, 45.	Observed head north.
6, 9, 14, 18, 35–37, 41, 47, 50.	Observed head south.
14.	Micrometer reading decreased 1 rev.
27.	Clouds; very poor.
28.	Haze.
40.	Follows α Lyræ 1s.3 and is 50″ south.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
21	+53 48.3	+16 41.6	...	+70 29.9
29	+ 7.1	− 19.2	...	− 12.1
30	+ 2.3	.. ....	+0.1	+ 2.4
31	+ 3.5	+15 48.5	...	+15 52.0
32	+ 3.4	−15 48.6	...	−15 45.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	γ Sagittæ	9	54 46.20	− 0.47	− **3.69**	340 16	......	....	.....	19 54 42.03	.....	+19 14	....
2	B. D.+39°4007	9	58 21.87	− 0.53	− 3.70	1 3 55.32	44.965	− 2.50	+ 1.1	19 58 17.64	− 2.24	+40 2 49.2	−11.5
3	B. D.+39°4054	9	5 38.79	− 0.53	− 3.70	0 31 55.45	47.942	− 2.50	+ 0.6	20 5 34.56	− 2.25	+39 31 56.9	−11.3
4	B. D.+38°3963	9	10 42.36	− 0.53	− 3.70	359 53 54.02	45.470	− 2.50	0.0	20 10 38.13	− 2.26	+38 52 58.4	−11.1
5	β Capricorni	9	15 57.16	− 0.50	− **3.69**	305 57 53.18	45.808	− 2.50	−1 15.9	20 15 52.96	.....	−15 4 10.5	....
6	π Capricorni	9	22 9.99	− 0.51	− **3.73**	302 32	......	....	.....	20 22 5.78	.....	−18 30	....
7	ρ Capricorni	9	23 43.43	− 0.51	− **3.69**	302 55 52.92	44.262	− 2.50	−1 25.0	20 23 39.22	.....	−18 6 55.2	....
8	Moon I, S	9	30 24.48	− 0.54	− 3.70	301 23 52.20	44.312	− 2.52	−1 30.1	21 30 20.24	+73.72	−19 38 59.9	....
9	Moon II	9	32 51.94	− 0.54	− 3.70	... .	......	....	.....	21 32 47.70	−73.74	.. ..	....
10	γ Capricorni	9	35 6.29	− 0.51	− **3.69**	303 56	......	....	.....	21 35 2.07	.....	−17 4	....
11	Venus II, N	9	40 18.01	− 0.45	− 3.72	338 41 55.60	46.098	− 2.82	− 21.3	6 40 13.84	− 1.33	+17 40 52.7	....
12	Mercury C, C	8	55 57.45	− 0.42	− 3.72	339 49 54.95	45.420	− 2.61	− 19.8	8 55 53.31	− 0.01	+18 48 38.3	....
	August 12, Fk.												
13	Moon II, N	9	36 5.12	− 0.51	− 3.74	306 43 51.88	41.961	− 1.83	−1 13.5	22 36 0.87	−71.84	−14 19 36.9	....
14	11 G. Sculptoris	9	16 28.04	− 0.54	− 3.74	293 33 54.62	45.295	− 1.94	−2 5.1	23 16 23.76	− 2.19	−27 29 9.4	−16.2
15	υ Pegasi	9	20 53.52	− 0.48	− **3.79**	343 55 54.10	43.655	− 1.94	− 15.8	23 20 49.30	.....	+22 54 1.8	....
16	λ Draconis s. p.	9	25 57.98	+ 0.88	− 3.74	71 7 53.08	45.362	− 1.94	+2 40.0	11 25 55.12	.....	+69 50 24.3	....
17	λ Andromedæ	9	33 10.13	− 0.57	− 3.74	6 57 53.72	46.920	− 1.94	+ 6.8	23 33 5.82	.....	+45 57 38.7	....
18	ω² Aquarii	9	38 3.35	− 0.49	− 3.74	305 59 53.00	43.772	− 1.94	−1 15.5	23 37 59.12	.....	−15 2 56.2	....
19	φ Pegasi	9	47 54.49	− 0.46	− **3.69**	339 37 53.18	45.755	− 1.94	− 20.4	23 47 50.29	.....	+18 36 44.3	....
20	ω Piscium	9	54 41.33	− 0.45	− **3.77**	327 21 52.08	48.360	− 1.94	− 35.2	23 54 37.14	.....	+ 6 21 27.8	....
21	2 Ceti	9	59 7.86	− 0.49	− **3.77**	303 11 52.92	45.038	− 1.94	−1 23.8	23 59 3.63	.....	−17 50 35.7	....
22	318 B. Cephei	9	11 10.16	− 1.48	− 3.74	37 25 54.00	47.095	− 1.94	+ 42.3	0 11 4.94	− 4.94	+76 26 18.3	+ 6.0
23	ρ Andromedæ	9	16 22.64	− 0.51	− 3.74	358 27 54.65	47.218	− 1.94	− 1.4	0 16 18.39	− 2.06	+37 27 38.1	− 2.4
24	12 Ceti	9	25 26.54	− 0.45	− **3.69**	316 33 52.15	46.075	− 1.94	− 52.1	0 25 22.35	.....	− 4 27 41.1	....
25	13 Ceti	9	30 36.69	− 0.45	− 3.74	316 55 52.88	45.985	− 1.94	− 51.4	0 30 32.50	.....	− 4 5 41.7	....
26	β Ceti	9	39 4.34	− 0.48	− **3.77**	302 33 52.32	43.602	− 1.94	−1 26.0	0 39 0.12	.....	−18 29 11.3	....
27	η Cassiopeiæ	9	43 38.92	− 0.68	− 3.74	18 19 54.12	46.425	− 1.94	+ 18.4	0 43 34.50	− 2.48	+57 19 39.3	+ 3.9
28	δ Draconis s, p.	9	51 50.78	+ 0.76	− 3.75	75 1 52.95	43.468	− 1.94	+3 23.8	12 51 47.79	.....	+65 56 23.9	....
29	ε Piscium	9	58 15.84	− 0.43	− **3.73**	328 25 52.35	44.195	− 1.94	− 33.8	0 58 11.66	.....	+ 7 23 54.4	....
30	e Piscium	9	3 43.56	− 0.43	− 3.75	326 11 51.52	44.625	− 1.94	− 36.9	1 3 39.38	− 1.60	+ 5 10 0.4	−10.5
31	ζ¹ Piscium	9	9 1.19	− 0.43	− **3.74**	328 7 52.02	43.288	− 1.94	− 34.3	1 8 57.01	.....	+ 7 5 32.9	....
32	l Ursæ Minoris s. p.	9	18 10.72	+ 3.91	− 3.75	55 45 52.55	43.898	− 1.94	+1 21.1	13 18 10.88	+ 8.22	+85 14 16.9	−12.0
33	Venus II, N	9	42 27.71	− 0.43	− 3.77	338 43 52.08	47.385	− 2.26	− 21.1	6 42 23.51	− 1.31	+17 43 19.4	....
34	Mercury C, C	9	4 17.14	− 0.48	− 3.78	339 19 55.00	47.881	− 1.61	− 20.2	9 4 12.88	− 0.01	+18 19 35.2	....
	August 13, Fk.												
35	Sun I	9	30 36.67	− 0.48	− 3.78	335 42	......	....	.....	9 30 32.41	+65.57	.. ..	....
36	Sun II	9	32 47.81	− 0.48	− 3.78	... .	......	....	.....	9 32 43.55	−65.57	.. ..	....
	August 13, P.												
37	Moon II, N	9	35 49.20	− 0.46	− 3.84	312 21 49.80	46.985	− 1.38	−1 0.2	23 35 44.90	−69.80	− 8 39 30.3	....
38	φ Pegasi	9	47 54.61	− 0.44	− **3.81**	339 37 52.10	45.828	− 1.38	− 20.4	23 47 50.33	.....	+18 36 45.4	....
39	2 Ceti	9	59 7.90	− 0.47	− **3.81**	303 11 49.38	45.180	− 1.38	−1 24.0	23 59 3.59	.....	−17 50 35.6	....
40	α Andromedæ	9	3 44.16	− 0.46	− **3.87**	349 35 49.50	46.408	− 1.38	− 10.1	0 3 39.86	.....	+28 35 6.4	....
41	318 B. Cephei	9	11 10.31	− 1.45	− 3.84	37 25 46.85	47.380	− 1.38	+ 42.4	0 11 5.02	− 4.99	+76 26 18.3	+ 5.7
42	ρ Andromedæ	9	16 22.73	− 0.50	− 3.84	358 27 51.68	47.375	− 1.38	− 1.4	0 16 18.39	− 2.09	+37 27 39.3	− 2.6
43	44 Piscium	9	20 47.32	− 0.44	− **3.89**	322 27 51.62	44.988	− 1.38	− 42.3	0 20 43.04	.....	+ 1 26 3.9	....
44	12 Ceti	9	25 26.73	− 0.44	− **3.87**	316 33 50.42	46.160	− 1.38	− 52.1	0 25 22.45	.....	− 4 27 40.3	....
45	ε Andromedæ	9	33 47.65	− 0.46	− **3.80**	349 49 52.25	45.695	− 1.38	− 9.9	0 33 43.35	.....	+28 48 53.0	....
46	β Ceti	9	39 4.46	− 0.47	− **3.87**	302 33 51.18	43.673	− 1.38	−1 26.2	0 39 0.15	.....	−18 29 10.5	....
47	η Cassiopeiæ	9	43 39.11	− 0.68	− 3.84	18 19 53.12	46.458	− 1.38	+ 18.4	0 43 34.59	− 2.51	+57 19 39.3	+ 3.6

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
11 20 2	......	....	73.0
20 28	29.885	73.7	72.3
21 34	29.774	72.5	71.2
6 38	29.965	77.7	77.8
8 53	29.96	83.6	84.4
12 22 36	29.895	76.6	75.2
23 15	29.89	76.2	75.0
23 32	......	....	74.8
23 46	29.885	75.8	74.4
0 9	......	....	74.0
0 34	29.88	74.7	73.6
1 2	......	....	73.2
1 24	29.88	74.3	73.0
6 41	29.92	81.0	82.1
9 0	29.92	87.3	88.3
13 23 32	29.866	75.2	73.8
23 41	......	....	73.6
23 58	......	....	73.1
0 24	......	....	72.9

Micrometer bisections are made at II, VI, except as noted below.

8, 13, 37. Bisections at II, III, IV, V, VI.
11, 12, 33, 34. Bisections at I, II, VI, VII.
16, 28, 32. Bisections at III, IV, V.
17, 22, 27, 41. Bisections at III, V.
20. Bisection at VI.
46, 47. Bisections at II, VI, VII.

Notes.

3. Observed head north.
10. Faint.
15, 47. Clouds.
16. Clouds; very faint.
32. One microscope reading decreased 10″.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+52 13.6	+16 45.6	...	+68 59.2
11	+ 7.0	− 18.9	...	− 11.9
12	+ 2.3	.. ..	+0.1	+ 2.4
13	+48 55.1	−16 43.6	...	+32 11.5
33	+ 6.8	− 18.6	...	− 11.8
34	+ 2.4	.. ..	0.0	+ 2.4
37	+44 42.4	−16 36.1	...	+28 6.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	μ Andromedæ	9	51 44.87	− 0.50	− 3.84	359 1 52.45	43.262	− 1.38	− 0.9	0 51 40.53	.....	+38 0 6.3	....
2	72 Piscium	9	0 19.81	− 0.44	− 3.84	335 27 50.98	47.480	− 1.38	− 25.2	1 0 15.53	− 1.68	+14 27 17.3	− 7.8
3	β Andromedæ	9	4 40.81	− 0.49	− 3.84	356 9 50.92	43.362	− 1.38	− 3.7	1 4 36.48	.....	+35 8 4.6	....
4	ζ¹ Piscium	9	9 1.27	− 0.43	− **3.79**	328 7 51.55	43.295	− 1.38	− 34.3	1 8 57.00	.....	+ 7 5 33.1	....
5	ξ Andromedæ	9	17 1.49	− 0.54	− 3.84	6 3 50.05	44.930	− 1.38	+ 5.9	1 16 57.11	− 1.95	+45 2 49.0	+ 1.9
6	9 B. Ursæ Minoris s. p.	9	23 48.44	+ 1.04	− 3.84	68 5 51.48	46.678	− 1.38	+2 17.2	13 23 45.64	.....	+72 52 18.0	....
7	υ Andromedæ	9	31 29.76	− 0.52	− 3.84	1 57 50.05	44.935	− 1.38	+ 2.0	1 31 25.40	.....	+40 56 45.3	....
8	ν Piscium	9	36 44.30	− 0.43	− **3.84**	326 3 49.35	43.522	− 1.38	− 37.2	1 36 40.03	.....	+ 5 1 33.2	....
9	ο Piscium	9	40 37.80	− 0.43	− **3.85**	329 43 50.85	44.145	− 1.38	− 32.2	1 40 33.53	.....	+ 8 41 54.0	....
10	54 Ceti	9	46 4.69	− 0.44	− 3.84	331 37 51.08	42.928	− 1.38	− 29.9	1 46 0.41	− 1.45	+10 35 28.7	− 8.3
11	Venus II, N.	9	44 43.64	− 0.42	− 3.84	338 47 52.38	43.134	− 2.21	− 21.0	6 44 39.38	− 1.29	+17 45 42.7	....
	August 14, P												
12	Sun I, N.	9	34 22.41	− 0.47	− 3.84	335 37 52.02	46.745	− 1.47	− 24.3	9 34 18.10	+65.60	+14 37 2.2	....
13	Sun II, S.	9	36 33.61	− 0.47	− 3.84	335 5 55.60	47.625	− 1.47	− 24.9	9 36 29.30	−65.60	+14 5 25.5	....
	August 14, Fk.												
14	Mercury C, C.	9	20 49.87	− 0.43	− 3.87	338 15 55.00	46.482	− 1.83	− 21.5	9 20 45.57	0.00	+17 15 1.7	....
	August 15, Fk.												
15	Sun I, N.	3	38 7.57	− 0.42	− 3.87	335 19 53.45	45.088	− 1.83	− 24.7	9 38 3.28	+65.42	+14 18 25.0	....
16	Sun II, S.	9	40 18.41	− 0.42	− 3.87	334 47 52.52	46.155	− 1.83	− 25.4	9 40 14.12	−65.42	+13 46 48.0	....
17	δ Ursæ Minoris	9	2 14.83	− 5.19	− 3.88	47 35 51.60	48.643	− 2.58	+1 0.2	18 2 5.76	.....	+86 37 8.2	....
18	η Serpentis	9	16 39.13	− 0.44	− **3.92**	318 5 52.20	47.062	− 2.58	− 49.1	18 16 34.81	.....	− 2 55 16.1	....
19	109 Herculis	9	19 52.78	− 0.44	− **3.93**	342 43 51.78	48.698	− 2.58	− 17.0	18 19 48.46	.....	+21 43 52.9	....
20	3 H. Scuti	9	30 18.31	− 0.45	− **3.86**	312 43 52.12	44.478	− 2.58	− 59.3	18 30 13.98	.....	− 8 18 25.4	....
21	4 H. Scuti	9	37 20.52	− 0.45	− **3.83**	311 53 52.20	44.745	− 2.58	−1 1.1	18 37 16.19	.....	− 9 8 21.0	....
22	110 Herculis	9	41 48.32	− 0.44	− **3.92**	341 27 51.75	48.265	− 2.58	− 18.4	18 41 44.00	.....	+20 27 41.6	....
23	51 H. Cephei s. p.	9	57 25.83	+ 6.09	− 3.88	53 47 52.72	46.368	− 2.58	+1 15.2	6 57 28.04	.....	+87 11 26.5	....
24	κ Cygni	9	15 5.34	− 0.60	− 3.88	14 11 55.05	47.985	− 2.58	+ 14.0	19 15 0.86	.....	+53 12 10.8	....
25	186 G. Sagittarii	9	21 14.62	− 0.53	− 3.88	291 7 53.82	45.230	− 2.58	−2 21.0	19 21 10.21	− 2.43	−29 55 28.2	− 2.9
26	8 Cygni	9	28 27.55	− 0.47	− 3.88	355 15 54.35	47.542	− 2.58	− 4.5	19 28 23.20	− 2.05	+34 15 41.5	−12.9
27	β Sagittæ	9	37 1.38	− 0.43	− **3.91**	338 17 53.20	43.875	− 2.58	− 21.9	19 36 57.07	.....	+17 15 59.2	....
28	γ Aquilæ	9	41 59.57	− 0.43	− **3.92**	331 23 51.15	48.362	− 2.58	− 30.0	19 41 55.26	.....	+10 23 31.6	....
29	α Aquilæ	9	46 24.14	− 0.43	− **3.89**	329 39 51.32	43.675	− 2.58	− 32.2	19 46 19.83	.....	+ 8 37 42.5	....
30	β Aquilæ	9	50 54.15	− 0.43	− **3.94**	327 11 51.42	46.690	− 2.58	− 35.4	19 50 49.84	.....	+ 6 10 48.3	....
31	15 Vulpeculæ	9	57 25.13	− 0.45	− 3.88	348 31 53.78	43.892	− 2.58	− 11.1	19 57 20.80	− 2.10	+27 30 10.9	−12.0
32	30 Cygni	9	10 31.29	− 0.54	− 3.88	7 33 52.98	43.820	− 2.58	+ 7.4	20 10 26.87	− 2.36	+46 32 26.9	−12.1
	August 15, P.												
33	20 Ceti	9	48 24.45	− 0.46	− **3.94**	319 23 50.10	44.172	− 2.81	− 47.5	0 48 20.08	.....	− 1 38 22.9	....
34	μ Andromedæ	9	51 44.97	− 0.51	− 3.91	359 1 50.12	43.430	− 2.82	− 0.9	0 51 40.55	.....	+38 0 6.6	....
35	ε Piscium	9	58 16.07	− 0.45	− **3.86**	328 25 49.58	44.405	− 2.88	− 34.1	0 58 11.71	.....	+ 7 23 55.2	....
36	μ Cassiopeiæ	9	2 15.74	− 0.64	− 3.91	15 29 50.32	42.783	− 2.91	+ 15.5	1 2 11.19	.....	+54 28 8.1	....
37	τ Piscium	9	6 41.56	− 0.48	− 3.91	350 37 52.22	43.942	− 2.94	− 9.1	1 6 37.17	− 1.83	+29 36 11.9	− 3.5
38	ζ¹ Piscium	9	9 1.41	− 0.45	− **3.86**	328 7 50.18	43.445	− 2.95	− 34.5	1 8 57.05	.....	+ 7 5 33.4	....
39	υ Piscium	9	14 30.51	− 0.47	− **3.85**	347 47 51.90	46.065	− 2.99	− 12.0	1 14 26.13	.....	+26 46 57.4	....
40	ψ Cassiopeiæ	9	19 33.14	− 0.92	− 3.91	28 39 51.52	44.110	− 3.03	+ 30.5	1 19 28.31	− 3.01	+67 38 54.8	+ 7.3
41	Moon II, N.	9	27 3.36	− 0.46	− 3.91	324 27 50.30	46.420	− 3.08	− 39.7	1 26 58.99	−67.20	+ 3 26 36.1	....
42	π Piscium	9	32 19.13	− 0.45	− **3.93**	332 41 50.72	45.578	− 3.12	− 28.7	1 32 14.77	.....	+11 40 28.2	....
43	φ Persei	9	37 59.87	− 0.59	− 3.91	11 13 50.08	46.578	− 3.16	+ 11.1	1 37 55.37	.....	+50 13 30.1	....
44	ο Piscium	9	40 37.94	− 0.45	− **3.92**	329 43 49.05	44.305	− 3.18	− 32.4	1 40 33.58	.....	+ 8 41 53.8	....
45	α Arietis	9	2 4.94	− 0.46	− **3.89**	344 3 50.12	43.232	− 3.34	− 15.9	2 2 0.56	.....	+23 1 46.7	....
46	ξ¹ Ceti	9	8 13.02	− 0.45	− **3.86**	329 25 48.70	47.570	− 3.38	− 32.9	2 8 8.65	.....	+ 8 25 7.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
13 0 48	29.882	74.0	72.0
1 13	29.880	74.0	72.0
1 27	....	....	71.8
1 48	29.878	73.1	71.4
6 42	29.950	83.1	83.2
14 9 37	29.97	88.2	88.1
9 21	29.963	85.3	85.1
15 9 40	29.97	86.0	85.8
18 11	29.995	79.2	77.8
18 34	....	....	77.5
18 49	29.995	78.6	77.0
19 10	....	....	76.3
19 33	29.985	77.3	75.7
19 54	....	....	75.6
0 47	29.974	73.0	71.7
1 18	....	....	71.0
1 45	29.988	72.0	70.3
1 59	....	....	69.8
2 10	29.992	71.3	68.2

Micrometer bisections are made at II, VI, except as noted below.

1, 13, 16, 37.	Bisections at VI, VII.
6, 17, 23.	Bisections at III, IV, V.
11, 14.	Bisections at I, II, VI, VII.
12, 15.	Bisections at I, II.
24.	Bisections at III, VI.
25.	Bisections at II, III, V, VI.
36.	Bisections at II, VI, VII.
40.	Bisections at III, V.
41.	Bisections at II, III, IV, V, VI.

Notes.

1. Clouds.
24. Micrometer reading increased 1 rev.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
11	+ 6.7	− 18.3	...	− 11.6
12	+ 3.5	−15 48.3	...	−15 44.8
13	+ 3.6	+15 48.3	...	+15 51.9
14	+ 2.5	.. ....	0.0	+ 2.5
15	+ 3.6	−15 48.4	...	−15 44.8
16	+ 3.7	+15 48.5	...	+15 52.2
41	+34 9.3	−16 9.5	...	+17 59.8

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	August 17, P.												
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Venus II, N.	9	54 42.84	− 0.42	− 4.07	338 55 53.60	43.821	− 3.31	− 21.1	6 54 38.35	− 1.21	+17 53 58.4	....
	August 18, P.												
2	Sun I, S.	9	49 20.14	− 0.43	− 4.08	333 49 52.40	48.222	− 2.96	− 26.6	9 49 15.63	+65.29	+12 49 32.6	....
3	Sun II, N.	9	51 30.73	− 0.43	− 4.08	334 21 53.58	47.182	− 2.96	− 26.0	9 51 26.22	−65.30	+13 21 10.8	....
4	ο Herculis.	9	4 3.48	− 0.48	− **4.15**	349 45 51.40	46.755	− 2.82	− 9.8	18 3 58.87	.....	+28 45 15.0	....
5	B. D.+38°3109.	9	9 38.42	− 0.52	− 4.13	359 35 50.62	44.890	− 2.82	− 0.3	18 9 33.77	− 1.66	+38 34 41.1	−15.0
6	B. D.+35°3205.	9	14 15.39	− 0.50	− 4.13	356 21 51.50	44.308	− 2.82	− 3.4	18 14 10.76	− 1.68	+35 20 25.6	−14.5
7	B. D.+38°3150.	9	18 40.46	− 0.52	− 4.13	359 17 51.22	48.145	− 2.82	− 0.6	18 18 35.81	− 1.71	+38 17 55.8	−14.9
8	B. D.+36°3130.	9	23 34.27	− 0.51	− 4.13	357 7 52.82	45.310	− 2.82	− 2.7	18 23 29.63	− 1.73	+36 6 50.5	−14.5
9	B. D.+39°3445.	9	28 33.75	− 0.52	− 4.13	0 49 51.88	47.820	− 2.82	+ 0.9	18 28 29.10	− 1.77	+39 49 50.5	−15.0
10	Anonymous.	9	33 57.19	− 0.52	− 4.13	359 41 51.28	46.452	− 2.82	− 0.2	18 33 52.54	− 1.80	+38 41 17.5	−14.8
11	B. D.+36°3239.	9	39 13.37	− 0.50	− 4.13	357 27 51.78	48.270	− 2.82	− 2.3	18 39 8.74	− 1.81	+36 27 57.5	−14.4
12	B. D.+35°3361.	9	43 58.50	− 0.50	− 4.13	356 47 51.98	45.125	− 2.82	− 3.0	18 43 53.87	− 1.83	+35 46 45.1	−14.3
13	B. D.+39°3551.	9	47 41.99	− 0.52	− 4.13	0 13 50.00	48.722	− 2.82	+ 0.3	18 47 37.34	− 1.87	+39 14 8.7	−14.6
14	ε Aquilæ.	9	55 33.30	− 0.46	− **4.15**	335 57 52.32	46.195	− 2.82	− 24.4	18 55 28.71	.....	+14 56 48.6	....
15	ζ Aquilæ.	9	1 17.42	− 0.45	− **4.16**	334 45 53.52	43.598	− 2.82	− 25.8	19 1 12.84	.....	+13 43 49.1	....
16	B. D.+38°3462.	9	7 24.16	− 0.51	− 4.13	359 25 51.80	45.402	− 2.82	− 0.5	19 7 19.52	− 1.96	+38 24 53.8	−14.3
17	*d* Sagittarii.	9	12 21.98	− 0.51	− **4.10**	301 55 50.65	44.475	− 2.82	−1 27.6	19 12 17.34	.....	−19 6 55.5	....
18	B. D.+39°3731.	9	17 27.48	− 0.51	− 4.13	0 45 51.05	46.972	− 2.82	+ 0.8	19 17 22.84	− 2.02	+39 45 30.2	−14.2
19	B. D.+36°3550.	9	22 9.10	− 0.50	− 4.13	358 3 52.50	48.520	− 2.82	− 1.8	19 22 4.47	− 2.02	+37 4 4.5	−13.9
20	B. D.+35°3658.	9	27 33.82	− 0.49	− 4.13	357 1 52.50	49.270	− 2.82	− 2.8	19 27 29.20	− 2.03	+36 2 20.6	−13.8
21	B. D.+39°3831.	9	32 34.88	− 0.51	− 4.13	0 49 51.95	47.462	− 2.82	+ 0.9	19 32 30.24	− 2.08	+39 49 42.4	−13.9
22	B. D.+39°3876.	9	38 36.87	− 0.51	− 4.13	0 47 51.95	49.770	− 2.82	+ 0.9	19 38 32.23	− 2.11	+39 48 35.2	−13.8
23	B. D.+38°3758.	9	44 18.64	− 0.50	− 4.13	359 11 51.62	45.775	− 2.82	− 0.7	19 44 14.01	− 2.12	+38 11 1.9	−13.6
24	B. D.+38°3801.	9	49 52.75	− 0.50	− 4.13	359 31 52.00	47.795	− 2.82	− 0.4	19 49 48.12	− 2.14	+38 31 48.8	−13.4
25	γ Sagittæ.	9	54 46.63	− 0.45	− **4.17**	340 15 50.88	45.928	− 2.82	− 19.6	19 54 42.05	.....	+19 14 45.9	....
26	B. D.+39°4007.	9	58 22.33	− 0.51	− 4.13	1 3 52.12	45.248	− 2.82	+ 1.1	19 58 17.69	− 2.19	+40 2 52.2	−13.3
27	B. D.+39°4054.	9	5 39.22	− 0.50	− 4.13	0 31 51.00	48.275	− 2.82	+ 0.6	20 5 34.59	− 2.21	+39 31 59.7	−13.1
28	B. D.+38°3963.	9	10 42.69	− 0.50	− 4.14	359 53 50.45	45.730	− 2.82	0.0	20 10 38.05	− 2.22	+38 53 0.4	−12.9
29	β Capricorni.	9	15 57.53	− 0.48	− **4.08**	305 57 51.25	45.882	− 2.82	−1 15.4	20 15 52.91	.....	−15 4 10.6	....
30	π Capricorni.	9	22 10.37	− 0.49	− **4.12**	302 31 50.60	45.075	− 2.82	−1 25.8	20 22 5.74	.....	−18 30 40.0	....
	August 19, Fk.												
31	Sun I, S.	9	53 3.47	− 0.46	− 4.15	333 31 52.70	44.245	− 2.91	− 26.8	9 52 58.86	+65.08	+12 30 1.8	....
32	Sun II, N.	9	55 13.63	− 0.46	− 4.15	334 3 53.15	43.260	− 2.91	− 26.2	9 55 9.02	−65.08	+13 1 40.6	....
33	δ Ursæ Minoris.	9	2 13.28	− 5.38	− 4.16	47 35 52.40	48.695	− 3.04	+ 59.4	18 2 3.74	.....	+86 37 8.9	....
34	η Serpentis.	9	16 39.36	− 0.48	− **4.15**	318 5 53.15	47.022	− 3.04	− 48.5	18 16 34.72	.....	− 2 55 15.9	....
35	109 Herculis.	9	19 52.99	− 0.47	− **4.15**	342 43 51.15	48.750	− 3.04	− 16.8	18 19 48.36	.....	+21 43 53.2	....
36	θ Serpentis.	9	51 45.29	− 0.46	− **4.18**	325 5 51.48	47.812	− 3.04	− 37.8	18 51 40.66	.....	+ 4 5 11.1	....
37	υ Draconis.	9	55 39.68	− 1.06	− 4.17	32 11 53.70	43.482	− 3.04	+ 34.3	18 55 34.45	− 2.82	+71 10 46.4	−15.6
38	25 H. Camelopardalis S. P.	9	11 43.95	+ 2.34	− 4.17	58 23 51.40	46.522	− 3.04	+1 28.3	7 11 42.12	.....	+82 35 12.1	....
39	5 Vulpeculæ.	9	22 18.81	− 0.46	− 4.17	340 55 52.25	46.792	− 3.04	− 18.7	19 22 14.18	− 1.95	+19 55 7.6	−12.3
40	μ Aquilæ.	9	29 42.33	− 0.45	− **4.11**	328 11 52.30	47.662	− 3.04	− 33.6	19 29 37.71	.....	+ 7 11 12.7	....
41	β Sagittæ.	9	37 1.68	− 0.45	− **4.21**	338 17 53.90	43.900	− 3.04	− 21.6	19 36 57.06	.....	+17 16 0.3	....
42	δ Sagittæ.	9	43 23.80	− 0.45	− **4.16**	339 19 53.52	45.592	− 3.04	− 20.5	19 43 19.18	.....	+18 18 39.7	....
43	γ Sagittæ.	9	54 46.66	− 0.45	− **4.20**	340 15 53.58	45.805	− 3.04	− 19.5	19 54 42.04	.....	+19 14 45.6	....
44	4 B. Ursæ Minoris S. P.	5	5 43.38	+16.29	− 4.17	52 3 54.40	49.268	− 3.04	+1 10.0	8 5 55.50	.....	+88 54 24.5	....
45	α¹ Capricorni.	9	12 39.83	− 0.48	− 4.17	308 13 52.42	47.552	− 3.04	−1 8.9	20 12 35.18	.....	−12 47 24.9	....
	August 20, P.												
46	Sun I, N.	9	56 46.17	− 0.44	− 4.20	333 43 52.62	44.095	− 2.76	− 27.2	9 56 41.53	+65.11	+12 41 58.1	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 6 52	29.807	75.9	75.6
18 9 52	29.80	81.0	80.7
18 2	29.763	77.8	76.2
18 17	......	....	76.0
18 36	......	....	75.0
18 52	29.764	76.0	74.8
19 5	......	....	74.7
19 26	29.752	76.0	74.3
19 42	......	....	74.1
20 3	......	....	73.8
20 24	29.756	74.9	73.3
19 9 55	29.65	81.2	81.4
18 6	29.588	79.0	78.0
18 23	......	....	77.0
18 47	29.60	78.4	77.0
19 5	......	....	76.4
19 35	29.605	76.9	75.8
19 57	......	....	75.4
20 17	29.605	76.3	75.1

Micrometer bisections are made at II, VI, except as noted below.

1.	Bisections at I, II, VI, VII.
2, 31, 46.	Bisections at I, II.
3, 32.	Bisections at VI, VII.
29.	Bisections at II, VI, VII.
33, 38.	Bisections at III, IV, V.
37.	Bisections at III, V.
44.	Bisections at b_3, b_5, b_7.

Notes.

5–7, 11, 12, 20, 23.	Observed head south.
9, 18, 26, 27.	Observed head north.
10.	Follows α Lyræ 1ˢ.3 and is 50″ south.
12.	Circle reading increased 30′.
34.	Faint.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 6.3	− 17.2	...	− 10.9
2	+ 3.8	+15 49.0	...	+15 52.8
3	+ 3.7	−15 49.1	...	−15 45.4
31	+ 3.8	+15 49.4	...	+15 53.2
32	+ 3.8	−15 49.4	...	−15 45.6
46	+ 3.8	−15 49.5	...	−15 45.7

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Sun II, S.	9	58 56.38	− 0.44	− 4.20	333 11 52.82	45.025	− 2.76	− 27.8	9 58 51.74	−65.10	+12 10 19.1	....
2	9 G. Sagittarii	9	50 36.82	− 0.52	− 4.20	302 15 51.70	43.887	− 2.76	−1 27.8	17 50 32.10	− 1.83	−18 47 8.1	− 1.1
3	102 Herculis	9	4 55.64	− 0.46	− 4.20	341 49 51.52	44.392	− 2.80	− 18.2	18 4 50.98	− 1.61	+20 48 12.8	−12.2
4	447 B. Herculis	9	18 51.44	− 0.46	− 4.20	338 47 54.22	46.625	− 2.85	− 21.6	18 18 46.78	− 1.68	+17 47 3.1	−11.7
5	3 H. Scuti	9	30 18.61	− 0.48	− **4.18**	312 43 51.62	44.592	− 2.89	−1 0.3	18 30 13.93	.....	− 8 18 24.6	....
6	4 H. Scuti	9	37 20.83	− 0.49	− **4.15**	311 53 50.75	44.920	− 2.91	−1 2.2	18 37 16.13	.....	− 9 8 19.9	....
7	43 Camelopardalis s. p.	9	43 50.29	+ 0.80	− 4.21	71 57 51.20	47.218	− 2.94	+2 50.9	6 43 46.88	+ 0.53	+68 59 33.8	+11.4
8	θ Serpentis	9	51 45.36	− 0.46	− **4.26**	325 5 51.85	47.882	− 2.96	− 39.0	18 51 40.69	.....	+ 4 5 12.0	....
9	υ Draconis	9	55 39.60	− 1.02	− 4.21	32 11 53.72	43.442	− 2.97	+ 35.4	18 55 34.37	− 2.76	+71 10 46.7	−15.9
10	τ Sagittarii	9	1 18.96	− 0.57	− 4.21	293 15 52.60	42.695	− 2.99	−2 9.4	19 1 14.18	− 2.29	−27 48 16.2	− 1.8
11	δ Draconis	9	12 39.89	− 0.88	− 4.21	28 29 50.62	47.705	− 3.03	+ 30.6	19 12 34.80	.....	+67 30 16.1	....
12	κ Cygni	9	15 5.69	− 0.60	− 4.21	14 11 53.42	48.130	− 3.04	+ 14.3	19 15 0.88	.....	+53 12 12.2	....
13	186 G. Sagittarii	9	21 14.98	− 0.58	− 4.21	291 7 52.12	45.457	− 3.06	−2 23.8	19 21 10.19	− 2.40	−29 55 28.0	− 2.7
14	8 Cygni	9	28 27.87	− 0.48	− 4.21	355 15 53.15	47.695	− 3.08	− 4.6	19 28 23.18	− 2.00	+34 15 43.2	−14.1
15	β Sagittæ	9	37 1.69	− 0.46	− **4.22**	338 17 52.68	44.020	− 3.11	− 22.3	19 36 57.02	.....	+17 16 1.1	....
16	γ Aquilæ	9	41 59.85	− 0.45	− **4.20**	331 23 51.72	48.460	− 3.13	− 30.6	19 41 55.19	.....	+10 23 33.3	....
17	α Aquilæ	9	46 24.41	− 0.46	− **4.16**	329 39 52.50	43.752	− 3.14	− 32.8	19 46 19.74	.....	+ 8 37 44.3	....
18	β Aquilæ	9	50 54.43	− 0.46	− **4.21**	327 11 53.02	46.732	− 3.16	− 36.1	19 50 49.76	.....	+ 6 10 49.6	....
19	15 Vulpeculæ	9	57 25.49	− 0.47	− 4.21	348 31 54.28	43.995	− 3.18	− 11.4	19 57 20.81	− 2.08	+27 30 12.9	−13.2
20	68 Draconis	9	10 12.31	− 0.73	− 4.21	22 47 51.35	47.920	− 3.22	+ 23.8	20 10 7.37	− 2.82	+61 48 14.8	−13.3
	August 20, Fk.												
21	3 Draconis s. p.	9	37 22.63	+ 0.82	− 4.20	73 41 55.28	46.893	− 3.70	+3 11.6	11 37 19.25	.....	+67 15 17.3	....
22	φ Pegasi	9	47 55.11	− 0.44	− **4.18**	339 37 54.75	45.885	− 3.76	− 21.0	23 47 50.47	.....	+18 36 46.4	....
23	ω Piscium	9	54 41.88	− 0.44	− **4.18**	327 21 53.90	48.485	− 3.80	− 36.1	23 54 37.24	.....	+ 6 21 29.9	....
24	2 Ceti	9	59 8.54	− 0.51	− **4.27**	303 11 55.08	45.190	− 3.83	−1 26.2	23 59 3.83	.....	−17 50 34.3	....
25	α Andromedæ	9	3 44.63	− 0.46	− **4.19**	349 35 55.75	46.290	− 3.85	− 10.3	0 3 39.97	.....	+28 35 7.2	....
26	5 B. Ursæ Minoris s. p.	9	13 50.06	+ 6.02	− 4.20	54 1 56.68	47.590	− 3.91	+1 18.2	12 13 51.88	+18.65	+86 56 53.0	− 5.9
27	77 G. Sculptoris	9	29 14.97	− 0.58	− 4.20	290 59 54.68	45.239	− 4.00	−2 26.3	0 29 10.19	− 2.04	−30 3 33.8	−18.6
28	ε Andromedæ	9	33 48.23	− 0.46	− **4.21**	349 49 56.98	45.652	− 4.02	− 10.1	0 33 43.57	.....	+28 48 53.9	....
29	ν Andromedæ	9	44 51.11	− 0.50	− 4.20	1 35 56.78	44.802	− 4.08	+ 1.6	0 44 46.41	.....	+40 34 46.0	....
30	8 Draconis s. p.	9	51 51.02	+ 0.78	− 4.20	75 1 54.60	43.325	− 4.13	+3 29.7	12 51 47.60	.....	+65 56 21.8	....
31	72 Piscium	9	0 20.42	− 0.44	− 4.20	335 27 54.42	47.475	− 4.17	− 25.8	1 0 15.78	− 1.86	+14 27 17.2	− 9.1
32	β Andromedæ	9	4 41.37	− 0.48	− 4.20	356 9 56.50	43.260	− 4.20	− 3.8	1 4 36.69	.....	+35 8 4.9	....
33	ζ¹ Piscium	9	9 1.84	− 0.44	− **4.18**	328 7 54.00	43.408	− 4.22	− 35.2	1 8 57.20	.....	+ 7 5 34.4	....
34	υ Piscium	9	14 31.02	− 0.45	− **4.25**	347 47 56.08	45.990	− 4.25	− 12.2	1 14 26.37	.....	+26 46 58.4	....
35	ψ Cassiopeiæ	9	19 33.63	− 0.90	− 4.20	28 39 57.55	43.948	− 4.28	+ 31.1	1 19 28.53	− 3.30	+67 38 56.5	+ 6.0
36	9 B. Ursæ Minoris s. p.	9	23 48.54	+ 1.08	− 4.20	68 5 54.05	46.603	− 4.30	+2 20.9	13 23 45.42	.....	+72 52 16.4	....
37	13 B. Ursæ Minoris s. p.	9	34 59.76	+ 1.01	− 4.20	69 15 55.95	44.855	− 4.37	+2 29.4	13 34 56.57	+ 1.73	+71 42 46.0	−12.0
38	ο Piscium	9	40 38.37	− 0.44	− **4.23**	329 43 53.40	44.200	− 4.40	− 33.1	1 40 33.72	.....	+ 8 41 53.8	....
39	54 Ceti	9	46 5.22	− 0.44	− 4.21	331 37 54.75	42.952	− 4.43	− 30.6	1 46 0.57	− 1.64	+10 35 29.1	− 9.3
40	Moon II	9	56 1.39	− 0.48	− 4.24	343 46	......	....	. ....	5 55 56.67	−67.81	.. ..	....
41	Venus N	.	.. ..	....	....	338 59 56.82	43.118	− 4.48	− 21.4	.. ..	.....	+17 58 16.4	....
42	Venus II, S.	9	3 5.49	− 0.46	− 4.24	338 59 56.82	44.522	− 4.48	− 21.4	7 3 0.79	− 1.16	+17 57 43.9	....
	August 21, Fk.												
43	Sun I, N.	9	0 28.44	− 0.46	− 4.25	333 23 54.55	44.408	− 3.83	− 27.6	10 0 23.73	+65.01	+12 22 5.7	....
44	Sun II, S.	9	2 38.46	− 0.46	− 4.25	332 51 55.35	45.278	− 3.83	− 28.2	10 2 33.75	−65.01	+11 50 26.0	....
	August 28, P.												
45	Sun I, S.	9	26 12.63	− 0.46	− 4.80	330 27 57.12	44.252	− 5.52	− 31.8	10 26 7.37	+64.61	+ 9 25 58.8	....
46	Sun II, N.	9	28 21.85	− 0.46	− 4.80	330 59 55.78	43.520	− 5.52	− 31.1	10 28 16.59	−64.61	+ 9 57 41.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
20 9 59	29.775	73.8	71.0
17 48	29.731	68.5	66.5
18 7	....	....	66.0
18 17	....	....	65.2
18 28	29.750	67.1	65.1
18 48	....	....	64.5
19 10	29.859	66.5	64.2
19 48	....	....	63.8
19 55	29.868	65.3	63.8
20 12	29.878	65.2	63.3
23 31	29.90	62.7	61.2
0 3	....	....	60.7
0 24	29.91	61.9	60.3
0 42	....	....	60.1
1 3	29.915	61.3	59.8
1 30	....	....	59.4
1 50	29.925	60.8	59.2
6 59	30.01	70.3	69.1
21 10 3	30.002	75.0	74.9
28 10 28	30.006	67.5	65.6

Micrometer bisections are made at II, VI, except as noted below.

1, 42, 44, 46.	Bisections at VI, VII.
2, 10, 13.	Bisections at II, VI, VII.
7, 21, 26, 30, 36, 37.	Bisections at III, IV, V.
9, 11, 20, 29, 35.	Bisections at III, V.
27.	Bisections at I, II, VI, VII.
41, 43, 45.	Bisections at I, II.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 3.9	+15 49.4	...	+15 53.3
41	+ 6.0	− 16.3	+ 0.1	− 10.2
42	+ 6.0	+ 16.3	...	+ 22.3
43	+ 3.9	−15 49.9	...	−15 46.0
44	+ 3.9	+15 49.8	...	+15 53.7
45	+ 4.3	+15 51.3	...	+15 55.6
46	+ 4.2	−15 51.4	...	−15 47.2

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	β Aquarii	9	26 50.77	– 0.52	– **4.92**	315 4	......	....	.....	21 26 45.39	.....	– 5 58	....
2	ξ Aquarii	9	32 59.08	– 0.53	– **4.88**	312 46	......	....	.....	21 32 53.69	.....	– 8 15	....
3	ε Pegasi	9	39 47.69	– 0.48	– **4.89**	330 30	......	....	.....	21 39 42.35	.....	+ 9 27	....
4	δ Capricorni	9	42 5.76	– 0.57	– **4.87**	304 30	......	....	.....	21 42 0.33	.....	–16 32	....
5	μ Capricorni	9	48 24.69	– 0.55	– **4.85**	307 4	......	....	.....	21 48 19.28	.....	–13 58	....
6	16 Pegasi	5	49 0.18	– 0.47	– **4.86**	346 32	......	....	.....	21 48 54.85	.....	+25 29	....
7	α Aquarii	9	1 11.27	– 0.50	– **4.90**	320 16	......	....	.....	22 1 5.91	.....	– 0 45	....
8	ι Pegasi	9	2 51.32	– 0.47	– **4.84**	345 56	......	....	.....	22 2 45.99	.....	+24 53	....
9	θ Pegasi	9	5 41.21	– 0.49	– **4.84**	326 46	......	....	.....	22 5 35.86	.....	+ 5 44	....
10	θ Aquarii	9	12 6.56	– 0.53	– **4.88**	312 48	......	....	.....	22 12 1.17	.....	– 8 14	....
11	γ Aquarii	9	17 1.99	– 0.50	– **4.86**	319 10	......	....	.....	22 16 56.63	.....	– 1 50	....
12	π Aquarii	9	20 42.35	– 0.50	– **4.83**	321 56	......	....	.....	22 20 36.99	.....	+ 0 54	....
13	σ Aquarii	9	25 54.51	– 0.54	– **4.80**	309 52	......	....	.....	22 25 49.11	.....	–11 8	....
	August 29, Fk.												
14	Sun I, S	9	29 51.62	– 0.48	– 4.89	330 5 53.45	46.248	– 5.88	– 32.1	10 29 46.25	+64.50	+ 9 4 40.1	....
15	Sun II, N	9	32 0.62	– 0.48	– 4.89	330 37 53.15	45.550	– 5.88	– 31.4	10 31 55.25	–64.50	+ 9 36 24.8	....
	August 29, M.												
16	ν Ophiuchi	8	54 4.79	– 0.58	– **4.87**	311 15 52.68	46.760	– 5.52	–1 4.0	17 53 59.38	.....	– 9 45 40.3	....
17	δ Ursæ Minoris	7	2 9.86	– 5.46	– 4.83	47 37 53.30	43.458	– 5.52	+1 1.9	18 1 59.57	.....	+86 37 10.4	....
18	B. D. +38°3109	9	9 38.87	– 0.57	– 4.83	359 35 53.40	44.938	– 5.52	– 0.3	18 9 33.47	– 1.43	+38 34 42.3	–16.3
19	B. D. +35°3205	9	14 15.91	– 0.56	– 4.83	356 21 52.90	44.432	– 5.52	– 3.5	18 14 10.52	– 1.47	+35 20 27.0	–15.8
20	B. D. +38°3150	9	18 41.02	– 0.57	– 4.83	359 17 52.65	48.250	– 5.52	– 0.6	18 18 35.62	– 1.49	+38 17 56.7	–16.3
21	B. D. +36°3130	9	23 34.83	– 0.56	– 4.84	357 7 52.75	45.458	– 5.52	– 2.8	18 23 29.43	– 1.52	+36 6 51.0	–16.0
22	B. D. +39°3445	9	28 34.36	– 0.58	– 4.84	0 49 52.35	47.945	– 5.52	+ 0.9	18 28 28.94	– 1.55	+39 49 51.2	–16.5
23	α Lyræ	8	33 56.52	– 0.57	– 4.84	359 41 52.38	48.850	– 5.52	– 0.2	18 33 51.11	.....	+38 42 10.8	....
24	B. D. +36°3239	8	39 13.84	– 0.56	– 4.84	357 27 52.72	48.435	– 5.52	– 2.4	18 39 8.44	– 1.61	+36 27 59.4	–16.1
25	B. D. +35°3361	9	43 59.10	– 0.56	– 4.84	356 47 52.85	45.260	– 5.52	– 3.1	18 43 53.70	– 1.64	+35 46 46.3	–16.0
26	B. D. +39°3551	9	47 42.56	– 0.57	– 4.84	0 13 52.00	48.850	– 5.52	+ 0.3	18 47 37.15	– 1.66	+39 14 10.9	–16.4
27	51 H. Cephei s. p.	7	57 32.31	+ 6.34	– 4.84	53 47 51.95	46.627	– 5.52	+1 17.4	6 57 33.81	.....	+87 11 22.6	....
28	ζ Aquilæ	9	1 18.08	– 0.53	– **4.86**	334 45 54.22	43.710	– 5.52	– 26.6	19 1 12.71	.....	+13 43 48.8	....
29	B. D. +38°3462	8	7 24.80	– 0.57	– 4.84	359 25 52.60	45.542	– 5.52	– 0.5	19 7 19.39	– 1.78	+38 24 55.1	–16.2
30	d Sagittarii	9	12 22.79	– 0.62	– **4.89**	301 55 49.92	44.692	– 5.52	–1 30.4	19 12 17.33	.....	–19 6 56.7	....
31	B. D. +39°3731	9	17 28.06	– 0.57	– 4.84	0 45 53.22	47.050	– 5.52	+ 0.8	19 17 22.65	– 1.84	+39 45 31.5	–16.3
32	B. D. +36°3550	9	22 9.68	– 0.56	– 4.84	358 3 52.82	48.688	– 5.52	– 1.8	19 22 4.28	– 1.85	+37 4 5.9	–16.0
33	B. D. +35°3658	8	27 34.36	– 0.56	– 4.84	357 1 53.10	49.460	– 5.52	– 2.9	19 27 28.96	– 1.88	+36 2 22.7	–15.8
34	B. D. +39°3831	9	32 35.48	– 0.58	– 4.84	0 49 52.32	47.660	– 5.52	+ 0.9	19 32 30.06	– 1.92	+39 49 44.6	–16.1
35	B. D. +39°3876	9	38 37.48	– 0.58	– 4.84	0 48	......	....	.....	19 38 32.06	– 1.95	+39 48	....
36	B. D. +38°3758	9	44 19.20	– 0.57	– 4.84	359 11 53.05	45.922	– 5.52	– 0.7	19 44 13.79	– 1.97	+38 11 4.0	–15.8
37	B. D. +38°3801	9	49 53.48	– 0.57	– 4.84	359 31 52.68	47.965	– 5.52	– 0.4	19 49 48.07	– 2.00	+38 31 50.6	–15.8
38	γ Sagittæ	9	54 47.31	– 0.53	– **4.85**	340 15 54.10	45.950	– 5.52	– 20.3	19 54 41.94	.....	+19 14 46.4	....
39	B. D. +39°4007	9	58 22.91	– 0.58	– 4.84	1 3 52.72	45.385	– 5.52	+ 1.1	19 58 17.49	– 2.05	+40 2 53.2	–15.8
40	B. D. +39°4054	8	5 39.90	– 0.57	– 4.84	0 31 53.58	48.330	– 5.52	+ 0.6	20 5 34.49	– 2.08	+39 32 0.9	–15.6
41	B. D. +38°3963	9	10 43.42	– 0.57	– 4.84	359 53 52.85	45.815	– 5.52	0.0	20 10 38.01	– 2.10	+38 53 2.1	–15.5
42	β Capricorni	9	15 58.37	– 0.60	– **4.84**	305 57 51.02	46.065	– 5.52	–1 17.8	20 15 52.93	.....	–15 4 11.7	....
43	π Capricorni	8	22 11.21	– 0.62	– **4.86**	302 31 48.98	45.355	– 5.52	–1 28.4	20 22 5.75	.....	–18 30 40.5	....
	August 29, Fk.												
44	θ Capricorni	9	0 54.52	– 0.58	– **4.91**	303 26	......	....	.....	21 0 49.02	.....	–17 35	....
45	ν Aquarii	9	4 42.84	– 0.56	– **4.92**	309 18	......	....	.....	21 4 37.36	.....	–11 44	....
46	ζ Cygni	9	9 8.85	– 0.52	– **4.85**	350 52	......	....	.....	21 9 3.41	.....	+29 51	....
47	α Equulei	9	11 21.17	– 0.52	– **4.89**	325 54	......	....	.....	21 11 15.73	.....	+ 4 52	....
48	ι Capricorni	9	17 15.47	– 0.58	– **4.92**	303 48	......	....	.....	21 17 9.97	.....	–17 13	....
49	1 Pegasi	9	17 57.56	– 0.51	– **4.91**	340 26	......	....	.....	21 17 52.13	.....	+19 24	....
	August 30, M.												
50	Saturn I, C	5	36 56.38	– 0.54	– 4.99	322 9 51.72	47.505	– 5.34	– 43.9	0 36 50.85	+ 0.63	+ 1 7 20.7	....
51	Saturn II	5	36 57.63	– 0.54	– 4.99	... .	......	....	.....	0 36 52.10	– 0.62	.. ..	....
52	ζ Andromedæ	9	42 35.26	– 0.52	– **4.95**	344 47 52.92	44.220	– 5.34	– 15.4	0 42 29.74	.....	+23 46 10.5	....
53	8 Draconis s. p.	8	51 51.70	+ 0.67	– 5.00	75 1 49.70	43.725	– 5.34	+3 29.9	12 51 47.37	.....	+65 56 18.3	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
29 10 32	30.003	69.8	68.7
17 48	29.98	65.9	64.6
18 12	......	....	64.2
18 37	......	....	63.5
18 52	30.00	64.4	63.1
19 4	......	....	62.7
19 25	30.00	63.5	62.3
19 47	......	....	62.2
20 2	......	....	62.2
20 27	30.00	62.7	62.2
30 0 32	30.04	63.0	62.8

Micrometer bisections are made at II, VI, except as noted below.

14, 38. Bisections at I, II.
15, 53. Bisections at VI, VII.
17. Bisections at b_2, b_5, b_8.
27. Bisections at b_3, b_5, b_7.
50. Z. D. threads C used.
50. Bisections at I, II, VI, VII.

Notes.

1, 2, 4, 6. Clouds.
21, 23, 29, 32, 37, 41. Observed head south.
26, 34, 35. Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
14	+ 4.3	+15 52.3	...	+15 56.6
15	+ 4.2	–15 52.3	...	–15 48.1
50	+ 0.6	.. ....	...	+ 0.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	*e* Piscium	9	3 45.32	− 0.53	− 5.00	326 11 50.35	44.935	− 5.34	− 38.0	1 3 39.79	− 2.01	+ 5 10 1.6	−12.9
2	τ Piscium	9	6 43.12	− 0.53	− 5.00	350 37 52.82	44.140	− 5.34	− 9.3	1 6 37.59	− 2.20	+29 36 14.7	− 6.8
3	υ Piscium	9	14 32.09	− 0.52	− **5.00**	347 47 50.78	46.322	− 5.34	− 12.2	1 14 26.57	.....	+26 46 59.6	....
4	ψ Cassiopeiæ	9	19 34.99	− 0.92	− 5.00	28 39 51.68	44.382	− 5.34	+ 31.2	1 19 29.07	− 3.75	+67 38 59.5	+ 3.0
5	9 B. Ursæ Minoris S. P.	8	23 48.85	+ 0.94	− 5.00	68 5 51.38	46.830	− 5.34	+2 21.3	13 23 44.79	.....	+72 52 14.4	....
6	13 B. Ursæ Minoris S. P.	9	35 0.24	+ 0.88	− 5.00	69 15 53.62	45.073	− 5.34	+2 30.0	13 34 56.12	+ 2.16	+71 42 43.7	− 9.6
7	*o* Piscium	9	40 39.47	− 0.52	− **5.00**	329 43 50.52	44.468	− 5.34	− 33.2	1 40 33.95	.....	+ 8 41 56.1	....
8	54 Ceti	9	46 6.39	− 0.52	− 5.00	331 37 50.52	43.232	− 5.34	− 30.8	1 46 0.87	− 1.88	+10 35 30.2	−10.8
9	β Arietis	9	49 40.83	− 0.52	− **5.05**	341 21 50.98	48.440	− 5.34	− 19.2	1 49 35.31	.....	+20 21 41.2	....
10	α Arietis	9	2 6.52	− 0.52	− **4.99**	344 3 51.58	43.380	− 5.34	− 16.3	2 2 1.00	.....	+23 1 49.1	....
11	4 Ursæ Minoris S. P.	8	9 11.97	+ 1.36	− 5.00	62 59 49.72	46.357	− 5.34	+1 52.0	14 9 8.33	.....	+77 58 56.2	....
12	*o* Ceti	8	14 49.14	− 0.55	− 5.00	317 37 49.90	46.962	− 5.34	− 52.0	2 14 43.59	.....	− 3 23 26.3	....
13	ι Cassiopeiæ	9	21 37.42	− 0.90	− 5.00	27 59 51.65	45.188	− 5.34	+ 30.5	2 21 31.52	.....	+66 59 17.0	....
14	σ Ceti	9	27 50.81	− 0.59	− 5.00	305 23 50.10	45.208	− 5.34	−1 20.1	2 27 45.22	.....	−15 38 34.3	....
15	ν Arietis	8	33 42.69	− 0.52	− **4.99**	342 35 52.65	43.842	− 5.34	− 17.9	2 33 37.17	.....	+21 33 59.1	....
16	γ Ceti	9	38 39.10	− 0.53	− **5.01**	323 51 50.02	48.008	− 5.34	− 41.6	2 38 33.57	.....	+ 2 51 8.1	....
17	β Fornacis	9	45 21.66	− 0.71	− 5.00	288 15 51.65	47.578	− 5.34	−2 50.8	2 45 15.95	.....	−32 47 9.2	....
18	Venus II, S	9	35 26.21	− 0.53	− 5.03	338 55 53.58	44.052	− 5.15	− 21.5	7 35 20.65	− 1.00	+17 54 1.4	....
	August 31, M.												
19	Sun I, S	9	37 8.56	− 0.51	− 5.04	329 23 51.32	43.612	− 4.55	− 32.6	10 37 3.01	+64.41	+ 8 21 38.5	....
20	Sun II, N	9	39 17.37	− 0.51	− 5.04	329 55 51.78	42.858	− 4.55	− 31.9	10 39 11.82	−64.40	+ 8 53 22.7	....
21	Mercury C, C	9	18 7.54	− 0.51	− 5.04	326 47 50.08	46.105	− 4.53	− 36.0	11 18 1.99	+ 0.01	+ 5 46 31.0	....
22	Moon I	9	6 2.86	− 0.57	− 5.05	312 10	......	....	. ....	14 5 57.24	+63.10	.. ..	....
23	*o* Herculis	9	4 4.30	− 0.59	− **5.09**	349 45 51.50	46.880	− 4.64	− 10.0	18 3 58.64	.....	+28 45 16.0	....
24	B. D.+38°3109	9	9 39.06	− 0.63	− 5.07	359 35 50.62	45.068	− 4.64	− 0.3	18 9 33.36	− 1.39	+38 34 43.4	−16.6
25	B. D.+35°3205	9	14 16.11	− 0.61	− 5.07	356 21 51.30	44.510	− 4.64	− 3.5	18 14 10.43	− 1.43	+35 20 28.1	−16.1
26	B. D.+38°3150	9	18 41.20	− 0.63	− 5.07	359 17 50.85	48.352	− 4.64	− 0.6	18 18 35.50	− 1.45	+38 17 58.3	−16.6
27	B. D.+36°3130	9	23 34.97	− 0.62	− 5.07	357 7 51.30	45.498	− 4.64	− 2.7	18 23 29.28	− 1.48	+36 6 51.5	−16.3
28	B. D.+39°3445	9	28 34.52	− 0.63	− 5.07	0 49 50.20	48.000	− 4.64	+ 0.9	18 28 28.82	− 1.51	+39 49 51.1	−16.8
29	α Lyræ	9	33 56.64	− 0.63	− 5.07	359 41 50.08	48.935	− 4.64	− 0.2	18 33 50.94	.....	+38 42 11.3	....
30	B. D.+36°3239	9	39 14.11	− 0.62	− 5.07	357 27 50.40	48.525	− 4.64	− 2.4	18 39 8.42	− 1.58	+36 28 0.1	−16.4
31	B. D.+35°3361	9	43 59.31	− 0.61	− 5.07	356 47 50.92	45.360	− 4.64	− 3.1	18 43 53.63	− 1.60	+35 46 47.5	−16.3
32	B. D.+39°3551	9	47 42.74	− 0.63	− 5.07	0 13 50.78	48.910	− 4.64	+ 0.3	18 47 37.04	− 1.63	+39 14 11.9	−16.8
33	ε Aquilæ	9	55 34.16	− 0.57	− **5.05**	335 57 49.20	46.455	− 4.64	− 24.9	18 55 28.52	.....	+14 56 49.1	....
34	ζ Aquilæ	9	1 18.29	− 0.57	− **5.06**	334 45 49.25	43.928	− 4.64	− 26.4	19 1 12.65	.....	+13 43 49.9	....
35	B. D.+38°3462	9	7 24.97	− 0.63	− 5.07	359 25 50.02	45.622	− 4.64	− 0.5	19 7 19.27	− 1.74	+38 24 55.2	−16.6
36	*d* Sagittarii	9	12 22.94	− 0.63	− **5.05**	301 55 47.30	44.775	− 4.64	−1 29.7	19 12 17.24	.....	−19 6 55.9	....
37	B. D.+39°3731	9	17 28.24	− 0.63	− 5.07	0 45 50.10	47.165	− 4.64	+ 0.8	19 17 22.54	− 1.80	+39 45 31.8	−16.7
38	B. D.+36°3550	9	22 9.88	− 0.62	− 5.07	358 3 50.08	48.772	− 4.64	− 1.8	19 22 4.19	− 1.82	+37 4 6.0	−16.4
39	B. D.+35°3658	9	27 34.59	− 0.62	− 5.07	357 1 50.98	49.570	− 4.64	− 2.8	19 27 28.90	− 1.85	+36 2 24.1	−16.2
40	B. D.+39°3831	9	32 35.64	− 0.63	− 5.07	0 49 50.48	47.750	− 4.64	+ 0.9	19 32 29.94	− 1.89	+39 49 45.7	−16.5
41	B. D.+39°3876	9	38 37.61	− 0.63	− 5.07	0 47 50.68	50.078	− 4.64	+ 0.9	19 38 31.91	− 1.92	+39 48 39.1	−16.4
42	B. D.+38°3758	8	44 19.47	− 0.62	− 5.07	359 11 50.68	46.055	− 4.64	− 0.7	19 44 13.78	− 1.94	+38 11 5.6	−16.2
43	γ Sagittæ	9	54 47.53	− 0.57	− **5.05**	340 15 49.20	46.162	− 4.64	− 20.1	19 54 41.89	.....	+19 14 47.4	....
44	B. D.+39°4007	9	58 23.08	− 0.64	− 5.07	1 3 50.10	45.478	− 4.64	+ 1.1	19 58 17.37	− 2.03	+40 2 53.6	−16.2
45	B. D.+39°4054	8	5 40.04	− 0.63	− 5.08	0 31 49.80	48.475	− 4.64	+ 0.6	20 5 34.33	− 2.06	+39 32 1.3	−16.0
46	B. D.+38°3963	9	10 43.61	− 0.63	− 5.08	359 53 50.08	45.902	− 4.64	0.0	20 10 37.90	− 2.08	+38 53 2.2	−15.9
47	β Capricorni	9	15 58.66	− 0.62	− **5.12**	305 57 47.38	46.195	− 4.64	−1 17.4	20 15 52.96	.....	−15 4 11.1	....
48	π Capricorni	8	22 11.44	− 0.63	− **5.09**	302 31 46.05	45.455	− 4.64	−1 28.0	20 22 5.73	.....	−18 30 39.9	....
	August 31, P.												
49	Saturn I, C	5	36 43.48	− 0.56	− 5.19	322 7 50.65	48.560	− 4.42	− 44.1	0 36 37.73	+ 0.71	+ 1 5 44.5	....
50	Saturn II	5	36 44.39	− 0.56	− 5.19	... .	....	....	. ....	0 36 39.14	− 0.70	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
30 0 57	......	....	61.5
1 38	30.05	61.2	59.4
1 56	......	....	59.0
2 18	30.045	60.2	58.4
2 31	......	....	58.2
2 50	30.05	60.3	58.5
7 35	30.11	70.3	70.2
31 10 39	30.12	76.9	77.1
11 18	30.115	77.7	78.2
18 0	30.08	71.8	70.9
18 12	......	....	70.5
18 36	......	....	69.4
18 58	30.08	69.8	68.6
19 4	......	....	68.0
19 25	30.08	68.9	67.7
19 47	......	....	66.4
20 9	......	....	65.8
20 28	30.06	67.0	65.1
0 34	30.03	63.0	61.0

Micrometer bisections are made at II, VI, except as noted below.

1, 20. Bisections at VI, VII.
4, 5. Bisections at III, V.
6, 11. Bisections at III, IV, V.
18, 21, 49. Bisections at I, II, VI, VII.
19, 43. Bisections at I, II.
49. Z. D. threads C used.

Notes.

24-26, 30, 31, 39, 42. Observed head south.
28, 37, 44, 45. Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
18	+ 5.3	+ 14.4	...	+ 19.7
19	+ 4.4	+15 52.1	...	+15 56.5
20	+ 4.3	−15 52.0	...	−15 47.7
21	+ 3.5	.. ....	0.0	+ 3.5
49	+ 0.6	.. ....	...	+ 0.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	43 H. Cephei	9	56 26.50	− 4.57	− 5.19	46 45 51.38	45.210	− 4.51	+1 0.5	0 56 16.74	.....	+85 45 48.1	....
2	44 H. Cephei	8	4 31.51	− 1.88	− 5.19	40 11 51.68	43.736	− 4.55	+ 48.1	1 4 24.44	− 6.81	+79 11 1.8	+ 3.9
3	υ Piscium	9	14 32.35	− 0.55	− **5.21**	347 47 49.28	46.415	− 4.59	− 12.2	1 14 26.61	.....	+26 47 1.0	....
4	ψ Cassiopeiæ	9	19 35.32	− 1.00	− 5.19	28 39 50.30	44.405	− 4.61	+ 31.1	1 19 29.13	− 3.80	+67 38 59.3	+ 2.8
5	9 B. Ursæ Minoris S. P.	9	23 48.96	+ 1.01	− 5.19	68 5 51.28	46.818	− 4.63	+2 20.9	13 23 44.78	.....	+72 52 14.5	....
6	13 B. Ursæ Minoris S. P.	9	35 0.46	+ 0.94	− 5.19	69 15 51.65	45.168	− 4.68	+2 29.5	13 34 56.21	+ 2.21	+71 42 43.4	− 9.4
7	ο Piscium	9	40 39.67	− 0.54	− **5.15**	329 43 48.65	44.498	− 4.71	− 33.1	1 40 33.94	.....	+ 8 41 55.6	....
8	54 Ceti	9	46 6.58	− 0.53	− 5.19	331 37 48.52	43.305	− 4.73	− 30.6	1 46 0.86	− 1.91	+10 35 30.7	−10.9
9	β Arietis	9	49 41.00	− 0.53	− **5.18**	341 23 48.08	43.290	− 4.74	− 19.1	1 49 35.28	.....	+20 21 41.3	....
10	α Arietis	9	2 6.74	− 0.53	− **5.18**	344 3 49.45	43.455	− 4.81	− 16.2	2 2 1.01	.....	+23 1 49.3	....
11	4 Ursæ Minoris S. P.	9	9 11.95	+ 1.48	− 5.20	62 59 50.80	46.328	− 4.83	+1 51.4	14 9 8.23	.....	+77 58 55.9	....
12	67 Ceti	9	12 31.14	− 0.55	− **5.23**	314 11 48.32	44.618	− 4.84	− 58.3	2 12 25.39	.....	− 6 50 27.3	....
13	ξ² Ceti	9	23 23.40	− 0.53	− **5.17**	329 5 48.82	42.352	− 4.89	− 33.9	2 23 17.67	.....	+ 8 3 5.7	....
14	36 H. Cassiopeiæ	9	29 26.17	− 1.21	− 5.20	33 25 50.38	43.875	− 4.92	+ 37.6	2 29 19.76	.....	+72 24 53.5	....
15	δ Ceti	9	34 53.34	− 0.53	− **5.20**	320 57 49.05	45.685	− 4.94	− 46.0	2 34 47.61	.....	− 0 3 50.0	....
16	γ Ceti	9	38 39.35	− 0.53	− **5.24**	323 51 48.20	48.088	− 4.96	− 41.4	2 38 33.62	.....	+ 2 51 8.7	....
17	β Fornacis	9	45 21.84	− 0.68	− 5.20	288 15 48.85	47.617	− 4.99	−2 49.7	2 45 15.96	.....	−32 47 9.7	....
18	β Ursæ Minoris S. P.	9	50 59.99	+ 1.14	− 5.20	66 25 50.55	47.772	− 5.01	+2 10.0	14 50 55.93	.....	+74 32 4.7	....
19	γ Persei	9	58 15.69	− 0.68	− 5.20	14 9 52.32	44.500	− 5.04	+ 14.4	2 58 9.81	.....	+53 8 46.3	....
20	57 B. Ursæ Minoris S. P.	9	6 18.22	+ 7.71	− 5.20	53 23 49.35	46.585	− 5.08	+1 16.6	15 6 20.73	.....	+87 35 26.1	....
	September 1, Fk.												
21	υ Piscium	9	14 32.36	− 0.54	− **5.21**	347 48	......	....	.....	1 14 26.59	.....	+26 46	....
22	η Piscium	9	26 41.31	− 0.53	− **5.23**	335 54	......	....	.....	1 26 35.55	.....	+14 52	....
23	α Arietis	9	2 6.81	− 0.53	− **5.21**	344 4	......	....	.....	2 2 1.05	.....	+23 1	....
24	ξ² Ceti	9	23 23.47	− 0.53	− **5.22**	329 6	......	....	.....	2 23 17.71	.....	+ 8 3	....
25	σ Arietis	9	46 32.13	− 0.52	− **5.23**	335 44	......	....	.....	2 46 26.38	.....	+14 42	....
26	η Eridani	9	52 3.32	− 0.57	− **5.24**	311 46	......	....	.....	2 51 57.52	.....	− 9 15	....
27	α Ceti	9	57 35.52	− 0.53	− **5.26**	324 46	......	....	.....	2 57 29.76	.....	+ 3 43	....
28	δ Arietis	9	6 29.41	− 0.52	− **5.26**	340 24	......	....	.....	3 6 23.66	.....	+19 22	....
	September 2, Fk.												
29	Sun I, N	9	44 24.38	− 0.53	− 5.27	329 11 50.28	44.128	− 4.99	− 32.4	10 44 18.58	+64.30	+ 8 9 49.1	....
30	Sun II, S	9	46 32.98	− 0.53	− 5.27	328 39 50.82	44.810	− 4.99	− 33.1	10 46 27.18	−64.30	+ 7 38 4.7	....
31	Moon I, N	9	46 47.19	− 0.60	− 5.29	303 25 52.28	45.347	− 4.52	−1 21.8	15 46 41.30	+67.21	−17 36 29.7	....
32	β Aquilæ	9	50 55.47	− 0.52	− **5.30**	327 11 50.82	46.885	− 4.54	− 35.7	19 50 49.65	.....	+ 6 10 49.9	....
33	γ Sagittæ	9	54 47.74	− 0.52	− **5.33**	340 15 51.20	46.090	− 4.57	− 19.8	19 54 41.92	.....	+19 14 47.9	....
34	τ Aquilæ	9	59 46.59	− 0.52	− **5.30**	328 1 49.80	48.175	− 4.62	− 34.5	19 59 40.77	.....	+ 7 1 19.5	....
35	θ Aquilæ	9	6 41.51	− 0.53	− **5.37**	319 55 49.70	46.615	− 4.69	− 46.6	20 6 35.68	.....	− 1 5 28.4	....
36	α² Capricorni	9	13 5.14	− 0.56	− **5.28**	308 11 49.92	47.180	− 4.75	−1 10.3	20 12 59.28	.....	−12 49 39.0	....
37	β Capricorni	9	15 58.73	− 0.57	− **5.25**	305 57 50.98	46.030	− 4.76	−1 16.2	20 15 52.86	.....	−15 4 10.2	....
	September 2, M.												
38	ε Andromedæ	9	33 49.58	− 0.54	− **5.22**	349 50	......	....	.....	0 33 43.80	.....	+28 48	....
39	ε Piscium	9	58 17.91	− 0.54	− **5.22**	328 24	......	....	.....	0 58 12.12	.....	+ 7 23	....
40	θ Ceti	9	19 33.38	− 0.58	− **5.32**	312 22	......	....	.....	1 19 27.55	.....	− 8 39	....
41	τ Ceti	9	39 55.37	− 0.61	− **5.29**	304 36	......	....	.....	1 39 49.51	.....	−16 24	....
42	ξ¹ Ceti	9	8 14.97	− 0.53	− **5.25**	329 26	......	....	.....	2 8 9.19	.....	+ 8 25	....
43	67 Ceti	9	12 31.22	− 0.56	− **5.25**	314 10	......	....	.....	2 12 25.41	.....	− 6 50	....
44	ξ² Ceti	9	23 23.51	− 0.53	− **5.23**	329 4	......	....	.....	2 23 17.73	.....	+ 8 3	....
45	γ Ceti	8	38 39.42	− 0.53	− **5.25**	323 52	......	....	.....	2 38 33.64	.....	+ 2 51	....
46	η Eridani	9	52 3.30	− 0.57	− **5.20**	311 46	......	....	.....	2 51 57.48	.....	− 9 15	....
47	Venus II, S	9	46 11.98	− 0.55	− 5.30	338 47 52.68	44.210	− 5.85	− 22.0	7 46 6.13	− 0.96	+17 46 2.9	....
	September 3, M.												
48	Sun I, N	9	48 1.68	− 0.56	− 5.31	328 49 52.82	44.098	− 5.44	− 34.0	10 47 55.81	+64.22	+ 7 47 48.9	....
49	Sun II, S	9	50 10.12	− 0.56	− 5.31	328 17 52.40	44.840	− 5.44	− 34.7	10 50 4.25	−64.22	+ 7 16 5.0	....
50	Mercury C, C	9	36 54.58	− 0.57	− 5.31	324 27 51.78	47.095	− 5.41	− 40.0	11 36 48.70	+ 0.01	+ 3 26 50.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
31 1 11	......	....	61.0
1 32	30.024	62.2	61.0
1 54	......	....	61.0
2 21	......	....	61.0
2 27	30.012	62.3	61.0
3 0	......	....	60.8
3 12	30.013	62.2	60.5
2 10 47	29.71	75.7	77 2
15 47	29.71	78.7	79.1
20 5	29.78	69.7	68.7
20 23	29.785	69.3	68.3
7 46	29.98	61.8	60.7
3 10 50	29.972	66.0	65.2
11 37	29.97	67.2	66.2

Micrometer bisections are made at II, VI, except as noted below.

1. Bisections at b_1, b_3, b_5, b_7, b_9.
2. Bisections at III, V, VI, VII.
4, 5, 14. Bisections at III, V.
6, 11, 18. Bisections at III, IV, V.
17. Bisections at II, VI, VII.
20. Bisections at b_1, b_5, b_7, b_9.
29, 48. Bisections at I, II.
30, 49. Bisections at VI, VII.
31. Bisections at II, III, IV, V, VI.
47, 50. Bisections at I, II, VI, VII.

Notes.

21–28. Conditions poor.
32–37. Conditions very poor; haze and clouds.
37. Degrees and minutes of circle reading assumed.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
29	+ 4.4	−15 52.1	...	−15 47.7
30	+ 4.5	+15 52.2	...	+15 56.7
31	+47 9.0	−15 29.0	...	+31 40.0
47	+ 5.1	+ 13.9	...	+ 19.0
48	+ 4.5	−15 51.9	...	−15 47.4
49	+ 4.6	+15 51.9	...	+15 56.5
50	+ 3.7	.. ....	− 0.1	+ 3.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Moon I, N.	9	42 26.06	− 0.63	− 5.36	299 57 49.65	46.500	− 5.42	−1 36.4	16 42 20.07	+69.78	−21 4 21.5	....
2	δ Ursæ Minoris	9	2 8.67	− 5.52	− 5.36	47 37 49.82	43.643	− 5.49	+1 1.9	18 1 57.79	.....	+86 37 11.2	....
3	B. D.+38°3109	9	9 39.31	− 0.57	− 5.37	359 35 51.02	45.060	− 5.49	− 0.3	18 9 33.37	− 1.32	+38 34 42.7	−17.0
4	B. D.+35°3205	9	14 16.29	− 0.55	− 5.37	356 21 50.92	44.545	− 5.49	− 3.5	18 14 10.37	− 1.37	+35 20 27.7	−16.5
5	B. D.+38°3150	9	18 41.41	− 0.56	− 5.37	359 17 50.65	48.375	− 5.49	− 0.6	18 18 35.48	− 1.38	+38 17 57.8	−17.0
6	B. D.+36°3130	9	23 35.22	− 0.56	− 5.37	357 7 51.22	45.550	− 5.49	− 2.8	18 23 29.29	− 1.42	+36 6 51.7	−16.7
7	B. D.+39°3445	9	28 34.66	− 0.57	− 5.37	0 49 49.55	48.095	− 5.49	+ 0.9	18 28 28.72	− 1.44	+39 49 51.8	−17.3
8	α Lyræ	9	33 56.82	− 0.57	− 5.37	359 41 51.48	48.920	− 5.49	− 0.2	18 33 50.88	.....	+38 42 11.5	....
9	B. D.+36°3239	9	39 14.26	− 0.56	− 5.37	357 27 51.32	48.512	− 5.49	− 2.4	18 39 8.33	− 1.52	+36 27 59.8	−16.9
10	B. D.+35°3361	9	43 59.47	− 0.55	− 5.37	356 47 51.85	45.340	− 5.49	− 3.1	18 43 53.55	− 1.54	+35 46 47.2	−16.8
11	B. D.+39°3551	9	47 42.97	− 0.57	− 5.37	0 13 50.65	48.940	− 5.49	+ 0.3	18 47 37.03	− 1.56	+39 14 11.6	−17.3
12	51 H. Cephei s. P.	7	57 35.03	+ 6.43	− 5.37	53 47 50.20	46.732	− 5.49	+1 17.4	6 57 36.09	.....	+87 11 21.7	....
13	ζ Aquilæ	9	1 18.49	− 0.52	− **5.35**	334 45 52.05	43.825	− 5.49	− 26.6	19 1 12.60	.....	+13 43 49.3	....
14	B. D.+38°3462	9	7 25.18	− 0.56	− 5.37	359 25 50.88	45.675	− 5.49	− 0.5	19 7 19.25	− 1.68	+38 24 56.4	−17.2
15	d Sagittarii	9	12 23.24	− 0.61	− **5.41**	301 55 48.75	44.770	− 5.49	−1 30.5	19 12 17.26	.....	−19 6 56.2	....
16	B. D.+39°3731	9	17 28.38	− 0.57	− 5.37	0 45 52.52	47.142	− 5.49	+ 0.8	19 17 22.44	− 1.75	+39 45 32.9	−17.3
17	B. D.+35°3658	9	27 34.73	− 0.56	− 5.37	357 1 52.12	49.542	− 5.49	− 2.9	19 27 28.80	− 1.80	+36 2 23.6	−16.8
18	B. D.+39°3831	9	32 35.85	− 0.57	− 5.37	0 49 51.48	47.738	− 5.49	+ 0.9	19 32 29.91	− 1.84	+39 49 45.6	−17.2
19	B. D.+39°3876	9	38 37.84	− 0.57	− 5.37	0 47 52.00	50.062	− 5.49	+ 0.9	19 38 31.90	− 1.87	+39 48 39.2	−17.1
20	B. D.+38°3758	9	44 19.64	− 0.56	− 5.37	359 11 51.80	46.055	− 5.49	− 0.7	19 44 13.71	− 1.90	+38 11 5.8	−16.9
21	β Aquilæ	9	50 55.54	− 0.53	− **5.37**	327 11 49.42	47.000	− 5.49	− 36.5	19 50 49.64	.....	+ 6 10 49.4	....
22	γ Sagittæ	9	54 47.78	− 0.52	− **5.38**	340 15 51.48	46.138	− 5.49	− 20.3	19 54 41.89	.....	+19 14 47.9	....
23	B. D.+39°4007	9	58 23.27	− 0.57	− 5.37	1 3 51.35	45.532	− 5.49	+ 1.1	19 58 17.33	− 1.98	+40 2 55.2	−16.9
24	B. D.+39°4054	9	5 40.24	− 0.57	− 5.37	0 31 52.92	48.442	− 5.49	+ 0.6	20 5 34.30	− 2.02	+39 32 2.8	−16.8
25	B. D.+38°3963	9	10 43.78	− 0.57	− 5.37	359 53 50.62	45.995	− 5.49	0.0	20 10 37.84	− 2.04	+38 53 4.0	−16.6
26	β Capricorni	9	15 58.83	− 0.59	− **5.34**	305 57 48.78	46.202	− 5.49	−1 17.9	20 15 52.87	.....	−15 4 10.9	....
27	π Capricorni	9	22 11.67	− 0.60	− **5.38**	302 31 48.10	45.410	− 5.49	−1 28.6	20 22 5.70	.....	−18 30 40.3	....
	September 3, P.												
28	g Piscium	9	6 4.97	− 0.53	+ 0.01	351 57 50.72	44.365	− 5.72	− 8.1	1 6 4.45	− 2.31	+30 56 18.5	− 7.4
29	l Ursæ Minoris s. P.	9	18 3.17	+ 3.70	+ 0.01	55 45 51.05	44.214	− 5.78	+1 24.6	13 18 6.88	+12.31	+85 14 11.6	− 6.2
30	η Piscium	9	26 36.11	− 0.52	**0.00**	335 53 52.75	45.650	− 5.82	− 25.7	1 26 35.60	.....	+14 52 32.3	....
31	υ Andromedæ	9	31 26.53	− 0.56	+ 0.01	1 57 52.02	45.310	− 5.84	+ 2.0	1 31 25.98	.....	+40 56 51.4	....
32	φ Persei	9	37 56.61	− 0.63	+ 0.01	11 13 51.50	46.830	− 5.87	+ 11.5	1 37 55.99	.....	+50 13 35.0	....
33	ζ Ceti	9	46 57.64	− 0.58	+ **0.02**	310 15 51.38	43.362	− 5.91	−1 7.7	1 46 57.07	.....	−10 47 3.4	....
34	α Arietis	9	2 1.63	− 0.52	**0.00**	344 3 51.50	43.482	− 5.97	− 16.4	2 2 1.11	.....	+23 1 50.6	....
35	γ Trianguli	9	11 53.12	− 0.54	0.00	354 25 52.92	47.212	− 6.02	− 5.5	2 11 52.58	.....	+33 25 28.1	....
36	ο Ceti	9	14 44.17	− 0.55	0.00	317 37 51.92	46.972	− 6.03	− 52.4	2 14 43.62	.....	− 3 23 25.2	....
37	ξ² Ceti	9	23 18.31	− 0.53	− **0.01**	329 5 52.10	42.355	− 6.07	− 34.4	2 23 17.78	.....	+ 8 3 7.4	....
38	36 H. Cassiopeiæ	9	29 21.16	− 1.14	0.00	33 25 48.20	44.050	− 6.10	+ 38.1	2 29 20.02	.....	+72 24 54.6	....
39	σ Arietis	9	46 26.92	− 0.52	+ **0.04**	335 43 52.70	45.322	− 6.17	− 25.9	2 46 26.40	.....	+14 42 24.2	....
40	η Eridani	9	51 58.09	− 0.57	+ **0.04**	311 45 51.45	47.212	− 6.21	−1 4.4	2 51 57.52	.....	− 9 15 32.3	....
41	α Ceti	9	57 30.37	− 0.53	− **0.06**	324 45 51.78	44.932	− 6.22	− 40.7	2 57 29.84	.....	+ 3 43 59.5	....
42	12 Eridani	9	8 11.96	− 0.69	0.00	291 41 51.90	47.908	− 6.27	−2 23.5	3 8 11.27	.....	−29 20 35.1	....
43	1 H. Ursæ Minoris s. P.	9	13 33.08	+ 0.77	0.00	73 15 50.60	45.553	− 6.30	+3 10.3	15 13 33.85	.....	+67 41 56.4	....
44	2 H. Camelopardalis	9	21 39.86	− 0.74	0.00	20 37 51.70	45.248	− 6.33	+ 21.8	3 21 39.12	.....	+59 37 8.8	....
45	Venus II, N.	9	49 47.30	− 0.53	− 0.01	338 43 51.82	46.856	− 6.05	− 21.9	7 49 46.76	− 0.95	+17 43 2.5	....
	September 4, P.												
46	Sun I, N.	9	51 33.44	− 0.54	− 0.02	328 27 52.58	43.922	− 5.75	− 34.1	10 51 32.88	+64.28	+ 7 25 44.2	....
47	Sun II, S.	9	53 42.01	− 0.54	− 0.02	327 55 52.82	44.480	− 5.75	− 34.8	10 53 41.45	−64.29	+ 6 53 56.7	....
	September 4, M.												
48	Moon I, N.	9	42 3.48	− 0.69	+ 0.07	297 35 48.60	48.248	− 5.27	−1 46.5	17 42 2.86	+72.22	−23 25 52.6	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
3 16 42	29.945	68.2	67.8
17 49	29.95	65.0	63.8
18 12	....	....	63.2
18 37	....	....	62.5
18 52	29.97	63.2	62.0
19 25	29.97	62.5	61.2
19 47	....	....	60.9
20 2	....	....	60.7
20 26	29.97	61.8	60.6
1 4	30.024	56.0	54.5
1 23	....	....	54.0
1 54	29.978	56.0	54.9
2 9	....	....	54.0
2 36	29.976	55.0	53.0
3 5	....	....	53.0
3 24	29.982	54.9	52.9
7 47	[illegible]	65.3	65.2
4 10 54	30.040	72.8	71.9
17 42	29.96	68.0	[illegible]

Micrometer bisections are made at II, VI, except as noted below.

1, 48. Bisections at II, III, IV, V, VI.
2. Bisections at b_1, b_3, b_5.
12. Bisections at b_5, b_7, b_8, b_9.
29. Bisections at b_1, b_3, b_5, b_7, b_9.
38. Bisections at III, V.
43. Bisections at III, IV, V.
45. Bisections at I, II, VI, VII.
46. Bisections at I, II.
47. Bisections at VI, VII.

Notes.

6, 8, 14, 25. Observed head south.
11, 18, 19, 31. Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+49 40.8	−15 42.6	...	+33 58.2
45	+ 5.0	− 13.8	+0.1	− 8.7
46	+ 4.5	−15 53.7	...	−15 49.2
47	+ 4.6	+15 53.7	...	+15 58.3
48	+51 37.5	−15 57.4	...	+35 40.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	72 Ophiuchi	9	3 1.21	− 0.57	+ **0.08**	330 34	......	....	. ....	18 3 0.70	.....	+ 9 33	....
2	ο Herculis	8	3 59.08	− 0.58	+ **0.04**	349 46	......	....	. ....	18 3 58.56	.....	+28 45	....
3	η Serpentis	9	16 35.04	− 0.59	+ **0.07**	318 6	......	....	. ....	18 16 34.51	.....	− 2 55	....
4	109 Herculis	9	19 48.59	− 0.57	+ **0.09**	342 44	......	....	. ....	18 19 48.08	.....	+21 43	....
5	3 H. Scuti	9	30 14.32	− 0.60	+ **0.05**	312 44	......	....	. ....	18 30 13.78	.....	− 8 18	....
	September 6, P.												
6	Moon I, S	9	50 49.27	− 0.65	− 0.11	296 53 47.10	45.072	− 4.39	−1 47.8	19 50 48.51	+74.64	−24 9 7.2	....
7	τ Aquilæ	9	59 41.36	− 0.56	− **0.07**	328 1 50.20	48.162	− 4.41	− 34.3	19 59 40.69	.....	+ 7 1 20.0	....
8	θ Aquilæ	9	6 36.27	− 0.56	− **0.14**	319 55 48.22	46.660	− 4.43	− 46.2	20 6 35.60	.....	− 1 5 28.2	....
9	33 Cygni	9	11 18.83	− 0.80	− 0.11	17 17 49.32	46.382	− 4.44	+ 17.2	20 11 17.92	.....	+56 17 29.7	....
10	ρ Capricorni	9	23 39.84	− 0.60	− **0.08**	302 55 47.98	44.505	− 4.47	−1 24.7	20 23 39.13	.....	−18 6 56.2	....
11	ε Delphini	9	28 51.84	− 0.56	− **0.13**	331 59 50.70	48.858	− 4.48	− 29.2	20 28 51.17	.....	+10 59 41.4	....
12	6 H. Cephei	9	43 7.59	− 0.82	− 0.11	18 15 49.45	45.760	− 4.52	+ 18.3	20 43 6.66	− 2.48	+57 15 16.6	−17.1
13	76 Draconis	9	49 26.94	− 2.78	− 0.11	43 11 49.52	45.580	− 4.53	+ 51.9	20 49 24.05	.....	+82 11 46.2	....
14	η Capricorni	9	59 13.38	− 0.61	− 0.11	300 49 48.58	44.720	− 4.56	−1 32.0	20 59 12.66	− 2.39	−20 12 57.9	− 9.1
15	ν Aquarii	9	4 38.02	− 0.58	− **0.10**	309 17 48.28	44.985	− 4.57	−1 7.2	21 4 37.33	.....	−11 44 27.6	....
16	α Equulei	9	11 16.38	− 0.56	− **0.10**	325 53 47.75	45.652	− 4.58	− 37.3	21 11 15.71	.....	+ 4 52 17.0	....
17	1 H. Draconis s. p.	9	23 55.31	+ 2.37	− 0.11	59 15 47.70	44.958	− 4.62	+1 32.8	9 23 57.57	.....	+81 43 48.6	....
18	41 Capricorni	9	36 49.86	− 0.63	− 0.11	297 21 46.50	46.430	− 4.65	−1 46.0	21 36 49.12	− 2.51	−23 40 35.2	−10.3
19	2 Lacertæ	9	17 16.86	− 0.65	− 0.11	7 5 49.80	44.590	− 4.75	+ 6.9	22 17 16.10	− 2.64	+46 4 38.7	−13.7
20	σ Aquarii	9	25 49.90	− 0.57	− **0.12**	309 53 47.82	44.355	− 4.78	−1 5.9	22 25 49.22	.....	−11 8 41.3	....
21	49 G. Piscis Australis	9	33 43.40	− 0.69	− 0.11	287 29 47.65	47.152	− 4.80	−2 52.5	22 33 42.60	− 2.71	−33 33 24.1	−12.2
22	η Pegasi	9	38 44.41	− 0.56	− **0.11**	350 45 49.92	45.378	− 4.82	− 8.9	22 38 43.74	.....	+29 44 41.0	....
23	β Pegasi	9	59 21.92	− 0.55	− **0.15**	348 35 49.80	47.135	− 4.88	− 11.1	22 59 21.25	.....	+27 35 18.8	....
24	φ Aquarii	9	9 36.56	− 0.56	− **0.14**	314 29 47.40	44.685	− 4.91	− 56.2	23 9 35.88	.....	− 6 32 24.6	....
25	11 G. Sculptoris	9	16 24.88	− 0.64	− 0.12	293 33 47.18	45.745	− 4.92	−2 5.9	23 16 24.12	− 2.55	−27 29 10.2	−14.8
26	κ Piscium	9	22 15.97	− 0.54	− **0.10**	321 47 49.40	43.542	− 4.94	− 43.5	23 22 15.31	.....	+ 0 45 23.9	....
27	λ Draconis s. p.	9	25 54.17	+ 0.90	− 0.12	71 7 47.08	46.028	− 4.95	+2 41.1	11 25 54.95	.....	+69 50 17.0	....
28	κ Andromedæ	9	35 55.92	− 0.63	− 0.12	4 49 49.40	47.428	− 4.98	+ 4.8	23 35 55.17	− 2.72	+43 49 40.8	−10.2
29	ω² Aquarii	9	38 0.31	− 0.58	− 0.12	305 59 48.05	44.155	− 5.03	−1 16.0	23 37 59.61	.....	−15 2 56.0	....
30	318 B. Cephei	9	11 7.89	− 1.59	− 0.12	37 25 50.18	47.715	− 5.09	+ 42.6	0 11 6.18	− 6.14	+76 26 25.8	− 2.7
31	ρ Andromedæ	9	16 19.61	− 0.59	− 0.12	358 27 50.40	47.830	− 5.10	− 1.4	0 16 18.90	− 2.57	+37 27 44.7	− 9.2
32	77 G. Sculptoris	9	29 11.34	− 0.66	− 0.12	290 59 40.52	45.772	− 5.14	−2 23.3	0 29 10.56	− 2.38	−30 3 33.8	−17.8
33	Saturn I, C	5	35 14.82	− 0.54	− 0.12	321 57 48.58	48.635	− 5.16	− 43.4	0 35 14.16	+ 0.68	+ 0 55 44.1	....
34	Saturn II	5	35 16.19	− 0.54	− 0.12	... .	......	....	. ....	0 35 15.53	− 0.69	.. ..	....
	September 7, M.												
35	B. D.+38°3109	9	9 33.88	− 0.57	− 0.08	359 35 50.18	45.125	− 5.00	− 0.3	18 9 33.23	− 1.22	+38 34 43.8	−17.3
36	B. D.+35°3205	9	14 10.92	− 0.56	− 0.08	356 21 49.45	44.628	− 5.00	− 3.5	18 14 10.28	− 1.27	+35 20 28.6	−16.8
37	B. D.+38°3150	9	18 36.01	− 0.57	− 0.08	359 17 50.15	48.435	− 5.00	− 0.6	18 18 35.36	− 1.28	+38 17 59.2	−17.4
38	B. D.+36°3130	9	23 29.80	− 0.56	− 0.08	357 7 50.78	45.572	− 5.00	− 2.7	18 23 29.16	− 1.32	+36 6 52.3	−17.0
39	B. D.+39°3445	9	28 29.33	− 0.57	− 0.08	0 49 49.02	48.088	− 5.00	+ 0.9	18 28 28.68	− 1.34	+39 49 51.6	−17.7
40	α Lyræ	9	33 51.46	− 0.57	− 0.08	359 41 50.28	48.962	− 5.00	− 0.2	18 33 50.81	.....	+38 42 11.7	....
41	B. D.+36°3239	9	39 8.96	− 0.56	− 0.08	357 27 49.78	48.598	− 5.00	− 2.4	18 39 8.32	− 1.42	+36 28 0.7	−17.3
42	B. D.+35°3361	9	43 54.05	− 0.56	− 0.08	356 47 50.30	45.440	− 5.00	− 3.1	18 43 53.41	− 1.45	+35 46 48.4	−17.2
43	ε Aquilæ	9	55 29.05	− 0.53	− **0.08**	335 57 50.55	46.442	− 5.00	− 25.0	18 55 28.44	.....	+14 56 49.7	....
44	ζ Aquilæ	9	1 13.16	− 0.53	− **0.06**	334 45 49.12	43.968	− 5.00	− 26.4	19 1 12.55	.....	+13 43 50.3	....
45	B. D.+38°3462	9	7 19.83	− 0.57	− 0.08	359 25 49.15	45.738	− 5.00	− 0.5	19 7 19.18	− 1.59	+38 24 56.6	−17.7
46	d Sagittarii	9	12 17.88	− 0.61	− **0.10**	301 55 47.78	44.760	− 5.00	−1 29.8	19 12 17.19	.....	−19 6 56.2	....
47	B. D.+39°3731	9	17 23.07	− 0.57	− 0.08	0 45 50.38	47.208	− 5.00	+ 0.8	19 17 22.42	− 1.66	+39 45 32.8	−17.9
48	δ Aquilæ	9	20 54.07	− 0.54	− **0.09**	323 57 49.35	45.170	− 5.00	− 40.8	19 20 53.45	.....	+ 2 56 3.7	....
49	B. D.+35°3658	9	27 29.44	− 0.56	− 0.08	357 1 49.80	49.690	− 5.00	− 2.8	19 27 28.80	− 1.72	+36 2 25.3	−17.4
50	B. D.+39°3831	9	32 30.48	− 0.57	− 0.08	0 49 49.62	47.860	− 5.00	+ 0.9	19 32 29.83	− 1.75	+39 49 47.0	−17.9

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
6 19 48	29.682	72.0	71.1
20 5	......	....	71.0
20 37	29.686	71.1	70.5
21 8	......	....	70.0
21 30	......	....	69.8
21 39	29.680	70.0	69.2
22 15	29.688	70.1	70.0
22 40	......	....	69.5
23 5	......	....	68.5
23 30	29.670	69.0	68.0
23 41	......	....	67.9
0 14	29.674	67.9	67.0
0 37	29.690	67.2	66.5
7 18 7	29.92	67.8	66.3
18 31	......	....	65.8
18 58	29.935	66.6	65.0
19 11	......	....	65.0
19 24	29.94	66.3	65.1

Micrometer bisections are made at II, VI, except as noted below.

6.	Bisections at II, III, IV, V, VI.
13, 17, 27.	Bisections at III, IV, V.
14.	Bisection at II.
18.	Bisections at II, VI, VII.
21, 33.	Bisections at I, II, VI, VII.
25, 32.	Bisections at I, II, VI.
30.	Bisections at III, V.
33.	Z. D. threads C used.
38.	Bisections at II, VII.

Notes.

13.	Revolutions of micrometer reading assumed.
21.	Faint.
35–37, 41, 42, 49.	Observed head south.
39, 47.	Observed head north.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
6	+53 30.3	+16 25.6	...	+69 55.9
33	+ 0.6	.. ....	...	+ 0.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	B. D.+39°3876	8	38 32.50	− 0.57	− 0.08	0 47 50.38	50.162	− 5.00	+ 0.9	19 38 31.85	− 1.79	+39 48 40.4	−17.8
2	B. D.+38°3758	9	44 14.31	− 0.57	− 0.08	359 11 49.68	46.152	− 5.00	− 0.7	19 44 13.66	− 1.82	+38 11 6.4	−17.6
3	B. D.+38°3801	9	49 48.48	− 0.57	− 0.09	359 31 50.30	48.088	− 5.00	− 0.4	19 49 47.82	− 1.85	+38 31 51.6	−17.7
4	γ Sagittæ	9	54 42.43	− 0.53	− **0.07**	340 15 48.95	46.212	− 5.00	− 20.1	19 54 41.81	.....	+19 14 47.7	....
5	B. D.+39°4007	9	58 17.97	− 0.57	− 0.09	1 3 49.60	45.582	− 5.00	+ 1.1	19 58 17.31	− 1.90	+40 2 55.1	−17.7
6	B. D.+39°4054	9	5 34.94	− 0.57	− 0.09	0 31 50.30	48.528	− 5.00	+ 0.6	20 5 34.28	− 1.94	+39 32 2.6	−17.6
7	B. D.+38°3963	9	10 38.49	− 0.57	− 0.09	359 53 48.72	46.055	− 5.00	0.0	20 10 37.83	− 1.97	+38 53 3.9	−17.5
8	β Capricorni	9	15 53.55	− 0.59	− [illegible]	305 57 46.98	46.202	− 5.00	−1 17.2	20 15 52.87	.....	−15 4 11.5	....
9	π Capricorni	9	22 6.32	− 0.61	− **0.05**	302 31 45.38	45.452	− 5.00	−1 27.8	20 22 5.62	.....	−18 30 40.8	....
10	Moon I, S	9	56 30.74	− 0.64	− 0.09	299 23 46.88	44.434	− 4.92	−1 39.3	20 56 30.01	+74.12	−21 39 14.1	....
	September 7, P.												
11	g Piscium	9	6 5.28	− 0.47	− 0.19	351 57 49.32	44.420	− 5.46	− 7.9	1 6 4.62	− 2.39	+30 56 18.9	− 8.5
12	l Ursæ Minoris s. p.	9	18 2.72	+ 3.01	− 0.19	55 45 50.15	44.341	− 5.46	+1 23.4	13 18 5.54	+12.90	+85 14 10.5	− 4.7
13	η Piscium	9	26 36.39	− 0.47	− **0.25**	335 53 50.10	45.715	− 5.46	− 25.3	1 26 35.73	.....	+14 52 31.9	....
14	υ Andromedæ	9	31 26.91	− 0.49	− 0.19	1 57 49.68	45.380	− 5.46	+ 2.0	1 31 26.23	.....	+40 56 51.0	....
15	φ Persei	9	37 56.87	− 0.54	− 0.19	11 13 49.55	46.948	− 5.46	+ 11.4	1 37 56.14	.....	+50 13 36.1	....
16	ζ Ceti	9	46 57.88	− 0.53	− **0.19**	310 15 49.90	43.370	− 5.46	−1 6.9	1 46 57.16	.....	−10 47 3.4	....
17	α Arietis	9	2 1.91	− 0.46	− **0.24**	344 3 49.68	43.538	− 5.46	− 16.2	2 2 1.26	.....	+23 1 50.8	....
18	γ Trianguli	9	11 53.36	− 0.47	− 0.20	354 25 50.88	47.285	− 5.46	− 5.5	2 11 52.69	.....	+33 25 28.3	....
19	ι Cassiopeiæ	9	21 33.16	− 0.77	− 0.20	27 59 49.98	45.338	− 5.46	+ 30.4	2 21 32.19	.....	+66 59 18.8	....
20	σ Ceti	9	27 46.18	− 0.56	− 0.20	305 23 49.15	45.268	− 5.46	−1 19.8	2 27 45.42	.....	−15 38 33.7	....
21	ν Arietis	9	33 38.03	− 0.46	− **0.17**	342 35 47.10	44.188	− 5.46	− 17.8	2 33 37.37	.....	+21 34 1.5	....
22	σ Arietis	9	46 27.23	− 0.47	− **0.22**	335 43 49.90	45.415	− 5.46	− 25.6	2 46 26.56	.....	+14 42 24.5	....
23	η Eridani	9	51 58.35	− 0.53	− **0.15**	311 45 49.58	47.230	− 5.46	−1 3.6	2 51 57.62	.....	− 9 15 32.2	....
24	α Ceti	9	57 30.57	− 0.49	− **0.20**	324 45 48.18	45.065	− 5.46	− 40.2	2 57 29.88	.....	+ 3 44 0.2	....
25	12 Eridani	9	8 12.19	− 0.65	− 0.20	291 41 49.75	47.879	− 5.46	−2 21.8	3 8 11.34	.....	−29 20 35.3	....
26	1 H. Ursæ Minoris s. p.	9	13 33.06	+ 0.63	− 0.20	73 15 50.05	45.632	− 5.46	+3 8.2	15 13 33.49	.....	+67 41 56.5	....
27	Venus II, S	9	4 52.88	− 0.53	− 0.19	338 25 53.35	45.429	− 5.56	− 22.3	8 4 52.16	− 0.91	+17 24 31.5	....
	September 8, P.												
28	Sun I, S	9	5 59.06	− 0.48	− 0.20	326 25 49.40	46.045	− 5.69	− 37.0	11 5 58.38	+64.20	+ 5 24 26.7	....
29	Sun II, N	9	8 7.45	− 0.48	− 0.20	326 57 51.02	45.470	− 5.69	− 36.3	11 8 6.77	−64.19	+ 5 56 16.1	....
30	Mercury I, C	9	6 22.58	− 0.47	− 0.20	320 39 50.55	44.814	− 5.82	− 45.6	12 6 21.91	+ 0.17	− 0 22 8.9	....
31	Moon I, S	9	0 38.31	− 0.63	− 0.20	303 27 48.60	46.442	− 5.62	−1 25.5	22 0 37.48	+72.73	−17 34 13.4	....
32	2 Lacertæ	9	17 16.91	− 0.57	− 0.20	7 5 48.10	44.710	− 5.62	+ 7.1	22 17 16.14	− 2.63	+46 4 39.0	−14.3
33	σ Aquarii	9	25 49.98	− 0.57	− **0.20**	309 53 49.35	44.458	− 5.62	−1 8.0	22 25 49.21	.....	−11 8 40.4	....
34	η Pegasi	9	38 44.50	− 0.51	− **0.25**	350 45 48.75	45.510	− 5.62	− 9.2	22 38 43.79	.....	+29 44 41.7	....
35	μ Pegasi	9	45 36.86	− 0.50	− **0.23**	345 7 49.52	47.175	− 5.62	− 15.1	22 45 36.16	.....	+24 7 14.7	....
36	β Pegasi	9	59 21.93	− 0.50	− **0.20**	348 35 48.82	47.198	− 5.62	− 11.4	22 59 21.23	.....	+27 35 18.2	....
37	φ Aquarii	9	9 36.66	− 0.55	− **0.24**	314 29 49.50	44.690	− 5.62	− 57.9	23 9 35.91	.....	− 6 32 24.8	....
38	τ Pegasi	9	16 8.06	− 0.50	− **0.25**	344 15 49.45	45.272	− 5.62	− 16.0	23 16 7.36	.....	+23 14 30.2	....
39	κ Piscium	9	22 16.07	− 0.52	− **0.20**	321 47 49.80	43.648	− 5.62	− 44.8	23 22 15.35	.....	+ 0 45 24.7	....
40	κ Andromedæ	9	35 55.92	− 0.54	− 0.20	4 49 50.58	47.430	− 5.62	+ 4.9	23 35 55.18	− 2.74	+43 49 41.5	−10.8
41	ω^2 Aquarii	9	38 0.36	− 0.58	− 0.20	305 59 49.02	44.255	− 5.62	−1 18.4	23 37 59.58	.....	−15 2 55.8	....
42	33 Piscium	9	0 40.71	− 0.54	− **0.22**	314 47 49.60	48.332	− 5.62	− 57.5	0 0 39.97	.....	− 6 13 1.1	....
43	318 B. Cephei	9	11 7.59	− 1.28	− 0.20	37 25 49.42	47.795	− 5.62	+ 44.0	0 11 6.11	− 6.18	+76 26 27.7	− 3.4

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
7 19 47	......	....	65.0
20 1	......	....	64.9
20 27	29.95	65.7	65.1
20 57	[illegible]	65.7	65.0
1 4	29.984	63.0	63.0
1 11	......	....	61.8
1 15	......	....	61.5
1 35	......	....	60.8
1 50	[illegible]	62.0	60.3
2 10	......	....	59.9
2 31	29.993	61.0	59.3
2 50	......	....	59.0
3 0	......	....	59.0
3 16	30.008	60.5	58.9
8 3	30.116	66.8	65.5
8 11 8	30.135	71.6	70.7
12 7	30.132	72.0	72.0
21 58	30.141	63.8	63.8
22 5	......	....	63.5
22 20	......	....	61.8
22 43	30.140	62.1	61.1
23 3	......	....	61.2
23 20	......	....	60.9
23 45	30.140	61.5	59.9
0 5	......	....	59.0
0 14	30.136	60.0	57.8

Micrometer bisections are made at II, VI, except as noted below.

10, 31.	Bisections at II, III, IV, V, VI.
12.	Bisections at b_1, b_3, b_5, b_7, b_9.
19, 43.	Bisections at III, V.
25, 27, 30.	Bisections at I, II, VI, VII.
26.	Bisections at III, IV, V.
28.	Bisections at I, II.
29.	Bisections at VI, VII.
41.	Bisections at II, VI, VII.

Notes.

2.	Observed head south.
5, 6.	Observed head north.
8, 9.	Unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
10	+52 49.5	+16 36.3	...	+69 25.8
27	+ 4.9	+ 13.1	...	+ 18.0
28	+ 4.8	+15 54.7	...	+15 59.5
29	+ 4.7	−15 54.6	...	−15 49.9
30	+ 4.2	.. ....	− 0.1	+ 4.1
31	+50 52.1	+16 42.5	...	+67 34.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Saturn I, C.	5	34 45.25	− 0.51	− 0.21	321 53 50.90	49.980	− 5.62	− 45.0	0 34 44.53	+ 0.75	+ 0 52 15.1	....
2	Saturn II.	5	34 46.76	− 0.51	− 0.21	... .	......	. ....	. ....	0 34 46.04	− 0.76	.. ..	....
	September 8, Fk.												
3	4 Ursæ Minoris S. P.	9	9 6.43	+ 1.37	− 0.19	62 59 51.70	46.357	− 5.99	+1 52.4	14 9 7.61	.....	+77 58 54.5	....
4	ξ^2 Ceti.	9	23 18.59	− 0.52	**− 0.18**	329 5 51.50	42.360	− 5.99	− 34.3	2 23 17.88	.....	+ 8 3 7.1	....
5	ν Ceti.	9	31 5.26	− 0.52	**− 0.19**	326 13 50.85	44.288	− 5.99	− 38.4	2 31 4.55	.....	+ 5 11 46.4	....
6	μ Ceti.	9	40 0.56	− 0.52	**− 0.14**	330 45 51.02	44.048	− 5.99	− 32.1	2 39 59.85	.....	+ 9 43 47.4	....
7	σ Arietis.	9	46 27.24	− 0.51	**− 0.16**	335 43 51.85	45.355	− 5.99	− 25.9	2 46 26.54	.....	+14 42 24.3	....
8	ε Arietis (*mean*).	9	53 59.52	− 0.51	**− 0.17**	341 59 52.95	45.332	− 5.99	− 18.6	2 53 58.82	.....	+20 58 32.1	....
9	γ Persei.	9	58 10.91	− 0.64	− 0.19	14 9 54.10	44.555	− 5.99	+ 14.6	2 58 10.08	.....	+53 8 48.7	....
10	57 B. Ursæ Minoris S. P.	8	6 8.92	+ 7.09	− 0.19	53 23 53.55	46.521	− 5.99	+1 17.4	15 6 15.82	.....	+87 35 23.6	....
11	1 H. Ursæ Minoris S. P.	8	13 32.99	+ 0.73	− 0.19	73 15 54.52	45.442	− 5.99	+3 9.5	15 13 33.53	.....	+67 41 55.6	....
12	s Tauri.	9	25 25.03	− 0.52	− 0.19	332 1 52.18	48.372	− 5.99	− 30.4	3 25 24.32	− 1.68	+11 1 29.1	− 9.3
13	11 H^1. Camelopardalis.	9	34 13.53	− 0.79	− 0.19	23 55 54.68	44.762	− 5.99	+ 25.6	3 34 12.55	− 2.83	+62 55 5.0	+ 7.4
14	ν Persei.	9	38 59.10	− 0.56	− 0.19	3 17 54.15	46.428	− 5.99	+ 3.4	3 38 58.35	.....	+42 17 20.4	....
15	γ Eridani.	9	53 46.38	− 0.58	**− 0.20**	307 15 49.70	46.848	− 5.99	−1 15.4	3 53 45.61	.....	−13 45 53.2	....
16	ν Tauri.	9	58 17.81	− 0.52	**− 0.12**	326 45 50.30	45.642	− 5.99	− 37.7	3 58 17.10	.....	+ 5 44 17.5	....
17	174 G. Eridani.	9	1 52.01	− 0.67	− 0.19	293 7 52.12	49.348	− 5.99	−2 13.6	4 1 51.15	− 1.24	−27 53 51.8	−19.5
18	151 H^1. Cephei.	9	7 37.72	− 3.79	− 0.19	46 17 56.62	47.107	− 5.99	+1 0.5	4 7 33.74	.....	+85 18 35.2	....
19	Venus I, S.	9	8 44.37	− 0.48	− 0.18	338 19 52.35	46.531	− 6.20	− 22.4	8 8 43.71	− 0.90	+17 18 54.9	....
	September 9, Fk.												
20	Sun I, S.	9	9 35.01	− 0.48	− 0.18	326 3 51.05	44.352	− 5.19	− 37.4	11 9 34.35	+64.09	+ 5 1 49.7	....
21	Sun II, N.	9	11 43.18	− 0.48	− 0.18	326 35 50.38	43.892	− 5.19	− 36.7	11 11 42.52	−64.08	+ 5 33 39.5	....
22	Mercury I, C.	9	12 3.58	− 0.52	− 0.18	319 53 50.25	47.794	− 4.86	− 46.7	12 12 2.88	+ 0.17	− 1 7 1.2	....
23	32 H. Cephei.	4	21 2.72	− 4.52	− 0.20	46 39 53.15	42.905	− 5.22	+1 0.4	22 20 58.00	−14.36	+85 38 56.5	−10.4
24	η Pegasi.	9	38 44.44	− 0.55	**− 0.15**	350 45 52.28	45.315	− 5.22	− 9.2	22 38 43.69	.....	+29 44 41.2	....
25	μ Pegasi.	9	45 36.82	− 0.54	**− 0.15**	345 7 52.32	47.002	− 5.22	− 15.1	22 45 36.08	.....	+24 7 13.9	....
26	ϑ Aquarii.	9	49 49.46	− 0.59	**− 0.26**	304 43 51.40	45.835	− 5.22	−1 21.9	22 49 48.67	.....	−16 18 20.4	....
27	Moon I, S.	9	2 11.17	− 0.60	− 0.20	308 45 50.68	46.562	− 5.22	−1 10.8	23 2 10.37	+71.02	−12 15 52.5	....
28	φ Aquarii.	9	9 36.68	− 0.56	**− 0.24**	314 29 49.70	44.670	− 5.22	− 57.9	23 9 35.92	.....	− 6 32 24.7	....
29	τ Pegasi.	9	16 8.07	− 0.54	**− 0.21**	344 15 52.98	45.052	− 5.22	− 16.0	23 16 7.33	.....	+23 14 29.2	....
30	κ Piscium.	9	22 16.08	− 0.54	**− 0.18**	321 47 50.32	43.585	− 5.22	− 44.9	23 22 15.34	.....	+ 0 45 24.1	....
31	λ Piscium.	9	37 24.21	− 0.54	− 0.20	322 17 49.65	47.010	− 5.22	− 44.0	23 37 23.47	− 2.33	+ 1 16 42.6	−14.9
	September 10, P.												
32	Moon II, S.	9	3 22.98	− 0.55	− 0.29	314 49 49.75	43.084	− 5.91	− 56.9	0 3 22.14	−69.51	− 6 13 0.7	....
33	ε Piscium.	9	58 13.11	− 0.52	**− 0.31**	328 25 49.88	44.700	− 6.16	− 34.8	0 58 12.30	.....	+ 7 23 58.3	....
34	ζ^1 Piscium.	9	8 58.45	− 0.52	**− 0.29**	328 7 50.88	43.710	− 6.21	− 35.2	1 8 57.64	.....	+ 7 5 36.2	....
35	υ Piscium.	9	14 27.62	− 0.52	**− 0.31**	347 47 50.80	46.502	− 6.24	− 12.2	1 14 26.81	.....	+26 47 2.9	....
36	α Arietis.	9	2 2.06	− 0.50	**− 0.29**	344 3 51.45	43.502	− 6.49	− 16.2	2 2 1.27	.....	+23 1 50.7	....
37	ξ^1 Ceti.	9	8 10.13	− 0.50	**− 0.26**	329 25 51.12	47.758	− 6.49	− 33.4	2 8 9.33	.....	+ 8 25 10.3	....
38	γ Trianguli.	9	11 53.66	− 0.52	− 0.30	354 25 52.10	47.293	− 6.49	− 5.5	2 11 52.84	.....	+33 25 28.6	....
39	ξ^2 Ceti.	9	23 18.73	− 0.50	**− 0.29**	329 5 50.42	42.402	− 6.49	− 33.9	2 23 17.93	.....	+ 8 3 6.9	....
40	ν Arietis.	9	33 38.21	− 0.49	**− 0.25**	342 35 51.12	44.062	− 6.49	− 17.8	2 33 37.42	.....	+21 34 1.6	....
41	γ Ceti.	9	38 34.65	− 0.51	**− 0.31**	323 51 51.92	48.032	− 6.49	− 41.4	2 38 33.84	.....	+ 2 51 9.5	....
42	41 Arietis.	9	44 36.84	− 0.50	**− 0.31**	347 53 49.60	46.540	− 6.49	− 12.1	2 44 36.04	.....	+26 53 2.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
8 0 36	30.131	59.0	56.5
2 5	30.13	59.1	58.7
2 26	......	....	57.0
2 44	30.125	58.2	57.0
3 2	......	....	57.8
3 29	30.13	58.2	57.1
3 49	......	....	56.3
4 15	30.14	57.0	55.7
8 6	30.215	66.5	66.2
9 11 12	30.225	73.8	74.0
12 7	30.21	74.6	75.0
22 28	30.15	63.7	62.1
22 54	......	....	61.2
23 14	30.15	62.6	60.8
23 34	......	....	60.6
23 50	30.145	61.9	60.2
10 23 59	30.033	63.8	62.9
0 13	......	....	62.6
0 59	30.030	63.2	62.0
1 18	......	....	62.1
2 0	30.022	63.0	61.7
2 20	......	....	61.1
2 41	......	....	61.0
2 48	30.010	62.2	60.9

Micrometer bisections are made at II, VI, except as noted below.

1. Z. D. threads C used.
1, 19, 22. Bisections at I, II, VI, VII.
3, 11, 18. Bisections at III, IV, V.
9, 13, 14. Bisections at III, V.
10. Bisections at b_1, b_2, b_3, b_5, b_7, b_8.
20. Bisections at I, II.
21, 37. Bisections at VI, VII.
23. Bisections at III, IV.
27. Bisections at II, III, IV, V.
32. Bisections at II, III, IV, V, VI.
38. Bisections at II, VI, VII.

Notes.

3–18. Unsteady.
8. Very poor.
10, 11. Very poor; diffuse and woolly.
23, 33, 34, 42. Clouds.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 0.6	.. ....	...	+ 0.6
19	+ 4.8	+ 12.9	...	+ 17.7
20	+ 4.8	+15 54.9	...	+15 59.7
21	+ 4.8	−15 54.9	...	−15 50.1
22	+ 4.4	.. ....	− 0.1	+ 4.3
27	+47 33.0	+16 43.3	...	+64 16.3
32	+43 0.8	+16 38.3	...	+59 39.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	α Persei	9	17 48.27	− 0.58	− 0.30	10 31 52.48	48.092	− 6.49	+ 10.7	3 17 47.39	.....	+49 32 3.4	....
2	ε Eridani	9	28 38.15	− 0.54	− **0.33**	311 15 51.10	46.395	− 6.49	−1 4.6	3 28 37.31	.....	− 9 45 51.8	....
	September 11, P.												
3	Sun I, N	9	16 46.37	− 0.52	− 0.31	325 49 51.78	45.155	− 5.27	− 37.5	11 16 45.54	+64.10	+ 4 48 8.6	....
4	Sun II, S	9	18 54.58	− 0.52	− 0.31	325 17 51.05	45.668	− 5.27	− 38.2	11 18 53.75	−64.11	+ 4 16 19.2	....
5	Mercury I, C	9	23 12.96	− 0.53	− 0.31	318 25 51.45	46.451	− 5.54	− 48.6	12 23 12.12	+ 0.17	− 2 35 33.3	....
	September 11, M.												
6	3 H. Scuti	9	30 14.48	− 0.57	− **0.25**	312 42	......	....	. ....	18 30 13.69	.....	− 8 18	....
7	4 H. Scuti	9	37 16.66	− 0.59	− **0.16**	311 54	......	....	. ....	18 37 15.85	.....	− 9 8	....
8	110 Herculis	9	41 44.38	− 0.56	− **0.26**	341 28	......	....	. ....	18 41 43.60	.....	+20 27	....
9	ω Aquilæ	9	13 32.35	− 0.55	− **0.22**	332 26	......	....	. ....	19 13 31.58	.....	+11 25	....
10	μ Aquilæ	9	29 38.24	− 0.55	− **0.16**	328 12	......	....	. ....	19 29 37.47	.....	+ 7 11	....
11	β Sagittæ	9	36 57.52	− 0.55	− **0.21**	338 16	......	....	. ....	19 36 58.75	.....	+17 15	....
12	γ Sagittæ	9	54 42.58	− 0.55	− **0.26**	340 14	......	....	. ....	19 54 41.81	.....	+19 14	....
13	θ Aquilæ	9	6 36.29	− 0.55	− **0.22**	319 56	......	....	. ....	20 6 35.52	.....	− 1 5	....
14	ρ Capricorni	9	23 39.92	− 0.59	− **0.22**	302 54	......	....	. ....	20 23 39.11	.....	−18 6	....
15	ε Delphini	9	28 51.85	− 0.54	− **0.21**	332 0	......	....	. ....	20 28 51.09	.....	+10 59	....
	September 11, Fk.												
16	Saturn I, C	3	33 59.46	− 0.54	− 0.31	321 49 50.62	46.408	− 5.10	− 44.2	0 33 58.61	+ 0.66	+ 0 46 54.5	....
17	Saturn II	4	34 0.78	− 0.54	− 0.31	... .	......	....	. ....	0 33 59.93	− 0.66	.. ..	....
18	β Ceti	8	39 1.58	− 0.60	− **0.29**	302 33 48.00	44.022	− 5.10	−1 27.8	0 39 0.67	.....	−18 29 11.0	....
19	δ Piscium	8	43 57.62	− 0.52	− **0.32**	328 7 50.10	43.025	− 5.10	− 35.0	0 43 56.79	.....	+ 7 5 21.1	....
20	μ Andromedæ	9	51 42.08	− 0.56	− 0.31	359 1 52.68	43.730	− 5.10	− 0.9	0 51 41.21	.....	+38 0 13.8	....
21	Moon II, N	9	0 5.28	− 0.54	− 0.31	321 39 50.10	45.097	− 5.10	− 44.4	1 0 4.43	−68.45	+ 0 37 58.9	....
22	χ Piscium	9	6 33.52	− 0.52	− 0.31	341 33 50.98	46.515	− 5.10	− 18.7	1 6 32.69	− 2.32	+20 32 58.0	−11.4
23	υ Piscium	9	14 27.63	− 0.52	− **0.30**	347 47 51.60	46.422	− 5.10	− 12.1	1 14 26.80	.....	+26 47 3.0	....
24	α Ursæ Minoris	9	27 16.78	−15.09	− 0.31	49 47 51.32	47.935	− 5.10	+1 6.8	1 27 1.38	.....	+88 48 54.9	....
25	τ Ceti	9	39 50.57	− 0.58	− **0.33**	304 37 51.12	44.195	− 5.10	−1 21.3	1 39 49.68	.....	−16 24 57.4	....
26	2 Persei	9	46 21.67	− 0.62	− 0.31	11 21 52.80	43.618	− 5.10	+ 11.4	1 46 20.74	− 2.87	+50 20 23.7	− 2.8
27	ξ¹ Ceti	9	8 10.22	− 0.50	− **0.32**	329 25 48.82	47.805	− 5.10	− 33.3	2 8 9.41	.....	+ 8 25 10.8	....
28	67 Ceti	9	12 26.49	− 0.53	− **0.35**	314 11 49.32	44.618	− 5.10	− 57.9	2 12 25.65	.....	− 6 50 26.2	....
29	ξ² Ceti	9	23 18.79	− 0.50	− **0.33**	329 5 50.20	42.380	− 5.10	− 33.7	2 23 17.98	.....	+ 8 3 7.8	....
30	57 B. Ursæ Minoris s. p.	9	6 8.12	+ 7.30	− 0.31	53 23 50.20	46.713	− 5.33	+1 16.1	15 6 15.11	.....	+87 35 22.9	....
31	Venus II, S	9	20 31.28	− 0.53	− 0.34	337 59 51.20	47.712	− 4.98	− 22.5	8 20 30.41	− 0.87	+16 59 21.8	....
	September 12, Fk.												
32	Sun I, N	9	20 22.00	− 0.49	− 0.34	325 25 49.70	48.190	− 4.76	− 37.6	11 20 21.17	+63.99	+ 4 25 16.3	....
33	Sun II, S	9	22 29.97	− 0.49	− 0.34	324 53 49.85	48.662	− 4.76	− 38.4	11 22 29.14	−63.98	+ 3 53 26.7	....
34	Mercury I, C	9	28 41.87	− 0.48	− 0.34	317 41 49.95	47.555	− 4.56	− 49.5	12 28 41.05	+ 0.17	− 3 19 9.4	....
	September 12, P.												
35	3 Draconis s. p.	9	37 18.63	+ 0.70	− 0.40	73 41 52.45	47.415	− 3.96	+3 9.9	11 37 18.93	.....	+67 15 10.1	....
36	φ Pegasi	9	47 51.76	− 0.53	− **0.45**	339 37 56.00	46.052	− 3.99	− 20.7	23 47 50.83	.....	+18 36 51.5	....
37	33 Piscium	9	0 40.87	− 0.55	− **0.34**	314 49 53.68	42.798	− 4.03	− 56.2	0 0 39.92	.....	− 6 13 0.7	....
38	318 B. Cephei	9	11 8.01	− 1.46	− 0.40	37 25 52.75	47.688	− 4.06	+ 43.0	0 11 6.15	− 6.27	+76 26 29.2	− 4.8
39	44 Piscium	9	20 44.40	− 0.53	− **0.36**	322 27 54.50	45.138	− 4.09	− 42.9	0 20 43.47	.....	+ 1 26 6.9	....
40	12 Ceti	9	25 23.88	− 0.54	− **0.40**	316 33 53.80	46.270	− 4.09	− 52.8	0 25 22.94	.....	− 4 27 37.8	....
41	β Ceti	9	39 1.66	− 0.58	− **0.38**	302 33 53.10	43.738	− 4.13	−1 27.2	0 39 0.68	.....	−18 29 10.8	....
42	ν Andromedæ	9	44 47.82	− 0.57	− 0.40	1 35 52.38	45.272	− 4.15	+ 1.6	0 44 46.85	.....	+40 34 52.2	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
10 3 15	......	....	60.5
3 40	30.010	61.8	60.3
11 11 19	30.01	73.8	74.4
12 24	29.982	76.5	77.4
0 30	29.90	65.1	63.7
0 50	......	....	63.0
1 12	29.885	64.3	63.0
1 32	......	....	63.1
1 55	29.89	63.9	62.0
2 19	29.885	63.6	62.1
3 0	29.875	63.1	61.9
3 15	29.875	63.2	62.1
8 21	29.895	67.5	67.0
12 11 22	29.90	76.8	77.9
12 25	29.88	78.5	79.4
23 34	29.780	66.0	64.2
23 45	......	....	64.8
23 57	......	....	65.0
0 15	29.780	66.0	64.5
0 35	......	....	65.0

Micrometer bisections are made at II, VI, except as noted below.

3, 32.	Bisections at I, II.
4, 33.	Bisections at VI, VII.
5, 16, 31, 34.	Bisections at I, II, VI, VII.
16.	Z. D. threads C used.
21.	Bisections at II, III, IV, V, VI.
24, 30, 35.	Bisections at III, IV, V.
26, 38.	Bisections at III, V.
37.	Bisections at II, VI, VII.

Notes.

18–30. Conditions poor.
30. Very faint.
35. Haze.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
3	+ 4.9	−15 54.7	...	−15 49.8
4	+ 4.9	+15 54.7	...	+15 59.6
5	+ 4.6	.. ....	− 0.1	+ 4.5
16	+ 0.6	.. ....	...	+ 0.6
21	+37 11.1	−16 28.2	...	+20 42.9
31	+ 4.7	+ 12.5	...	+ 17.2
32	+ 4.9	−15 54.8	...	−15 49.9
33	+ 5.0	+15 54.7	...	+15 59.7
34	+ 4.6	.. ....	− 0.1	+ 4.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	8 Draconis s. p.	9	51 46.86	+ 0.67	– 0.40	75 1 53.25	43.833	– 4.17	+3 26.6	12 51 47.13	.....	+65 56 14.7	....
2	e Piscium	9	3 40.92	– 0.52	– 0.40	326 11 53.58	44.838	– 4.20	– 37.4	1 3 40.00	– 2.25	+ 5 10 4.5	–14.3
3	χ Piscium	9	6 33.64	– 0.51	– 0.40	341 33 52.10	46.425	– 4.21	– 18.6	1 6 32.73	– 2.34	+20 32 58.0	–11.6
4	109 G. Sculptoris	9	19 17.55	– 0.65	– 0.40	289 37 53.38	46.746	– 4.24	–2 34.8	1 19 16.50	– 2.30	–31 25 9.4	–18.8
5	υ Persei	9	32 24.29	– 0.61	– 0.40	9 9 51.25	47.568	– 4.28	+ 9.1	1 32 23.28	.....	+48 9 50.8	....
6	τ Ceti	9	39 50.69	– 0.56	**– 0.45**	304 37 53.98	44.020	– 4.29	–1 20.8	1 39 49.73	.....	–16 24 57.2	....
7	ξ Piscium	9	48 50.53	– 0.51	**– 0.40**	323 45 53.70	45.588	– 4.30	– 41.0	1 48 49.62	.....	+ 2 44 18.1	....
8	Moon II, N.	9	55 30.27	– 0.51	– 0.40	327 43 53.80	46.460	– 4.34	– 35.3	1 55 29.36	–67.96	+ 6 42 43.6	....
	September 14, M.												
9	Sun I, S.	9	27 32.68	– 0.55	– 0.36	324 9 55.65	43.295	– 4.80	– 39.5	11 27 31.77	+63.95	+ 3 7 28.5	....
10	Sun II, N.	9	29 40.57	– 0.55	– 0.36	324 41 55.08	42.818	– 4.80	– 38.7	11 29 39.66	–63.94	+ 3 39 18.1	....
11	2 Lacertæ	9	17 17.00	– 0.61	– 0.38	7 5 54.80	44.505	– 5.50	+ 7.1	22 17 16.01	– 2.60	+46 4 41.3	–15.9
12	32 H. Cephei	9	21 2.56	– 4.25	– 0.38	46 39 53.05	42.998	– 5.50	+ 59.9	22 20 57.93	–13.97	+85 38 57.8	–12.2
13	η Pegasi	9	38 44.64	– 0.54	**– 0.36**	350 45 54.95	45.245	– 5.50	– 9.1	22 38 43.72	.....	+29 44 42.1	....
14	λ Aquarii	9	47 52.29	– 0.56	**– 0.37**	312 57 52.10	46.060	– 5.50	–1 0.5	22 47 51.35	.....	– 8 3 53.4	....
15	α Pegasi	9	0 13.93	– 0.52	**– 0.38**	335 43 53.42	46.528	– 5.50	– 25.4	23 0 13.03	.....	+14 42 53.7	....
16	υ Pegasi	9	20 50.49	– 0.53	**– 0.34**	343 55 53.30	44.158	– 5.50	– 16.3	23 20 49.58	.....	+22 54 8.4	....
17	39 H. Cephei	9	28 15.22	– 5.74	– 0.38	47 47 52.45	46.067	– 5.50	+1 2.6	23 28 9.10	.....	+86 48 9.6	....
18	λ Piscium	9	37 24.45	– 0.54	– 0.38	322 17 53.65	46.810	– 5.50	– 43.7	23 37 23.53	– 2.37	+ 1 16 42.1	–15.2
19	ω Piscium	9	54 38.48	– 0.53	**– 0.37**	327 21 53.68	48.660	– 5.50	– 36.2	23 54 37.56	.....	+ 6 21 31.9	....
20	33 Piscium	9	0 40.92	– 0.55	**– 0.37**	314 49 51.48	42.920	– 5.50	– 57.0	0 0 39.98	.....	– 6 13 2.3	....
21	α Andromedæ	9	3 41.23	– 0.54	**– 0.30**	349 35 54.10	46.675	– 5.50	– 10.4	0 3 40.30	.....	+28 35 12.6	....
22	6 B. Ursæ Minoris s. p.	9	13 38.33	+ 9.94	– 0.39	52 47 52.82	43.758	– 5.50	+1 14.8	12 13 47.88	.....	+88 12 29.9	....
23	Saturn I, C.	5	33 12.28	– 0.52	– 0.39	321 43 52.92	47.722	– 5.50	– 44.7	0 33 11.37	+ 0.61	+ 0 41 25.9	....
24	Saturn II.	5	33 13.51	– 0.52	– 0.39	... .	......	....	. ....	0 33 12.60	– 0.62	.. ..	....
25	44 H. Cephei	9	4 27.46	– 1.79	– 0.39	40 11 55.32	43.827	– 5.33	+ 48.1	1 4 25.28	– 7.74	+79 11 7.5	– 0.9
	September 14, P.												
26	μ Ceti	9	40 1.03	– 0.50	**– 0.48**	330 45 55.20	43.855	– 5.41	– 31.8	2 40 0.04	.....	+ 9 43 48.0	....
27	41 Arietis	9	44 37.11	– 0.49	**– 0.49**	347 53 53.95	46.372	– 5.43	– 12.2	2 44 36.13	.....	+26 53 3.8	....
28	ε Arietis (*mean*)	9	53 0.02	– 0.49	**– 0.54**	341 59 54.15	45.290	– 5.49	– 18.5	2 52 59.04	.....	+20 58 33.0	....
29	δ Arietis	9	6 24.96	– 0.49	**– 0.48**	340 23 52.58	46.430	– 5.57	– 20.3	3 6 23.98	.....	+19 22 55.6	....
30	1 H¹. Camelopardalis	9	11 57.81	– 0.79	– 0.49	26 19 54.40	44.260	– 5.61	+ 28.4	3 11 56.53	– 3.52	+65 18 56.4	+ 5.6
31	α Persei	9	17 48.67	– 0.57	– 0.49	10 31 53.95	48.008	– 5.65	+ 10.7	3 17 47.61	.....	+49 32 3.8	....
32	ξ Tauri	9	22 13.81	– 0.50	**– 0.55**	330 25 52.92	47.035	– 5.67	– 32.3	3 22 12.82	.....	+ 9 24 57.7	....
33	ε Eridani	9	28 38.49	– 0.55	**– 0.56**	311 15 54.85	46.250	– 5.71	–1 4.9	3 28 37.45	.....	– 9 45 50.9	....
34	13 H¹. Camelopardalis	9	37 22.69	– 0.83	– 0.49	27 55 54.30	43.622	– 5.77	+ 30.4	3 37 21.37	– 3.46	+66 54 43.6	+ 7.6
35	Moon II, N.	9	45 28.63	– 0.50	– 0.49	337 51 54.78	43.827	– 5.82	– 23.2	3 45 27.64	–68.18	+16 49 55.1	....
36	λ Tauri	9	55 37.67	– 0.49	**– 0.54**	333 15 55.70	44.382	– 5.88	– 28.7	3 55 36.69	.....	+12 14 3.2	....
37	174 G. Eridani	9	1 52.52	– 0.66	– 0.49	293 7 54.40	49.250	– 5.92	–2 12.6	4 1 51.37	– 1.42	–27 53 50.6	–19.4
38	87 B. Draconis s. p.	9	6 2.87	+ 0.70	– 0.49	72 53 53.85	47.093	– 5.95	+3 4.6	16 6 3.08	.....	+68 3 23.3	....
39	19 Ursæ Minoris s. p.	9	13 23.11	+ 1.10	– 0.49	64 51 56.22	46.082	– 5.97	+2 1.8	16 13 23.72	.....	+76 6 46.9	....
40	η Ursæ Minoris s. p.	9	20 8.11	+ 1.09	– 0.49	64 59 53.28	47.513	– 6.04	+2 2.6	16 20 8.71	.....	+75 58 16.4	....
41	m Persei	9	26 59.37	– 0.53	– 0.49	3 51 55.55	48.298	– 6.08	+ 3.9	4 26 58.35	.....	+42 52 4.8	....
42	ν Eridani	9	31 45.68	– 0.53	**– 0.47**	317 29 55.30	44.885	– 6.11	– 52.4	4 31 44.66	.....	– 3 32 9.6	....
43	35 B. Camelopardalis	9	36 32.14	– 1.24	– 0.49	36 45 54.15	47.253	– 6.14	+ 42.9	4 36 30.41	.....	+75 46 18.5	....
44	Venus II, S.	9	32 33.59	– 0.54	– 0.51	337 37 51.60	43.258	– 5.92	– 23.3	8 32 32.54	– 0.84	+16 35 38.7	....
	September 15, P.												
45	Sun S.	.	.. ..	....	....	323 45 52.22	46.008	– 5.56	– 41.2	11 32	.....	+ 2 44 24.6	....
46	Sun N.	.	.. ..	....	....	324 17 52.35	45.570	– 5.56	– 40.5	.. ..	.....	+ 3 16 15.7	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
12 1 0	29.776	66.0	65.0
1 18	......	....	65.0
1 38	29.769	65.5	64.1
1 56	29.762	65.5	64.0
14 11 28	29.837	75.0	76.4
22 14	29.99	65.8	64.0
22 33	......	....	63.8
22 58	......	....	63.0
23 15	30.00	64.2	62.9
23 40	......	....	62.1
0 19	30.005	62.8	61.4
1 8	30.015	62.7	60.9
2 37	30.024	61.5	59.8
2 58	......	....	58.2
3 26	30.034	60.9	59.0
3 46	......	....	58.8
4 11	30.050	60.0	58.0
4 30	......	....	57.8
4 39	30.060	59.5	57.8
8 30	30.138	65.2	63.0
15 11 33	30.135	68.2	66.4

Micrometer bisections are made at II, VI, except as noted below.

1, 17, 25, 38, 40, 43.	Bisections at III, IV, V.
4, 23, 37, 44.	Bisections at I, II, VI, VII.
8, 35, 45.	Bisections at II, III, IV, V, VI.
9, 11, 46.	Bisections at I, II.
10.	Bisections at VI, VII.
12.	Bisections at b_3, b_5, b_7.
22.	Bisections at b_4, b_5, b_6.
23.	Z. D. threads C used.
30, 34.	Bisections at III, V.
39.	Bisections at III, IV.

Notes.

1, 4, 11–25, 38, 39.	Hazy.
18–22.	Unsteady.
37.	Hazy and unsteady.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
8	+31 30.4	–16 14.5	...	+15 15.9
9	+ 5.1	+15 54.8	...	+15 59.9
10	+ 5.0	–15 54.7	...	–15 49.7
23	+ 0.6	.. ..	...	+ 0.6
35	+21 25.9	–15 42.3	...	+ 5 43.6
44	+ 4.7	+ 12.0	...	+ 16.7
45	+ 5.1	+15 55.5	...	+16 0.6
46	+ 5.1	–15 55.6	...	–15 50.5

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mercury I, C.	8	44 46.35	− 0.51	− 0.52	315 35 50.88	43.040	− 6.37	− 55.0	12 44 45.32	+ 0.18	− 5 26 59.0	....
2	30 H. Camelopardalis s. p.	7	19 47.65	+ 2.42	− 0.54	57 57 52.02	45.875	− 5.38	+1 32.4	10 19 49.53	+ 6.81	+83 1 24.5	+11.0
3	λ Pegasi.	9	42 9.39	− 0.52	**− 0.57**	344 5 53.02	46.990	− 5.38	− 16.4	22 42 8.33	.....	+23 5 12.9	....
4	λ Aquarii.	9	47 52.53	− 0.57	**− 0.60**	312 57 51.80	46.170	− 5.38	−1 1.9	22 47 51.42	.....	− 8 3 52.5	....
5	α Pegasi.	9	0 14.13	− 0.52	**− 0.58**	335 43 51.25	46.738	− 5.38	− 26.0	23 0 13.07	.....	+14 42 55.8	....
6	υ Pegasi.	9	20 50.69	− 0.52	**− 0.54**	343 55 51.50	44.332	− 5.38	− 16.6	23 20 49.63	.....	+22 54 10.4	....
7	3 Draconis s. p.	9	37 18.87	+ 0.73	− 0.55	73 41 50.22	47.372	− 5.38	+3 16.3	11 37 19.05	.....	+67 15 8.4	....
8	33 Piscium.	9	0 41.11	− 0.56	**− 0.54**	314 49 50.22	43.080	− 5.38	− 58.1	0 0 40.00	.....	− 6 13 0.9	....
9	γ Pegasi.	9	8 33.28	− 0.52	**− 0.51**	335 41 51.85	45.938	− 5.38	− 26.0	0 8 32.21	.....	+14 40 38.1	....
10	44 Piscium.	9	20 44.62	− 0.54	**− 0.54**	322 27 51.90	45.410	− 5.38	− 44.3	0 20 43.53	.....	+ 1 26 7.8	....
11	Saturn I, C.	5	32 56.33	− 0.54	− 0.55	321 41 51.58	48.300	− 5.38	− 45.6	0 32 55.24	+ 0.72	+ 0 39 37.0	....
12	Saturn II.	5	32 57.76	− 0.54	− 0.55	... .	......	....	. ....	0 32 56.67	− 0.71	.. ..	....
	September 15, Fk.												
13	ε Arietis (*mean*).	9	54 0.03	− 0.51	**− 0.50**	341 59 53.25	45.340	− 6.31	− 18.8	2 53 58.99	.....	+20 58 32.1	....
14	α Ceti.	9	57 31.13	− 0.53	**− 0.52**	324 45 51.55	44.965	− 6.32	− 40.8	2 57 30.07	.....	+ 3 43 59.9	....
15	δ Arietis.	9	6 25.03	− 0.51	**− 0.51**	340 23 52.20	46.488	− 6.36	− 20.6	3 6 23.99	.....	+19 22 55.5	....
16	1 H¹. Camelopardalis	9	11 57.96	− 0.87	− 0.53	26 19 53.72	44.305	− 6.38	+ 28.8	3 11 56.56	− 3.58	+65 18 56.4	+ 5.4
17	α Persei.	9	17 48.69	− 0.62	− 0.53	10 31 53.10	48.030	− 6.41	+ 10.9	3 17 47.54	.....	+49 32 3.0	....
18	ξ Tauri.	9	22 13.81	− 0.52	**− 0.51**	330 25 51.62	47.112	− 6.43	− 32.8	3 22 12.76	.....	+ 9 24 56.9	....
19	ε Eridani.	8	28 38.56	− 0.57	**− 0.58**	311 15 51.00	46.468	− 6.45	−1 5.9	3 28 37.46	.....	− 9 45 51.6	....
20	13 H¹. Camelopardalis	9	37 22.68	− 0.91	− 0.53	27 55 53.02	43.708	− 6.49	+ 30.9	3 37 21.24	− 3.53	+66 54 44.1	+ 7.4
21	λ Tauri.	9	55 37.68	− 0.51	**− 0.51**	333 15 53.98	44.470	− 6.57	− 29.2	3 55 36.64	.....	+12 14 2.3	....
22	174 G. Eridani.	9	1 52.59	− 0.67	− 0.53	293 9 52.02	44.190	− 6.60	−2 14.6	4 1 51.39	− 1.44	−27 53 51.4	−19.3
23	87 B. Draconis s. p.	9	6 2.88	+ 0.82	− 0.53	72 53 52.50	47.107	− 6.61	+3 7.5	16 6 3.17	.....	+68 3 22.1	....
24	19 Ursæ Minoris s. p.	8	13 23.13	+ 1.28	− 0.53	64 51 53.90	46.148	− 6.65	+2 3.6	16 13 23.88	.....	+76 6 46.5	....
25	η Ursæ Minoris s. p.	8	20 8.01	+ 1.27	− 0.53	64 59 54.15	47.435	− 6.68	+2 4.4	16 20 8.75	.....	+75 58 16.1	....
26	*m* Persei.	9	26 59.37	− 0.57	− 0.53	3 51 55.32	48.330	− 6.71	+ 4.0	4 26 58.27	.....	+42 52 4.8	....
27	Moon II, N.	9	40 54.56	− 0.52	− 0.53	341 23 52.98	45.735	− 6.76	− 19.5	4 40 53.51	−68.48	+20 22 39.7	....
28	Venus II, S.	9	36 37.06	− 0.48	− 0.56	337 27 53.52	46.275	− 6.85	− 23.6	8 36 36.02	− 0.83	+16 26 48.4	....
	September 16, Fk.												
29	Sun I, S.	9	34 43.37	− 0.52	− 0.56	323 21 51.80	48.325	− 6.39	− 41.8	11 34 42.29	+64.03	+ 2 21 15.7	....
30	Sun II, N.	9	36 51.44	− 0.52	− 0.56	323 53 51.58	47.945	− 6.39	− 41.0	11 36 50.36	−64.04	+ 2 53 7.9	....
31	λ Pegasi.	9	42 9.44	− 0.54	**− 0.60**	344 5 54.15	46.988	− 6.56	− 16.1	22 42 8.30	.....	+23 5 13.1	....
32	λ Aquarii.	9	47 52.60	− 0.59	**− 0.65**	312 57 52.48	46.148	− 6.61	−1 0.9	22 47 51.41	.....	− 8 3 52.5	....
33	α Pegasi.	9	0 14.16	− 0.54	**− 0.59**	335 43 52.32	46.690	− 6.72	− 25.6	23 0 13.02	.....	+14 42 54.8	....
34	κ Piscium.	9	22 16.57	− 0.56	**− 0.61**	321 47 52.05	43.595	− 6.92	− 44.7	23 22 15.41	.....	+ 0 45 24.6	....
35	2 Ceti.	9	59 5.41	− 0.64	**− 0.63**	303 11 53.68	45.390	− 7.24	−1 26.8	23 59 4.17	.....	−17 50 35.1	....
36	γ Pegasi.	9	8 33.36	− 0.53	**− 0.57**	335 41 52.95	45.950	− 7.33	− 25.7	0 8 32.23	.....	+14 40 37.8	....
37	44 Piscium.	9	20 44.68	− 0.56	**− 0.57**	322 27 52.08	45.435	− 7.44	− 43.7	0 20 43.52	.....	+ 1 26 7.1	....
38	Saturn I, C.	5	32 40.14	− 0.56	− 0.60	321 39 52.82	48.709	− 7.54	− 45.0	0 32 38.98	+ 0.66	+ 0 37 46.0	....
39	Saturn II.	5	32 41.45	− 0.56	− 0.60	... .	......	....	. ....	0 32 40.29	− 0.65	.. ..	....
	September 16, M.												
40	Moon II.	9	36 37.48	− 0.51	− 0.54	343 30	......	....	. ....	5 36 36.43	−68.57	.. ..	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
15 12 46	30.124	69.0	67.5
22 18	30.092	56.2	53.9
22 40	[illegible]	56.0	53.6
23 2	......	....	53.0
23 18	......	....	53.1
23 40	30.076	55.5	53.1
23 58	......	....	53.1
0 6	30.072	55.5	53.3
0 24	......	....	53.0
0 35	30.074	55.2	53.0
2 49	[illegible]	54.3	52.2
3 15	......	....	51.7
3 34	30.05	53.6	51.2
3 53	......	....	50.9
4 12	30.05	53.0	50.7
4 48	30.05	52.5	50.6
8 35	30.07	59.6	59.8
16 11 37	30.02	65.3	65.1
22 38	[illegible]	59.0	57.8
22 58	......	....	57.2
23 20	29.82	58.3	57.0
23 40	......	....	56.3
23 58	29.815	57.7	55.8
0 18	......	....	55.8
0 38	29.815	57.0	55.3

Micrometer bisections are made at II, VI, except as noted below.

1, 11, 28, 38. Bisections at I, II, VI, VII.
2. Bisections at b_1, b_2, b_3.
7, 23–25. Bisections at III, IV, V.
11, 38. Z. D. threads C used.
16, 17, 20. Bisections at III, V.
19. Bisections at IV, VI.
27. Bisections at II, III, IV, V, VI.
29. Bisections at I. II.
30. Bisections at VI, VII.

Notes.

6. Micrometer reading increased 1 rev.
13–26. Images unsteady.
17. Micrometer reading increased 5 rev.
20. Micrometer reading decreased 1 rev.
23. Diffuse; woolly.
31–39. Conditions very poor.
37. Very poor.

No.	Parallax.	Semidiameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 4.9	.. ....	− 0.2	+ 4.7
11	+ 0.6	.. ....	...	+ 0.6
27	+17 47.8	−15 26.9	...	+ 2 20.9
28	+ 4.7	+ 11.9	...	+ 16.6
29	+ 5.2	+15 56.1	...	+16 1.3
30	+ 5.1	−15 56.0	...	−15 50.9
38	+ 0.6	.. ....	...	+ 0.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
	September 17, P.		m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	ζ Arietis	9	9 40.01	− 0.55	**− 0.72**	341 43 51.58	45.070	− 7.13	− 18.6	3 9 38.80	.....	+20 42 23.6	....
2	τ¹ Arietis	9	15 58.12	− 0.55	**− 0.69**	341 49 50.85	47.010	− 7.15	− 18.5	3 15 56.91	.....	+20 49 7.4	....
3	ο Tauri	9	19 54.76	− 0.56	**− 0.61**	329 44	......	....	.....	3 19 53.54	.....	+ 8 42	....
4	ξ Tauri	9	22 13.95	− 0.56	**− 0.55**	330 25 51.78	47.172	− 7.18	− 32.1	3 22 12.73	.....	+ 9 24 58.1	....
5	ε Eridani	9	28 38.83	− 0.60	**− 0.77**	311 15 51.72	46.430	− 7.20	−1 4.6	3 28 37.57	.....	− 9 45 51.1	....
6	ν Persei	9	39 0.08	− 0.60	− 0.66	3 17 53.88	46.538	− 7.24	+ 3.3	3 38 58.82	.....	+42 17 21.1	....
7	λ Tauri	9	55 37.92	− 0.54	**− 0.66**	333 15 53.82	44.492	− 7.31	− 28.6	3 55 36.72	.....	+12 14 2.5	....
8	A Tauri	8	59 18.29	− 0.54	**− 0.60**	342 51 51.58	44.012	− 7.33	− 17.5	3 59 17.09	.....	+21 50 0.4	....
9	c Persei	8	2 2.35	− 0.62	− 0.66	8 27 52.52	48.162	− 7.34	+ 8.6	4 2 1.07	.....	+47 28 2.0	....
10	54 Persei	9	14 29.23	− 0.56	− 0.66	355 21 51.15	45.493	− 7.39	− 4.6	4 14 28.01	− 1.98	+34 20 46.6	− 0.5
11	δ Tauri	9	17 40.57	− 0.53	**− 0.63**	338 21 52.55	43.612	− 7.40	− 22.6	4 17 39.38	.....	+17 19 47.0	....
12	m Persei	9	26 59.71	− 0.59	− 0.66	3 51 52.62	48.512	− 7.44	+ 3.9	4 26 58.46	.....	+42 52 5.3	....
13	α Tauri	9	30 41.31	− 0.53	**− 0.67**	337 19 52.28	48.500	− 7.45	− 23.7	4 30 40.12	.....	+16 19 37.3	....
14	i Tauri	9	46 2.28	− 0.53	− 0.66	339 41 52.00	47.177	− 7.51	− 21.0	4 46 1.09	.....	+18 41 9.3	....
15	ι Aurigæ	9	51 2.98	− 0.54	− 0.66	354 1 51.65	46.960	− 7.53	− 5.9	4 51 1.78	.....	+33 1 19.2	....
16	ε Aurigæ	9	55 25.06	− 0.59	− 0.66	4 41 49.55	46.417	− 7.55	+ 4.7	4 55 23.81	.....	+43 41 15.0	....
17	Moon II	9	32 10.40	− 0.51	− 0.66	344 34	......	....	.....	6 32 9.23	−68.25	.. ..	....
18	Venus II, S.	9	44 48.64	− 0.48	− 0.68	337 9 50.60	43.518	− 7.18	− 23.7	8 44 47.48	− 0.81	+16 7 42.0	....
	September 18, P.												
19	Sun I, N.	9	41 54.14	− 0.56	− 0.69	323 7 52.20	46.785	− 6.60	− 41.2	11 41 52.89	+64.01	+ 2 6 41.3	....
20	Sun II, S.	9	44 2.17	− 0.56	− 0.69	322 35 49.28	47.252	− 6.60	− 42.0	11 44 0.92	−64.02	+ 1 34 48.5	....
21	Mercury I, C.	9	0 19.42	− 0.58	− 0.69	313 31 51.52	46.274	− 6.34	− 57.4	13 0 18.15	+ 0.18	− 7 29 46.8	....
22	4 H. Scuti	9	37 17.10	− 0.62	**− 0.69**	311 54	......	....	.....	18 37 15.76	.....	− 9 8	....
23	110 Herculis	9	41 44.72	− 0.59	**− 0.70**	341 30	......	....	.....	18 41 43.41	.....	+20 27	....
24	θ Serpentis	9	51 41.57	− 0.58	**− 0.74**	325 8	......	....	.....	18 51 40.27	.....	+ 4 5	....
25	ε Aquilæ	9	55 29.45	− 0.57	**− 0.63**	335 58	......	....	.....	18 55 28.16	.....	+14 56	....
26	ζ Aquilæ	9	1 13.64	− 0.56	**− 0.69**	334 46	......	....	.....	19 1 12.36	.....	+13 43	....
27	d Sagittarii	9	12 18.43	− 0.62	**− 0.80**	301 56	......	....	.....	19 12 17.09	.....	−19 6	....
28	ω Aquilæ	9	13 32.73	− 0.55	**− 0.72**	332 28	......	....	.....	19 13 31.46	.....	+11 25	....
29	δ Aquilæ	9	20 54.55	− 0.55	**− 0.72**	323 58	......	....	.....	19 20 53.28	.....	+ 2 56	....
30	β Cygni	9	27 3.54	− 0.55	**− 0.78**	348 48	......	....	.....	19 27 2.27	.....	+27 46	....
	September 18, Fk.												
31	Moon II	9	26 53.55	− 0.53	− 0.70	344 22	......	....	.....	7 26 52.32	−67.47	.. ..	....
32	Venus II, S.	9	48 55.94	− 0.48	− 0.70	336 59 51.72	42.750	− 6.97	− 22.9	8 48 54.76	− 0.80	+15 57 27.6	....
	September 19, Fk.												
33	Sun I, N.	9	45 29.46	− 0.50	− 0.70	322 45 45.05	43.720	− 6.31	− 41.4	11 45 28.26	+63.98	+ 1 43 24.2	....
34	Sun II, S.	9	47 37.41	− 0.50	− 0.70	322 13 43.62	44.130	− 6.31	− 42.2	11 47 36.21	−63.97	+ 1 11 31.6	....
	September 21, M.												
35	δ Ursæ Minoris	6	1 55.88	− 4.75	− 0.70	47 35 49.80	49.013	− 6.78	+1 1.6	18 1 50.43	.....	+86 37 11.9	....
36	110 Herculis	9	41 44.59	− 0.49	**− 0.73**	341 27 50.18	48.660	− 6.78	− 18.8	18 41 43.40	.....	+20 27 44.4	....
37	θ Serpentis	9	51 41.40	− 0.51	**− 0.69**	325 5 49.35	48.190	− 6.78	− 39.2	18 51 40.19	.....	+ 4 5 12.5	....
38	ε Aquilæ	9	55 29.39	− 0.50	**− 0.69**	335 57 49.52	46.590	− 6.78	− 25.0	18 55 28.19	.....	+14 56 50.3	....
39	λ Aquilæ	9	1 24.84	− 0.54	**− 0.70**	316 1 47.58	42.865	− 6.78	− 54.2	19 1 23.60	.....	− 5 1 5.9	....
40	ω Aquilæ	9	13 32.61	− 0.50	**− 0.70**	332 27 48.72	44.612	− 6.78	− 29.3	19 13 31.41	.....	+11 26 0.0	....
41	δ Aquilæ	9	20 54.42	− 0.51	**− 0.68**	323 57 48.80	45.295	− 6.78	− 40.9	19 20 53.21	.....	+ 2 56 4.1	....
	September 22, P.												
42	Sun I, S.	9	56 15.89	− 0.49	− 0.83	321 1 52.50	49.045	− 6.04	− 44.6	11 56 14.57	+64.07	+ 0 1 30.4	....
43	Sun II, N.	9	58 24.04	− 0.49	− 0.83	321 33 53.18	48.710	− 6.04	− 43.8	11 58 22.72	−64.08	+ 0 33 24.5	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
17 3 7	29.733	58.5	58.9
3 25	......	....	56.0
3 45	29.731	56.5	55.4
3 53	......	....	55.1
4 13	......	....	54.8
4 38	......	....	55.7
4 48	......	....	55.8
4 57	29.736	56.1	56.0
8 43	29.790	62.0	61.9
18 11 42	29.785	70.8	72.3
13 1	29.766	74.0	76.1
8 47	29.80	67.8	70.4
19 11 48	29.825	76.3	78.5
21 18 2	29.99	68.0	66.9
18 39	29.99	66.7	65.7
18 59	......	....	65.1
19 24	30.00	65.0	64.6
22 11 58	29.945	72.3	72.9

Micrometer bisections are made at II, VI, except as noted below.

4, 20, 34, 43.	Bisections at VI, VII.
6, 9, 12, 14.	Bisections at II, VI, VII.
10, 15.	Bisections at I, II, VI.
13.	Bisections at II, VII.
16.	Bisections at I, VI, VII.
18, 21, 32.	Bisections at I, II, VI, VII.
19, 33, 42.	Bisections at I, II.
35.	Bisections at b_1, b_8, b_9.

Notes.

1–16.	Hazy; images unsteady.
16.	Circle reading decreased 10′.
29, 30.	Hazy.
35.	Clouds; poor.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
18	+ 4.6	+ 11.6	...	+ 16.2
19	+ 5.2	−15 56.3	...	−15 51.1
20	+ 5.3	+15 56.4	...	+16 1.7
21	+ 5.2	.. ....	− 0.2	+ 5.0
32	+ 4.6	+ 11.5	...	+ 16.1
33	+ 5.3	−15 56.3	...	−15 51.0
34	+ 5.3	+15 56.3	...	+16 1.6
42	+ 5.5	+15 57.0	...	+16 2.5
43	+ 5.4	−15 57.0	...	−15 51.6

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	Mercury I, C	7	20 15.24	− 0.52	− 0.83	310 57 51.48	44.956	− 5.84	−1 3.2	13 20 13.89	+ 0.19	−10 4 22.3	....
2	δ Ursæ Minoris	9	1 55.61	− 5.20	− 0.84	47 37 50.12	43.673	− 4.74	+1 0.7	18 1 49.57	.....	+86 37 11.6	....
3	110 Herculis	9	41 44.75	− 0.51	− **0.89**	341 29 49.82	43.385	− 4.95	− 18.5	18 41 43.39	.....	+20 27 45.7	....
4	θ Serpentis	9	51 41.57	− 0.52	− **0.87**	325 7 49.50	42.855	− 5.00	− 38.6	18 51 40.20	.....	+ 4 5 13.1	....
5	ε Aquilæ	9	55 29.57	− 0.50	− **0.89**	335 57 50.15	46.510	− 5.02	− 24.7	18 55 28.22	.....	+14 56 51.2	....
6	λ Aquilæ	9	1 25.01	− 0.53	− **0.90**	316 1 50.52	42.668	− 5.05	− 53.4	19 1 23.63	.....	− 5 1 5.0	....
7	ω Aquilæ	9	13 32.77	− 0.51	− **0.87**	332 27 50.42	44.470	− 5.12	− 28.9	19 13 31.41	.....	+11 26 0.5	....
8	δ Aquilæ	9	20 54.57	− 0.52	− **0.83**	323 57 50.18	45.162	− 5.16	− 40.3	19 20 53.20	.....	+ 2 56 4.6	....
9	μ Aquilæ	9	29 38.68	− 0.51	− **0.81**	328 13 48.52	42.770	− 5.20	− 34.3	19 29 37.32	.....	+ 7 11 14.3	....
	September 22, Fk.												
10	13 H¹. Camelopardalis	9	37 23.48	− 0.83	− 0.84	27 55 53.02	43.785	− 6.21	+ 30.0	3 37 21.81	− 3.95	+66 54 45.2	+ 5.9
11	η Tauri	9	42 4.23	− 0.47	− **0.82**	344 49 52.15	47.545	− 6.21	− 15.2	3 42 2.92	.....	+23 49 25.1	....
12	γ Eridani	9	53 47.33	− 0.54	− **0.82**	307 15 48.52	46.815	− 6.21	−1 14.0	3 53 45.95	.....	−13 45 53.9	....
13	ν Tauri	9	58 18.85	− 0.48	− **0.82**	326 45 50.18	45.635	− 6.21	− 36.9	3 58 17.53	.....	+ 5 44 17.8	....
14	43 Tauri	9	3 51.52	− 0.47	− 0.84	340 23 51.32	44.425	− 6.21	− 20.1	4 3 50.21	.....	+19 22 8.1	....
15	μ Persei	5	8 12.25	− 0.55	− 0.84	9 11 52.52	44.245	− 6.21	+ 9.2	4 8 10.86	− 2.54	+48 10 34.4	+ 2.8
16	γ Tauri	9	14 36.54	− 0.47	− **0.79**	336 25 51.40	45.655	− 6.21	− 24.6	4 14 35.23	.....	+15 24 31.8	....
17	ε Tauri	9	23 17.77	− 0.47	− **0.82**	339 59 51.95	46.045	− 6.21	− 20.5	4 23 16.46	.....	+18 58 45.3	....
18	A Draconis s. p.	8	28 8.09	+ 0.76	− 0.84	71 59 52.68	45.420	− 6.21	+2 52.7	16 28 8.01	.....	+68 58 14.9	....
19	258 G. Eridani	9	36 20.11	− 0.60	− 0.84	296 23 51.72	44.455	− 6.21	−1 53.1	4 36 18.67	− 1.45	−24 39 23.7	−18.0
20	μ Eridani	9	40 57.04	− 0.50	− **0.84**	317 35 53.25	47.660	− 6.21	− 51.4	4 40 55.70	.....	− 3 25 7.4	....
21	i Tauri	9	46 2.53	− 0.47	− 0.84	339 41 54.32	47.002	− 6.21	− 20.8	4 46 1.22	.....	+18 41 9.3	....
22	ι Aurigæ	9	51 3.26	− 0.48	− 0.84	354 1 54.05	46.820	− 6.21	− 5.8	4 51 1.94	.....	+33 1 19.8	....
23	ε Aurigæ	9	55 25.33	− 0.52	− 0.84	4 41 53.15	46.238	− 6.21	+ 4.7	4 55 23.97	.....	+43 41 16.1	....
24	11 Orionis	9	59 21.64	− 0.47	− **0.84**	336 17 40.68	46.658	− 6.21	− 24.8	4 59 20.33	.....	+15 16 43.8	....
25	λ Eridani	9	4 47.37	− 0.52	− 0.84	312 9 49.90	45.890	− 6.21	−1 2.3	5 4 46.01	− 1.40	− 8 52 2.0	−13.3
26	α Aurigæ	9	9 56.89	− 0.54	− 0.84	6 55 53.30	43.478	− 6.21	+ 6.9	5 9 55.51	.....	+45 54 15.3	....
27	δ Ursæ Minoris s. p.	9	1 45.22	+ 4.80	− 0.84	54 21 52.92	47.239	− 6.21	+1 19.1	18 1 49.18	.....	+86 37 6.4	....
28	Venus II, S	9	5 36.24	− 0.49	− 0.85	336 13 50.82	43.396	− 6.03	− 24.6	9 5 34.90	− 0.77	+15 11 39.7	....
	September 23, Fk.												
29	Sun I, S	9	59 51.59	− 0.54	− 0.85	320 39 50.95	45.375	− 5.28	− 44.8	11 59 50.20	+64.04	− 0 21 54.5	....
30	Sun II, N	7	1 59.66	− 0.54	− 0.85	321 11 50.68	45.142	− 5.28	− 43.9	12 1 58.27	−64.03	+ 0 10 1.1	....
31	δ Ursæ Minoris	9	1 55.61	− 5.37	− 0.87	47 37 51.38	43.633	− 4.61	+1 0.3	18 1 49.37	.....	+86 37 11.7	....
32	θ Serpentis	9	51 41.59	− 0.50	− **0.92**	325 5 49.72	48.050	− 4.82	− 38.4	18 51 40.22	.....	+ 4 5 12.4	....
33	ε Aquilæ	9	55 29.53	− 0.50	− **0.87**	335 57 51.28	46.415	− 4.82	− 24.5	18 55 28.16	.....	+14 56 50.5	....
34	λ Aquilæ	9	1 24.96	− 0.52	− **0.88**	316 1 49.48	42.660	− 4.82	− 53.1	19 1 23.57	.....	− 5 1 5.6	....
35	ω Aquilæ	9	13 32.68	− 0.50	− **0.80**	332 27 49.45	44.475	− 4.82	− 28.7	19 13 31.31	.....	+11 26 0.2	....
36	δ Aquilæ	9	20 54.56	− 0.50	− **0.86**	323 57 49.60	45.135	− 4.82	− 40.1	19 20 53.19	.....	+ 2 56 4.0	....
37	β Cygni	9	27 3.46	− 0.51	− **0.84**	348 47 52.08	44.362	− 4.82	− 10.9	19 27 2.08	.....	+27 46 18.0	....
38	κ Aquilæ	9	31 59.69	− 0.52	− **0.85**	313 47 48.82	46.322	− 4.82	− 57.4	19 31 58.30	.....	− 7 13 46.9	....
	September 23, M.												
39	δ Fornacis	9	38 38.64	− 0.65	− 0.80	288 49 49.52	46.217	− 5.48	−2 42.4	3 38 37.19	− 1.80	−32 13 34.3	−20.0
40	γ Eridani	9	53 47.39	− 0.54	− **0.85**	307 15 47.25	46.778	− 5.48	−1 13.5	3 53 46.04	.....	−13 45 54.8	....
41	ν Tauri	9	58 18.89	− 0.48	− **0.83**	326 45 47.62	45.678	− 5.48	− 36.7	3 58 17.60	.....	+ 5 44 17.2	....
42	43 Tauri	9	3 51.58	− 0.48	− 0.81	340 23 49.32	44.438	− 5.48	− 19.9	4 3 50.29	.....	+19 22 7.3	....
43	μ Persei	9	8 12.26	− 0.57	− 0.81	9 11 49.88	44.335	− 5.48	+ 9.1	4 8 10.88	− 2.57	+48 10 34.4	+ 2.6
44	γ Tauri	9	14 36.58	− 0.48	− **0.80**	336 25 48.10	45.718	− 5.48	− 24.4	4 14 35.29	.....	+15 24 31.0	....

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
22 13 23	29.914	75.0	75.5
17 58	29.860	73.2	71.9
18 6	....	....	71.6
18 39	29.856	72.0	70.5
19 5	....	....	70.0
19 26	....	....	69.9
19 32	29.864	70.5	69.8
3 35	29.84	63.2	61.0
3 52	....	....	61.1
4 17	29.835	62.9	61.0
4 35	....	....	60.8
5 9	29.84	61.8	60.2
5 57	29.845	61.4	59.7
9 1	29.875	66.0	66.2
23 12 2	29.86	75.9	76.9
18 9	29.835	75.7	74.7
18 48	29.835	74.7	73.1
19 8	....	....	72.6
19 25	29.84	73.5	72.1
19 36	29.84	73.3	72.1
3 35	29.88	65.9	64.7
3 57	....	....	64.6

Micrometer bisections are made at II, VI, except as noted below.

1, 28. Bisections at I, II, VI, VII.
2, 27, 31. Bisections at b_1, b_3, b_5, b_7, b_9.
10, 23. Bisections at III, V.
15. Bisections at IV, V.
18. Bisections at III, IV, V.
20. Bisections at III, V, VI.
29, 44. Bisections at I, II.
30. Bisections at VI, VII.
39. Bisections at II, VI, VII.

Notes.

15, 18. Poor.
27, 31. Microscopes read at beginning and end of observation.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
1	+ 5.6	.. ....	− 0.3	+ 5.3
28	+ 4.5	+ 11.1	...	+ 15.6
29	+ 5.5	+15 57.8	...	+16 3.3
30	+ 5.5	−15 57.8	...	−15 52.3

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	δ Tauri	9	17 40.86	− 0.48	− **0.80**	338 21 49.28	43.665	− 5.48	− 22.2	4 17 39.57	.....	+17 19 47.3	....
2	ε Tauri	9	23 17.81	− 0.48	− **0.82**	339 59 49.32	46.098	− 5.48	− 20.4	4 23 16.52	.....	+18 58 44.7	....
3	A Draconis s. p.	9	28 8.16	+ 0.77	− 0.81	71 59 46.10	45.757	− 5.48	+2 51.6	16 28 8.12	.....	+68 58 14.1	....
4	258 G. Eridani	9	36 20.13	− 0.60	− 0.81	296 23 44.78	44.650	− 5.48	−1 52.4	4 36 18.72	− 1.48	−24 39 24.8	−18.0
5	μ Eridani	9	40 57.03	− 0.50	− **0.80**	317 35 47.30	47.842	− 5.48	− 51.1	4 40 55.72	.....	− 3 25 8.1	....
6	i Tauri	9	46 2.59	− 0.48	− 0.81	339 41 48.20	47.228	− 5.48	− 20.7	4 46 1.30	.....	+18 41 9.1	....
7	ι Aurigæ	9	51 3.36	− 0.50	− 0.81	354 1 49.30	46.932	− 5.48	− 5.8	4 51 2.05	.....	+33 1 18.3	....
8	ε Aurigæ	9	55 25.46	− 0.54	− 0.81	4 41 49.95	46.345	− 5.48	+ 4.7	4 55 24.11	.....	+43 41 16.0	....
9	11 Orionis	9	59 21.64	− 0.48	− **0.80**	336 17 48.18	46.270	− 5.48	− 24.6	4 59 20.35	.....	+15 16 43.2	....
10	λ Eridani	9	4 47.39	− 0.52	− 0.81	312 9 43.45	46.080	− 5.48	−1 1.9	5 4 46.06	− 1.42	− 8 52 3.0	−13.3
11	α Aurigæ	9	9 56.97	− 0.55	− 0.81	6 55 48.25	43.690	− 5.48	+ 6.9	5 9 55.61	.....	+45 54 15.8	....
12	o Columbæ	9	14 12.73	− 0.68	− 0.81	286 5 46.35	44.512	− 5.48	−3 11.6	5 14 11.24	.....	−34 58 45.5	....
13	25 Orionis	9	20 1.06	− 0.49	− 0.81	322 47 47.98	45.030	− 5.48	− 42.6	5 19 59.76	− 1.43	+ 1 45 56.8	− 9.6
14	74 B. Camelopardalis	8	27 30.96	− 1.23	− 0.81	35 59 48.90	43.788	− 5.48	+ 41.0	5 27 28.92	.....	+74 58 52.8	....
	September 24, M.												
15	Sun I, N	9	3 27.35	− 0.50	− 0.85	320 47 50.42	46.718	− 5.25	− 44.9	12 3 26.00	+64.06	− 0 13 24.4	....
16	Sun II, S	9	5 35.47	− 0.50	− 0.85	320 15 49.58	47.048	− 5.25	− 45.7	12 5 34.12	−64.06	− 0 45 18.2	....
	September 24, P.												
17	Venus II, S	9	14 1.94	− 0.49	− 0.98	335 47 49.95	44.264	− 5.51	− 25.1	9 14 0.47	− 0.75	+14 45 58.7	....
	September 25, P.												
18	Sun I, N	9	7 3.44	− 0.51	− 0.99	320 25 48.68	43.190	− 5.50	− 45.5	12 7 1.94	+64.16	− 0 36 47.6	....
19	Sun II, S	9	9 11.77	− 0.51	− 0.99	319 53 47.42	43.405	− 5.50	− 46.4	12 9 10.27	−64.17	− 1 8 44.5	....
20	δ Ursæ Minoris	9	1 54.67	− 5.25	− 1.03	47 37 47.35	43.820	− 5.16	+1 0.4	18 1 48.39	.....	+86 37 11.5	....
21	θ Serpentis	9	51 41.63	− 0.49	− **1.00**	325 7 48.40	42.865	− 5.08	− 38.4	18 51 40.11	.....	+ 4 5 12.4	....
22	ε Aquilæ	9	55 29.62	− 0.48	− **1.01**	335 57 49.28	46.530	− 5.08	− 24.6	18 55 28.11	.....	+14 56 50.8	....
23	ζ Aquilæ	9	1 13.81	− 0.48	− **1.07**	334 45 49.68	43.960	− 5.08	− 26.0	19 1 12.30	.....	+13 43 51.1	....
24	d Sagittarii	9	12 18.49	− 0.56	− **1.04**	301 56	......	....	.....	19 12 16.89	.....	−19 6	....
25	ω Aquilæ	9	13 32.85	− 0.48	− **1.03**	332 27 48.45	44.552	− 5.08	− 28.8	19 13 31.33	.....	+11 26 0.5	....
26	δ Aquilæ	9	20 54.76	− 0.49	− **1.10**	323 57 48.82	45.190	− 5.08	− 40.2	19 20 53.23	.....	+ 2 56 4.1	....
27	μ Aquilæ	9	29 38.80	− 0.49	− **1.00**	328 11 48.15	48.040	− 5.08	− 34.2	19 29 37.27	.....	+ 7 11 14.6	....
28	κ Aquilæ	9	31 59.83	− 0.51	− **1.03**	313 47 48.75	46.375	− 5.08	− 57.6	19 31 58.28	.....	− 7 13 46.2	....
	September 28, P.												
29	γ Eridani	9	53 47.73	− 0.55	− **1.06**	307 15 49.00	46.840	− 4.81	−1 15.7	3 53 46.10	.....	−13 45 53.2	....
30	ν Tauri	9	58 19.31	− 0.49	− **1.11**	326 45 50.35	45.695	− 4.84	− 37.8	3 58 17.74	.....	+ 5 44 19.8	....
31	43 Tauri	9	3 52.01	− 0.48	− 1.08	340 23 49.12	44.560	− 4.87	− 20.6	4 3 50.45	.....	+19 22 9.8	....
32	μ Persei	9	8 12.74	− 0.57	− 1.08	9 11 50.52	44.285	− 4.90	+ 9.4	4 8 11.09	− 2.75	+48 10 34.8	+ 2.0
33	γ Tauri	9	14 37.01	− 0.48	− **1.09**	336 25 49.15	45.762	− 4.94	− 25.2	4 14 35.45	.....	+15 24 32.6	....
34	δ Tauri	9	17 41.34	− 0.48	− **1.15**	338 21 51.72	43.640	− 4.96	− 22.9	4 17 39.78	.....	+17 19 49.0	....
35	ε Tauri	9	23 18.21	− 0.48	− **1.08**	339 59 50.88	46.110	− 4.99	− 21.0	4 23 16.65	.....	+18 58 46.5	....
36	A Draconis s. p.	9	28 7.97	+ 0.84	− 1.08	71 59 50.15	45.267	− 5.02	+2 57.2	16 28 7.73	.....	+68 58 15.2	....
37	258 G. Eridani	9	36 20.52	− 0.63	− 1.08	296 23 48.95	44.668	− 5.07	−1 56.1	4 36 18.81	− 1.62	−24 39 23.4	−17.7
38	μ Eridani	9	40 57.39	− 0.52	− **1.01**	317 35 50.25	47.850	− 5.10	− 52.8	4 40 55.79	.....	− 3 25 6.3	....
39	i Tauri	9	46 2.99	− 0.48	− 1.08	339 41 50.60	47.228	− 5.13	− 21.4	4 46 1.43	.....	+18 41 11.2	....
40	ι Aurigæ	9	51 3.69	− 0.50	− 1.08	354 1 50.18	46.965	− 5.16	− 6.0	4 51 2.11	.....	+33 1 20.1	....
41	ζ Aurigæ	9	56 6.59	− 0.53	− 1.08	1 57 51.72	44.455	− 5.20	+ 2.1	4 56 4.98	.....	+40 56 32.3	....
42	η Aurigæ	9	0 7.57	− 0.53	− 1.08	2 7 52.92	44.610	− 5.22	+ 2.2	5 0 5.96	.....	+41 6 37.1	....
43	β Orionis	5	10 10.19	− 0.55	− **1.10**	312 43 50.32	45.440	− 5.28	−1 2.7	5 10 8.56	.....	− 8 18 11.2	....
44	o Columbæ	9	14 13.14	− 0.74	− 1.08	286 5 51.25	44.601	− 5.31	−3 18.1	5 14 11.32	.....	−34 58 44.9	....
45	25 Orionis	9	20 1.41	− 0.56	− 1.08	322 47 51.72	45.032	− 5.34	− 44.0	5 19 59.77	− 1.58	+ 1 45 59.4	− 9.5

Time.	Barom.	Att. Ther.	Ext. Ther.
d h m	in.	°	°
23 4 22	......	....	64.8
4 40	......	....	64.8
4 41	29.89	65.7	....
5 8	......	....	64.2
5 32	29.90	64.9	63.7
24 12 3	29.962	74.5	75.2
9 15	30.043	68.5	68.2
25 12 7	30.05	75.9	76.3
17 58	30.010	76.8	76.9
18 49	30.008	75.2	75.4
19 8	......	....	75.0
19 25	......	....	74.2
19 33	30.013	74.2	74.0
28 3 51	29.818	52.4	49.0
4 11	......	....	48.7
4 33	29.836	51.5	48.0
4 49	......	....	47.6
5 8	29.833	50.5	47.0
5 19	......	....	46.9

Micrometer bisections are made at II, VI, except as noted below.

3, 36.	Bisections at III, IV, V.
9.	Bisection at VI.
14.	Bisections at III, V.
15, 18.	Bisections at I, II.
16, 19.	Bisections at VI, VII.
17, 44.	Bisections at I, II, VI, VII.
20.	Bisections at b_1, b_3, b_5, b_7, b_9.
37.	Bisections at I, II, VI.

Notes.

3.	Poor.
12.	Fog.
24, 28.	Hazy.

No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
	′ ″	′ ″	″	′ ″
15	+ 5.5	−15 56.9	...	−15 51.4
16	+ 5.6	+15 56.8	...	+16 2.4
17	+ 4.5	+ 10.9	...	+ 15.4
18	+ 5.6	−15 58.4	...	−15 52.8
19	+ 5.6	+15 58.5	...	+16 4.1

No.	Date, Observer, and Object.	Thds.	Mean Thread.	Inst. Corr.	Clock Corr.	Circle Reading.	Microm Reading.	Zenith Pt. Corr.	Refraction.	Apparent R. A.	Misc. Corr.	Apparent Decl.	Misc. Corr.
			m s	s	s	° ′ ″	r	″	′ ″	h m s	s	° ′ ″	″
1	18 Camelopardalis........	9	24 45.29	− 0.66	− 1.08	18 9 51.80	45.715	− 5.37	+ 19.2	5 24 43.55	− 2.60	+57 9 18.1	+ 9.0
2	19 Camelopardalis........	9	28 25.54	− 0.79	− 1.08	25 5 51.85	46.135	− 5.39	+ 27.3	5 28 23.67	− 2.96	+64 5 35.9	+11.2
3	*f* Draconis S. P...........	9	32 19.33	+ 0.81	− 1.08	72 45 51.62	45.742	− 5.42	+3 6.2	17 32 19.06	+ 0.84	+68 11 54.3	−18.4
4	α Columbæ.............	9	36 21.91	− 0.74	− 1.08	286 57 50.55	43.452	− 5.44	−3 8.1	5 36 20.09	....	−34 7 2.0	....
5	130 Tauri..................	9	42 7.53	− 0.49	− 1.08	338 41 54.10	48.850	− 5.47	− 22.6	5 42 5.96	− 1.62	+17 41 50.2	− 3.3
6	δ Leporis..............	9	47 24.84	− 0.62	− 1.08	300 9 50.65	45.198	− 5.51	−1 39.7	5 47 23.14	− 1.23	−20 52 53.7	−15.2
7	α Orionis..............	9	50 14.51	− 0.51	− 1.03	328 25 52.30	43.635	− 5.53	− 35.7	5 50 12.92	....	+ 7 23 35.9	....
8	θ Aurigæ..............	9	53 30.27	− 0.52	− 1.08	358 13 53.45	44.218	− 5.54	− 1.7	5 53 28.67	....	+37 12 24.5	....
9	δ Ursæ Minoris S. P.	9	1 42.72	+ 5.12	− 1.08	54 21 51.22	47.129	− 5.60	+1 21.4	18 1 46.76	....	+86 37 7.7	....
10	Venus II, S............	9	31 0.98	− 0.46	− 1.09	334 49 53.25	47.138	− 5.90	− 27.0	9 30 59.43	− 0.72	+13 49 5.4	....

Time.	Barom.	Att. Ther.	Ext. Ther.	Micrometer bisections are made at II, VI, except as noted below.	No.	Parallax.	Semi-diameter.	Def. Ill. Corr.	Sum.
d h m	in.	°	°			′ ″	′ ″	″	′ ″
28 5 41	......	....	46.2	1, 2. Bisections at III, V.	10	+ 4.5	+ 10.5	...	+ 15.0
5 56	29.848	49.0	46.0	3. Bisections at III, IV, V.					
6 7	29.848	49.0	45.7	4, 10. Bisections at I, II, VI, VII.					
9 29	29.927	54.0	52.0	7. Bisections at VI, VII.					
				9. Bisections at b_1, b_3, b_5, b_7, b_9.					

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